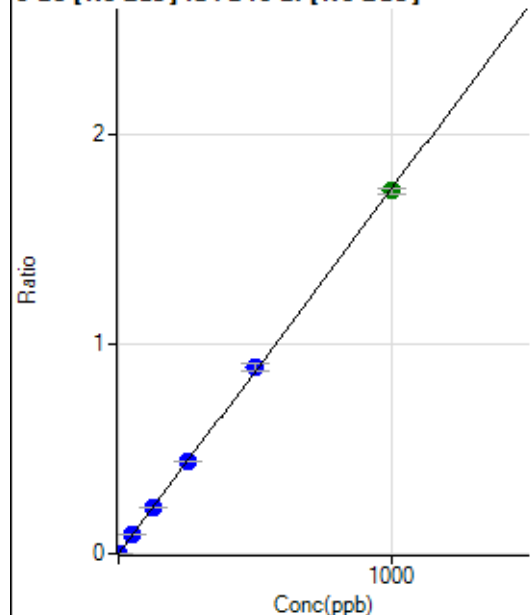


Batch Folder: D:\P8082217-MS.b\
Analysis File: P8082217-MS.batch.bin
DA Date-Time: 2017-08-22 16:21:03
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2017-08-22 12:01:52
2			
3	005CALS.d	S02	2017-08-22 12:12:07
4	006CALS.d	S03	2017-08-22 12:15:37
5	007CALS.d	S04	2017-08-22 12:19:06
6	008CALS.d	S05	2017-08-22 12:22:30
7	009CALS.d	S06	2017-08-22 12:25:48
8	010CALS.d	S07	2017-08-22 12:29:01
9	011CALS.d	S08	2017-08-22 12:32:10

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0001	P	8.0
2	☐	0.100					
3	☐	1.000	0.941	1129.71	0.0017	P	6.4
4	☐	50.000	50.406	56639.31	0.0876	P	0.7
5	☐	125.000	126.553	141391.11	0.2198	P	0.3
6	☐	250.000	251.182	276722.80	0.4362	P	0.6
7	☐	500.000	509.597	538530.16	0.8849	P	4.4
8	☐	1000.000	994.692	1055048.94	1.7271	A	1.4
9	☐			338.90	0.0006	P	17.2

$$y = 0.0017 * x + 1.1536E-004$$

$$R = 0.9999$$

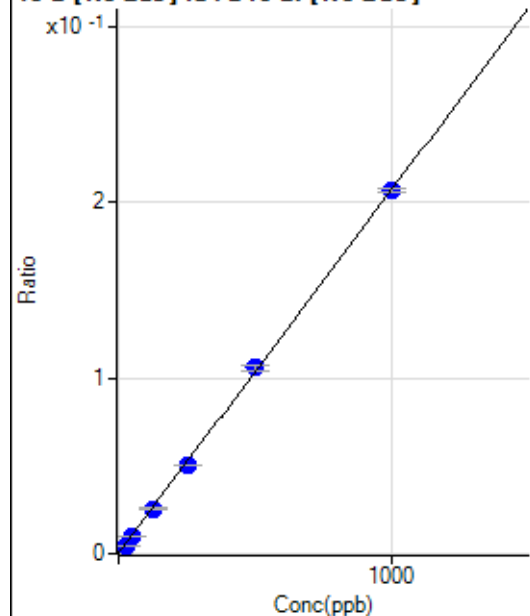
$$DL = 0.01601$$

$$BEC = 0.06644$$

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	213.90	0.0003	P	8.5
2	☐	2.500					
3	☐	25.000	20.800	2997.68	0.0046	P	7.2
4	☐	50.000	47.360	6546.23	0.0101	P	4.1
5	☐	125.000	121.823	16410.04	0.0255	P	3.0
6	☐	250.000	242.766	32039.46	0.0505	P	0.4
7	☐	500.000	509.968	64364.52	0.1057	P	3.1
8	☐	1000.000	997.459	126103.12	0.2065	P	1.2
9	☐			5284.51	0.0093	P	11.5

$$y = 2.0664E-004 * x + 3.4168E-004$$

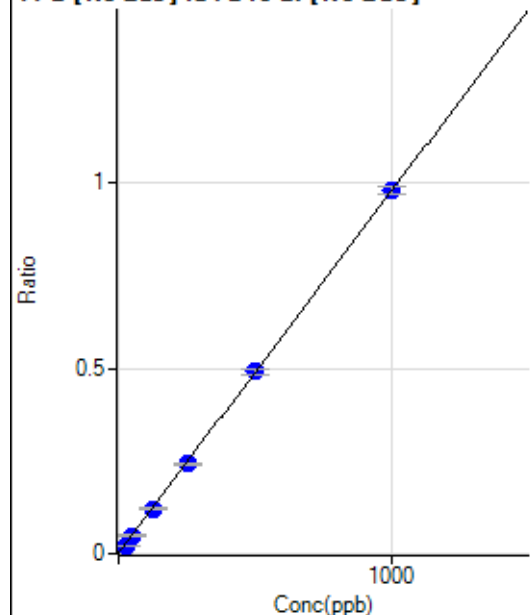
$$R = 0.9999$$

$$DL = 0.4235$$

$$BEC = 1.653$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	894.51	0.0014	P	5.0
2	☐	2.500					
3	☐	25.000	20.674	13968.49	0.0216	P	3.1
4	☐	50.000	48.315	31424.17	0.0486	P	2.9
5	☐	125.000	122.561	77908.39	0.1211	P	1.4
6	☐	250.000	245.488	153007.68	0.2412	P	0.6
7	☐	500.000	502.486	299668.13	0.4922	P	3.0
8	☐	1000.000	1000.382	597646.76	0.9785	P	2.1
9	☐			24115.54	0.0424	P	4.6

$$y = 9.7674\text{E-}004 * x + 0.0014$$

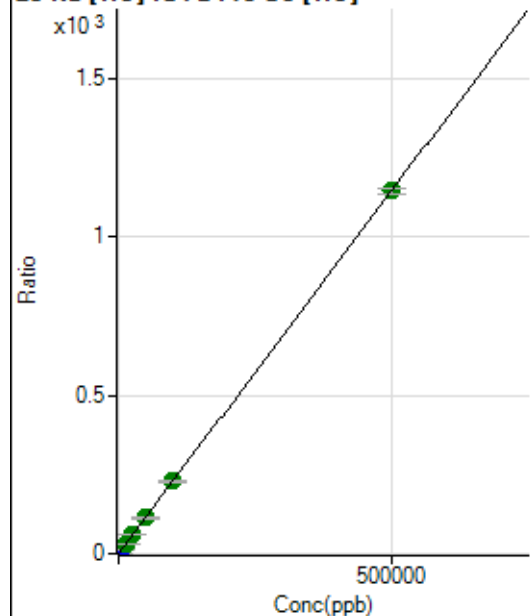
$$R = 1.0000$$

$$DL = 0.2194$$

$$BEC = 1.463$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4000.72	0.1059	P	0.8
2	☐	50.000					
3	☐	500.000	434.554	43063.41	1.1018	P	3.0
4	☐	5000.000	4916.165	449233.86	11.3727	P	0.7
5	☐	12500.000	12995.158	1139218.36	29.8879	A	3.4
6	☐	25000.000	25325.966	2198740.89	58.1474	A	0.9
7	☐	50000.000	49415.958	4201584.16	113.3562	A	2.4
8	☐	100000.00	100137.89	8198894.10	229.5996	A	2.0
9	☐	500000.00	500003.05	40322560.97	1,146.001	A	1.4

$$y = 0.0023 * x + 0.1059$$

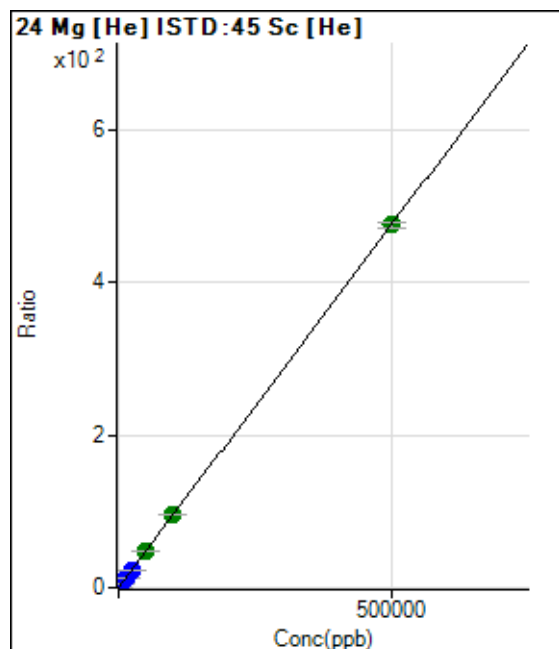
$$R = 1.0000$$

$$DL = 1.112$$

$$BEC = 46.21$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	152.79	0.0040	P	11.6
2	☐	50.000					
3	☐	500.000	429.991	16129.22	0.4126	P	1.8
4	☐	5000.000	4915.794	184660.80	4.6748	P	0.3
5	☐	12500.000	12663.795	458692.72	12.0366	P	4.2
6	☐	25000.000	24784.807	890596.57	23.5534	P	1.5
7	☐	50000.000	50571.861	1781348.98	48.0550	A	1.6
8	☐	100000.00	100869.54	3422710.10	95.8455	A	1.6
9	☐	500000.00	499776.48	16708375.89	474.8678	A	1.7

$$y = 9.5015\text{E-}004 * x + 0.0040$$

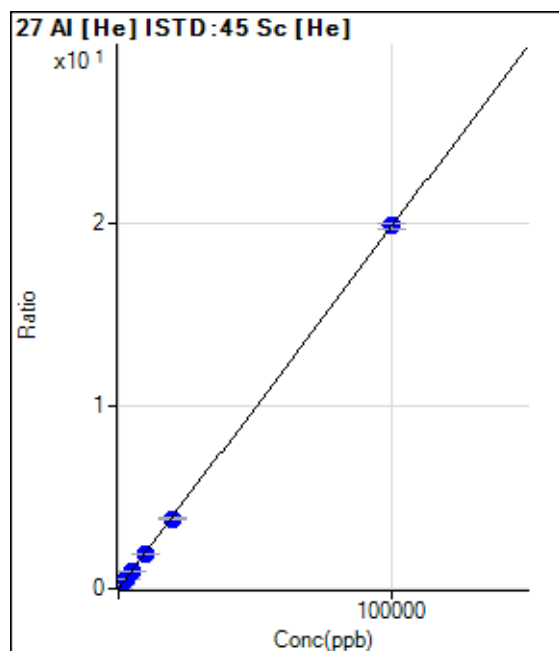
$$R = 1.0000$$

$$DL = 1.486$$

$$BEC = 4.258$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0007	P	34.5
2	☐	2.000					
3	☐	20.000	17.755	166.67	0.0043	P	15.7
4	☐	1000.000	989.574	7774.69	0.1968	P	1.9
5	☐	2500.000	2441.224	18470.94	0.4845	P	2.5
6	☐	5000.000	4827.256	36191.52	0.9573	P	2.3
7	☐	10000.000	9547.572	70148.99	1.8926	P	2.4
8	☐	20000.000	19366.365	137081.35	3.8382	P	1.7
9	☐	100000.00	100182.18	698499.45	19.8518	P	1.3

$$y = 1.9815\text{E-}004 * x + 7.3515\text{E-}004$$

$$R = 1.0000$$

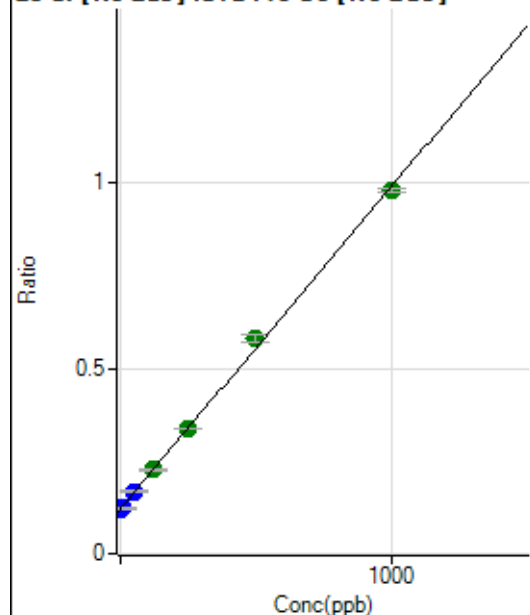
$$DL = 3.842$$

$$BEC = 3.71$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	465496.17	0.1189	P	1.0
2	☐	1.000					
3	☐	10.000	3.418	497287.21	0.1219	P	0.6
4	☐	50.000	56.781	696315.17	0.1684	P	0.7
5	☐	125.000	123.381	920251.94	0.2265	A	0.9
6	☐	250.000	250.758	1373311.73	0.3375	A	0.7
7	☐	500.000	529.213	2218004.46	0.5802	A	3.8
8	☐	1000.000	985.133	3677444.22	0.9777	A	0.9
9	☐			457201.73	0.1261	P	2.1

$$y = 8.7174\text{E-}004 * x + 0.1189$$

$$R = 0.9993$$

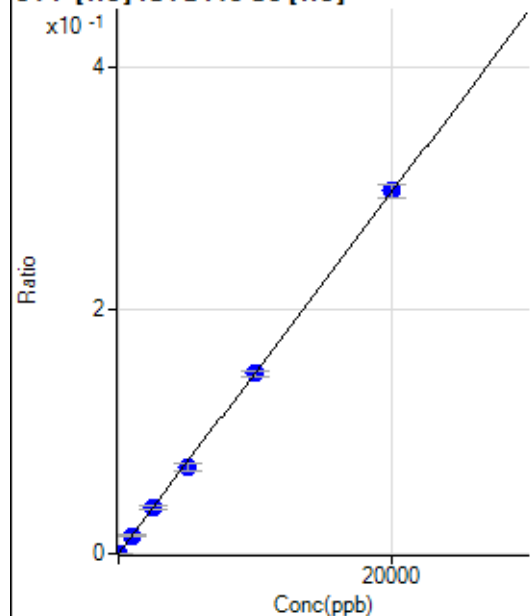
$$DL = 4.181$$

$$BEC = 136.4$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	2.655	8.33	0.0002	P	99.8
2	☐	0.000					
3	☐	0.000	-2.655	5.55	0.0001	P	86.7
4	☐	1000.000	983.560	583.37	0.0148	P	13.1
5	☐	2500.000	2516.247	1427.91	0.0375	P	8.5
6	☐	5000.000	4804.236	2700.37	0.0714	P	8.1
7	☐	10000.000	9944.414	5473.52	0.1477	P	2.4
8	☐	20000.000	20075.525	10637.77	0.2979	P	4.0
9	☐			16.67	0.0005	P	50.3

$$y = 1.4832\text{E-}005 * x + 1.8080\text{E-}004$$

$$R = 0.9999$$

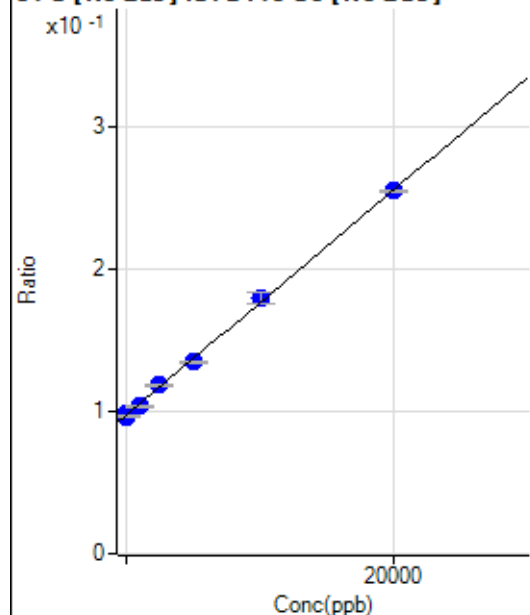
$$DL = 34.63$$

$$BEC = 12.19$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	166.566	386654.99	0.0988	P	0.3
2	☐	0.000					
3	☐	0.000	-166.566	392168.28	0.0961	P	1.3
4	☐	1000.000	796.511	428992.36	0.1038	P	1.2
5	☐	2500.000	2628.095	480624.91	0.1183	P	0.5
6	☐	5000.000	4694.864	547950.56	0.1347	P	1.4
7	☐	10000.000	10389.799	687238.65	0.1798	P	4.2
8	☐	20000.000	19875.547	959146.44	0.2550	P	0.5
9	☐			370509.12	0.1022	P	3.2

$$y = 7.9270\text{E-}006 * x + 0.0974$$

$$R = 0.9994$$

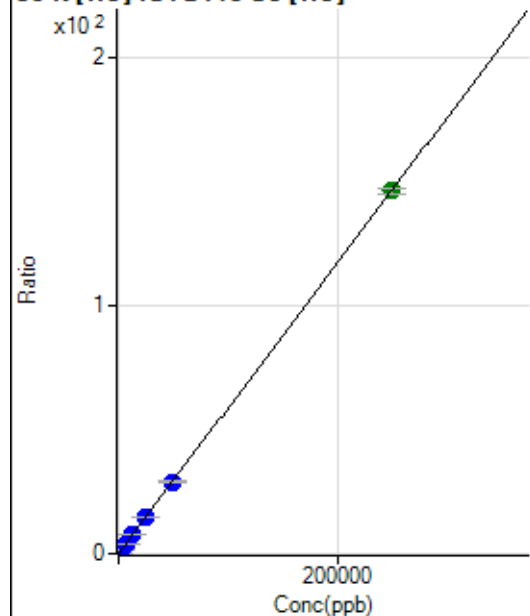
$$DL = 286.2$$

$$BEC = 1.229\text{E+}04$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3661.73	0.0969	P	5.0
2	☐	50.000					
3	☐	500.000	456.524	14232.72	0.3642	P	3.4
4	☐	2500.000	2596.085	63859.39	1.6167	P	0.9
5	☐	6250.000	6739.888	154075.51	4.0424	P	3.6
6	☐	12500.000	12902.421	289235.20	7.6499	P	1.7
7	☐	25000.000	25158.901	549524.52	14.8247	P	1.7
8	☐	50000.000	49506.422	1038403.14	29.0774	P	1.4
9	☐	250000.00	250049.58	5154306.76	146.4731	A	1.3

$$y = 5.8539\text{E-}004 * x + 0.0969$$

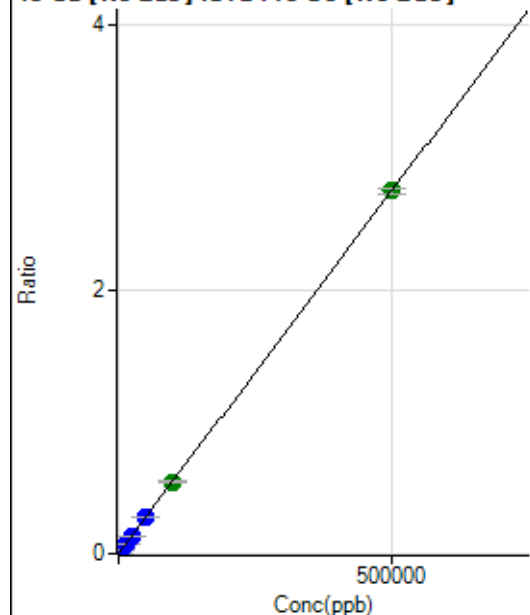
$$R = 1.0000$$

$$DL = 25.04$$

$$BEC = 165.6$$

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	2358.66	0.0006	P	6.5
2	☐	50.000					
3	☐	500.000	423.187	11930.61	0.0029	P	1.5
4	☐	5000.000	4814.953	111711.52	0.0270	P	0.6
5	☐	12500.000	12310.974	276890.02	0.0681	P	0.8
6	☐	25000.000	24243.441	543608.13	0.1336	P	0.6
7	☐	50000.000	50358.010	1058165.94	0.2768	P	4.2
8	☐	100000.00	98427.480	2033051.91	0.5405	A	2.2
9	☐	500000.00	500323.18	9950134.60	2.7452	A	1.9

$$y = 5.4856\text{E-}006 * x + 6.0252\text{E-}004$$

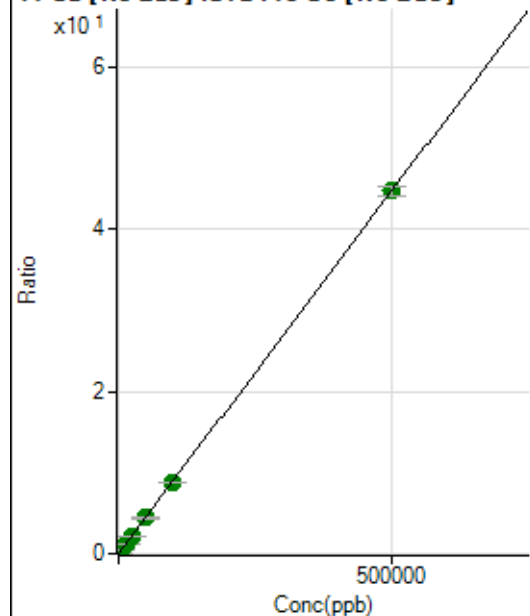
$$R = 1.0000$$

$$DL = 21.26$$

$$BEC = 109.8$$

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	48038.80	0.0123	P	3.4
2	☐	50.000					
3	☐	500.000	424.866	204830.33	0.0502	P	0.5
4	☐	5000.000	4942.809	1875316.49	0.4535	A	0.9
5	☐	12500.000	12320.247	4519510.65	1.1121	A	0.5
6	☐	25000.000	24100.087	8804999.50	2.1638	A	0.5
7	☐	50000.000	49927.075	17081672.43	4.4694	A	4.5
8	☐	100000.00	97480.364	32780216.70	8.7147	A	0.5
9	☐	500000.00	500561.35	162005988.3	44.6990	A	2.3

$$y = 8.9273\text{E-}005 * x + 0.0123$$

$$R = 1.0000$$

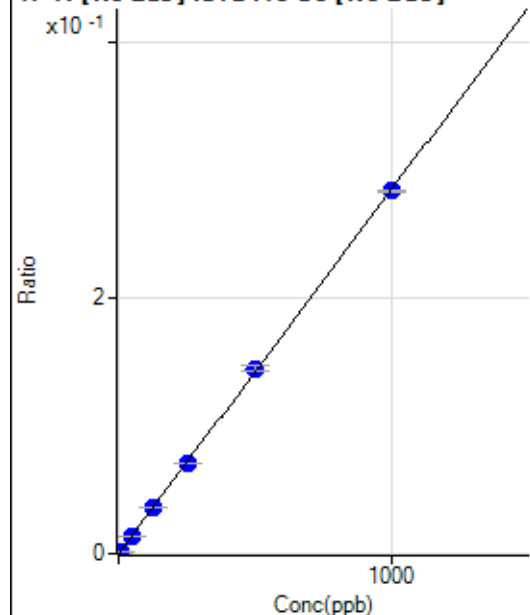
$$DL = 14.23$$

$$BEC = 137.5$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	144.45	0.0000	P	17.9
2	☐	0.500					
3	☐	5.000	4.294	5134.48	0.0013	P	2.4
4	☐	50.000	49.673	58576.03	0.0142	P	0.8
5	☐	125.000	125.174	144838.02	0.0356	P	1.3
6	☐	250.000	247.618	286760.50	0.0705	P	0.3
7	☐	500.000	508.520	553077.30	0.1447	P	3.7
8	☐	1000.000	996.333	1066138.07	0.2834	P	0.8
9	☐			844.51	0.0002	P	22.3

$$y = 2.8445E-004 * x + 3.6868E-005$$

$$R = 0.9999$$

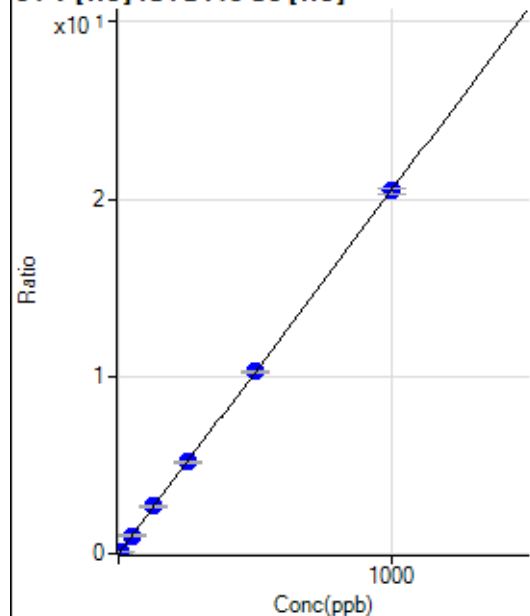
$$DL = 0.06956$$

$$BEC = 0.1296$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	17.78	0.0005	P	38.8
2	☐	0.500					
3	☐	5.000	4.558	3670.54	0.0939	P	3.3
4	☐	50.000	50.134	40605.49	1.0280	P	1.7
5	☐	125.000	129.909	101474.37	2.6630	P	4.6
6	☐	250.000	253.367	196351.59	5.1933	P	2.2
7	☐	500.000	500.139	379981.24	10.2509	P	1.7
8	☐	1000.000	998.471	730825.35	20.4643	P	1.3
9	☐			226.68	0.0064	P	5.3

$$y = 0.0205 * x + 4.7032E-004$$

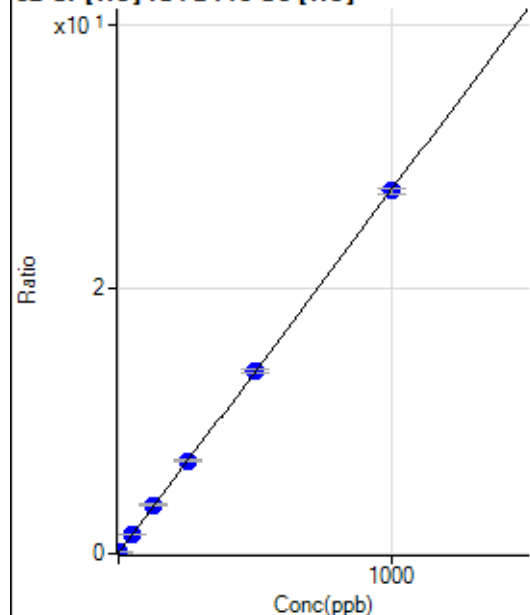
$$R = 1.0000$$

$$DL = 0.02674$$

$$BEC = 0.02295$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1010.05	0.0267	P	3.5
2	☐	0.200					
3	☐	2.000	1.838	3017.04	0.0772	P	3.2
4	☐	50.000	50.668	55987.14	1.4173	P	0.7
5	☐	125.000	132.332	139445.08	3.6587	P	3.7
6	☐	250.000	254.919	265527.84	7.0232	P	2.5
7	☐	500.000	501.124	510806.85	13.7805	P	1.9
8	☐	1000.000	997.258	978363.14	27.3972	P	1.7
9	☐			4503.03	0.1280	P	3.0

$$y = 0.0274 * x + 0.0267$$

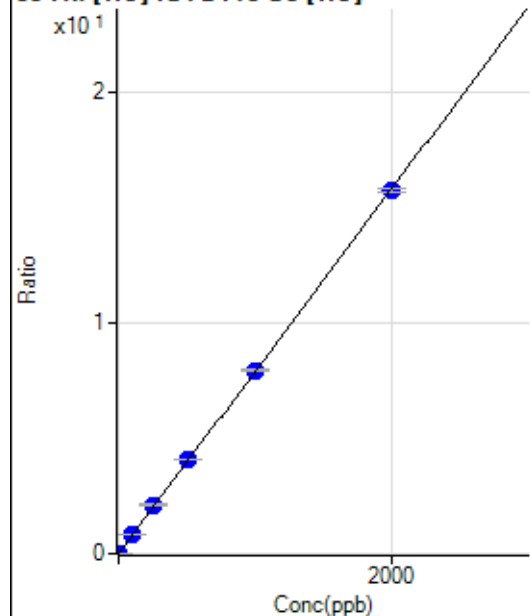
$$R = 1.0000$$

$$DL = 0.1018$$

$$BEC = 0.9742$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	64.44	0.0017	P	8.0
2	☐	0.100					
3	☐	1.000	1.008	377.79	0.0097	P	5.6
4	☐	100.000	103.165	32217.27	0.8156	P	1.3
5	☐	250.000	268.514	80801.85	2.1201	P	3.8
6	☐	500.000	517.234	154358.34	4.0823	P	1.6
7	☐	1000.000	1006.164	294316.25	7.9396	P	1.5
8	☐	2000.000	1990.137	560767.02	15.7025	P	1.2
9	☐			1483.44	0.0422	P	4.6

$$y = 0.0079 * x + 0.0017$$

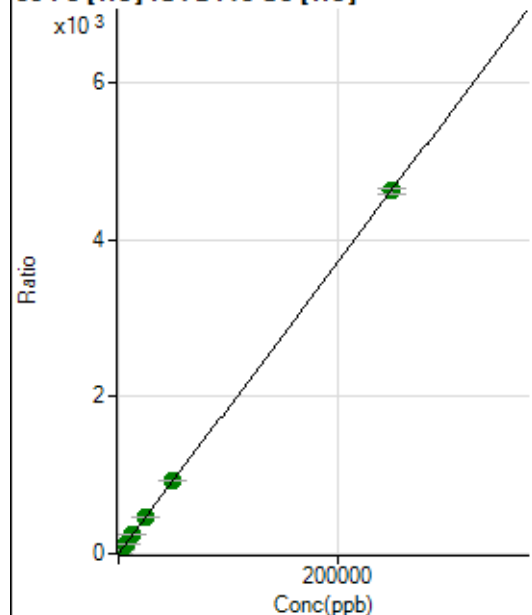
$$R = 0.9999$$

$$DL = 0.05191$$

$$BEC = 0.2162$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2531.78	0.0670	P	1.8
2	☐	5.000					
3	☐	50.000	45.701	35722.17	0.9139	P	2.0
4	☐	2500.000	2614.153	1916157.70	48.5088	A	0.5
5	☐	6250.000	6689.195	4727053.87	124.0216	A	3.6
6	☐	12500.000	12934.428	9064726.13	239.7493	A	1.9
7	☐	25000.000	25434.490	17471978.86	471.3826	A	2.4
8	☐	50000.000	50434.637	33379638.25	934.6496	A	0.7
9	☐	250000.00	249835.78	162896307.3	4,629.666	A	1.3

$$y = 0.0185 * x + 0.0670$$

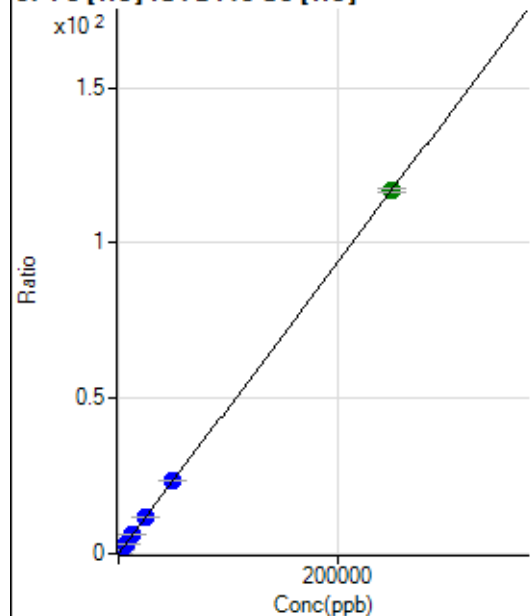
$$R = 1.0000$$

$$DL = 0.1956$$

$$BEC = 3.617$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	77.78	0.0021	P	21.2
2	☐	5.000					
3	☐	50.000	46.691	933.39	0.0239	P	6.2
4	☐	2500.000	2596.600	48031.15	1.2159	P	0.9
5	☐	6250.000	6706.956	119599.28	3.1375	P	3.3
6	☐	12500.000	12873.088	227633.14	6.0201	P	1.3
7	☐	25000.000	25315.632	438749.86	11.8369	P	2.1
8	☐	50000.000	50629.400	845330.81	23.6708	P	1.2
9	☐	250000.00	249811.51	4109818.73	116.7865	A	1.0

$$y = 4.6749E-004 * x + 0.0021$$

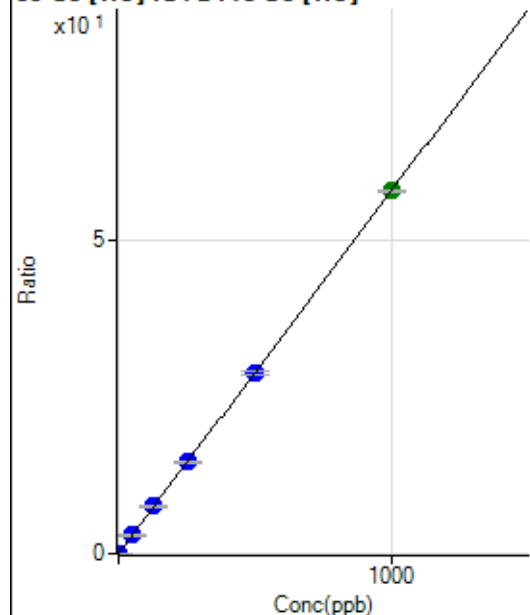
$$R = 1.0000$$

$$DL = 2.795$$

$$BEC = 4.403$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53.33	0.0014	P	6.0
2	☐	0.100					
3	☐	1.000	0.906	2105.75	0.0539	P	10.4
4	☐	50.000	50.353	115350.12	2.9202	P	1.0
5	☐	125.000	130.163	287620.17	7.5464	P	3.7
6	☐	250.000	253.208	555023.09	14.6788	P	1.4
7	☐	500.000	497.912	1069929.83	28.8632	P	1.5
8	☐	1000.000	999.579	2069353.37	57.9425	A	0.7
9	☐			2393.58	0.0680	P	6.3

$$y = 0.0580 * x + 0.0014$$

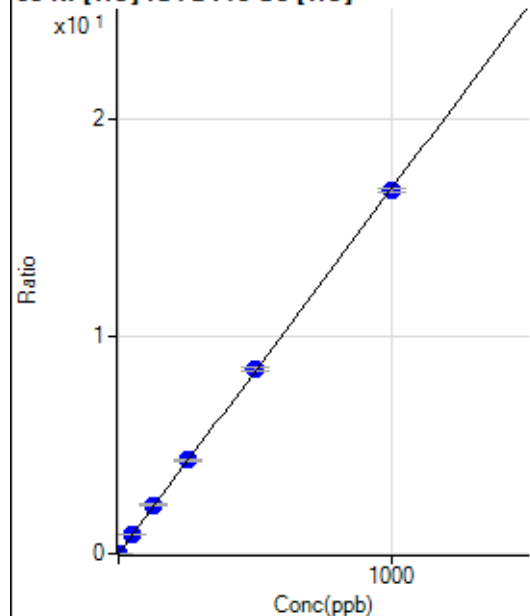
$$R = 1.0000$$

$$DL = 0.004376$$

$$BEC = 0.02435$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	177.78	0.0047	P	5.7
2	☐	0.100					
3	☐	1.000	0.933	795.59	0.0203	P	5.6
4	☐	50.000	51.233	34108.56	0.8635	P	0.7
5	☐	125.000	132.764	84978.27	2.2301	P	4.6
6	☐	250.000	257.017	163066.01	4.3129	P	2.3
7	☐	500.000	506.529	314898.34	8.4952	P	1.8
8	☐	1000.000	993.949	595158.80	16.6654	P	1.1
9	☐			1643.46	0.0467	P	5.0

$$y = 0.0168 * x + 0.0047$$

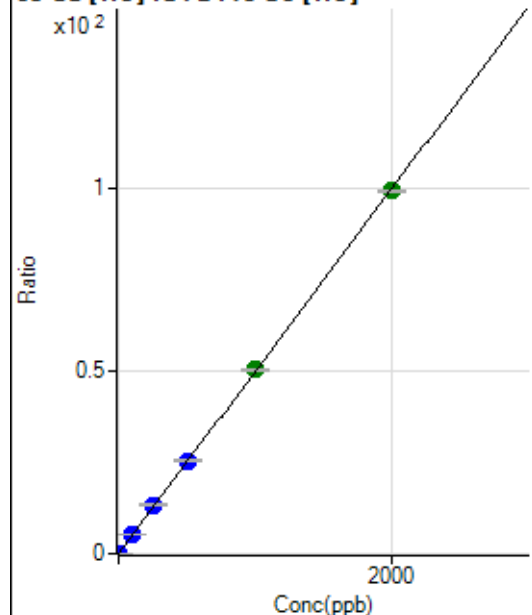
$$R = 0.9999$$

$$DL = 0.04808$$

$$BEC = 0.2807$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	416.68	0.0110	P	10.0
2	☐	0.200					
3	☐	2.000	2.196	4702.00	0.1203	P	2.6
4	☐	100.000	101.764	200444.20	5.0744	P	0.7
5	☐	250.000	263.756	500572.20	13.1344	P	3.9
6	☐	500.000	509.225	958368.80	25.3479	P	2.0
7	☐	1000.000	1010.996	1865167.63	50.3139	A	1.2
8	☐	2000.000	1990.388	3537212.14	99.0442	A	0.7
9	☐			5790.20	0.1646	P	1.2

$$y = 0.0498 * x + 0.0110$$

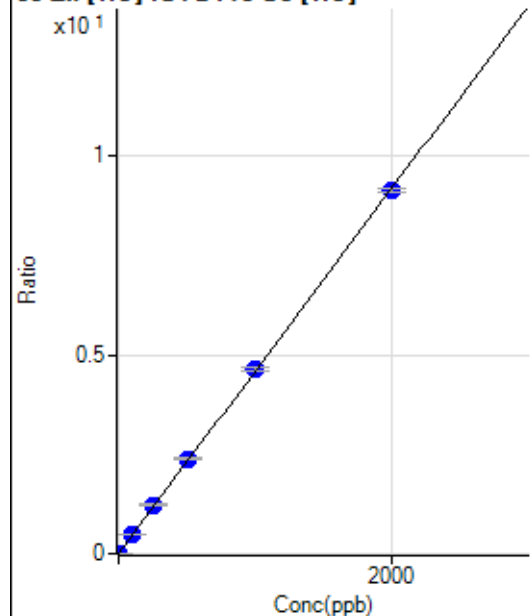
$$R = 0.9999$$

$$DL = 0.06647$$

$$BEC = 0.2217$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	58.89	0.0016	P	40.2
2	☐	0.200					
3	☐	2.000	1.895	401.13	0.0103	P	2.1
4	☐	100.000	102.951	18740.61	0.4744	P	1.9
5	☐	250.000	268.379	47028.49	1.2343	P	4.9
6	☐	500.000	519.411	90272.28	2.3873	P	1.3
7	☐	1000.000	1009.671	171951.90	4.6392	P	2.5
8	☐	2000.000	1987.867	326133.00	9.1323	P	1.1
9	☐			1674.57	0.0476	P	2.7

$$y = 0.0046 * x + 0.0016$$

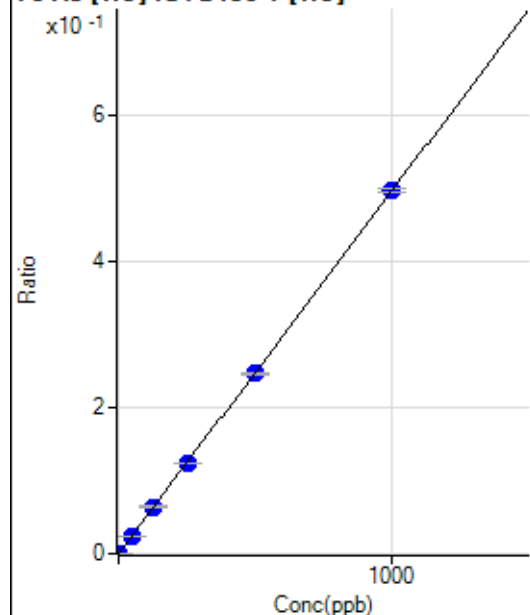
$$R = 0.9999$$

$$DL = 0.4089$$

$$BEC = 0.3393$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.17	0.0000	P	68.6
2	☐	0.100					
3	☐	1.000	0.903	130.87	0.0005	P	12.5
4	☐	50.000	48.896	6802.36	0.0243	P	0.8
5	☐	125.000	128.709	17411.67	0.0638	P	3.2
6	☐	250.000	249.209	33528.28	0.1236	P	1.1
7	☐	500.000	496.812	64329.48	0.2463	P	0.5
8	☐	1000.000	1001.383	122874.78	0.4964	P	1.1
9	☐			41.98	0.0002	P	37.3

$$y = 4.9570\text{E-}004 * x + 2.2593\text{E-}005$$

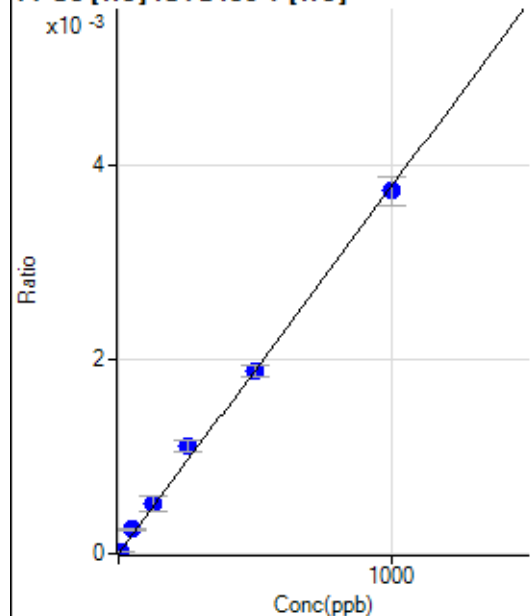
$$R = 1.0000$$

$$DL = 0.09384$$

$$BEC = 0.04558$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	5.263	5.55	0.0000	P	68.9
4	☐	50.000	65.990	70.00	0.0002	P	5.1
5	☐	125.000	135.472	140.00	0.0005	P	32.9
6	☐	250.000	295.191	303.34	0.0011	P	10.4
7	☐	500.000	496.945	491.13	0.0019	P	6.6
8	☐	1000.000	988.120	925.60	0.0037	P	8.0
9	☐			2.22	0.0000	P	173.

$$y = 3.7838\text{E-}006 * x + 0.0000\text{E+}000$$

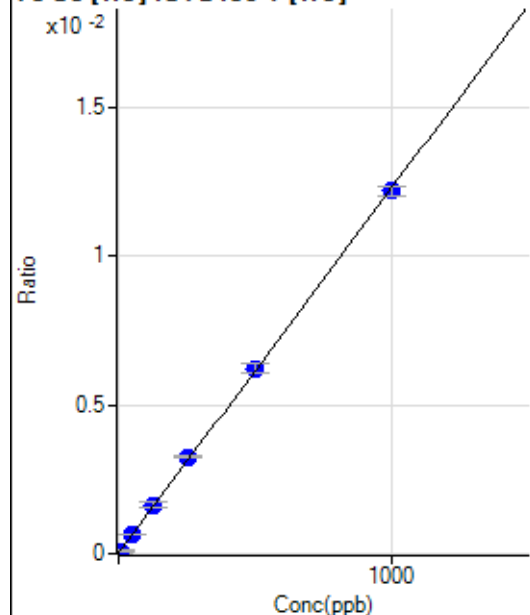
$$R = 0.9988$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.94	0.0000	P	22.3
2	☐	0.500					
3	☐	5.000	5.908	25.31	0.0001	P	44.2
4	☐	50.000	51.761	183.34	0.0007	P	4.9
5	☐	125.000	132.692	449.39	0.0016	P	8.3
6	☐	250.000	264.124	885.22	0.0033	P	2.2
7	☐	500.000	505.844	1627.27	0.0062	P	4.7
8	☐	1000.000	992.493	3021.96	0.0122	P	2.6
9	☐			8.64	0.0000	P	53.7

$$y = 1.2283\text{E-}005 * x + 1.8162\text{E-}005$$

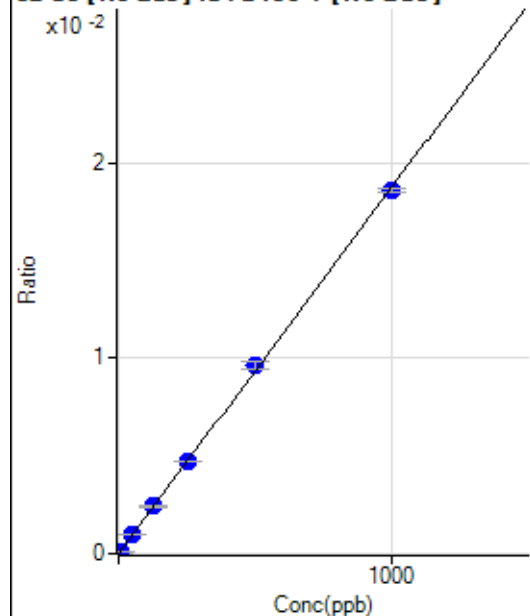
$$R = 0.9999$$

$$DL = 0.989$$

$$BEC = 1.479$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-88.25	0.0000	P	-42.
2	☐	0.500					
3	☐	5.000	4.314	524.40	0.0001	P	9.6
4	☐	50.000	51.124	7224.51	0.0009	P	1.4
5	☐	125.000	128.963	18226.53	0.0024	P	1.1
6	☐	250.000	250.732	35661.92	0.0047	P	0.2
7	☐	500.000	515.347	69703.71	0.0096	P	4.6
8	☐	1000.000	991.595	133131.93	0.0185	P	0.9
9	☐			10.65	0.0000	P	126.

$$y = 1.8717\text{E-}005 * x - 1.1908\text{E-}005$$

$$R = 0.9998$$

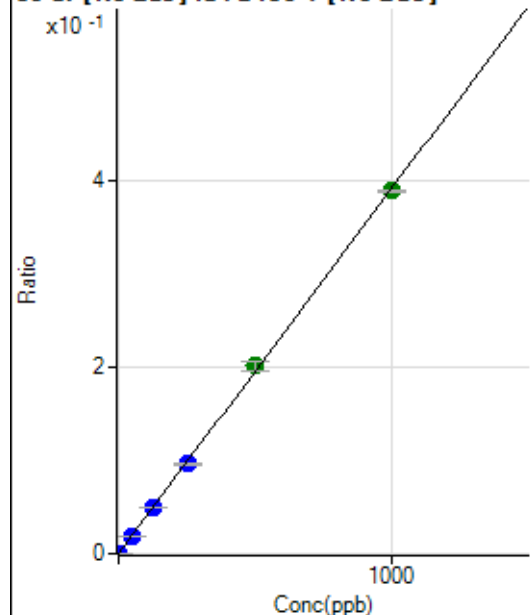
$$DL = 0.8069$$

$$BEC = -0.6362$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1011.19	0.0001	P	7.4
2	☐	0.100					
3	☐	1.000	0.857	3589.53	0.0005	P	3.5
4	☐	50.000	48.816	146868.72	0.0192	P	1.3
5	☐	125.000	125.009	371719.38	0.0490	P	0.1
6	☐	250.000	245.019	730399.96	0.0959	P	0.3
7	☐	500.000	514.311	1454701.79	0.2011	A	5.3
8	☐	1000.000	994.148	2789304.94	0.3886	A	0.7
9	☐			92311.17	0.0133	P	1.5

$$y = 3.9075E-004 * x + 1.3659E-004$$

$$R = 0.9998$$

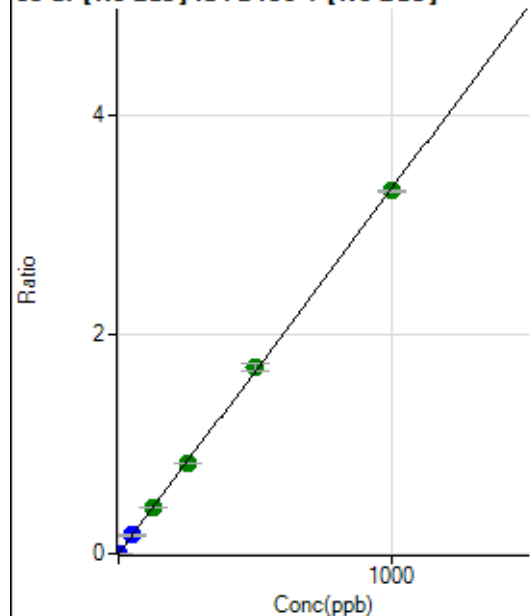
$$DL = 0.07775$$

$$BEC = 0.3495$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	302.80	0.0000	P	10.5
2	☐	0.100					
3	☐	1.000	0.913	23476.48	0.0031	P	1.9
4	☐	50.000	50.076	1276002.90	0.1669	P	0.1
5	☐	125.000	127.433	3222710.06	0.4247	A	0.8
6	☐	250.000	248.175	6300607.91	0.8270	A	0.3
7	☐	500.000	511.087	12324895.76	1.7032	A	4.0
8	☐	1000.000	994.605	23790493.76	3.3144	A	0.2
9	☐			799677.14	0.1151	P	1.9

$$y = 0.0033 * x + 4.0892E-005$$

$$R = 0.9999$$

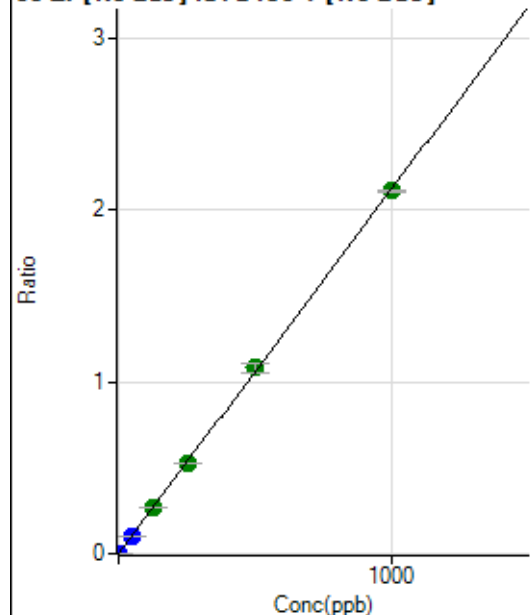
$$DL = 0.003884$$

$$BEC = 0.01227$$

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	422.25	0.0001	P	19.4
2	☐	0.100					
3	☐	1.000	0.824	13738.01	0.0018	P	1.1
4	☐	50.000	49.192	798165.58	0.1044	P	0.9
5	☐	125.000	126.360	2034438.22	0.2681	A	1.0
6	☐	250.000	247.842	4005509.81	0.5258	A	0.7
7	☐	500.000	510.000	7826912.50	1.0819	A	5.0
8	☐	1000.000	995.410	15156247.91	2.1116	A	0.8
9	☐			3128.28	0.0005	P	1.2

$$y = 0.0021 * x + 5.6984E-005$$

$$R = 0.9999$$

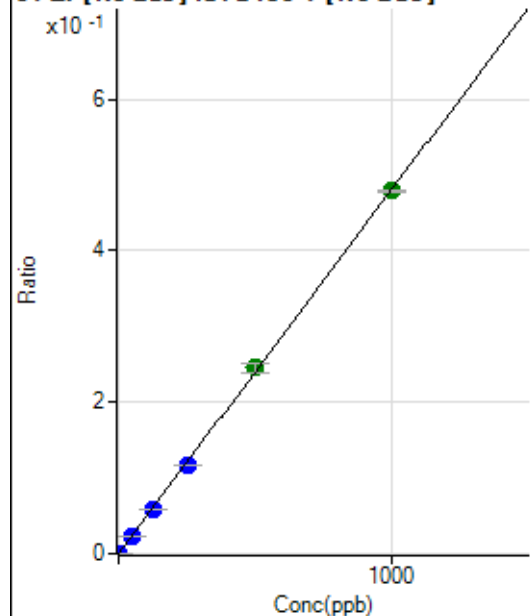
$$DL = 0.01567$$

$$BEC = 0.02686$$

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	97.23	0.0000	P	10.8
2	☐	0.100					
3	☐	1.000	0.792	2994.91	0.0004	P	4.4
4	☐	50.000	47.854	175716.87	0.0230	P	1.4
5	☐	125.000	122.316	445693.95	0.0587	P	0.3
6	☐	250.000	241.740	884147.24	0.1161	P	0.9
7	☐	500.000	510.593	1772942.55	0.2451	A	5.8
8	☐	1000.000	997.212	3436307.50	0.4787	A	0.3
9	☐			686.16	0.0001	P	25.2

$$y = 4.8006E-004 * x + 1.3143E-005$$

$$R = 0.9999$$

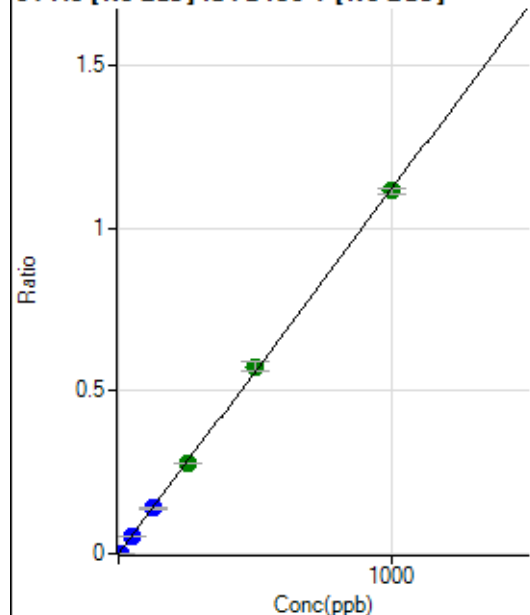
$$DL = 0.00883$$

$$BEC = 0.02738$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	252.79	0.0000	P	22.0
2	☐	0.500					
3	☐	5.000	1.836	15918.33	0.0021	P	1.3
4	☐	50.000	48.664	416895.88	0.0545	P	0.6
5	☐	125.000	123.975	1053845.22	0.1389	P	0.4
6	☐	250.000	247.305	2110084.12	0.2770	A	0.7
7	☐	500.000	511.685	4145578.48	0.5731	A	5.2
8	☐	1000.000	995.042	7998474.92	1.1144	A	1.4
9	☐			3889.63	0.0006	P	4.8

$$y = 0.0011 * x + 3.4132E-005$$

$$R = 0.9999$$

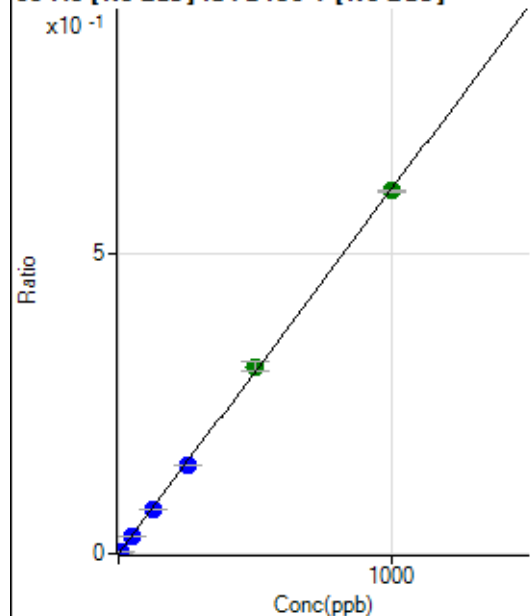
$$DL = 0.02007$$

$$BEC = 0.03048$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	27.0
2	☐	0.500					
3	☐	5.000	4.168	19322.74	0.0025	P	1.5
4	☐	50.000	48.062	222702.35	0.0291	P	0.7
5	☐	125.000	122.786	564606.55	0.0744	P	0.9
6	☐	250.000	241.328	1113952.90	0.1462	P	0.1
7	☐	500.000	514.224	2253868.65	0.3116	A	5.1
8	☐	1000.000	995.434	4328978.53	0.6031	A	0.6
9	☐			4364.81	0.0006	P	4.5

$$y = 6.0587E-004 * x + 1.2381E-005$$

$$R = 0.9998$$

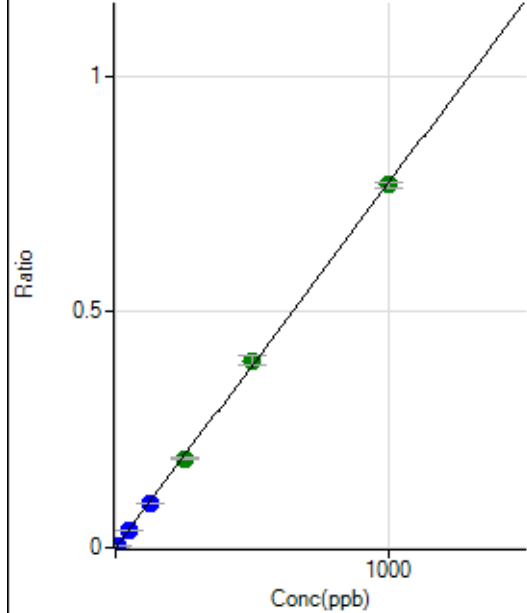
$$DL = 0.01655$$

$$BEC = 0.02044$$

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	241.68	0.0000	P	9.6
2	☐	0.500					
3	☐	5.000	3.649	21737.69	0.0029	P	1.1
4	☐	50.000	48.568	287340.78	0.0376	P	0.7
5	☐	125.000	123.243	723376.19	0.0953	P	0.8
6	☐	250.000	244.549	1440733.77	0.1891	A	1.0
7	☐	500.000	513.547	2872253.77	0.3971	A	5.7
8	☐	1000.000	994.888	5521698.17	0.7693	A	1.3
9	☐			7202.25	0.0010	P	4.1

$$y = 7.7324\text{E-}004 * x + 3.2634\text{E-}005$$

$$R = 0.9998$$

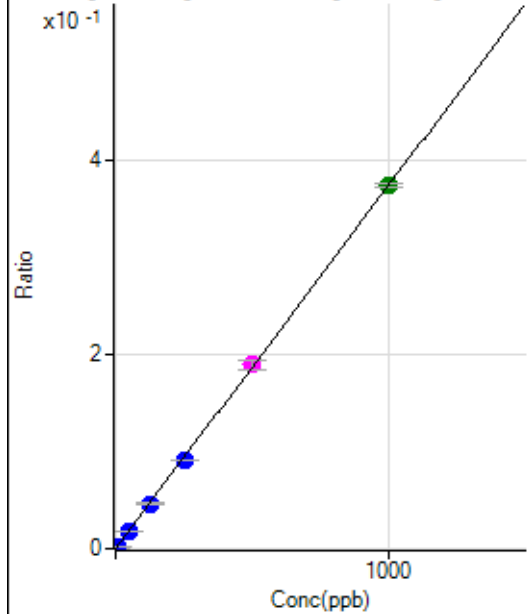
$$DL = 0.01213$$

$$BEC = 0.04221$$

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	163.90	0.0000	P	8.3
2	☐	0.500					
3	☐	5.000	4.232	12217.19	0.0016	P	1.1
4	☐	50.000	48.453	138638.13	0.0181	P	0.6
5	☐	125.000	124.088	352177.62	0.0464	P	1.1
6	☐	250.000	243.468	693527.13	0.0910	P	0.2
7	☐	500.000	505.653	1367778.42	0.1890	M	4.6
8	☐	1000.000	999.001	2680597.26	0.3735	A	1.1
9	☐			2736.51	0.0004	P	7.5

$$y = 3.7382\text{E-}004 * x + 2.2149\text{E-}005$$

$$R = 1.0000$$

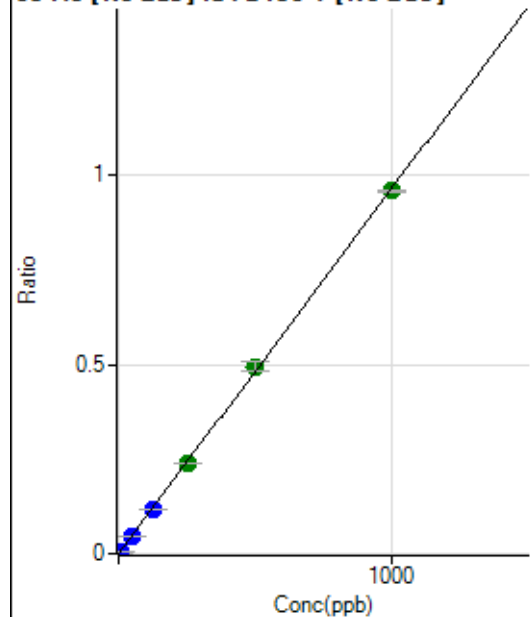
$$DL = 0.01476$$

$$BEC = 0.05925$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	32.6
2	☐	0.500					
3	☐	5.000	4.275	31484.76	0.0041	P	2.5
4	☐	50.000	48.672	358554.30	0.0469	P	0.9
5	☐	125.000	123.284	901368.80	0.1188	P	0.1
6	☐	250.000	247.292	1814953.84	0.2382	A	0.2
7	☐	500.000	512.858	3574138.97	0.4941	A	5.1
8	☐	1000.000	994.533	6876893.82	0.9581	A	0.6
9	☐			6804.81	0.0010	P	6.5

$$y = 9.6334\text{E-}004 * x + 1.5762\text{E-}005$$

$$R = 0.9999$$

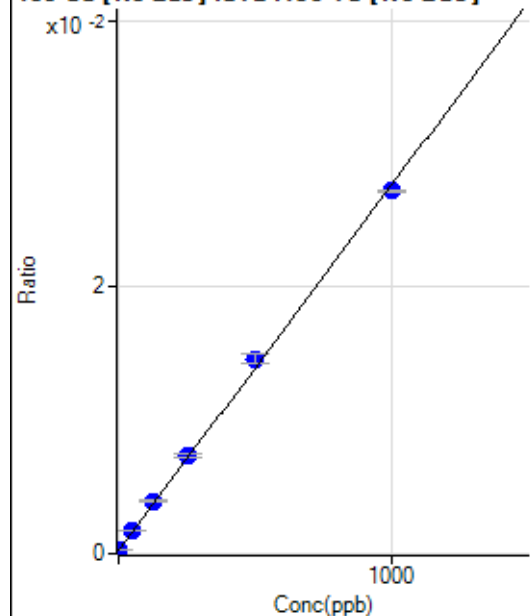
$$DL = 0.016$$

$$BEC = 0.01636$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1969.68	0.0003	P	2.5
2	☐	0.100					
3	☐	1.000	0.165	2044.70	0.0003	P	8.5
4	☐	50.000	53.129	13888.31	0.0017	P	0.9
5	☐	125.000	135.208	32336.99	0.0040	P	0.9
6	☐	250.000	259.280	60826.85	0.0074	P	2.2
7	☐	500.000	524.079	118598.06	0.0146	P	4.5
8	☐	1000.000	984.209	227268.02	0.0272	P	0.2
9	☐			1727.97	0.0002	P	3.6

$$y = 2.7388\text{E-}005 * x + 2.5179\text{E-}004$$

$$R = 0.9995$$

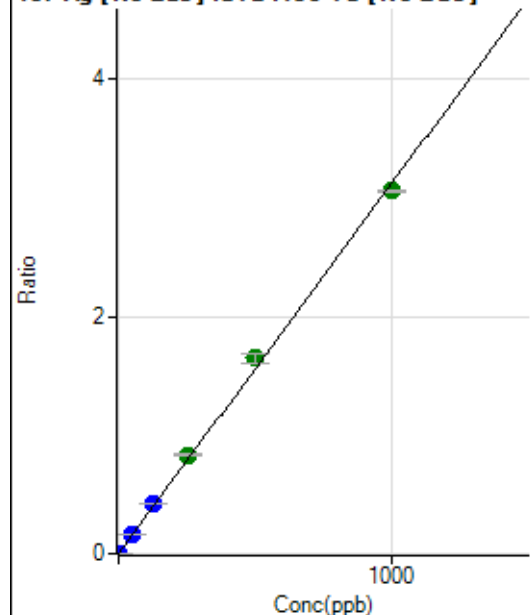
$$DL = 0.7009$$

$$BEC = 9.193$$

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	163.90	0.0000	P	17.3
2	☐	0.100					
3	☐	1.000	1.299	32507.27	0.0041	P	2.9
4	☐	50.000	54.019	1371475.31	0.1686	P	0.3
5	☐	125.000	134.099	3421075.92	0.4184	P	0.6
6	☐	250.000	266.172	6870506.64	0.8305	A	1.7
7	☐	500.000	527.660	13366935.43	1.6463	A	4.9
8	☐	1000.000	980.789	25560691.37	3.0601	A	0.7
9	☐			2644.67	0.0003	P	12.9

$$y = 0.0031 * x + 2.0930E-005$$

$$R = 0.9993$$

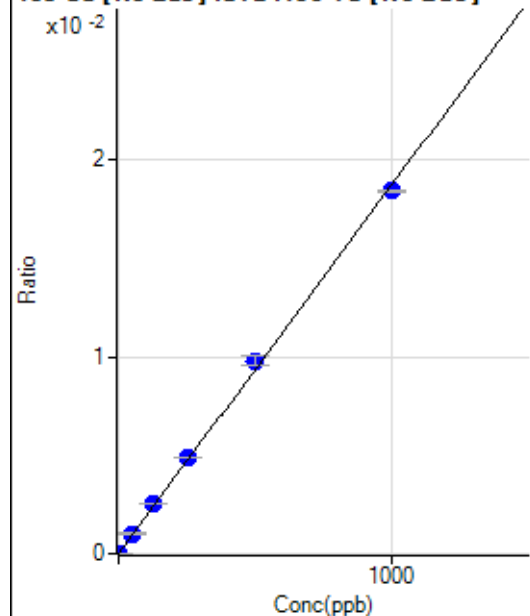
$$DL = 0.003472$$

$$BEC = 0.006708$$

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	19.44	0.0000	P	33.2
2	☐	0.100					
3	☐	1.000	0.974	165.28	0.0000	P	9.3
4	☐	50.000	54.307	8287.41	0.0010	P	1.8
5	☐	125.000	134.138	20540.89	0.0025	P	1.6
6	☐	250.000	259.531	40193.49	0.0049	P	1.0
7	☐	500.000	523.022	79471.48	0.0098	P	4.7
8	☐	1000.000	984.749	153914.41	0.0184	P	0.5
9	☐			26.39	0.0000	P	50.4

$$y = 1.8709E-005 * x + 2.4877E-006$$

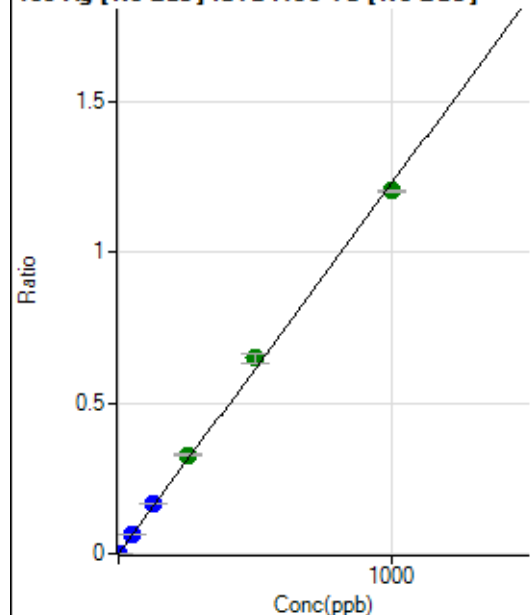
$$R = 0.9995$$

$$DL = 0.1326$$

$$BEC = 0.133$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	37.5
2	☐	0.100					
3	☐	1.000	1.293	12709.30	0.0016	P	3.4
4	☐	50.000	53.889	538048.05	0.0661	P	0.3
5	☐	125.000	133.566	1340036.85	0.1639	P	0.7
6	☐	250.000	266.019	2700394.59	0.3264	A	1.6
7	☐	500.000	528.105	5261045.30	0.6480	A	5.0
8	☐	1000.000	980.677	10051042.93	1.2033	A	0.8
9	☐			1066.76	0.0001	P	7.3

$$y = 0.0012 * x + 7.0985E-006$$

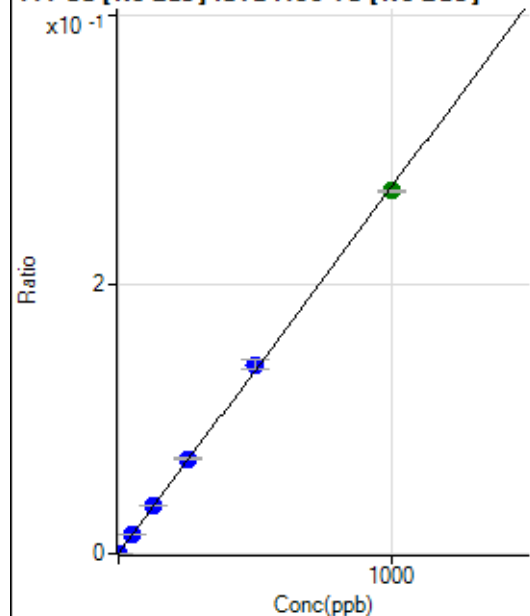
$$R = 0.9992$$

$$DL = 0.006501$$

$$BEC = 0.005785$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1386.00	0.0002	P	2.3
2	☐	0.100					
3	☐	1.000	0.880	3321.34	0.0004	P	6.4
4	☐	50.000	52.735	118033.85	0.0145	P	1.3
5	☐	125.000	131.320	293217.34	0.0359	P	0.7
6	☐	250.000	257.595	580571.03	0.0702	P	1.2
7	☐	500.000	515.208	1138128.86	0.1402	P	4.9
8	☐	1000.000	989.571	2247619.41	0.2691	A	0.5
9	☐			1568.89	0.0002	P	2.9

$$y = 2.7173E-004 * x + 1.7717E-004$$

$$R = 0.9998$$

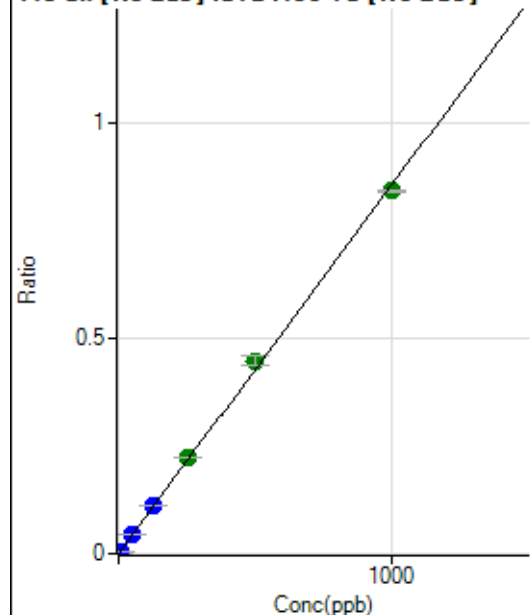
$$DL = 0.04465$$

$$BEC = 0.652$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1591.83	0.0002	P	6.4
2	☐	0.500					
3	☐	5.000	4.587	32894.21	0.0041	P	1.6
4	☐	50.000	51.882	362334.06	0.0445	P	0.4
5	☐	125.000	129.731	907969.76	0.1110	P	0.7
6	☐	250.000	261.905	1853094.90	0.2240	A	0.8
7	☐	500.000	522.748	3628168.70	0.4468	A	4.8
8	☐	1000.000	984.966	7031373.25	0.8418	A	0.6
9	☐			5884.94	0.0007	P	9.0

$$y = 8.5441\text{E-}004 * x + 2.0353\text{E-}004$$

$$R = 0.9995$$

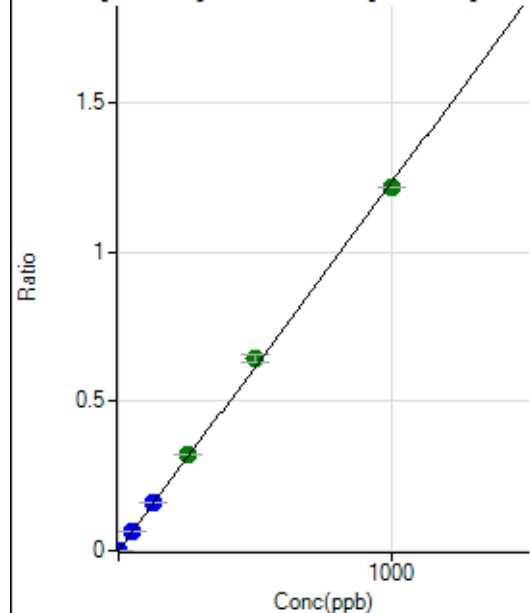
$$DL = 0.04582$$

$$BEC = 0.2382$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.34	0.0000	P	57.9
2	☐	0.200					
3	☐	2.000	1.828	18037.83	0.0023	P	2.9
4	☐	50.000	51.717	518791.09	0.0638	P	0.3
5	☐	125.000	130.120	1311586.92	0.1604	P	0.6
6	☐	250.000	260.896	2660953.64	0.3216	A	1.0
7	☐	500.000	520.978	5215614.83	0.6422	A	4.1
8	☐	1000.000	986.062	10153661.69	1.2156	A	0.0
9	☐			21359.66	0.0026	P	2.9

$$y = 0.0012 * x + 7.4804\text{E-}006$$

$$R = 0.9996$$

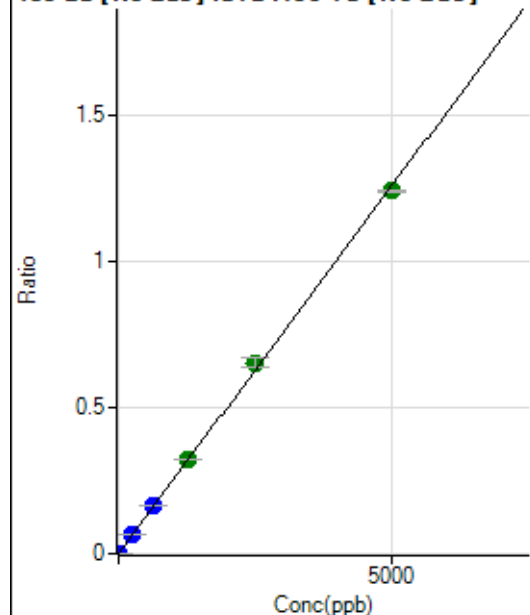
$$DL = 0.01053$$

$$BEC = 0.006068$$

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	94.45	0.0000	P	20.2
2	☐	1.000					
3	☐	10.000	9.104	18338.40	0.0023	P	0.3
4	☐	250.000	257.329	525854.94	0.0646	P	0.5
5	☐	625.000	645.147	1324696.81	0.1620	P	1.0
6	☐	1250.000	1285.657	2671203.27	0.3229	A	0.6
7	☐	2500.000	2601.713	5305632.80	0.6533	A	4.3
8	☐	5000.000	4937.346	10356533.39	1.2398	A	0.5
9	☐			3467.28	0.0004	P	7.7

$$y = 2.5111\text{E-}004 * x + 1.2070\text{E-}005$$

$$R = 0.9997$$

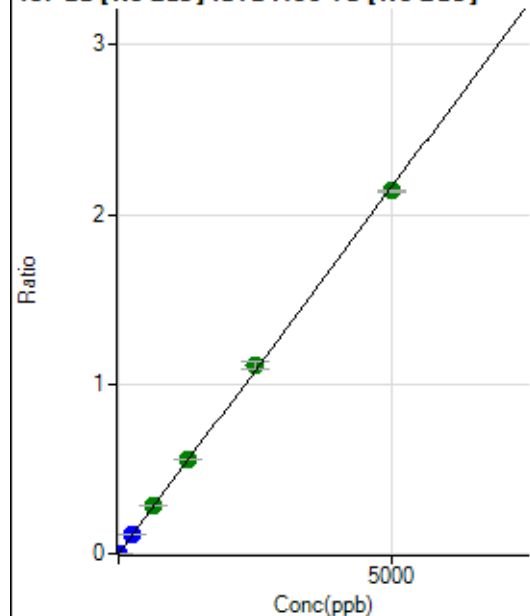
$$DL = 0.0291$$

$$BEC = 0.04806$$

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	108.34	0.0000	P	21.2
2	☐	1.000					
3	☐	10.000	9.163	31708.45	0.0040	P	1.3
4	☐	250.000	257.049	904003.85	0.1111	P	1.0
5	☐	625.000	651.215	2301399.94	0.2815	A	0.2
6	☐	1250.000	1283.128	4588095.50	0.5546	A	1.0
7	☐	2500.000	2575.543	9039927.89	1.1131	A	4.1
8	☐	5000.000	4950.319	17871287.21	2.1395	A	0.2
9	☐			6329.55	0.0008	P	6.0

$$y = 4.3219\text{E-}004 * x + 1.3862\text{E-}005$$

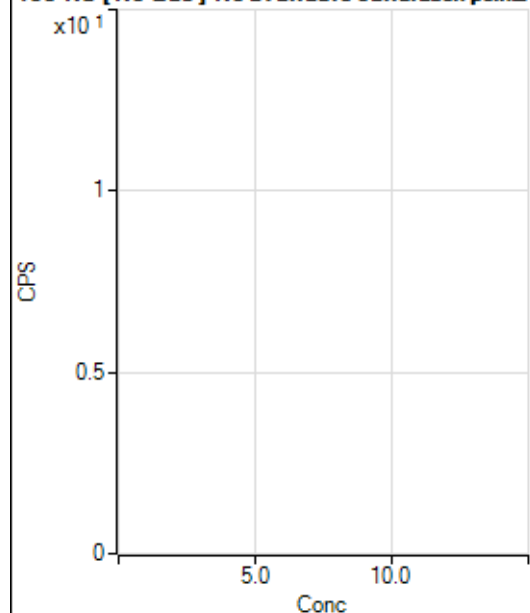
$$R = 0.9998$$

$$DL = 0.02039$$

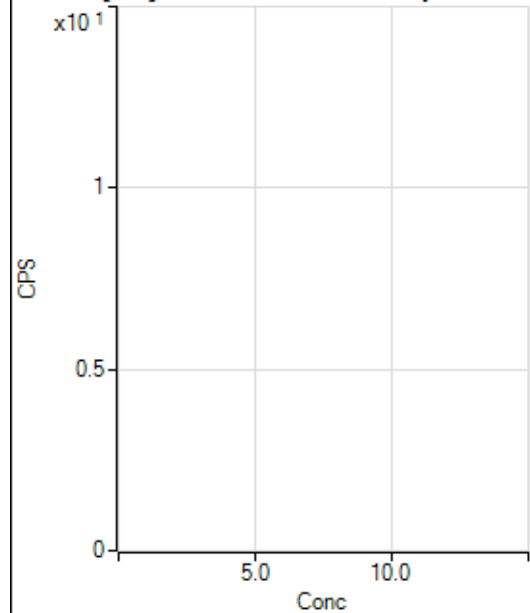
$$BEC = 0.03207$$

Weight: <None>

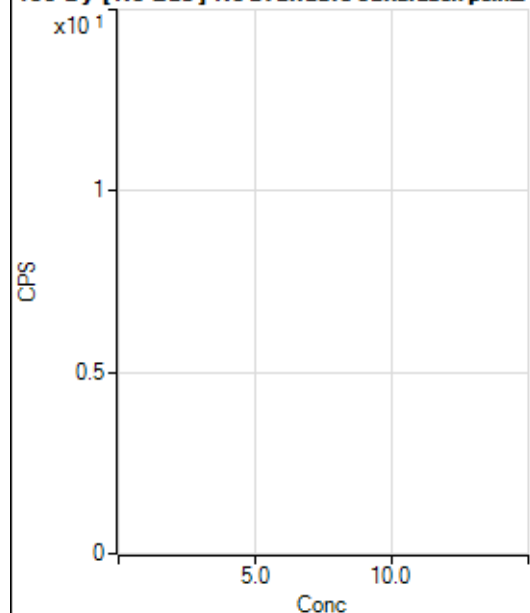
Min Conc: 0

150 Nd [No Gas] No available calibration points

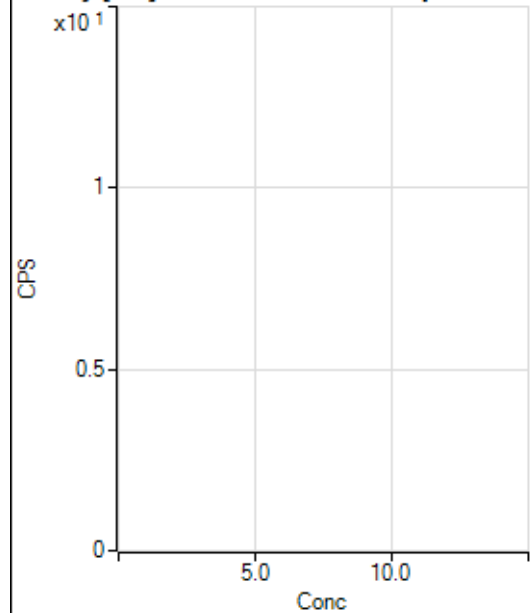
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	34.6
2	☐						
3	☐			11.11		P	91.7
4	☐			28.89		P	48.0
5	☐			71.12		P	67.8
6	☐			122.23		P	24.6
7	☐			191.12		P	14.5
8	☐			413.36		P	12.2
9	☐			97.78		P	37.6

150 Nd [He] No available calibration points

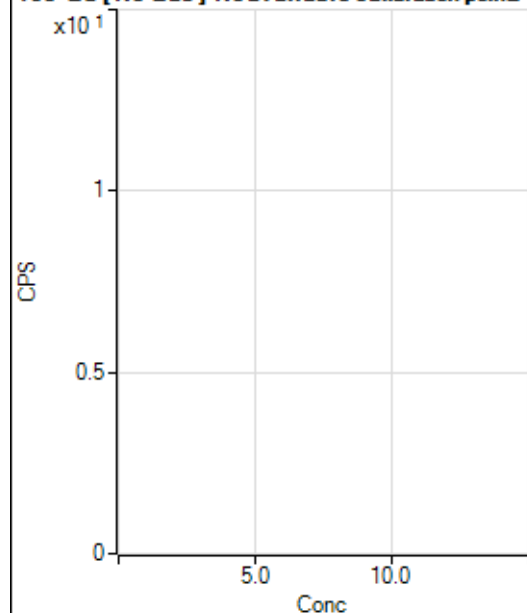
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.22		P	86.6
4	☐			0.00		P	
5	☐			1.11		P	173.
6	☐			5.56		P	34.7
7	☐			2.22		P	86.6
8	☐			10.00		P	88.2
9	☐			13.33		P	25.0

156 Dy [No Gas] No available calibration points

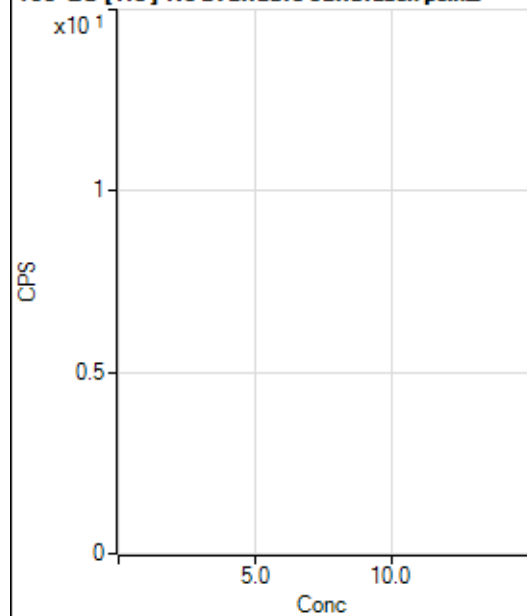
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐						
3	☐			13.89		P	34.7
4	☐			30.55		P	68.6
5	☐			25.00		P	88.2
6	☐			61.11		P	43.8
7	☐			97.23		P	13.1
8	☐			152.79		P	22.0
9	☐			86.12		P	24.4

156 Dy [He] No available calibration points

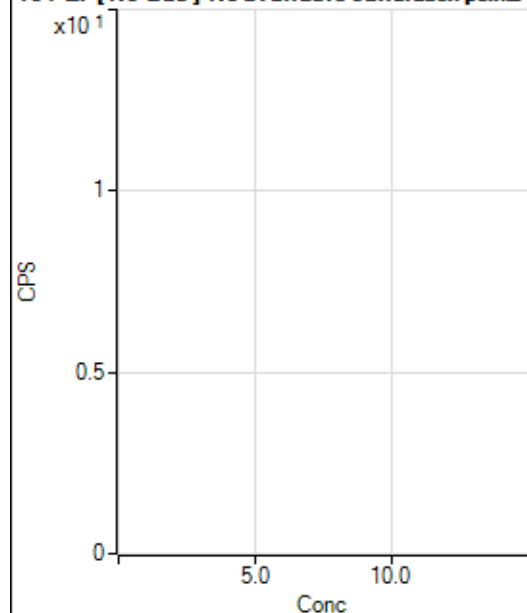
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.
5	☐			8.89		P	43.3
6	☐			4.44		P	43.4
7	☐			20.00		P	16.7
8	☐			20.00		P	28.9
9	☐			16.67		P	34.6

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

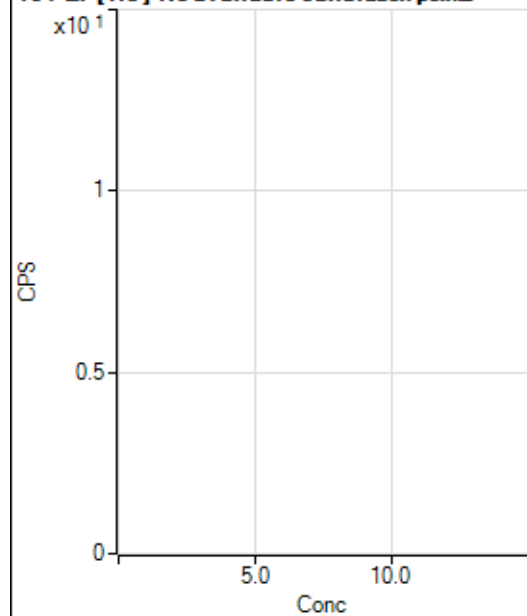
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			100.01		P	14.4
2	☐						
3	☐			61.11		P	28.4
4	☐			83.34		P	26.5
5	☐			88.89		P	5.4
6	☐			113.89		P	18.4
7	☐			108.34		P	7.7
8	☐			177.79		P	17.7
9	☐			83.34		P	50.0

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	43.3
2	☐						
3	☐			7.78		P	49.5
4	☐			8.89		P	57.3
5	☐			14.44		P	35.3
6	☐			11.11		P	75.5
7	☐			27.78		P	25.0
8	☐			41.11		P	16.9
9	☐			27.78		P	54.1

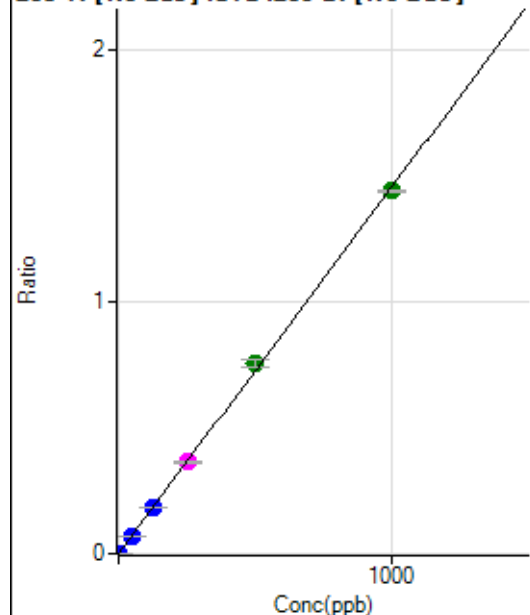
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	96.4
2	☐						
3	☐			52.78		P	36.5
4	☐			36.11		P	13.3
5	☐			44.45		P	47.2
6	☐			47.22		P	10.2
7	☐			58.34		P	51.5
8	☐			83.34		P	10.0
9	☐			58.34		P	14.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐						
3	☐			7.78		P	65.5
4	☐			6.67		P	86.6
5	☐			5.56		P	34.7
6	☐			6.66		P	86.6
7	☐			10.00		P	120.
8	☐			15.55		P	44.6
9	☐			8.89		P	108.

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0000	P	45.4
2	☐	0.100					
3	☐	1.000	0.940	6149.01	0.0014	P	4.5
4	☐	50.000	48.991	324705.17	0.0713	P	0.6
5	☐	125.000	125.147	829252.26	0.1821	P	0.5
6	☐	250.000	249.713	1686273.17	0.3633	M	0.4
7	☐	500.000	518.751	3486699.69	0.7547	A	3.6
8	☐	1000.000	990.728	6895000.85	1.4413	A	0.8
9	☐			2075.28	0.0005	P	3.9

$$y = 0.0015 * x + 2.1692E-005$$

$$R = 0.9997$$

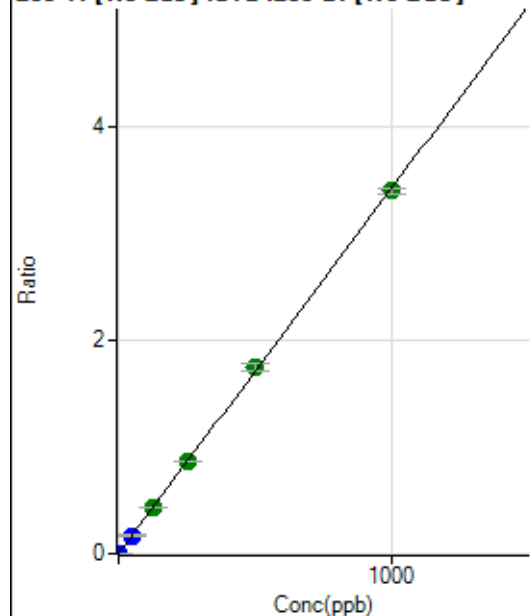
$$DL = 0.0203$$

$$BEC = 0.01491$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	236.12	0.0001	P	26.7
2	☐	0.100					
3	☐	1.000	0.916	14114.03	0.0032	P	4.6
4	☐	50.000	49.809	776950.24	0.1706	P	1.2
5	☐	125.000	127.654	1990741.56	0.4371	A	0.2
6	☐	250.000	252.582	4014063.85	0.8648	A	0.7
7	☐	500.000	511.359	8087612.16	1.7508	A	4.1
8	☐	1000.000	993.353	16270221.72	3.4009	A	1.3
9	☐			5273.54	0.0012	P	6.5

$$y = 0.0034 * x + 5.4258E-005$$

$$R = 0.9999$$

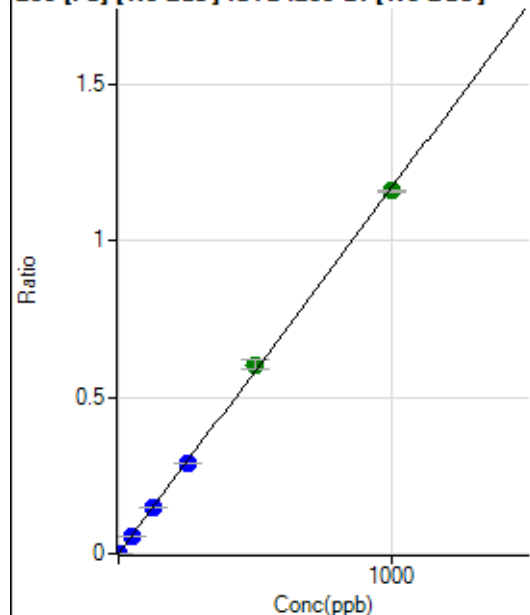
$$DL = 0.0127$$

$$BEC = 0.01585$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	472.25	0.0001	P	11.6
2	☐	0.100					
3	☐	1.000	1.089	6118.33	0.0014	P	3.9
4	☐	50.000	49.208	262625.80	0.0577	P	1.5
5	☐	125.000	124.801	665304.80	0.1461	P	0.2
6	☐	250.000	246.574	1339123.44	0.2885	P	0.6
7	☐	500.000	517.790	2797818.17	0.6057	A	4.6
8	☐	1000.000	992.026	5551353.54	1.1604	A	0.5
9	☐			10599.17	0.0024	P	4.1

$$y = 0.0012 * x + 1.0842E-004$$

$$R = 0.9998$$

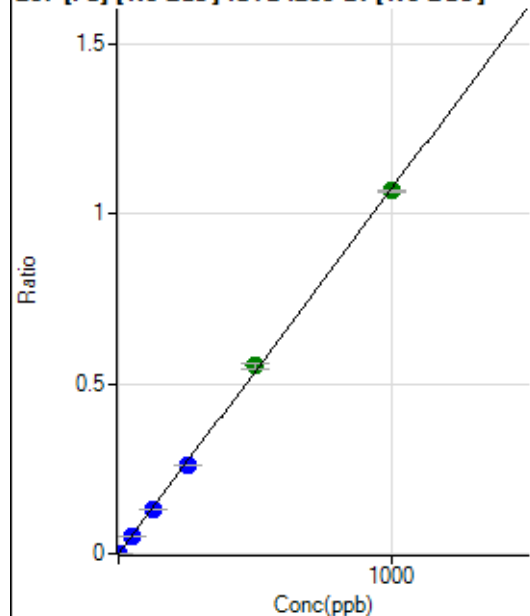
$$DL = 0.03232$$

$$BEC = 0.0927$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	401.87	0.0001	P	14.2
2	☐	0.100					
3	☐	1.000	1.058	5434.66	0.0012	P	1.1
4	☐	50.000	48.622	238071.74	0.0523	P	1.2
5	☐	125.000	123.258	602860.91	0.1324	P	0.4
6	☐	250.000	243.416	1212867.55	0.2613	P	1.3
7	☐	500.000	514.355	2550696.50	0.5521	A	3.5
8	☐	1000.000	994.755	5107501.27	1.0676	A	0.7
9	☐			9324.03	0.0021	P	1.4

$$y = 0.0011 * x + 9.2256E-005$$

$$R = 0.9998$$

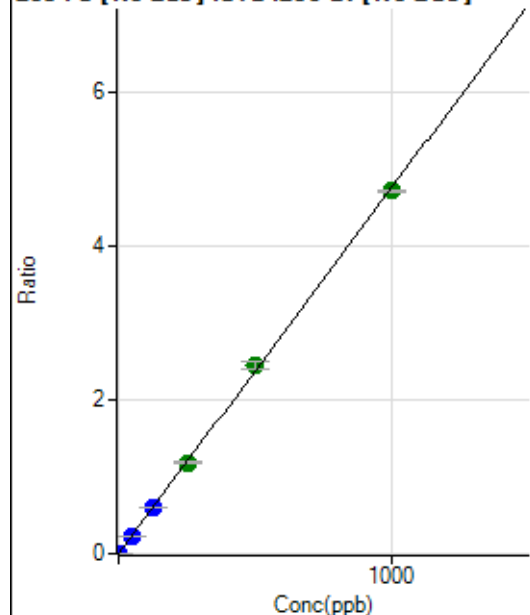
$$DL = 0.03668$$

$$BEC = 0.08597$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1811.23	0.0004	P	6.9
2	☐	0.100					
3	☐	1.000	1.081	24561.88	0.0055	P	1.4
4	☐	50.000	49.327	1068869.57	0.2347	P	1.3
5	☐	125.000	124.957	2704755.44	0.5939	P	0.2
6	☐	250.000	249.492	5501637.58	1.1853	A	1.1
7	☐	500.000	516.465	11332404.04	2.4532	A	4.2
8	☐	1000.000	991.934	22539237.71	4.7114	A	0.2
9	☐			42518.02	0.0095	P	1.3

$$y = 0.0047 * x + 4.1597E-004$$

$$R = 0.9998$$

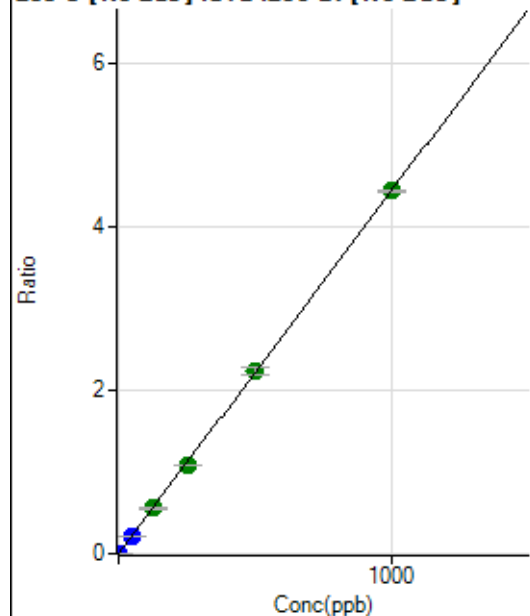
$$DL = 0.018$$

$$BEC = 0.08759$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0000	P	23.1
2	☐	0.100					
3	☐	1.000	0.852	16912.15	0.0038	P	2.9
4	☐	50.000	47.855	969834.51	0.2129	P	0.5
5	☐	125.000	124.692	2526630.20	0.5548	A	0.4
6	☐	250.000	243.710	5032586.01	1.0842	A	0.7
7	☐	500.000	504.019	10359693.37	2.2423	A	3.8
8	☐	1000.000	999.709	21276678.08	4.4475	A	0.7
9	☐			1666.87	0.0004	P	10.2

$$y = 0.0044 * x + 3.3134E-005$$

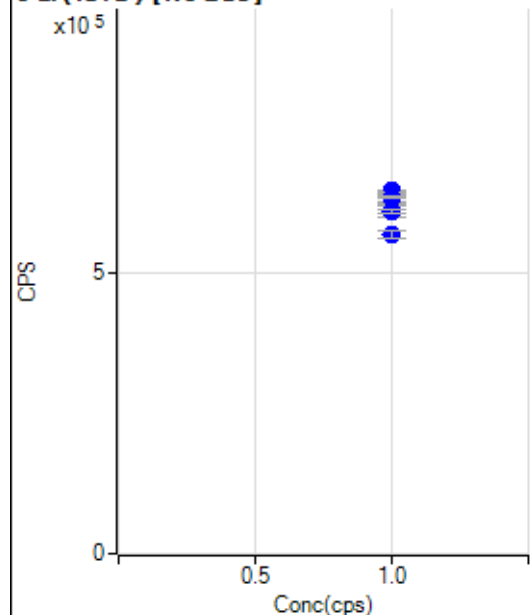
$$R = 1.0000$$

$$DL = 0.005152$$

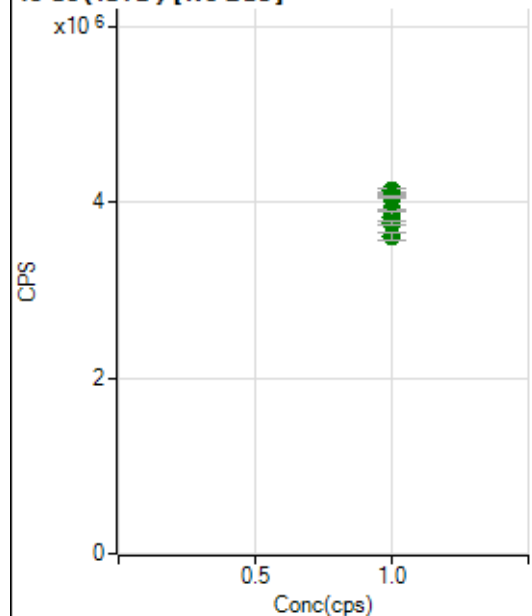
$$BEC = 0.007448$$

Weight: <None>

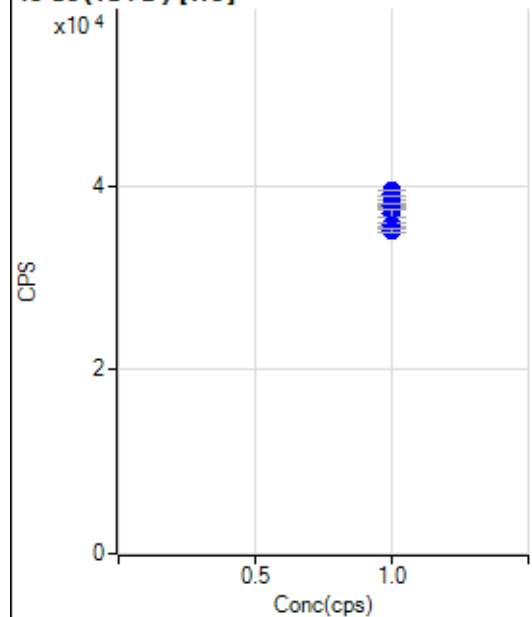
Min Conc: 0

6 Li (ISTD) [No Gas]

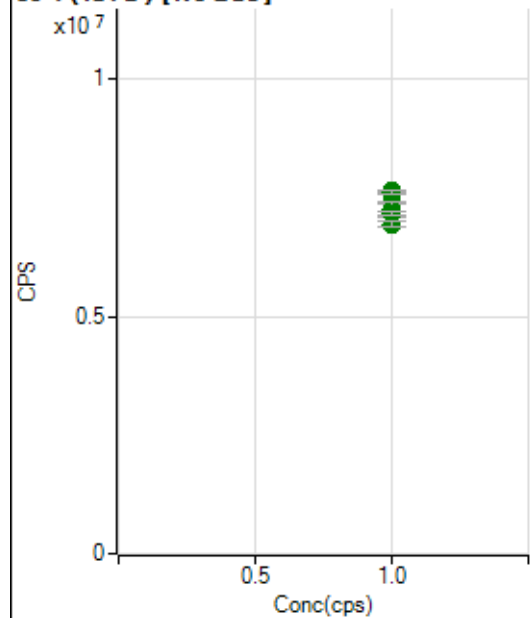
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		626188.47		P	0.4
2	☐	1.000					
3	☐	1.000		646007.84		P	0.4
4	☐	1.000		646342.02		P	0.2
5	☐	1.000		643157.21		P	0.4
6	☐	1.000		634347.40		P	0.6
7	☐	1.000		609255.34		P	3.8
8	☐	1.000		610837.45		P	1.0
9	☐	1.000		568632.91		P	2.1

45 Sc (ISTD) [No Gas]

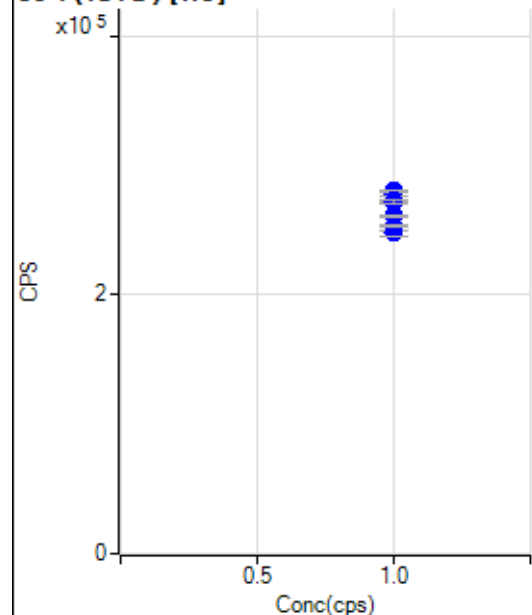
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3915226.13		A	0.6
2	☐	1.000					
3	☐	1.000		4080264.07		A	0.5
4	☐	1.000		4135149.75		A	1.0
5	☐	1.000		4063849.92		A	0.5
6	☐	1.000		4069263.68		A	0.7
7	☐	1.000		3825995.88		A	3.6
8	☐	1.000		3761627.43		A	1.0
9	☐	1.000		3625721.31		A	2.4

45 Sc (ISTD) [He]

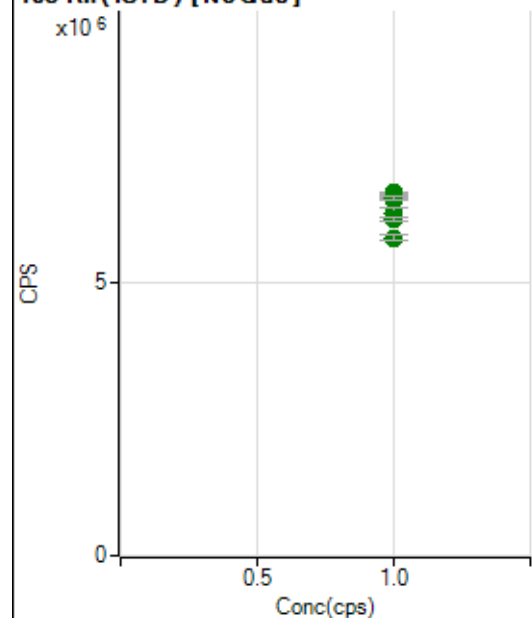
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		37777.62		P	0.3
2	☐	1.000					
3	☐	1.000		39100.05		P	2.4
4	☐	1.000		39501.26		P	0.1
5	☐	1.000		38147.59		P	3.6
6	☐	1.000		37817.74		P	2.0
7	☐	1.000		37075.74		P	1.8
8	☐	1.000		35715.55		P	1.3
9	☐	1.000		35188.67		P	1.1

89 Y (ISTD) [No Gas]

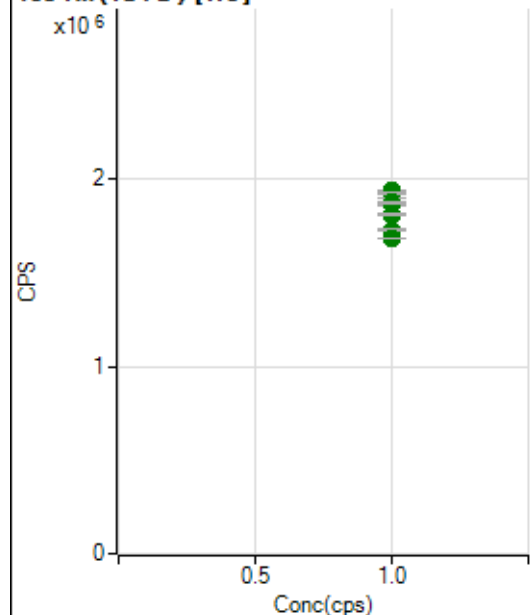
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7402070.93		A	0.8
2	☐	1.000					
3	☐	1.000		7615002.39		A	0.6
4	☐	1.000		7644779.26		A	0.5
5	☐	1.000		7588555.17		A	0.7
6	☐	1.000		7618075.30		A	1.0
7	☐	1.000		7245127.39		A	4.5
8	☐	1.000		7177979.48		A	0.9
9	☐	1.000		6946359.62		A	1.7

89 Y(ISTD) [He]

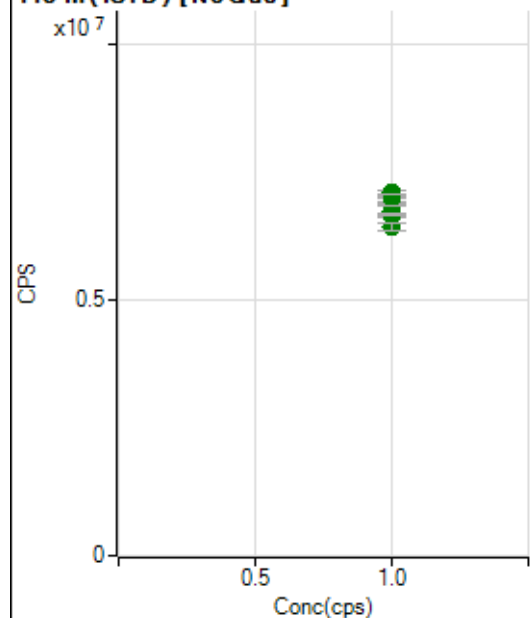
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		272272.45		P	0.8
2	☐	1.000					
3	☐	1.000		278320.15		P	0.8
4	☐	1.000		280392.04		P	0.5
5	☐	1.000		272936.26		P	2.3
6	☐	1.000		271377.93		P	1.1
7	☐	1.000		261187.37		P	0.8
8	☐	1.000		247554.85		P	1.5
9	☐	1.000		252855.11		P	0.7

103 Rh(ISTD) [No Gas]

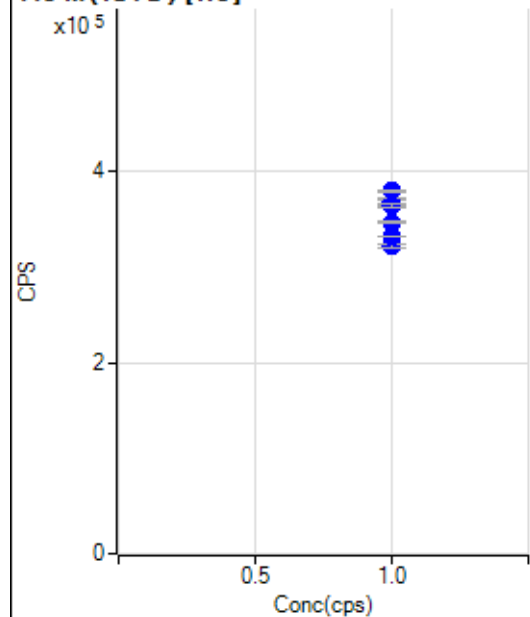
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6522265.30		A	0.7
2	☐	1.000					
3	☐	1.000		6645213.78		A	0.3
4	☐	1.000		6641638.04		A	0.9
5	☐	1.000		6576715.34		A	0.5
6	☐	1.000		6554016.98		A	0.9
7	☐	1.000		6256584.12		A	4.0
8	☐	1.000		6175611.68		A	1.0
9	☐	1.000		5825795.53		A	2.0

103 Rh (ISTD) [He]

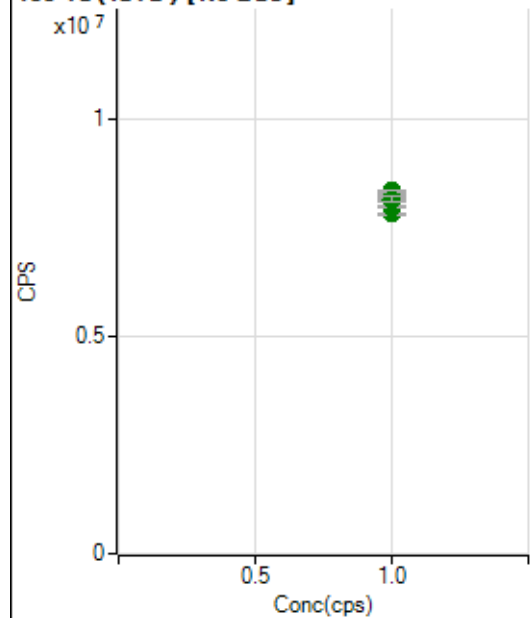
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1868855.49		A	0.9
2	☐	1.000					
3	☐	1.000		1935391.85		A	0.3
4	☐	1.000		1924786.12		A	0.5
5	☐	1.000		1882132.63		A	1.8
6	☐	1.000		1869270.70		A	0.5
7	☐	1.000		1808687.01		A	0.4
8	☐	1.000		1727074.61		A	0.3
9	☐	1.000		1681503.15		A	0.1

115 In (ISTD) [No Gas]

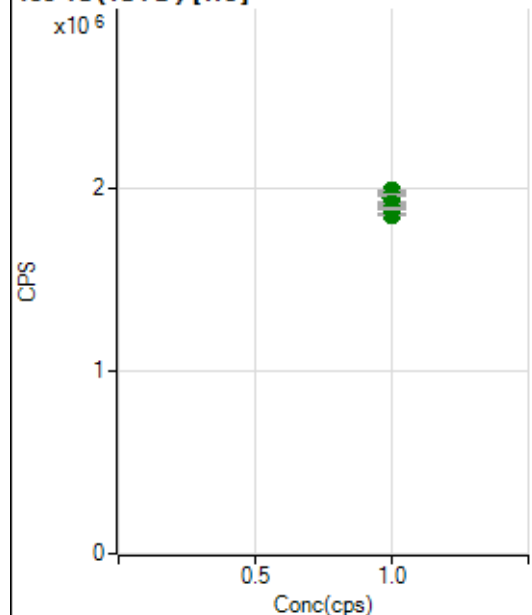
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6912379.25		A	0.7
2	☐	1.000					
3	☐	1.000		7006487.74		A	0.4
4	☐	1.000		7103858.04		A	1.8
5	☐	1.000		7004138.72		A	0.3
6	☐	1.000		7073521.47		A	0.3
7	☐	1.000		6727315.43		A	3.5
8	☐	1.000		6683352.02		A	0.8
9	☐	1.000		6446171.28		A	2.0

115 In (ISTD) [He]

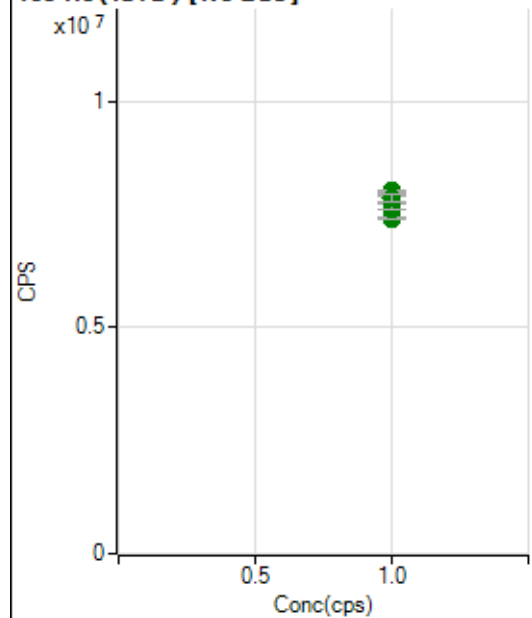
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		368987.30		P	0.9
2	☐	1.000					
3	☐	1.000		379822.13		P	0.4
4	☐	1.000		379557.33		P	0.3
5	☐	1.000		368427.97		P	1.7
6	☐	1.000		364522.38		P	1.2
7	☐	1.000		346822.90		P	0.6
8	☐	1.000		322403.05		P	1.0
9	☐	1.000		332066.72		P	0.5

159 Tb (ISTD) [No Gas]

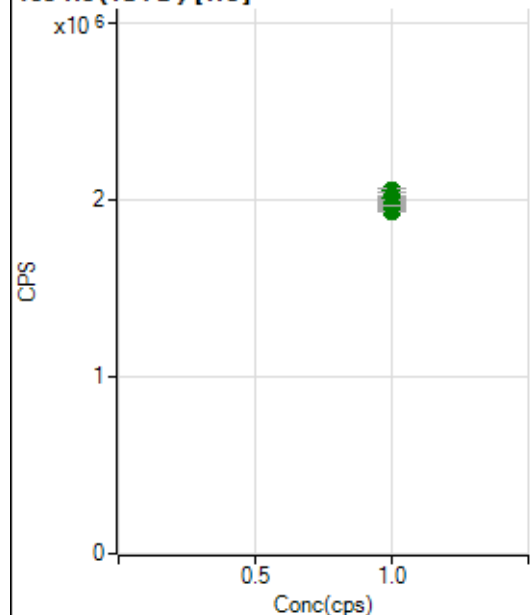
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7823777.59		A	0.9
2	☐	1.000					
3	☐	1.000		7979298.77		A	0.6
4	☐	1.000		8136420.29		A	0.4
5	☐	1.000		8176548.01		A	0.4
6	☐	1.000		8274107.79		A	1.5
7	☐	1.000		8130180.64		A	4.1
8	☐	1.000		8353075.08		A	0.2
9	☐	1.000		8152197.93		A	1.7

159 Tb (ISTD) [He]

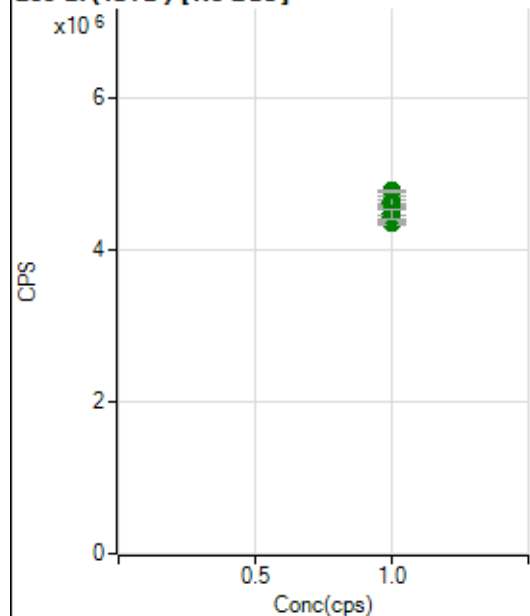
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1897174.97		A	1.1
2	☐	1.000					
3	☐	1.000		1976485.62		A	1.0
4	☐	1.000		1983480.77		A	0.7
5	☐	1.000		1941780.80		A	2.0
6	☐	1.000		1958080.55		A	0.3
7	☐	1.000		1909157.99		A	0.7
8	☐	1.000		1855518.06		A	0.6
9	☐	1.000		1887031.64		A	0.2

165 Ho (ISTD) [No Gas]

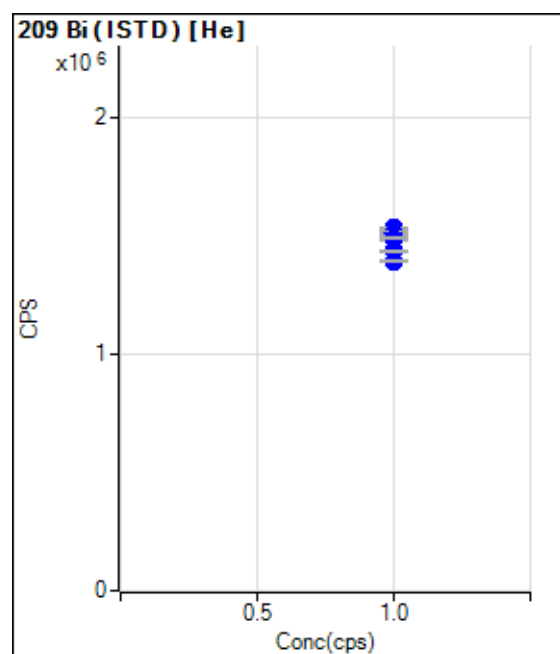
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7416329.77		A	0.4
2	☐	1.000					
3	☐	1.000		7615729.25		A	0.4
4	☐	1.000		7759425.96		A	1.0
5	☐	1.000		7779179.25		A	0.3
6	☐	1.000		7908417.02		A	0.3
7	☐	1.000		7800669.27		A	4.9
8	☐	1.000		8021771.19		A	0.6
9	☐	1.000		7873573.18		A	1.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1965621.72		A	0.7
2	☐	1.000					
3	☐	1.000		2012138.91		A	0.6
4	☐	1.000		2048256.41		A	1.1
5	☐	1.000		2017374.57		A	1.9
6	☐	1.000		2005158.48		A	1.2
7	☐	1.000		1992353.22		A	0.4
8	☐	1.000		1935595.42		A	0.7
9	☐	1.000		1964086.10		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4353537.50		A	0.9
2	☐	1.000					
3	☐	1.000		4425683.69		A	1.3
4	☐	1.000		4554898.44		A	1.0
5	☐	1.000		4554493.82		A	0.3
6	☐	1.000		4641841.56		A	1.2
7	☐	1.000		4624640.94		A	4.1
8	☐	1.000		4784016.28		A	0.2
9	☐	1.000		4480268.54		A	2.6



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1490427.77		P	0.7
2	☐	1.000					
3	☐	1.000		1510366.45		P	0.7
4	☐	1.000		1536540.78		P	0.5
5	☐	1.000		1509070.95		P	2.3
6	☐	1.000		1512962.39		P	1.1
7	☐	1.000		1491643.47		P	0.4
8	☐	1.000		1439079.60		P	0.6
9	☐	1.000		1396367.11		P	0.4

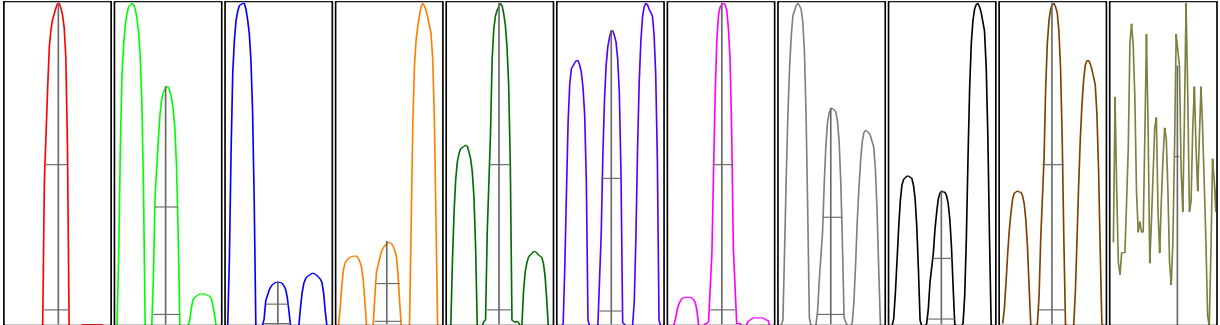
US EPA Tune Check Sample Report

Batch Folder D:\P8082217-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6774	1.79	5.00	
24	41661	1.59	5.00	
25	5656	2.16	5.00	
26	6790	2.76	5.00	
59	89948	3.88	5.00	
113	12190	2.80	5.00	
115	151379	1.04	5.00	
206	27348	0.88	5.00	
207	24714	1.17	5.00	
208	58848	2.02	5.00	
220	2	12.70		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6739	6806	6903	6585	6839
24	40949	42638	41612	41913	41190
25	5560	5849	5612	5700	5559
26	6653	7020	6671	6967	6639
59	87063	93562	87852	93945	87316
113	11974	12417	11947	12683	11929
115	151391	150712	150225	154086	150481
206	27218	27014	27412	27455	27643
207	24589	24396	24967	24549	25067
208	58604	57584	59834	57903	60316
220	2	2	2	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width-X% (Flag)
9	10892	9.05	8.9 - 9.1		0.740	0.900	
24	68363	23.95	23.9 - 24.1		0.782	0.900	
25	9262	25.00	24.9 - 25.1		0.777	0.900	
26	11055	25.95	25.9 - 26.1		0.784	0.900	
59	151712	59.00	58.9 - 59.1		0.740	0.900	
113	22459	113.05	112.9 - 113.1		0.689	0.900	
115	276550	115.05	114.9 - 115.1		0.732	0.900	
206	49624	206.00	205.9 - 206.1		0.762	0.900	
207	44410	207.00	206.9 - 207.1		0.777	0.900	
208	106662	208.00	207.9 - 208.1		0.766	0.900	
220	2	220.40	-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	6.8	V	Deflect	13.4	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-115	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	12300	2.72	
89	3574	3.04	
205	16681	2.18	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	11706	12441	12468	12496	12388
89	3383	3620	3605	3658	3602
205	16040	16886	16910	16757	16809

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	6.8	V	Deflect	1.8	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-115	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:01:52	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.48	0.75	0.73	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.04	-0.02	-0.02	0.00	N/A	ppb
Barium	135-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.01	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.16	-0.05	-0.11	0.00	N/A	ppb
Boron	11-1	0.07	-0.08	0.00	0.00	N/A	ppb
Cadmium	111-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Cadmium	106-1	-0.12	-0.15	0.27	0.00	N/A	ppb
Cadmium	108-1	0.01	-0.05	0.04	0.00	N/A	ppb
Calcium	43-1	8.10	-3.08	-5.03	0.00	N/A	ppb
Calcium	44-1	0.60	4.41	-5.01	0.00	N/A	ppb
Chromium	52-2	0.01	0.02	-0.04	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	-0.03	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	0.05	0.02	-0.07	0.00	N/A	ppb
Iron	57-2	0.01	-0.94	0.93	0.00	N/A	ppb
Lead	206-1	0.01	-0.01	0.01	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	0.01	0.00	N/A	ppb
Lead	208-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	0.16	0.39	-0.56	0.00	N/A	ppb
Manganese	55-2	0.02	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:01:52	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	0.00	0.00	N/A	ppb
Phosphorus	31-2	-12.19	2.70	17.45	2.66	558.24	ppb
Potassium	39-2	-2.07	9.19	-7.12	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.38	0.20	0.18	0.00	N/A	ppb
Selenium	82-1	-0.30	0.21	0.10	0.00	N/A	ppb
Silicon	28-1	1.19	0.35	-1.54	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	-0.10	-0.31	0.41	0.00	N/A	ppb
Strontium	86-1	0.03	-0.02	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	153.69	209.96	136.05	166.57	23.18	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	-0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Titanium	47-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	-0.01	0.01	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.15	0.12	0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:01:52	DataFile Name :	002CALB.d

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

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:12:07	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.75	21.41	17.10	17.76	19.01	ppb
Antimony	121-1	1.85	1.77	1.86	1.83	2.86	ppb
Arsenic	75-2	1.04	0.81	0.86	0.90	13.16	ppb
Barium	135-1	9.10	9.14	9.07	9.10	0.35	ppb
Barium	137-1	9.24	9.22	9.03	9.16	1.27	ppb
Beryllium	9-1	0.97	0.87	0.98	0.94	6.82	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	19.28	20.63	22.48	20.80	7.72	ppb
Boron	11-1	20.18	20.38	21.47	20.67	3.35	ppb
Cadmium	111-1	0.98	0.87	0.79	0.88	11.23	ppb
Cadmium	106-1	1.08	-0.17	-0.41	0.16	484.81	ppb
Cadmium	108-1	0.99	0.87	1.07	0.97	10.53	ppb
Calcium	43-1	414.16	430.32	425.07	423.19	1.95	ppb
Calcium	44-1	427.99	422.94	423.66	424.87	0.64	ppb
Chromium	52-2	1.93	1.75	1.84	1.84	4.84	ppb
Cobalt	59-2	0.93	0.80	0.99	0.91	10.68	ppb
Copper	63-2	2.14	2.18	2.27	2.20	2.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	46.48	44.56	46.06	45.70	2.20	ppb
Iron	57-2	50.23	44.10	45.74	46.69	6.80	ppb
Lead	206-1	1.14	1.06	1.07	1.09	4.25	ppb
Lead	207-1	1.07	1.06	1.05	1.06	1.24	ppb
Lead	208-1	1.10	1.06	1.08	1.08	1.54	ppb
Lithium	6-1						%
Magnesium	24-2	437.93	422.30	429.74	429.99	1.82	ppb
Manganese	55-2	0.93	1.06	1.04	1.01	6.80	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:12:07	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.86	1.83	1.82	1.84	1.29	ppb
Molybdenum	95-1	4.12	4.15	4.24	4.17	1.46	ppb
Molybdenum	96-1	3.62	3.70	3.63	3.65	1.16	ppb
Molybdenum	97-1	4.26	4.26	4.18	4.23	1.12	ppb
Molybdenum	98-1	4.25	4.39	4.18	4.28	2.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.85	0.98	0.97	0.93	7.29	ppb
Phosphorus	31-2	-12.19	1.79	2.44	-2.66		ppb
Potassium	39-2	451.66	438.09	479.83	456.52	4.66	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.15	9.45	3.19	5.26	68.90	ppb
Selenium	78-2	8.77	6.61	2.35	5.91	55.27	ppb
Selenium	82-1	4.11	4.72	4.11	4.31	8.17	ppb
Silicon	28-1	4.31	3.43	2.52	3.42	26.25	ppb
Silver	109-1	1.33	1.24	1.31	1.29	3.44	ppb
Silver	107-1	1.33	1.26	1.31	1.30	2.88	ppb
Sodium	23-2	448.06	419.56	436.04	434.55	3.29	ppb
Strontium	86-1	0.90	0.86	0.81	0.86	4.87	ppb
Strontium	88-1	0.90	0.93	0.91	0.91	1.94	ppb
Sulfur	34-1	-23.48	-149.79	-326.43	-166.57		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.99	0.90	0.93	0.94	4.53	ppb
Thallium	205-1	0.88	0.91	0.96	0.92	4.64	ppb
Tin	118-1	4.65	4.50	4.61	4.59	1.73	ppb
Titanium	47-1	4.39	4.18	4.31	4.29	2.44	ppb
Uranium	238-1	0.87	0.82	0.86	0.85	2.93	ppb
Vanadium	51-2	4.73	4.50	4.44	4.56	3.31	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.87	1.86	1.95	1.89	2.43	ppb
Zirconium	90-1	0.83	0.81	0.83	0.82	1.09	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:12:07	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.82	0.81	0.75	0.79	4.58	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 12:15:37 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	994.91	1004.96	968.85	989.57	1.88	ppb
Antimony	121-1	51.72	51.88	51.55	51.72	0.31	ppb
Arsenic	75-2	49.27	48.47	48.95	48.90	0.82	ppb
Barium	135-1	256.30	256.85	258.84	257.33	0.52	ppb
Barium	137-1	254.64	256.92	259.59	257.05	0.96	ppb
Beryllium	9-1	50.12	50.31	50.79	50.41	0.68	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	48.83	45.05	48.19	47.36	4.27	ppb
Boron	11-1	47.74	47.27	49.94	48.32	2.95	ppb
Cadmium	111-1	51.91	53.22	53.07	52.73	1.36	ppb
Cadmium	106-1	53.68	53.13	52.58	53.13	1.03	ppb
Cadmium	108-1	53.94	55.44	53.54	54.31	1.84	ppb
Calcium	43-1	4779.61	4829.87	4835.38	4814.95	0.64	ppb
Calcium	44-1	4912.46	4919.87	4996.10	4942.81	0.94	ppb
Chromium	52-2	50.35	51.05	50.60	50.67	0.71	ppb
Cobalt	59-2	50.84	49.86	50.37	50.35	0.97	ppb
Copper	63-2	102.50	101.13	101.66	101.76	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2628.05	2604.23	2610.18	2614.15	0.47	ppb
Iron	57-2	2618.39	2571.28	2600.13	2596.60	0.91	ppb
Lead	206-1	48.49	49.15	49.98	49.21	1.51	ppb
Lead	207-1	48.21	48.37	49.28	48.62	1.19	ppb
Lead	208-1	48.87	49.06	50.05	49.33	1.29	ppb
Lithium	6-1						%
Magnesium	24-2	4910.80	4933.03	4903.55	4915.79	0.31	ppb
Manganese	55-2	104.04	101.63	103.83	103.17	1.29	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:15:37	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	48.62	48.99	48.38	48.66	0.63	ppb
Molybdenum	95-1	47.75	48.05	48.39	48.06	0.67	ppb
Molybdenum	96-1	48.29	48.47	48.95	48.57	0.71	ppb
Molybdenum	97-1	48.38	48.77	48.20	48.45	0.61	ppb
Molybdenum	98-1	48.20	48.97	48.85	48.67	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.32	51.53	50.85	51.23	0.68	ppb
Phosphorus	31-2	1125.39	868.91	956.38	983.56	13.26	ppb
Potassium	39-2	2586.50	2576.88	2624.87	2596.08	0.98	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	65.75	62.73	69.49	65.99	5.13	ppb
Selenium	78-2	49.96	50.59	54.73	51.76	5.01	ppb
Selenium	82-1	51.50	51.53	50.34	51.12	1.33	ppb
Silicon	28-1	55.78	56.21	58.35	56.78	2.42	ppb
Silver	109-1	53.87	54.09	53.71	53.89	0.35	ppb
Silver	107-1	53.88	54.20	53.98	54.02	0.30	ppb
Sodium	23-2	4955.34	4883.05	4910.10	4916.16	0.74	ppb
Strontium	86-1	48.95	48.12	49.37	48.82	1.30	ppb
Strontium	88-1	50.13	50.07	50.03	50.08	0.10	ppb
Sulfur	34-1	731.65	684.07	973.81	796.51	19.51	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	48.74	48.92	49.31	48.99	0.60	ppb
Thallium	205-1	49.11	50.02	50.30	49.81	1.25	ppb
Tin	118-1	51.67	52.10	51.87	51.88	0.41	ppb
Titanium	47-1	49.43	49.43	50.15	49.67	0.84	ppb
Uranium	238-1	47.69	47.74	48.13	47.86	0.50	ppb
Vanadium	51-2	49.90	49.41	51.09	50.13	1.72	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	104.91	101.04	102.90	102.95	1.88	ppb
Zirconium	90-1	49.36	48.70	49.52	49.19	0.88	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:15:37	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	47.15	47.94	48.48	47.85	1.40	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:19:06	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2462.24	2489.32	2372.11	2441.22	2.51	ppb
Antimony	121-1	131.02	129.36	129.98	130.12	0.64	ppb
Arsenic	75-2	130.46	131.63	124.04	128.71	3.18	ppb
Barium	135-1	649.01	637.82	648.61	645.15	0.98	ppb
Barium	137-1	651.46	652.19	649.99	651.21	0.17	ppb
Beryllium	9-1	126.87	126.60	126.19	126.55	0.27	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	118.55	125.80	121.12	121.82	3.02	ppb
Boron	11-1	122.68	124.23	120.77	122.56	1.41	ppb
Cadmium	111-1	131.69	130.29	131.99	131.32	0.69	ppb
Cadmium	106-1	136.57	133.86	135.19	135.21	1.00	ppb
Cadmium	108-1	132.96	136.60	132.85	134.14	1.59	ppb
Calcium	43-1	12229.11	12428.61	12275.21	12310.97	0.85	ppb
Calcium	44-1	12255.46	12354.60	12350.69	12320.25	0.46	ppb
Chromium	52-2	131.90	137.46	127.63	132.33	3.72	ppb
Cobalt	59-2	129.84	135.08	125.56	130.16	3.66	ppb
Copper	63-2	262.25	274.70	254.31	263.76	3.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6704.90	6923.47	6439.22	6689.19	3.63	ppb
Iron	57-2	6757.51	6895.47	6467.89	6706.96	3.25	ppb
Lead	206-1	124.49	124.94	124.97	124.80	0.22	ppb
Lead	207-1	123.50	122.63	123.64	123.26	0.44	ppb
Lead	208-1	125.15	124.77	124.96	124.96	0.15	ppb
Lithium	6-1						%
Magnesium	24-2	12587.45	13235.91	12168.03	12663.80	4.25	ppb
Manganese	55-2	267.51	279.22	258.81	268.51	3.81	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:19:06	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	123.68	124.51	123.73	123.98	0.37	ppb
Molybdenum	95-1	122.73	123.86	121.77	122.79	0.85	ppb
Molybdenum	96-1	122.42	124.42	122.89	123.24	0.85	ppb
Molybdenum	97-1	122.75	123.93	125.59	124.09	1.15	ppb
Molybdenum	98-1	123.09	123.32	123.44	123.28	0.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.10	139.19	127.00	132.76	4.61	ppb
Phosphorus	31-2	2373.08	2763.06	2412.60	2516.25	8.53	ppb
Potassium	39-2	6739.42	6986.01	6494.24	6739.89	3.65	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	84.09	158.40	163.93	135.47	32.91	ppb
Selenium	78-2	124.71	145.36	128.00	132.69	8.36	ppb
Selenium	82-1	127.56	130.47	128.86	128.96	1.13	ppb
Silicon	28-1	121.33	122.82	125.99	123.38	1.93	ppb
Silver	109-1	134.32	132.48	133.90	133.57	0.72	ppb
Silver	107-1	134.52	133.15	134.62	134.10	0.61	ppb
Sodium	23-2	12884.95	13479.71	12620.81	12995.16	3.39	ppb
Strontium	86-1	125.08	124.99	124.95	125.01	0.06	ppb
Strontium	88-1	126.87	128.59	126.84	127.43	0.79	ppb
Sulfur	34-1	2538.08	2682.26	2663.94	2628.09	2.99	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	125.28	125.66	124.49	125.15	0.48	ppb
Thallium	205-1	127.45	128.01	127.51	127.65	0.24	ppb
Tin	118-1	130.04	128.70	130.45	129.73	0.70	ppb
Titanium	47-1	123.67	124.87	126.98	125.17	1.34	ppb
Uranium	238-1	124.05	125.09	124.93	124.69	0.45	ppb
Vanadium	51-2	127.57	136.69	125.46	129.91	4.60	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	266.13	282.60	256.40	268.38	4.93	ppb
Zirconium	90-1	126.61	127.54	124.93	126.36	1.05	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:19:06	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	122.15	122.06	122.73	122.32	0.30	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:22:30	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4933.47	4712.91	4835.39	4827.26	2.29	ppb
Antimony	121-1	263.65	258.43	260.61	260.90	1.00	ppb
Arsenic	75-2	251.52	246.22	249.89	249.21	1.09	ppb
Barium	135-1	1292.61	1277.23	1287.13	1285.66	0.61	ppb
Barium	137-1	1291.51	1267.68	1290.20	1283.13	1.04	ppb
Beryllium	9-1	252.48	251.47	249.59	251.18	0.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	243.61	242.82	241.86	242.77	0.36	ppb
Boron	11-1	243.67	246.29	246.51	245.49	0.64	ppb
Cadmium	111-1	260.48	254.17	258.14	257.59	1.24	ppb
Cadmium	106-1	261.87	252.57	263.40	259.28	2.26	ppb
Cadmium	108-1	262.21	257.34	259.04	259.53	0.95	ppb
Calcium	43-1	24170.74	24157.84	24401.75	24243.44	0.57	ppb
Calcium	44-1	23981.51	24208.71	24110.04	24100.09	0.47	ppb
Chromium	52-2	254.10	248.87	261.79	254.92	2.55	ppb
Cobalt	59-2	253.64	249.47	256.51	253.21	1.40	ppb
Copper	63-2	509.84	498.55	519.28	509.23	2.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12963.23	12679.98	13160.07	12934.43	1.87	ppb
Iron	57-2	12860.54	12709.94	13048.78	12873.09	1.32	ppb
Lead	206-1	244.81	247.32	247.59	246.57	0.62	ppb
Lead	207-1	240.44	242.97	246.84	243.42	1.32	ppb
Lead	208-1	246.99	249.13	252.35	249.49	1.08	ppb
Lithium	6-1						%
Magnesium	24-2	24719.25	24451.81	25183.36	24784.81	1.49	ppb
Manganese	55-2	515.43	509.83	526.44	517.23	1.63	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:22:30	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	247.60	245.54	248.78	247.30	0.66	ppb
Molybdenum	95-1	241.03	241.47	241.49	241.33	0.11	ppb
Molybdenum	96-1	246.18	241.81	245.65	244.55	0.97	ppb
Molybdenum	97-1	244.11	243.22	243.08	243.47	0.23	ppb
Molybdenum	98-1	246.92	247.92	247.03	247.29	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	255.59	252.07	263.39	257.02	2.25	ppb
Phosphorus	31-2	4524.16	4637.18	5251.38	4804.24	8.15	ppb
Potassium	39-2	12995.05	12643.90	13068.32	12902.42	1.76	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	259.64	313.04	312.90	295.19	10.43	ppb
Selenium	78-2	270.76	261.42	260.20	264.12	2.19	ppb
Selenium	82-1	250.89	251.12	250.19	250.73	0.19	ppb
Silicon	28-1	249.36	249.21	253.70	250.76	1.02	ppb
Silver	109-1	270.15	261.53	266.38	266.02	1.62	ppb
Silver	107-1	270.80	261.61	266.11	266.17	1.73	ppb
Sodium	23-2	25452.85	25061.20	25463.85	25325.97	0.91	ppb
Strontium	86-1	244.28	245.01	245.77	245.02	0.31	ppb
Strontium	88-1	247.84	249.01	247.68	248.18	0.29	ppb
Sulfur	34-1	4960.43	4608.54	4515.63	4694.86	5.00	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	249.08	249.11	250.96	249.71	0.43	ppb
Thallium	205-1	250.54	254.28	252.93	252.58	0.75	ppb
Tin	118-1	264.00	259.65	262.07	261.90	0.83	ppb
Titanium	47-1	247.23	247.18	248.45	247.62	0.29	ppb
Uranium	238-1	241.83	244.85	244.44	243.71	0.67	ppb
Vanadium	51-2	252.53	248.30	259.27	253.37	2.18	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	517.57	514.03	526.63	519.41	1.25	ppb
Zirconium	90-1	249.43	245.81	248.29	247.84	0.75	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:22:30	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	242.80	239.35	243.07	241.74	0.86	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:25:48	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9479.53	9798.90	9364.28	9547.57	2.36	ppb
Antimony	121-1	545.50	510.02	507.41	520.98	4.08	ppb
Arsenic	75-2	499.14	496.69	494.61	496.81	0.46	ppb
Barium	135-1	2726.53	2569.74	2508.87	2601.71	4.32	ppb
Barium	137-1	2695.75	2534.65	2496.24	2575.54	4.11	ppb
Beryllium	9-1	535.55	495.12	498.12	509.60	4.42	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	527.72	505.11	497.07	509.97	3.12	ppb
Boron	11-1	519.59	491.33	496.54	502.49	2.99	ppb
Cadmium	111-1	544.33	502.64	498.66	515.21	4.91	ppb
Cadmium	106-1	551.80	508.42	512.01	524.08	4.59	ppb
Cadmium	108-1	551.71	508.24	509.12	523.02	4.75	ppb
Calcium	43-1	52795.38	49074.24	49204.41	50358.01	4.19	ppb
Calcium	44-1	52517.00	48370.41	48893.82	49927.08	4.52	ppb
Chromium	52-2	500.38	511.02	491.97	501.12	1.91	ppb
Cobalt	59-2	496.43	506.10	491.21	497.91	1.52	ppb
Copper	63-2	1008.54	1023.69	1000.76	1011.00	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25383.45	26064.94	24855.08	25434.49	2.38	ppb
Iron	57-2	25253.12	25886.58	24807.20	25315.63	2.14	ppb
Lead	206-1	544.76	500.66	507.94	517.79	4.57	ppb
Lead	207-1	534.48	499.61	508.98	514.35	3.51	ppb
Lead	208-1	541.31	500.01	508.08	516.47	4.24	ppb
Lithium	6-1						%
Magnesium	24-2	49988.46	51524.29	50202.84	50571.86	1.64	ppb
Manganese	55-2	1006.10	1021.50	990.89	1006.16	1.52	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:25:48	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	542.30	495.67	497.09	511.69	5.18	ppb
Molybdenum	95-1	544.33	497.19	501.15	514.22	5.09	ppb
Molybdenum	96-1	547.29	493.47	499.88	513.55	5.72	ppb
Molybdenum	97-1	532.33	490.20	494.43	505.65	4.59	ppb
Molybdenum	98-1	542.38	493.75	502.45	512.86	5.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.97	516.91	499.71	506.53	1.80	ppb
Phosphorus	31-2	9950.74	10182.04	9700.47	9944.41	2.42	ppb
Potassium	39-2	25045.01	25631.81	24799.89	25158.90	1.70	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	511.43	519.98	459.42	496.94	6.59	ppb
Selenium	78-2	479.64	511.53	526.37	505.84	4.72	ppb
Selenium	82-1	542.75	500.60	502.69	515.35	4.61	ppb
Silicon	28-1	558.08	514.12	515.44	529.21	4.73	ppb
Silver	109-1	558.39	513.76	512.17	528.11	4.97	ppb
Silver	107-1	557.16	514.47	511.34	527.66	4.85	ppb
Sodium	23-2	49176.45	50686.45	48384.97	49415.96	2.37	ppb
Strontium	86-1	545.91	496.77	500.25	514.31	5.33	ppb
Strontium	88-1	534.70	498.70	499.86	511.09	4.00	ppb
Sulfur	34-1	11482.89	9944.27	9742.24	10389.80	9.16	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	540.01	505.74	510.51	518.75	3.58	ppb
Thallium	205-1	534.41	493.24	506.42	511.36	4.11	ppb
Tin	118-1	551.50	511.53	505.21	522.75	4.80	ppb
Titanium	47-1	530.23	497.83	497.50	508.52	3.70	ppb
Uranium	238-1	526.25	493.80	492.01	504.02	3.82	ppb
Vanadium	51-2	499.15	509.26	492.01	500.14	1.73	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1007.85	1035.49	985.68	1009.67	2.47	ppb
Zirconium	90-1	539.24	494.74	496.02	510.00	4.97	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:25:48	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	544.52	493.43	493.83	510.59	5.75	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:29:01	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19151.65	19192.55	19754.90	19366.36	1.74	ppb
Antimony	121-1	986.45	985.87	985.86	986.06	0.03	ppb
Arsenic	75-2	999.40	991.80	1012.95	1001.38	1.07	ppb
Barium	135-1	4960.48	4913.64	4937.92	4937.35	0.47	ppb
Barium	137-1	4936.90	4952.95	4961.10	4950.32	0.25	ppb
Beryllium	9-1	1001.63	1004.02	978.43	994.69	1.42	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	984.83	1000.13	1007.41	997.46	1.16	ppb
Boron	11-1	976.15	1007.82	1017.18	1000.38	2.15	ppb
Cadmium	111-1	987.59	994.72	986.40	989.57	0.46	ppb
Cadmium	106-1	981.62	984.90	986.11	984.21	0.24	ppb
Cadmium	108-1	982.05	981.93	990.27	984.75	0.49	ppb
Calcium	43-1	97773.92	96655.06	100853.46	98427.48	2.21	ppb
Calcium	44-1	96955.85	97549.38	97935.85	97480.36	0.51	ppb
Chromium	52-2	1012.93	978.82	1000.03	997.26	1.73	ppb
Cobalt	59-2	1007.58	995.82	995.33	999.58	0.69	ppb
Copper	63-2	2003.66	1976.33	1991.18	1990.39	0.69	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	50842.64	50144.38	50316.89	50434.64	0.72	ppb
Iron	57-2	51239.13	50029.62	50619.45	50629.40	1.19	ppb
Lead	206-1	986.82	995.87	993.40	992.03	0.47	ppb
Lead	207-1	992.30	1002.23	989.74	994.76	0.66	ppb
Lead	208-1	991.90	994.19	989.71	991.93	0.23	ppb
Lithium	6-1						%
Magnesium	24-2	102258.25	99085.56	101264.82	100869.55	1.61	ppb
Manganese	55-2	2010.09	1964.17	1996.15	1990.14	1.18	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:29:01	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	980.76	995.71	1008.65	995.04	1.40	ppb
Molybdenum	95-1	991.32	992.69	1002.29	995.43	0.60	ppb
Molybdenum	96-1	989.29	986.03	1009.33	994.89	1.27	ppb
Molybdenum	97-1	988.43	997.42	1011.15	999.00	1.15	ppb
Molybdenum	98-1	988.26	994.50	1000.84	994.53	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1005.34	983.21	993.29	993.95	1.11	ppb
Phosphorus	31-2	20423.01	19167.45	20636.11	20075.53	3.95	ppb
Potassium	39-2	49896.55	48689.92	49932.79	49506.42	1.43	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1076.63	924.61	963.12	988.12	8.00	ppb
Selenium	78-2	964.69	997.35	1015.44	992.49	2.59	ppb
Selenium	82-1	984.47	988.98	1001.33	991.60	0.88	ppb
Silicon	28-1	974.68	986.33	994.39	985.13	1.01	ppb
Silver	109-1	972.05	988.43	981.55	980.68	0.84	ppb
Silver	107-1	973.26	986.44	982.66	980.79	0.69	ppb
Sodium	23-2	101717.10	97834.27	100862.33	100137.90	2.04	ppb
Strontium	86-1	986.30	996.90	999.24	994.15	0.69	ppb
Strontium	88-1	993.45	993.01	997.36	994.60	0.24	ppb
Sulfur	34-1	19719.92	19874.99	20031.73	19875.55	0.78	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	981.55	994.01	996.63	990.73	0.81	ppb
Thallium	205-1	978.93	1000.30	1000.83	993.35	1.26	ppb
Tin	118-1	986.47	989.83	978.61	984.97	0.58	ppb
Titanium	47-1	989.59	994.82	1004.58	996.33	0.76	ppb
Uranium	238-1	1007.54	993.70	997.88	999.71	0.71	ppb
Vanadium	51-2	1003.86	983.88	1007.68	998.47	1.28	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2009.37	1965.28	1988.95	1987.87	1.11	ppb
Zirconium	90-1	991.48	990.47	1004.28	995.41	0.77	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
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Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	997.80	994.13	999.70	997.21	0.28	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:32:10	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100869.84	100944.19	98732.51	100182.18	1.25	ppb
Antimony	121-1	2.16	2.15	2.05	2.12	2.89	ppb
Arsenic	75-2	0.30	0.16	0.41	0.29	43.17	ppb
Barium	135-1	1.67	1.77	1.51	1.65	7.96	ppb
Barium	137-1	1.76	1.88	1.66	1.77	6.12	ppb
Beryllium	9-1	0.26	0.34	0.23	0.28	21.28	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	43.86	48.29	37.99	43.38	11.90	ppb
Boron	11-1	43.79	42.29	39.81	41.96	4.79	ppb
Cadmium	111-1	0.07	0.07	0.03	0.06	36.64	ppb
Cadmium	106-1	-1.65	-1.13	-1.57	-1.45		ppb
Cadmium	108-1	0.14	0.01	-0.03	0.04	217.84	ppb
Calcium	43-1	495354.64	511505.20	494109.72	500323.18	1.94	ppb
Calcium	44-1	494263.70	514003.33	493417.04	500561.36	2.33	ppb
Chromium	52-2	3.69	3.83	3.55	3.69	3.78	ppb
Cobalt	59-2	1.23	1.08	1.14	1.15	6.42	ppb
Copper	63-2	3.12	3.09	3.05	3.09	1.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	252442.19	250953.74	246111.41	249835.78	1.32	ppb
Iron	57-2	248791.90	247874.17	252768.47	249811.51	1.04	ppb
Lead	206-1	1.89	2.03	1.88	1.93	4.25	ppb
Lead	207-1	1.88	1.83	1.84	1.85	1.47	ppb
Lead	208-1	1.90	1.94	1.90	1.91	1.35	ppb
Lithium	6-1						%
Magnesium	24-2	502466.50	506355.58	490507.36	499776.48	1.65	ppb
Manganese	55-2	5.26	4.85	5.28	5.13	4.77	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:32:10	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.45	0.50	0.46	0.47	5.10	ppb
Molybdenum	95-1	0.97	1.01	1.07	1.02	4.59	ppb
Molybdenum	96-1	1.24	1.35	1.31	1.30	4.19	ppb
Molybdenum	97-1	0.95	1.09	0.95	1.00	7.92	ppb
Molybdenum	98-1	1.08	0.96	0.97	1.00	6.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.53	2.63	2.36	2.51	5.58	ppb
Phosphorus	31-2	20.09	35.77	3.59	19.81	81.21	ppb
Potassium	39-2	247219.37	253621.75	249307.63	250049.58	1.31	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	6.95	0.00	2.32	173.21	ppb
Selenium	78-2	1.53	-0.29	2.67	1.30	114.67	ppb
Selenium	82-1	0.83	0.63	0.69	0.72	14.33	ppb
Silicon	28-1	7.89	11.51	5.52	8.31	36.30	ppb
Silver	109-1	0.11	0.10	0.09	0.10	7.69	ppb
Silver	107-1	0.11	0.10	0.08	0.10	13.76	ppb
Sodium	23-2	503902.88	504113.93	491992.35	500003.05	1.39	ppb
Strontium	86-1	33.33	34.26	33.41	33.67	1.52	ppb
Strontium	88-1	34.04	35.28	34.30	34.54	1.90	ppb
Sulfur	34-1	406.10	1079.07	333.01	606.06	67.86	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.31	0.31	0.29	0.30	4.06	ppb
Thallium	205-1	0.33	0.35	0.30	0.33	6.85	ppb
Tin	118-1	0.67	0.63	0.52	0.61	12.54	ppb
Titanium	47-1	0.52	0.88	0.67	0.69	26.50	ppb
Uranium	238-1	0.08	0.09	0.07	0.08	11.15	ppb
Vanadium	51-2	0.29	0.31	0.28	0.29	5.72	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.27	9.72	10.08	10.02	2.80	ppb
Zirconium	90-1	0.18	0.18	0.19	0.19	1.34	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:32:10	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.16	0.24	0.14	0.18	29.10	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 12:35:32 DataFile Name : 012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	465.96	493.60	447.55	469.04	4.94	ppb
Antimony	121-1	199.14	197.22	195.97	197.44	0.81	ppb
Arsenic	75-2	198.72	194.84	196.28	196.61	1.00	ppb
Barium	135-1	98.85	98.97	97.77	98.53	0.67	ppb
Barium	137-1	99.07	99.16	97.89	98.71	0.72	ppb
Beryllium	9-1	96.87	94.72	95.31	95.63	1.17	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	548.89	541.06	556.97	548.97	1.45	ppb
Boron	11-1	542.87	540.69	549.36	544.30	0.83	ppb
Cadmium	111-1	101.02	101.28	100.20	100.83	0.56	ppb
Cadmium	106-1	152.68	150.69	150.71	151.36	0.76	ppb
Cadmium	108-1	134.11	132.26	132.40	132.92	0.77	ppb
Calcium	43-1	2113.07	2113.25	2074.82	2100.38	1.05	ppb
Calcium	44-1	2049.22	2058.08	2038.43	2048.58	0.48	ppb
Chromium	52-2	97.52	96.32	96.70	96.85	0.63	ppb
Cobalt	59-2	101.39	99.85	99.25	100.16	1.10	ppb
Copper	63-2	102.74	99.51	99.65	100.63	1.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1013.23	1000.16	998.16	1003.85	0.82	ppb
Iron	57-2	1033.29	977.23	1025.36	1011.96	3.00	ppb
Lead	206-1	195.29	195.64	194.57	195.16	0.28	ppb
Lead	207-1	186.14	186.90	185.14	186.06	0.47	ppb
Lead	208-1	195.27	194.94	194.53	194.91	0.19	ppb
Lithium	6-1						%
Magnesium	24-2	1211.63	1183.67	1184.51	1193.27	1.33	ppb
Manganese	55-2	100.39	100.75	98.97	100.04	0.94	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:35:32	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	488.51	486.00	496.53	490.35	1.12	ppb
Molybdenum	95-1	496.82	497.34	505.42	499.86	0.96	ppb
Molybdenum	96-1	496.23	497.61	504.52	499.45	0.89	ppb
Molybdenum	97-1	482.51	486.56	489.52	486.20	0.72	ppb
Molybdenum	98-1	490.90	498.47	495.61	494.99	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.67	102.97	100.87	102.50	1.42	ppb
Phosphorus	31-2	2.89	2.67	32.46	12.67	135.27	ppb
Potassium	39-2	1988.13	1982.39	2042.76	2004.42	1.66	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	183.49	185.47	185.25	184.74	0.59	ppb
Selenium	78-2	202.35	195.20	194.50	197.35	2.20	ppb
Selenium	82-1	194.28	194.64	198.11	195.67	1.08	ppb
Silicon	28-1	465.35	462.96	460.54	462.95	0.52	ppb
Silver	109-1	100.48	99.18	99.14	99.60	0.77	ppb
Silver	107-1	100.52	99.49	98.98	99.66	0.79	ppb
Sodium	23-2	2111.65	2056.41	2075.36	2081.14	1.35	ppb
Strontium	86-1	491.28	492.29	485.38	489.65	0.76	ppb
Strontium	88-1	490.85	491.79	497.48	493.38	0.73	ppb
Sulfur	34-1	-143.45	-241.13	-314.54	-233.04		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	197.91	197.99	197.13	197.68	0.24	ppb
Thallium	205-1	202.24	203.31	201.86	202.47	0.37	ppb
Tin	118-1	515.84	512.64	511.99	513.49	0.40	ppb
Titanium	47-1	485.58	492.43	490.90	489.64	0.73	ppb
Uranium	238-1	522.85	522.06	524.11	523.00	0.20	ppb
Vanadium	51-2	98.48	97.46	98.11	98.02	0.53	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	204.61	199.85	204.81	203.09	1.38	ppb
Zirconium	90-1	480.52	484.02	489.57	484.70	0.94	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:35:32	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	479.03	497.18	488.44	488.22	1.86	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 12:38:36 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.60	2.03	-1.41	1.07	202.61	ppb
Antimony	121-1	0.19	0.19	0.17	0.18	5.70	ppb
Arsenic	75-2	0.02	-0.05	0.01	-0.01		ppb
Barium	135-1	-0.02	-0.02	-0.02	-0.02		ppb
Barium	137-1	0.00	0.00	0.02	0.01	117.03	ppb
Beryllium	9-1	0.12	0.09	0.11	0.11	13.38	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	18.15	18.30	19.46	18.64	3.86	ppb
Boron	11-1	20.45	18.96	18.48	19.30	5.31	ppb
Cadmium	111-1	-0.06	-0.08	-0.07	-0.07		ppb
Cadmium	106-1	-1.00	-1.23	-1.14	-1.12		ppb
Cadmium	108-1	-0.08	-0.03	-0.05	-0.05		ppb
Calcium	43-1	-19.09	-10.03	-11.92	-13.68		ppb
Calcium	44-1	6.19	2.80	1.45	3.48	70.26	ppb
Chromium	52-2	-0.04	-0.08	-0.11	-0.08		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	290.78	ppb
Copper	63-2	0.03	0.04	-0.02	0.02	186.44	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	0.96	1.02	1.09	1.02	6.55	ppb
Iron	57-2	-0.48	-0.84	2.41	0.36	487.81	ppb
Lead	206-1	0.09	0.05	0.07	0.07	27.45	ppb
Lead	207-1	0.09	0.10	0.09	0.09	7.51	ppb
Lead	208-1	0.09	0.08	0.09	0.09	4.33	ppb
Lithium	6-1						%
Magnesium	24-2	1.54	1.48	1.73	1.58	8.15	ppb
Manganese	55-2	0.02	-0.05	0.07	0.01	458.47	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:38:36	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.02	0.03	0.03	23.58	ppb
Molybdenum	95-1	0.07	0.05	0.05	0.06	19.38	ppb
Molybdenum	96-1	0.05	0.04	0.04	0.04	15.13	ppb
Molybdenum	97-1	0.08	0.07	0.04	0.06	35.48	ppb
Molybdenum	98-1	0.08	0.04	0.06	0.06	26.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.03	0.00	0.00		ppb
Phosphorus	31-2	4.67	-12.19	3.14	-1.46		ppb
Potassium	39-2	37.44	19.26	9.32	22.01	64.81	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.73	0.00	0.00	1.24	173.21	ppb
Selenium	78-2	-0.84	-0.33	-0.91	-0.70		ppb
Selenium	82-1	-0.36	0.06	0.16	-0.05		ppb
Silicon	28-1	-12.65	-9.74	-10.76	-11.05		ppb
Silver	109-1	0.02	0.02	0.01	0.01	24.55	ppb
Silver	107-1	0.01	0.02	0.01	0.01	13.28	ppb
Sodium	23-2	98.27	85.45	78.52	87.41	11.47	ppb
Strontium	86-1	0.00	0.02	0.00	0.01	162.05	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	47.38	ppb
Sulfur	34-1	-269.17	-260.75	-166.28	-232.07		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.08	0.08	0.07	0.08	9.63	ppb
Thallium	205-1	0.07	0.08	0.07	0.07	5.92	ppb
Tin	118-1	0.22	0.14	0.16	0.17	24.72	ppb
Titanium	47-1	0.11	0.01	0.01	0.04	136.33	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	44.74	ppb
Vanadium	51-2	-0.01	-0.01	0.01	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.01	0.21	0.08	0.10	104.52	ppb
Zirconium	90-1	0.03	0.02	0.03	0.02	9.91	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:38:36	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.03	0.02	0.03	22.49	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:41:47	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90172.68	91732.71	91315.68	91073.69	0.89	ppb
Antimony	121-1	1.20	1.16	1.20	1.19	1.89	ppb
Arsenic	75-2	0.30	0.43	0.37	0.37	18.86	ppb
Barium	135-1	1.44	1.63	1.59	1.55	6.35	ppb
Barium	137-1	1.54	1.45	1.50	1.50	2.89	ppb
Beryllium	9-1	0.33	0.37	0.35	0.35	5.61	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	17.04	15.79	15.16	16.00	5.99	ppb
Boron	11-1	18.23	15.58	16.21	16.68	8.31	ppb
Cadmium	111-1	0.18	0.13	0.12	0.14	20.46	ppb
Cadmium	106-1	-1.82	-1.87	-1.65	-1.78		ppb
Cadmium	108-1	7.30	6.63	7.18	7.04	5.03	ppb
Calcium	43-1	98912.92	95260.59	97664.44	97279.32	1.91	ppb
Calcium	44-1	97026.52	94517.06	96577.20	96040.26	1.39	ppb
Chromium	52-2	19.66	19.85	20.32	19.94	1.71	ppb
Cobalt	59-2	1.12	1.19	1.12	1.15	3.47	ppb
Copper	63-2	7.78	8.04	8.01	7.94	1.81	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	98739.94	100118.84	100354.69	99737.83	0.87	ppb
Iron	57-2	99960.48	102415.37	100962.26	101112.71	1.22	ppb
Lead	206-1	4.74	4.74	4.53	4.67	2.52	ppb
Lead	207-1	4.06	4.02	3.93	4.01	1.67	ppb
Lead	208-1	4.43	4.37	4.26	4.35	1.93	ppb
Lithium	6-1						%
Magnesium	24-2	98653.57	100636.09	99673.49	99654.38	0.99	ppb
Manganese	55-2	7.78	8.07	7.93	7.93	1.84	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:41:47	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	588.82	576.47	578.16	581.15	1.15	ppb
Molybdenum	95-1	1891.80	1866.89	1858.17	1872.28	0.93	ppb
Molybdenum	96-1	1572.28	1542.84	1552.29	1555.80	0.97	ppb
Molybdenum	97-1	1899.47	1866.41	1860.37	1875.42	1.12	ppb
Molybdenum	98-1	1911.78	1876.80	1871.11	1886.57	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.69	5.82	5.09	5.53	7.05	ppb
Phosphorus	31-2	97957.21	100255.52	99720.40	99311.04	1.21	ppb
Potassium	39-2	100350.36	102703.18	102525.42	101859.65	1.29	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	6.66	0.00	2.22	173.21	ppb
Selenium	78-2	1.97	-1.48	-0.33	0.05	3243.07	ppb
Selenium	82-1	0.46	0.62	0.98	0.69	38.72	ppb
Silicon	28-1	29.41	24.41	24.95	26.26	10.45	ppb
Silver	109-1	0.20	0.19	0.21	0.20	3.63	ppb
Silver	107-1	0.20	0.20	0.20	0.20	0.24	ppb
Sodium	23-2	98118.96	99153.18	99497.25	98923.13	0.73	ppb
Strontium	86-1	32.69	31.81	32.09	32.20	1.38	ppb
Strontium	88-1	33.53	32.84	32.54	32.97	1.54	ppb
Sulfur	34-1	75601.75	71990.31	74582.28	74058.11	2.51	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.15	0.14	0.15	0.15	1.58	ppb
Thallium	205-1	0.14	0.14	0.15	0.14	4.10	ppb
Tin	118-1	0.23	0.20	0.25	0.23	11.12	ppb
Titanium	47-1	1944.28	1894.11	1935.39	1924.59	1.39	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	10.17	ppb
Vanadium	51-2	0.12	0.17	0.21	0.17	27.27	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.91	11.72	11.68	11.77	1.03	ppb
Zirconium	90-1	0.20	0.18	0.17	0.18	9.82	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:41:47	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.20	0.20	0.17	0.19	7.66	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:44:51	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90076.30	90282.13	89071.50	89809.98	0.72	ppb
Antimony	121-1	22.91	20.02	20.65	21.19	7.17	ppb
Arsenic	75-2	19.56	19.17	18.85	19.19	1.86	ppb
Barium	135-1	23.77	21.29	21.37	22.14	6.36	ppb
Barium	137-1	23.21	21.29	21.48	21.99	4.80	ppb
Beryllium	9-1	22.39	19.74	19.64	20.59	7.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	72.06	65.46	67.45	68.33	4.96	ppb
Boron	11-1	74.99	67.92	66.66	69.86	6.43	ppb
Cadmium	111-1	21.51	19.03	19.85	20.13	6.29	ppb
Cadmium	106-1	23.80	21.34	20.08	21.74	8.71	ppb
Cadmium	108-1	29.78	29.29	27.59	28.89	3.97	ppb
Calcium	43-1	106186.21	94520.23	95422.69	98709.71	6.58	ppb
Calcium	44-1	105698.63	93532.02	94480.31	97903.65	6.91	ppb
Chromium	52-2	38.72	39.57	38.49	38.93	1.46	ppb
Cobalt	59-2	21.14	21.13	20.89	21.05	0.66	ppb
Copper	63-2	27.74	27.59	27.87	27.74	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	98000.40	97841.38	96989.83	97610.53	0.56	ppb
Iron	57-2	99279.37	100109.38	98594.28	99327.68	0.76	ppb
Lead	206-1	27.82	24.59	24.43	25.61	7.46	ppb
Lead	207-1	24.98	22.48	22.33	23.26	6.39	ppb
Lead	208-1	26.36	23.54	23.38	24.43	6.85	ppb
Lithium	6-1						%
Magnesium	24-2	98233.62	98968.57	96693.02	97965.07	1.19	ppb
Manganese	55-2	27.78	26.61	27.19	27.19	2.15	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:44:51	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	694.37	617.14	621.39	644.30	6.74	ppb
Molybdenum	95-1	2100.56	1871.46	1908.03	1960.02	6.28	ppb
Molybdenum	96-1	1762.89	1589.34	1590.87	1647.70	6.05	ppb
Molybdenum	97-1	2107.54	1892.72	1903.71	1967.99	6.15	ppb
Molybdenum	98-1	2122.10	1903.61	1903.41	1976.37	6.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.42	25.39	25.76	25.52	0.82	ppb
Phosphorus	31-2	95569.98	96201.00	96812.98	96194.65	0.65	ppb
Potassium	39-2	99637.09	100220.30	99970.58	99942.66	0.29	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	40.08	20.08	23.34	27.83	38.56	ppb
Selenium	78-2	20.81	16.85	16.78	18.15	12.72	ppb
Selenium	82-1	20.51	19.90	20.62	20.34	1.91	ppb
Silicon	28-1	114.09	84.24	86.79	95.04	17.41	ppb
Silver	109-1	21.17	18.27	18.95	19.46	7.79	ppb
Silver	107-1	21.13	18.42	18.96	19.50	7.36	ppb
Sodium	23-2	98481.46	98242.37	96145.20	97623.01	1.32	ppb
Strontium	86-1	91.12	80.53	82.42	84.69	6.68	ppb
Strontium	88-1	95.66	83.89	85.75	88.43	7.15	ppb
Sulfur	34-1	81304.05	71136.27	72849.71	75096.68	7.25	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	22.02	20.11	20.11	20.75	5.31	ppb
Thallium	205-1	22.72	20.43	20.34	21.16	6.39	ppb
Tin	118-1	57.86	50.53	52.40	53.60	7.11	ppb
Titanium	47-1	2182.89	1919.46	1949.93	2017.43	7.14	ppb
Uranium	238-1	58.00	52.06	52.15	54.07	6.30	ppb
Vanadium	51-2	19.35	19.36	19.60	19.44	0.73	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	30.52	32.30	30.49	31.10	3.33	ppb
Zirconium	90-1	57.03	51.10	51.57	53.23	6.19	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:44:51	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	56.08	49.44	50.28	51.94	6.96	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P8
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:47:56	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50587.69	48992.47	50241.45	49940.54	1.68	ppb
Antimony	121-1	514.56	508.36	504.58	509.17	0.99	ppb
Arsenic	75-2	495.13	498.29	497.50	496.97	0.33	ppb
Barium	135-1	2584.54	2546.86	2508.69	2546.70	1.49	ppb
Barium	137-1	2565.37	2519.55	2507.37	2530.76	1.21	ppb
Beryllium	9-1	530.05	518.50	510.90	519.82	1.86	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	535.49	526.76	520.46	527.57	1.43	ppb
Boron	11-1	519.18	513.78	515.03	516.00	0.55	ppb
Cadmium	111-1	492.53	487.58	483.11	487.74	0.97	ppb
Cadmium	106-1	493.47	494.69	494.43	494.19	0.13	ppb
Cadmium	108-1	504.44	501.85	504.40	503.56	0.30	ppb
Calcium	43-1	246872.38	245822.43	247639.48	246778.10	0.37	ppb
Calcium	44-1	246461.46	244722.18	246811.96	245998.53	0.45	ppb
Chromium	52-2	512.22	496.56	504.94	504.58	1.55	ppb
Cobalt	59-2	496.13	482.56	493.42	490.70	1.46	ppb
Copper	63-2	1003.01	966.35	972.24	980.53	2.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	124384.75	121532.86	123286.95	123068.18	1.17	ppb
Iron	57-2	126688.62	121917.33	127002.10	125202.68	2.28	ppb
Lead	206-1	525.40	512.90	509.93	516.08	1.59	ppb
Lead	207-1	530.32	516.22	513.55	520.03	1.73	ppb
Lead	208-1	527.65	516.35	510.92	518.31	1.65	ppb
Lithium	6-1						%
Magnesium	24-2	249439.02	242353.36	246952.55	246248.31	1.46	ppb
Manganese	55-2	1014.95	992.25	1005.53	1004.24	1.14	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P8
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:47:56	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	515.16	511.01	511.74	512.64	0.43	ppb
Molybdenum	95-1	519.05	511.85	511.65	514.18	0.82	ppb
Molybdenum	96-1	511.52	509.88	511.59	511.00	0.19	ppb
Molybdenum	97-1	498.08	505.33	504.01	502.47	0.77	ppb
Molybdenum	98-1	510.90	508.17	505.61	508.23	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.42	483.04	493.91	492.46	1.78	ppb
Phosphorus	31-2	10379.59	10478.04	10575.37	10477.67	0.93	ppb
Potassium	39-2	130337.61	126342.74	129146.23	128608.86	1.59	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	456.14	519.23	502.20	492.52	6.63	ppb
Selenium	78-2	504.81	489.55	524.53	506.30	3.46	ppb
Selenium	82-1	502.73	500.48	495.33	499.52	0.76	ppb
Silicon	28-1	539.45	544.37	542.65	542.16	0.46	ppb
Silver	109-1	503.53	496.83	498.26	499.54	0.71	ppb
Silver	107-1	502.74	498.06	499.03	499.94	0.49	ppb
Sodium	23-2	248627.26	242451.83	249672.66	246917.25	1.58	ppb
Strontium	86-1	523.21	520.52	518.20	520.64	0.48	ppb
Strontium	88-1	527.59	517.76	516.36	520.57	1.18	ppb
Sulfur	34-1	9649.18	9477.08	9798.21	9641.49	1.67	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	526.36	517.48	514.35	519.40	1.20	ppb
Thallium	205-1	517.66	511.96	509.88	513.17	0.79	ppb
Tin	118-1	519.07	507.55	502.87	509.83	1.64	ppb
Titanium	47-1	510.46	501.88	507.66	506.67	0.86	ppb
Uranium	238-1	531.71	515.11	518.13	521.65	1.70	ppb
Vanadium	51-2	510.67	500.84	508.72	506.74	1.03	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	993.39	967.47	980.22	980.36	1.32	ppb
Zirconium	90-1	506.74	503.58	504.42	504.91	0.32	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P8
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:47:56	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	509.67	513.03	510.39	511.03	0.35	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P8
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:50:55	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.48	1.74	-0.35	-0.03		ppb
Antimony	121-1	0.32	0.30	0.29	0.31	4.63	ppb
Arsenic	75-2	-0.03	0.00	0.00	-0.01		ppb
Barium	135-1	0.02	-0.01	-0.01	0.00		ppb
Barium	137-1	0.02	-0.01	0.01	0.00	361.67	ppb
Beryllium	9-1	0.15	0.11	0.13	0.13	17.68	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	19.46	19.31	16.46	18.41	9.18	ppb
Boron	11-1	20.54	17.31	16.34	18.07	12.18	ppb
Cadmium	111-1	-0.07	-0.08	-0.07	-0.07		ppb
Cadmium	106-1	-1.24	-1.35	-1.36	-1.32		ppb
Cadmium	108-1	-0.02	-0.08	-0.11	-0.07		ppb
Calcium	43-1	4.01	-15.90	-6.74	-6.21		ppb
Calcium	44-1	14.79	0.94	7.46	7.73	89.67	ppb
Chromium	52-2	-0.15	-0.16	-0.15	-0.15		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.07	0.06	0.01	0.05	70.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.43	2.22	1.84	1.83	21.53	ppb
Iron	57-2	2.85	0.83	1.29	1.66	63.63	ppb
Lead	206-1	0.03	0.06	0.05	0.05	28.54	ppb
Lead	207-1	0.06	0.05	0.04	0.05	23.21	ppb
Lead	208-1	0.05	0.05	0.05	0.05	3.40	ppb
Lithium	6-1						%
Magnesium	24-2	2.49	0.29	2.98	1.92	74.67	ppb
Manganese	55-2	-0.03	0.01	-0.07	-0.03		ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P8
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:50:55	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.03	0.05	0.04	17.57	ppb
Molybdenum	95-1	0.13	0.09	0.09	0.10	22.92	ppb
Molybdenum	96-1	0.10	0.05	0.09	0.08	35.42	ppb
Molybdenum	97-1	0.14	0.09	0.08	0.10	28.54	ppb
Molybdenum	98-1	0.08	0.09	0.07	0.08	15.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.05	-0.10	-0.05		ppb
Phosphorus	31-2	2.70	16.94	2.76	7.47	109.83	ppb
Potassium	39-2	40.94	49.19	30.75	40.29	22.92	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.92	0.75	-1.48	-0.55		ppb
Selenium	82-1	-0.88	0.06	0.12	-0.23		ppb
Silicon	28-1	-0.99	-13.13	-16.11	-10.08		ppb
Silver	109-1	0.04	0.04	0.04	0.04	5.69	ppb
Silver	107-1	0.05	0.04	0.04	0.04	9.78	ppb
Sodium	23-2	111.04	111.55	110.69	111.09	0.39	ppb
Strontium	86-1	0.02	0.07	0.02	0.04	86.28	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	254.67	ppb
Sulfur	34-1	224.35	-752.93	-784.40	-437.66		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.12	0.11	0.10	0.11	10.71	ppb
Thallium	205-1	0.12	0.08	0.09	0.10	20.60	ppb
Tin	118-1	0.12	0.08	0.10	0.10	21.15	ppb
Titanium	47-1	0.08	0.07	0.05	0.07	23.51	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	161.47	ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.17	-0.08	0.11	-0.05		ppb
Zirconium	90-1	0.05	0.03	0.03	0.04	30.85	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P8
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:50:55	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.04	0.04	0.03	25.80	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:54:04	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.99	21.86	10.25	18.37	38.37	ppb
Antimony	121-1	1.86	1.92	1.91	1.90	1.68	ppb
Arsenic	75-2	0.78	0.91	1.04	0.91	13.94	ppb
Barium	135-1	8.88	8.72	8.62	8.74	1.54	ppb
Barium	137-1	8.89	9.13	8.83	8.95	1.79	ppb
Beryllium	9-1	1.01	0.96	0.89	0.95	6.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	32.33	33.21	31.95	32.50	2.00	ppb
Boron	11-1	29.80	30.98	30.44	30.41	1.95	ppb
Cadmium	111-1	0.79	0.79	0.79	0.79	0.42	ppb
Cadmium	106-1	-1.55	-0.50	-0.54	-0.86		ppb
Cadmium	108-1	1.38	0.84	1.13	1.12	23.90	ppb
Calcium	43-1	432.79	432.13	430.40	431.78	0.29	ppb
Calcium	44-1	440.46	443.04	446.10	443.20	0.64	ppb
Chromium	52-2	1.90	1.84	2.00	1.92	4.18	ppb
Cobalt	59-2	0.80	0.93	0.98	0.90	10.55	ppb
Copper	63-2	2.11	2.14	2.11	2.12	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	46.67	46.34	48.97	47.33	3.03	ppb
Iron	57-2	47.46	45.54	52.49	48.50	7.40	ppb
Lead	206-1	1.05	1.05	1.03	1.04	1.18	ppb
Lead	207-1	0.98	0.97	0.97	0.97	0.36	ppb
Lead	208-1	1.02	1.03	0.99	1.02	2.06	ppb
Lithium	6-1						%
Magnesium	24-2	423.95	463.61	477.76	455.11	6.13	ppb
Manganese	55-2	1.18	1.02	1.26	1.15	10.32	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:54:04	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.94	1.95	1.96	1.95	0.60	ppb
Molybdenum	95-1	4.33	4.27	4.41	4.34	1.58	ppb
Molybdenum	96-1	3.67	3.84	3.77	3.76	2.28	ppb
Molybdenum	97-1	4.59	4.48	4.16	4.41	5.05	ppb
Molybdenum	98-1	4.26	4.42	4.35	4.34	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	0.94	1.00	0.97	2.96	ppb
Phosphorus	31-2	2.66	-12.19	18.91	3.13	497.28	ppb
Potassium	39-2	471.02	482.69	522.54	492.09	5.49	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	9.78	6.56	10.22	8.85	22.59	ppb
Selenium	78-2	2.43	3.57	2.02	2.67	30.09	ppb
Selenium	82-1	4.87	4.63	3.77	4.42	13.03	ppb
Silicon	28-1	-3.01	-3.79	-5.31	-4.04		ppb
Silver	109-1	1.27	1.29	1.27	1.28	1.13	ppb
Silver	107-1	1.27	1.29	1.27	1.28	1.06	ppb
Sodium	23-2	527.38	518.93	564.20	536.84	4.48	ppb
Strontium	86-1	0.92	0.94	0.94	0.93	1.12	ppb
Strontium	88-1	0.94	0.90	0.93	0.93	2.09	ppb
Sulfur	34-1	-672.74	-530.06	-496.39	-566.40		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.92	0.99	0.91	0.94	4.41	ppb
Thallium	205-1	0.98	0.97	0.93	0.96	2.40	ppb
Tin	118-1	4.60	4.55	4.38	4.51	2.51	ppb
Titanium	47-1	4.37	4.19	4.37	4.31	2.49	ppb
Uranium	238-1	0.88	0.87	0.88	0.88	0.58	ppb
Vanadium	51-2	4.54	4.49	4.67	4.57	1.98	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.98	1.66	2.21	1.95	14.32	ppb
Zirconium	90-1	0.91	0.97	0.90	0.93	4.11	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:54:04	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.99	0.94	0.89	0.94	5.10	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	PB101593BL	Instrumnet Name :	P8
Client Sample ID :	PB101593BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:07:40	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.94	1.99	-1.57	0.45	402.74	ppb
Antimony	121-1	0.02	0.03	0.04	0.03	34.29	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00	703.52	ppb
Barium	135-1	-0.03	-0.02	-0.02	-0.02		ppb
Barium	137-1	0.01	0.01	0.01	0.01	13.73	ppb
Beryllium	9-1	0.03	0.00	0.08	0.04	111.29	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.48	4.19	4.51	4.39	4.02	ppb
Boron	11-1	4.94	4.80	4.59	4.77	3.68	ppb
Cadmium	111-1	-0.06	-0.05	-0.16	-0.09		ppb
Cadmium	106-1	-1.01	-0.78	-2.23	-1.34		ppb
Cadmium	108-1	-0.11	-0.13	-0.03	-0.09		ppb
Calcium	43-1	-5.59	7.39	-10.20	-2.80		ppb
Calcium	44-1	-5.33	-8.13	-6.12	-6.53		ppb
Chromium	52-2	0.00	-0.02	-0.14	-0.05		ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00		ppb
Copper	63-2	0.00	0.00	0.00	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.42	0.41	0.27	0.37	22.81	ppb
Iron	57-2	1.51	0.10	1.65	1.09	78.56	ppb
Lead	206-1	0.01	0.00	0.02	0.01	51.06	ppb
Lead	207-1	0.00	0.02	0.02	0.01	101.73	ppb
Lead	208-1	0.01	0.01	0.02	0.02	25.76	ppb
Lithium	6-1						%
Magnesium	24-2	3.02	5.48	3.56	4.02	32.22	ppb
Manganese	55-2	0.01	-0.01	0.03	0.01	234.41	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	PB101593BL	Instrumnet Name :	P8
Client Sample ID :	PB101593BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:07:40	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	-0.01	0.00	0.00	359.74	ppb
Molybdenum	95-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	0.01	0.00	-0.02	-0.01		ppb
Molybdenum	97-1	0.01	0.00	0.06	0.03	118.72	ppb
Molybdenum	98-1	0.01	0.01	-0.01	0.00	286.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.02	-0.09	-0.03		ppb
Phosphorus	31-2	3.34	-12.19	2.12	-2.24		ppb
Potassium	39-2	20.61	7.58	-4.55	7.88	159.65	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	3.35	0.00	1.12	173.21	ppb
Selenium	78-2	2.02	-0.91	-1.48	-0.12		ppb
Selenium	82-1	0.35	-0.93	0.78	0.07	1287.95	ppb
Silicon	28-1	-21.31	-19.46	-20.10	-20.29		ppb
Silver	109-1	0.01	0.01	0.02	0.01	40.72	ppb
Silver	107-1	0.01	0.01	0.01	0.01	20.36	ppb
Sodium	23-2	38.27	33.11	26.71	32.69	17.70	ppb
Strontium	86-1	-0.01	0.00	-0.02	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	71.73	ppb
Sulfur	34-1	-660.70	-488.32	-533.56	-560.86		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.01	0.01	50.77	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	27.58	ppb
Tin	118-1	0.08	0.14	0.11	0.11	23.89	ppb
Titanium	47-1	-0.04	0.01	0.00	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.10	0.13	0.14	0.13	16.43	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	21.10	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	PB101593BL	Instrumnet Name :	P8
Client Sample ID :	PB101593BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:07:40	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.03	0.02	0.02	49.97	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : PB101593BS Instrumnet Name : P8
 Client Sample ID : PB101593BS Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 13:10:49 DataFile Name : 020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.24	29.25	31.56	34.35	20.18	ppb
Antimony	121-1	3.91	3.86	3.89	3.89	0.61	ppb
Arsenic	75-2	1.79	2.19	1.91	1.97	10.45	ppb
Barium	135-1	18.57	18.50	19.21	18.76	2.08	ppb
Barium	137-1	18.68	18.76	18.77	18.74	0.28	ppb
Beryllium	9-1	2.04	1.93	1.99	1.98	2.76	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	46.02	50.35	47.12	47.83	4.71	ppb
Boron	11-1	45.94	46.58	47.26	46.59	1.42	ppb
Cadmium	111-1	1.82	1.87	1.75	1.81	3.39	ppb
Cadmium	106-1	0.70	0.23	-0.55	0.12	507.45	ppb
Cadmium	108-1	2.09	2.17	1.42	1.89	21.93	ppb
Calcium	43-1	917.91	942.56	901.63	920.70	2.24	ppb
Calcium	44-1	916.51	929.31	915.31	920.38	0.84	ppb
Chromium	52-2	3.99	4.24	3.45	3.89	10.39	ppb
Cobalt	59-2	1.89	2.18	1.89	1.98	8.46	ppb
Copper	63-2	4.00	4.47	3.88	4.12	7.62	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	385.37	415.31	369.23	389.97	5.99	ppb
Iron	57-2	373.15	407.77	375.83	385.58	4.99	ppb
Lead	206-1	2.31	2.28	2.17	2.26	3.21	ppb
Lead	207-1	2.19	2.18	2.15	2.18	1.09	ppb
Lead	208-1	2.24	2.21	2.17	2.21	1.40	ppb
Lithium	6-1						%
Magnesium	24-2	949.22	972.56	878.03	933.27	5.28	ppb
Manganese	55-2	1.96	2.42	1.62	2.00	20.15	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	PB101593BS	Instrumnet Name :	P8
Client Sample ID :	PB101593BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:10:49	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.09	4.08	3.93	4.04	2.30	ppb
Molybdenum	95-1	8.91	9.20	8.88	9.00	2.00	ppb
Molybdenum	96-1	7.64	7.90	7.92	7.82	2.00	ppb
Molybdenum	97-1	8.98	9.16	9.16	9.10	1.15	ppb
Molybdenum	98-1	9.02	9.03	8.89	8.98	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.05	2.02	2.16	2.08	3.57	ppb
Phosphorus	31-2	-12.19	2.99	29.38	6.73	312.74	ppb
Potassium	39-2	971.66	1047.83	932.21	983.90	5.97	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	15.60	6.60	6.08	9.43	56.79	ppb
Selenium	78-2	10.80	9.25	8.92	9.66	10.41	ppb
Selenium	82-1	9.57	9.94	9.71	9.74	1.90	ppb
Silicon	28-1	4.34	4.22	0.52	3.03	71.63	ppb
Silver	109-1	1.97	2.05	2.12	2.04	3.69	ppb
Silver	107-1	2.01	2.04	2.09	2.04	1.91	ppb
Sodium	23-2	962.34	1040.42	927.44	976.74	5.92	ppb
Strontium	86-1	1.82	2.04	1.88	1.91	5.85	ppb
Strontium	88-1	1.94	1.94	1.95	1.94	0.33	ppb
Sulfur	34-1	-300.27	-491.22	-513.55	-435.01		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.96	1.89	1.86	1.90	2.67	ppb
Thallium	205-1	1.95	1.92	1.91	1.93	1.25	ppb
Tin	118-1	9.64	9.56	9.51	9.57	0.69	ppb
Titanium	47-1	9.60	9.01	8.85	9.16	4.31	ppb
Uranium	238-1	1.89	1.83	1.82	1.84	2.00	ppb
Vanadium	51-2	9.67	10.41	9.37	9.82	5.41	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	3.70	4.80	3.90	4.13	14.16	ppb
Zirconium	90-1	1.84	1.82	1.76	1.81	2.11	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	PB101593BS	Instrumnet Name :	P8
Client Sample ID :	PB101593BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:10:49	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.82	1.77	1.73	1.77	2.62	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-02	Instrumnet Name :	P8
Client Sample ID :	ME7GE3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:15:16	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.71	-2.68	-3.71	-2.70		ppb
Antimony	121-1	0.02	0.02	0.01	0.02	17.34	ppb
Arsenic	75-2	0.00	-0.02	-0.02	-0.01		ppb
Barium	135-1	0.01	-0.01	-0.02	0.00		ppb
Barium	137-1	-0.01	0.01	0.02	0.01	188.59	ppb
Beryllium	9-1	0.02	0.01	-0.04	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.07	4.88	4.93	4.96	2.01	ppb
Boron	11-1	4.70	4.68	4.40	4.59	3.62	ppb
Cadmium	111-1	-0.12	-0.14	-0.14	-0.14		ppb
Cadmium	106-1	-1.79	-2.04	-2.07	-1.96		ppb
Cadmium	108-1	-0.08	-0.08	-0.08	-0.08		ppb
Calcium	43-1	-1.96	-5.25	-6.15	-4.46		ppb
Calcium	44-1	-12.37	-10.16	-7.13	-9.89		ppb
Chromium	52-2	-0.35	-0.37	-0.40	-0.37		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.06	0.03	0.05	0.04	27.08	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	-0.06	0.15	0.06	0.05	222.63	ppb
Iron	57-2	-0.16	-0.34	0.11	-0.13		ppb
Lead	206-1	0.07	0.04	0.05	0.05	30.21	ppb
Lead	207-1	0.05	0.06	0.07	0.06	21.56	ppb
Lead	208-1	0.06	0.06	0.06	0.06	3.13	ppb
Lithium	6-1						%
Magnesium	24-2	1.79	1.31	1.15	1.42	23.63	ppb
Manganese	55-2	0.06	-0.01	-0.03	0.01	668.50	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-02	Instrumnet Name :	P8
Client Sample ID :	ME7GE3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:15:16	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	-0.01	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	97-1	0.00	0.02	0.01	0.01	141.70	ppb
Molybdenum	98-1	-0.01	0.00	0.01	0.00	1225.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.08	-0.09	-0.07		ppb
Phosphorus	31-2	-12.19	1.52	-12.19	-7.62		ppb
Potassium	39-2	-15.89	-18.25	-14.33	-16.16		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.96	0.00	2.99	1.98	86.61	ppb
Selenium	78-2	1.56	0.05	-1.48	0.05	3358.66	ppb
Selenium	82-1	0.16	0.38	0.44	0.33	45.08	ppb
Silicon	28-1	-27.06	-26.17	-26.82	-26.68		ppb
Silver	109-1	0.03	0.03	0.02	0.03	18.56	ppb
Silver	107-1	0.03	0.03	0.02	0.03	19.61	ppb
Sodium	23-2	20.76	19.57	20.98	20.43	3.71	ppb
Strontium	86-1	-0.04	-0.01	-0.01	-0.02		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	12.59	ppb
Sulfur	34-1	-1534.68	-1425.08	-1366.07	-1441.94		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.02	0.01	73.15	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	18.72	ppb
Tin	118-1	-0.15	-0.14	-0.13	-0.14		ppb
Titanium	47-1	-0.02	0.06	0.05	0.03	139.00	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	0.00	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	46.03	47.07	45.64	46.25	1.60	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	40.96	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-02	Instrumnet Name :	P8
Client Sample ID :	ME7GE3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:15:16	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.00	0.00	298.45	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-01	Instrumnet Name :	P8
Client Sample ID :	ME7GE2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:18:25	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	503.26	534.02	482.04	506.44	5.16	ppb
Antimony	121-1	0.77	0.77	0.76	0.76	0.62	ppb
Arsenic	75-2	2.80	2.90	2.96	2.89	2.73	ppb
Barium	135-1	112.77	111.49	108.74	111.00	1.86	ppb
Barium	137-1	111.81	111.67	109.97	111.15	0.92	ppb
Beryllium	9-1	0.10	0.10	0.12	0.11	11.81	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	55.83	61.02	61.41	59.42	5.24	ppb
Boron	11-1	58.33	59.51	60.47	59.44	1.80	ppb
Cadmium	111-1	-0.03	-0.01	0.11	0.02	320.68	ppb
Cadmium	106-1	-1.47	-1.49	-0.25	-1.07		ppb
Cadmium	108-1	0.19	0.12	0.14	0.15	25.75	ppb
Calcium	43-1	68592.49	70063.54	68446.84	69034.29	1.30	ppb
Calcium	44-1	68602.53	68730.77	67827.25	68386.85	0.71	ppb
Chromium	52-2	1.96	1.97	2.03	1.99	1.94	ppb
Cobalt	59-2	0.70	0.73	0.76	0.73	3.56	ppb
Copper	63-2	11.97	12.27	12.18	12.14	1.28	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	2443.75	2424.00	2473.86	2447.20	1.03	ppb
Iron	57-2	2322.70	2385.74	2409.66	2372.70	1.89	ppb
Lead	206-1	4.11	4.10	4.15	4.12	0.76	ppb
Lead	207-1	3.68	3.73	3.72	3.71	0.73	ppb
Lead	208-1	3.89	3.93	3.87	3.89	0.86	ppb
Lithium	6-1						%
Magnesium	24-2	17724.73	17651.19	17883.83	17753.25	0.67	ppb
Manganese	55-2	173.26	173.92	174.55	173.91	0.37	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-01	Instrumnet Name :	P8
Client Sample ID :	ME7GE2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:18:25	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.73	1.85	1.79	1.79	3.47	ppb
Molybdenum	95-1	3.50	3.52	3.53	3.52	0.46	ppb
Molybdenum	96-1	3.04	3.09	2.94	3.02	2.60	ppb
Molybdenum	97-1	3.51	3.76	3.49	3.59	4.13	ppb
Molybdenum	98-1	3.48	3.56	3.47	3.50	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.08	3.32	3.08	3.16	4.33	ppb
Phosphorus	31-2	149.70	97.06	84.05	110.27	31.53	ppb
Potassium	39-2	6511.66	6609.33	6613.89	6578.29	0.88	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	5.99	9.04	5.01	91.80	ppb
Selenium	78-2	2.11	2.10	0.07	1.43	82.40	ppb
Selenium	82-1	1.30	0.79	0.62	0.90	39.16	ppb
Silicon	28-1	3898.08	3899.54	3869.96	3889.19	0.43	ppb
Silver	109-1	0.22	0.29	0.29	0.27	14.10	ppb
Silver	107-1	0.23	0.29	0.29	0.27	12.21	ppb
Sodium	23-2	134623.60	135099.27	134021.52	134581.46	0.40	ppb
Strontium	86-1	169.09	169.57	167.90	168.86	0.51	ppb
Strontium	88-1	177.61	173.52	172.05	174.39	1.65	ppb
Sulfur	34-1	8808.70	9087.54	8766.82	8887.69	1.96	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.09	0.10	0.11	0.10	10.50	ppb
Thallium	205-1	0.08	0.12	0.12	0.11	20.13	ppb
Tin	118-1	0.07	0.08	0.08	0.08	8.62	ppb
Titanium	47-1	10.81	10.90	10.92	10.88	0.54	ppb
Uranium	238-1	0.42	0.43	0.45	0.43	3.93	ppb
Vanadium	51-2	3.40	3.30	3.42	3.37	1.82	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	112.22	113.67	116.37	114.09	1.85	ppb
Zirconium	90-1	1.06	1.06	1.03	1.05	1.83	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-01	Instrumnet Name :	P8
Client Sample ID :	ME7GE2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:18:25	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.08	1.08	1.06	1.07	1.40	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-03	Instrumnet Name :	P8
Client Sample ID :	ME7GE2D	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:21:32	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	514.94	478.35	534.10	509.13	5.56	ppb
Antimony	121-1	0.77	0.76	0.71	0.75	4.70	ppb
Arsenic	75-2	2.60	2.76	2.70	2.69	3.03	ppb
Barium	135-1	113.92	110.18	110.91	111.67	1.77	ppb
Barium	137-1	113.85	109.94	110.63	111.47	1.87	ppb
Beryllium	9-1	0.13	0.08	0.09	0.10	27.82	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	62.85	56.80	58.42	59.36	5.28	ppb
Boron	11-1	58.02	58.83	58.98	58.61	0.88	ppb
Cadmium	111-1	0.06	0.04	-0.03	0.02	229.47	ppb
Cadmium	106-1	-0.94	-0.90	-2.19	-1.34		ppb
Cadmium	108-1	0.30	0.19	0.12	0.20	45.36	ppb
Calcium	43-1	70204.63	69003.63	69031.78	69413.35	0.99	ppb
Calcium	44-1	69000.46	67769.65	68024.43	68264.85	0.95	ppb
Chromium	52-2	1.85	1.85	2.06	1.92	6.12	ppb
Cobalt	59-2	0.78	0.77	0.78	0.78	1.01	ppb
Copper	63-2	12.26	12.05	12.01	12.11	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2443.66	2424.54	2418.22	2428.80	0.55	ppb
Iron	57-2	2417.69	2409.95	2371.57	2399.74	1.03	ppb
Lead	206-1	4.10	3.96	3.91	3.99	2.51	ppb
Lead	207-1	3.65	3.61	3.60	3.62	0.76	ppb
Lead	208-1	3.86	3.84	3.84	3.85	0.29	ppb
Lithium	6-1						%
Magnesium	24-2	17572.45	17604.32	17605.06	17593.94	0.11	ppb
Manganese	55-2	172.17	172.41	173.83	172.80	0.52	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-03	Instrumnet Name :	P8
Client Sample ID :	ME7GE2D	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:21:32	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.76	1.89	1.88	1.84	3.95	ppb
Molybdenum	95-1	3.44	3.46	3.64	3.51	3.14	ppb
Molybdenum	96-1	3.14	3.24	3.16	3.18	1.69	ppb
Molybdenum	97-1	3.64	3.45	3.57	3.55	2.66	ppb
Molybdenum	98-1	3.49	3.47	3.46	3.47	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.06	3.07	2.96	3.03	2.04	ppb
Phosphorus	31-2	55.47	84.34	42.23	60.68	35.49	ppb
Potassium	39-2	6571.59	6506.52	6436.73	6504.95	1.04	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.04	0.00	12.10	6.04	100.06	ppb
Selenium	78-2	2.65	0.61	0.59	1.29	92.00	ppb
Selenium	82-1	0.76	0.71	1.10	0.86	25.19	ppb
Silicon	28-1	3909.80	3838.53	3930.74	3893.02	1.24	ppb
Silver	109-1	0.26	0.21	0.25	0.24	11.66	ppb
Silver	107-1	0.25	0.22	0.24	0.23	5.64	ppb
Sodium	23-2	134089.49	135318.22	133640.15	134349.29	0.65	ppb
Strontium	86-1	171.31	168.33	170.87	170.17	0.95	ppb
Strontium	88-1	175.01	173.19	174.89	174.36	0.58	ppb
Sulfur	34-1	8623.21	8332.38	8315.49	8423.69	2.05	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.04	0.04	0.04	9.27	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	5.74	ppb
Tin	118-1	0.06	0.08	0.07	0.07	16.61	ppb
Titanium	47-1	11.58	11.11	11.55	11.41	2.28	ppb
Uranium	238-1	0.45	0.42	0.46	0.44	4.92	ppb
Vanadium	51-2	3.44	3.50	3.23	3.39	4.11	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	113.12	112.73	114.24	113.36	0.69	ppb
Zirconium	90-1	1.07	1.02	1.03	1.04	2.46	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-03	Instrumnet Name :	P8
Client Sample ID :	ME7GE2D	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:21:32	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.01	1.05	1.31	1.12	14.65	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-01LX5	Instrumnet Name :	P8
Client Sample ID :	ME7GE2L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-22 13:24:41	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	107.63	83.58	101.83	97.68	12.85	ppb
Antimony	121-1	0.14	0.16	0.14	0.15	7.73	ppb
Arsenic	75-2	0.55	0.58	0.53	0.55	4.61	ppb
Barium	135-1	21.44	21.82	21.55	21.60	0.89	ppb
Barium	137-1	21.62	21.58	21.48	21.56	0.34	ppb
Beryllium	9-1	0.01	0.04	0.02	0.02	81.94	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	15.91	15.21	15.91	15.68	2.59	ppb
Boron	11-1	16.10	15.31	14.74	15.38	4.42	ppb
Cadmium	111-1	-0.10	0.01	-0.14	-0.08		ppb
Cadmium	106-1	-1.68	-0.52	-2.19	-1.46		ppb
Cadmium	108-1	0.00	-0.13	-0.05	-0.06		ppb
Calcium	43-1	13079.43	13159.19	13172.01	13136.88	0.38	ppb
Calcium	44-1	13370.52	13378.01	13234.79	13327.78	0.60	ppb
Chromium	52-2	0.27	0.37	1.63	0.76	99.84	ppb
Cobalt	59-2	0.11	0.14	0.14	0.13	12.11	ppb
Copper	63-2	2.55	2.62	2.46	2.54	3.13	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	473.89	472.54	476.42	474.28	0.42	ppb
Iron	57-2	473.12	482.26	481.49	478.95	1.06	ppb
Lead	206-1	0.77	0.79	0.85	0.80	5.06	ppb
Lead	207-1	0.70	0.70	0.67	0.69	2.38	ppb
Lead	208-1	0.75	0.72	0.76	0.74	2.28	ppb
Lithium	6-1						%
Magnesium	24-2	3466.45	3505.03	3455.42	3475.63	0.75	ppb
Manganese	55-2	33.83	35.67	34.00	34.50	2.96	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-01LX5	Instrumnet Name :	P8
Client Sample ID :	ME7GE2L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-22 13:24:41	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.30	0.33	0.35	0.33	7.00	ppb
Molybdenum	95-1	0.63	0.78	0.69	0.70	10.33	ppb
Molybdenum	96-1	0.61	0.53	0.59	0.58	7.41	ppb
Molybdenum	97-1	0.70	0.67	0.80	0.72	9.30	ppb
Molybdenum	98-1	0.71	0.70	0.65	0.69	4.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.71	0.78	0.52	0.67	19.97	ppb
Phosphorus	31-2	2.24	31.54	16.89	16.89	86.72	ppb
Potassium	39-2	1303.27	1294.93	1291.52	1296.57	0.47	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	3.20	1.07	173.21	ppb
Selenium	78-2	-0.39	0.16	-0.38	-0.21		ppb
Selenium	82-1	0.24	-0.50	-0.04	-0.10		ppb
Silicon	28-1	747.91	755.62	749.66	751.06	0.54	ppb
Silver	109-1	0.06	0.07	0.07	0.07	12.65	ppb
Silver	107-1	0.07	0.08	0.08	0.08	2.93	ppb
Sodium	23-2	26427.59	26758.81	26630.68	26605.70	0.63	ppb
Strontium	86-1	33.61	33.28	33.51	33.47	0.50	ppb
Strontium	88-1	33.41	33.94	34.31	33.89	1.35	ppb
Sulfur	34-1	1100.19	1162.65	1057.31	1106.71	4.79	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.01	0.01	132.56	ppb
Thallium	205-1	0.01	0.00	0.01	0.00	19.91	ppb
Tin	118-1	0.09	0.10	0.11	0.10	10.70	ppb
Titanium	47-1	2.58	2.83	2.26	2.56	11.11	ppb
Uranium	238-1	0.08	0.08	0.08	0.08	1.20	ppb
Vanadium	51-2	0.67	0.68	0.56	0.64	10.39	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	22.40	23.52	21.70	22.54	4.06	ppb
Zirconium	90-1	0.23	0.19	0.21	0.21	9.80	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-01LX5	Instrumnet Name :	P8
Client Sample ID :	ME7GE2L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-22 13:24:41	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.20	0.20	0.20	0.20	0.66	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-04	Instrumnet Name :	P8
Client Sample ID :	ME7GE2S	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:27:49	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2520.26	2660.22	2571.43	2583.97	2.74	ppb
Antimony	121-1	103.75	103.59	103.77	103.70	0.09	ppb
Arsenic	75-2	43.47	45.16	44.36	44.33	1.91	ppb
Barium	135-1	2223.08	2217.84	2213.15	2218.02	0.22	ppb
Barium	137-1	2200.75	2187.83	2198.25	2195.61	0.31	ppb
Beryllium	9-1	50.94	51.70	51.93	51.52	1.01	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	51.37	54.97	57.01	54.45	5.24	ppb
Boron	11-1	54.64	57.34	55.30	55.76	2.53	ppb
Cadmium	111-1	52.18	52.01	51.78	51.99	0.39	ppb
Cadmium	106-1	46.24	43.69	45.71	45.21	2.97	ppb
Cadmium	108-1	49.90	47.78	50.10	49.26	2.60	ppb
Calcium	43-1	67518.57	67876.51	67157.43	67517.50	0.53	ppb
Calcium	44-1	67137.64	66531.36	65451.74	66373.58	1.29	ppb
Chromium	52-2	217.65	230.67	217.34	221.89	3.43	ppb
Cobalt	59-2	535.99	565.01	541.29	547.43	2.82	ppb
Copper	63-2	283.27	298.46	285.44	289.06	2.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3455.20	3638.55	3500.59	3531.45	2.70	ppb
Iron	57-2	3404.60	3632.77	3383.72	3473.70	3.98	ppb
Lead	206-1	24.65	24.94	24.95	24.85	0.68	ppb
Lead	207-1	23.71	23.90	24.06	23.89	0.74	ppb
Lead	208-1	24.39	24.45	24.64	24.49	0.52	ppb
Lithium	6-1						%
Magnesium	24-2	17548.94	18421.67	17640.02	17870.21	2.68	ppb
Manganese	55-2	708.18	751.94	714.52	724.88	3.26	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-04	Instrumnet Name :	P8
Client Sample ID :	ME7GE2S	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:27:49	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.76	1.74	1.74	1.75	0.62	ppb
Molybdenum	95-1	3.43	3.34	3.47	3.41	1.86	ppb
Molybdenum	96-1	2.93	3.15	3.06	3.05	3.62	ppb
Molybdenum	97-1	3.47	3.45	3.48	3.46	0.49	ppb
Molybdenum	98-1	3.47	3.49	3.31	3.42	2.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	547.34	572.73	544.50	554.86	2.80	ppb
Phosphorus	31-2	114.86	166.84	73.72	118.47	39.39	ppb
Potassium	39-2	6581.56	6768.99	6476.04	6608.86	2.24	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	129.02	90.91	113.41	111.11	17.24	ppb
Selenium	78-2	114.71	112.98	120.90	116.20	3.59	ppb
Selenium	82-1	104.18	105.10	104.13	104.47	0.52	ppb
Silicon	28-1	3799.59	3773.05	3734.13	3768.93	0.87	ppb
Silver	109-1	48.53	48.58	49.04	48.72	0.58	ppb
Silver	107-1	48.52	48.66	48.90	48.69	0.40	ppb
Sodium	23-2	133231.04	141023.56	133391.51	135882.04	3.28	ppb
Strontium	86-1	163.15	165.14	163.76	164.02	0.62	ppb
Strontium	88-1	168.59	169.56	167.34	168.50	0.66	ppb
Sulfur	34-1	8297.89	8288.26	8015.17	8200.44	1.96	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	52.04	51.32	52.91	52.09	1.53	ppb
Thallium	205-1	53.11	52.62	53.31	53.01	0.67	ppb
Tin	118-1	0.07	0.10	0.10	0.09	19.16	ppb
Titanium	47-1	10.13	10.20	10.53	10.29	2.06	ppb
Uranium	238-1	0.43	0.45	0.46	0.45	2.92	ppb
Vanadium	51-2	538.92	570.18	543.64	550.91	3.06	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	642.26	676.34	637.82	652.14	3.23	ppb
Zirconium	90-1	0.96	0.96	0.90	0.94	3.54	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-04	Instrumnet Name :	P8
Client Sample ID :	ME7GE2S	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:27:49	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.95	0.98	0.95	0.96	1.68	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-01DLX20	Instrumnet Name :	P8
Client Sample ID :	ME7GE2	Dilution Factor :	20
Date & Time Acquired ::	2017-08-22 13:30:57	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.02	22.02	31.77	25.60	20.95	ppb
Antimony	121-1	0.05	0.04	0.05	0.05	9.94	ppb
Arsenic	75-2	0.04	0.08	0.20	0.11	78.09	ppb
Barium	135-1	5.63	5.65	5.60	5.63	0.50	ppb
Barium	137-1	5.67	5.62	5.57	5.62	0.88	ppb
Beryllium	9-1	0.03	0.00	0.05	0.03	92.23	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.89	6.89	7.96	7.58	7.88	ppb
Boron	11-1	7.26	7.55	7.43	7.41	1.97	ppb
Cadmium	111-1	-0.11	-0.15	-0.10	-0.12		ppb
Cadmium	106-1	-1.70	-2.27	-1.57	-1.85		ppb
Cadmium	108-1	-0.05	-0.03	0.00	-0.03		ppb
Calcium	43-1	3437.43	3437.54	3404.07	3426.35	0.56	ppb
Calcium	44-1	3549.33	3526.25	3511.99	3529.19	0.53	ppb
Chromium	52-2	0.09	0.03	0.05	0.06	61.17	ppb
Cobalt	59-2	0.02	0.02	0.03	0.02	18.57	ppb
Copper	63-2	0.70	0.64	0.66	0.66	4.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	123.82	130.42	122.77	125.67	3.30	ppb
Iron	57-2	130.30	128.11	123.11	127.17	2.90	ppb
Lead	206-1	0.18	0.20	0.18	0.18	6.85	ppb
Lead	207-1	0.18	0.18	0.16	0.17	6.13	ppb
Lead	208-1	0.19	0.20	0.19	0.19	2.79	ppb
Lithium	6-1						%
Magnesium	24-2	883.70	951.07	879.25	904.67	4.45	ppb
Manganese	55-2	9.07	8.95	8.71	8.91	2.08	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-01DLX20	Instrumnet Name :	P8
Client Sample ID :	ME7GE2	Dilution Factor :	20
Date & Time Acquired ::	2017-08-22 13:30:57	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.08	0.08	0.09	7.39	ppb
Molybdenum	95-1	0.14	0.21	0.16	0.17	20.10	ppb
Molybdenum	96-1	0.10	0.13	0.14	0.12	16.81	ppb
Molybdenum	97-1	0.17	0.20	0.22	0.20	11.43	ppb
Molybdenum	98-1	0.17	0.16	0.17	0.17	3.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.14	0.15	0.13	20.08	ppb
Phosphorus	31-2	-12.19	3.43	-12.19	-6.98		ppb
Potassium	39-2	342.78	364.62	321.33	342.91	6.31	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.26	0.00	0.00	1.09	173.21	ppb
Selenium	78-2	0.20	-0.31	-0.37	-0.16		ppb
Selenium	82-1	0.82	-0.90	-0.03	-0.04		ppb
Silicon	28-1	185.42	185.14	190.04	186.87	1.47	ppb
Silver	109-1	0.06	0.05	0.05	0.06	8.37	ppb
Silver	107-1	0.05	0.05	0.05	0.05	2.19	ppb
Sodium	23-2	6806.29	7178.05	6768.92	6917.76	3.27	ppb
Strontium	86-1	8.92	8.72	8.53	8.72	2.21	ppb
Strontium	88-1	8.84	8.77	8.61	8.74	1.35	ppb
Sulfur	34-1	-540.97	-446.29	-666.30	-551.19		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.09	0.10	0.06	0.08	20.10	ppb
Titanium	47-1	0.60	0.49	0.61	0.56	11.90	ppb
Uranium	238-1	0.01	0.01	0.02	0.02	31.89	ppb
Vanadium	51-2	0.17	0.17	0.25	0.20	23.41	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.16	6.66	5.69	6.17	7.91	ppb
Zirconium	90-1	0.06	0.04	0.06	0.05	16.42	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-01DLX20	Instrumnet Name :	P8
Client Sample ID :	ME7GE2	Dilution Factor :	20
Date & Time Acquired ::	2017-08-22 13:30:57	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.07	0.04	0.05	29.97	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-03DLX20	Instrumnet Name :	P8
Client Sample ID :	ME7GE2D	Dilution Factor :	20
Date & Time Acquired ::	2017-08-22 13:34:24	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.80	25.74	16.58	22.37	22.54	ppb
Antimony	121-1	0.04	0.04	0.06	0.04	21.91	ppb
Arsenic	75-2	0.10	0.16	0.16	0.14	22.28	ppb
Barium	135-1	5.82	5.67	5.48	5.66	3.01	ppb
Barium	137-1	5.66	5.76	5.66	5.69	0.98	ppb
Beryllium	9-1	-0.02	-0.01	0.03	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.58	5.80	5.60	5.66	2.14	ppb
Boron	11-1	6.27	6.07	5.74	6.03	4.40	ppb
Cadmium	111-1	-0.06	-0.11	-0.18	-0.12		ppb
Cadmium	106-1	-0.84	-1.87	-2.57	-1.76		ppb
Cadmium	108-1	-0.08	-0.05	0.00	-0.05		ppb
Calcium	43-1	3579.61	3491.31	3402.08	3491.00	2.54	ppb
Calcium	44-1	3564.96	3550.25	3551.89	3555.70	0.23	ppb
Chromium	52-2	0.04	-0.04	0.00	0.00		ppb
Cobalt	59-2	0.03	0.02	0.02	0.02	25.09	ppb
Copper	63-2	0.63	0.68	0.60	0.64	6.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	123.59	122.58	122.25	122.81	0.57	ppb
Iron	57-2	119.53	123.84	111.15	118.18	5.46	ppb
Lead	206-1	0.17	0.22	0.20	0.20	12.11	ppb
Lead	207-1	0.20	0.18	0.21	0.19	8.57	ppb
Lead	208-1	0.20	0.19	0.20	0.20	2.44	ppb
Lithium	6-1						%
Magnesium	24-2	896.29	919.59	887.41	901.10	1.84	ppb
Manganese	55-2	9.19	9.34	8.67	9.07	3.91	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-03DLX20	Instrumnet Name :	P8
Client Sample ID :	ME7GE2D	Dilution Factor :	20
Date & Time Acquired ::	2017-08-22 13:34:24	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.08	0.10	0.09	12.15	ppb
Molybdenum	95-1	0.16	0.18	0.21	0.18	14.88	ppb
Molybdenum	96-1	0.14	0.15	0.13	0.14	4.45	ppb
Molybdenum	97-1	0.23	0.22	0.19	0.21	7.87	ppb
Molybdenum	98-1	0.17	0.21	0.17	0.18	12.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.12	0.17	0.14	19.75	ppb
Phosphorus	31-2	2.45	16.96	-12.19	2.41	605.22	ppb
Potassium	39-2	341.58	338.65	314.17	331.47	4.54	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.94	-0.39	0.69	-0.21		ppb
Selenium	82-1	-0.55	-0.06	0.54	-0.02		ppb
Silicon	28-1	187.48	177.86	181.05	182.13	2.69	ppb
Silver	109-1	0.02	0.03	0.04	0.03	24.53	ppb
Silver	107-1	0.03	0.03	0.03	0.03	12.28	ppb
Sodium	23-2	6833.39	6816.68	6715.09	6788.39	0.94	ppb
Strontium	86-1	8.63	8.46	8.48	8.52	1.07	ppb
Strontium	88-1	8.78	8.75	8.74	8.76	0.26	ppb
Sulfur	34-1	-249.28	-468.21	-464.59	-394.03		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.09	0.09	0.06	0.08	16.37	ppb
Titanium	47-1	0.42	0.60	0.55	0.52	17.76	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	23.08	ppb
Vanadium	51-2	0.18	0.19	0.14	0.17	15.59	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.11	6.10	5.50	5.90	5.91	ppb
Zirconium	90-1	0.04	0.04	0.05	0.04	8.75	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-03DLX20	Instrumnet Name :	P8
Client Sample ID :	ME7GE2D	Dilution Factor :	20
Date & Time Acquired ::	2017-08-22 13:34:24	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.08	0.05	63.99	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	ME7GE2L	Dilution Factor :	100
Date & Time Acquired ::	2017-08-22 13:37:33	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.33	7.40	4.19	5.64	28.80	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	26.34	ppb
Arsenic	75-2	0.02	-0.03	0.00	0.00		ppb
Barium	135-1	1.22	1.10	1.00	1.10	9.84	ppb
Barium	137-1	1.20	1.20	1.22	1.21	0.97	ppb
Beryllium	9-1	0.01	0.00	0.02	0.01	82.85	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.29	3.03	3.34	3.22	5.14	ppb
Boron	11-1	3.39	3.10	3.65	3.38	8.14	ppb
Cadmium	111-1	-0.14	-0.08	-0.13	-0.12		ppb
Cadmium	106-1	-1.99	-1.30	-1.98	-1.75		ppb
Cadmium	108-1	0.00	-0.08	-0.11	-0.06		ppb
Calcium	43-1	667.11	682.38	663.37	670.95	1.50	ppb
Calcium	44-1	688.93	670.24	669.95	676.37	1.61	ppb
Chromium	52-2	-0.10	-0.10	-0.16	-0.12		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	108.36	ppb
Copper	63-2	0.16	0.16	0.17	0.16	4.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24.83	24.69	26.14	25.22	3.17	ppb
Iron	57-2	22.75	26.67	24.31	24.58	8.03	ppb
Lead	206-1	0.04	0.04	0.04	0.04	8.77	ppb
Lead	207-1	0.02	0.05	0.05	0.04	35.93	ppb
Lead	208-1	0.04	0.04	0.04	0.04	2.51	ppb
Lithium	6-1						%
Magnesium	24-2	175.67	189.90	181.30	182.29	3.93	ppb
Manganese	55-2	2.01	1.83	1.58	1.80	12.08	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	ME7GE2L	Dilution Factor :	100
Date & Time Acquired ::	2017-08-22 13:37:33	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.01	0.01	5.64	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.03	32.77	ppb
Molybdenum	96-1	0.03	0.03	0.03	0.03	7.73	ppb
Molybdenum	97-1	0.07	0.09	0.06	0.07	21.43	ppb
Molybdenum	98-1	0.04	0.02	0.03	0.03	30.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.00	0.03	0.03	111.42	ppb
Phosphorus	31-2	-12.19	-12.19	17.98	-2.13		ppb
Potassium	39-2	70.94	63.04	65.63	66.54	6.05	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.92	-1.48	0.73	-0.56		ppb
Selenium	82-1	-0.10	0.39	-0.31	-0.01		ppb
Silicon	28-1	30.50	29.42	27.90	29.27	4.47	ppb
Silver	109-1	0.02	0.02	0.02	0.02	14.92	ppb
Silver	107-1	0.02	0.02	0.02	0.02	4.16	ppb
Sodium	23-2	1361.19	1325.07	1339.37	1341.88	1.36	ppb
Strontium	86-1	1.61	1.60	1.58	1.60	0.76	ppb
Strontium	88-1	1.77	1.75	1.69	1.73	2.46	ppb
Sulfur	34-1	-559.18	-603.90	-613.64	-592.24		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	67.03	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.13	0.10	0.15	0.13	16.51	ppb
Titanium	47-1	0.20	0.09	0.13	0.14	39.07	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.03	0.05	0.01	0.03	71.14	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.69	1.23	1.26	1.39	18.43	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	19.28	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	ME7GE2L	Dilution Factor :	100
Date & Time Acquired ::	2017-08-22 13:37:33	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.01	0.00	87.27	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-04DLX20	Instrumnet Name :	P8
Client Sample ID :	ME7GE2S	Dilution Factor :	20
Date & Time Acquired ::	2017-08-22 13:40:43	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	132.25	116.24	137.13	128.54	8.50	ppb
Antimony	121-1	5.16	5.33	5.20	5.23	1.75	ppb
Arsenic	75-2	2.04	2.19	2.07	2.10	3.91	ppb
Barium	135-1	109.48	110.48	108.95	109.64	0.71	ppb
Barium	137-1	109.56	109.55	110.41	109.84	0.45	ppb
Beryllium	9-1	2.77	2.49	2.63	2.63	5.49	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.10	5.25	4.44	4.60	12.86	ppb
Boron	11-1	4.97	5.24	4.97	5.06	3.06	ppb
Cadmium	111-1	2.54	2.52	2.70	2.59	3.68	ppb
Cadmium	106-1	0.02	0.35	0.77	0.38	99.07	ppb
Cadmium	108-1	2.70	2.26	2.19	2.38	11.55	ppb
Calcium	43-1	3263.28	3222.30	3367.97	3284.52	2.29	ppb
Calcium	44-1	3379.39	3387.72	3436.72	3401.28	0.91	ppb
Chromium	52-2	11.57	10.91	10.50	10.99	4.92	ppb
Cobalt	59-2	29.13	27.31	27.08	27.84	4.05	ppb
Copper	63-2	15.40	14.40	14.23	14.68	4.29	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	181.66	172.48	172.69	175.61	2.98	ppb
Iron	57-2	176.63	161.72	168.47	168.94	4.42	ppb
Lead	206-1	1.20	1.23	1.19	1.21	1.32	ppb
Lead	207-1	1.19	1.15	1.19	1.18	1.94	ppb
Lead	208-1	1.20	1.21	1.21	1.21	0.71	ppb
Lithium	6-1						%
Magnesium	24-2	924.47	892.33	887.97	901.59	2.21	ppb
Manganese	55-2	38.93	36.14	35.26	36.78	5.22	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-04DLX20	Instrumnet Name :	P8
Client Sample ID :	ME7GE2S	Dilution Factor :	20
Date & Time Acquired ::	2017-08-22 13:40:43	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.11	0.07	0.06	0.08	30.14	ppb
Molybdenum	95-1	0.15	0.14	0.17	0.15	10.61	ppb
Molybdenum	96-1	0.15	0.15	0.14	0.15	3.36	ppb
Molybdenum	97-1	0.15	0.20	0.22	0.19	18.54	ppb
Molybdenum	98-1	0.18	0.17	0.17	0.17	3.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.70	27.45	27.37	28.17	4.69	ppb
Phosphorus	31-2	-12.19	16.69	2.17	2.22	649.92	ppb
Potassium	39-2	332.22	302.41	308.02	314.22	5.04	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	9.76	3.14	3.17	5.36	71.22	ppb
Selenium	78-2	6.88	4.44	9.93	7.08	38.86	ppb
Selenium	82-1	4.02	5.47	6.06	5.18	20.27	ppb
Silicon	28-1	164.48	170.17	166.72	167.12	1.72	ppb
Silver	109-1	2.50	2.54	2.42	2.49	2.38	ppb
Silver	107-1	2.48	2.53	2.48	2.50	1.30	ppb
Sodium	23-2	7033.58	6595.76	6535.52	6721.62	4.04	ppb
Strontium	86-1	8.14	8.24	8.21	8.20	0.60	ppb
Strontium	88-1	8.45	8.41	8.29	8.38	0.98	ppb
Sulfur	34-1	-385.57	-509.59	-340.24	-411.80		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	2.51	2.58	2.52	2.54	1.51	ppb
Thallium	205-1	2.59	2.55	2.60	2.58	0.92	ppb
Tin	118-1	0.08	0.03	0.10	0.07	50.74	ppb
Titanium	47-1	0.43	0.36	0.57	0.45	23.71	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	2.19	ppb
Vanadium	51-2	28.78	27.07	26.45	27.43	4.39	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	33.31	31.96	32.65	32.64	2.06	ppb
Zirconium	90-1	0.06	0.04	0.04	0.05	20.03	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-04DLX20	Instrumnet Name :	P8
Client Sample ID :	ME7GE2S	Dilution Factor :	20
Date & Time Acquired ::	2017-08-22 13:40:43	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.03	0.03	0.04	35.51	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-02DLX20	Instrumnet Name :	P8
Client Sample ID :	ME7GE3	Dilution Factor :	20
Date & Time Acquired ::	2017-08-22 13:43:52	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.58	-2.55	1.66	-0.11		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	24.79	ppb
Arsenic	75-2	-0.02	-0.03	-0.03	-0.03		ppb
Barium	135-1	-0.01	-0.03	-0.01	-0.02		ppb
Barium	137-1	0.01	0.00	0.00	0.00	22.92	ppb
Beryllium	9-1	-0.02	-0.01	0.03	0.00	1906.85	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.58	2.05	1.71	1.78	13.68	ppb
Boron	11-1	1.83	2.11	1.92	1.95	7.39	ppb
Cadmium	111-1	-0.19	-0.03	-0.12	-0.11		ppb
Cadmium	106-1	-2.66	-0.44	-1.68	-1.59		ppb
Cadmium	108-1	-0.13	-0.08	-0.03	-0.08		ppb
Calcium	43-1	8.65	3.85	1.77	4.76	74.29	ppb
Calcium	44-1	-7.47	-6.68	-5.27	-6.47		ppb
Chromium	52-2	-0.10	-0.06	-0.21	-0.12		ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.08	0.07	0.07	0.07	3.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.61	0.58	0.34	0.51	29.02	ppb
Iron	57-2	0.44	1.82	1.06	1.11	62.54	ppb
Lead	206-1	0.01	-0.02	-0.02	-0.01		ppb
Lead	207-1	-0.01	0.00	0.00	0.00	17946.13	ppb
Lead	208-1	0.00	0.00	0.00	0.00	199.03	ppb
Lithium	6-1						%
Magnesium	24-2	2.89	2.76	3.58	3.08	14.31	ppb
Manganese	55-2	0.01	0.06	-0.02	0.02	253.99	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-02DLX20	Instrumnet Name :	P8
Client Sample ID :	ME7GE3	Dilution Factor :	20
Date & Time Acquired ::	2017-08-22 13:43:52	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.01	0.01	0.00		ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	-0.02	-0.02	0.00	-0.01		ppb
Molybdenum	97-1	0.03	0.04	0.01	0.03	49.41	ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.03	-0.03	0.00		ppb
Phosphorus	31-2	2.12	3.30	-12.19	-2.26		ppb
Potassium	39-2	-17.24	-11.31	-16.97	-15.17		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.94	0.28	-0.39	-0.35		ppb
Selenium	82-1	0.13	0.14	0.18	0.15	17.42	ppb
Silicon	28-1	-23.82	-25.46	-22.30	-23.86		ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.32	ppb
Silver	107-1	0.01	0.02	0.02	0.01	16.05	ppb
Sodium	23-2	14.66	22.59	14.59	17.28	26.59	ppb
Strontium	86-1	-0.03	0.02	0.03	0.01	601.38	ppb
Strontium	88-1	0.00	0.01	0.01	0.01	48.89	ppb
Sulfur	34-1	-703.29	-777.28	-574.55	-685.04		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	31.71	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.10	0.11	0.11	0.11	6.77	ppb
Titanium	47-1	0.06	0.09	-0.04	0.03	207.01	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	-0.01	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.18	0.48	0.59	0.42	51.03	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	39.91	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-02DLX20	Instrumnet Name :	P8
Client Sample ID :	ME7GE3	Dilution Factor :	20
Date & Time Acquired ::	2017-08-22 13:43:52	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.03	0.01	0.01	217.70	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:47:01	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51688.03	52441.33	49775.74	51301.70	2.68	ppb
Antimony	121-1	507.18	494.02	498.27	499.82	1.34	ppb
Arsenic	75-2	496.46	495.31	494.06	495.28	0.24	ppb
Barium	135-1	2549.47	2490.54	2495.26	2511.75	1.30	ppb
Barium	137-1	2540.89	2472.71	2496.30	2503.30	1.38	ppb
Beryllium	9-1	522.73	513.34	507.61	514.56	1.48	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	512.96	510.65	516.40	513.34	0.56	ppb
Boron	11-1	510.55	507.89	504.65	507.69	0.58	ppb
Cadmium	111-1	485.73	475.96	475.75	479.15	1.19	ppb
Cadmium	106-1	506.36	478.32	495.15	493.27	2.86	ppb
Cadmium	108-1	498.20	485.20	490.21	491.20	1.34	ppb
Calcium	43-1	246563.05	243614.69	245075.07	245084.27	0.60	ppb
Calcium	44-1	248720.79	243688.26	242533.84	244980.96	1.34	ppb
Chromium	52-2	513.82	522.15	503.05	513.01	1.87	ppb
Cobalt	59-2	499.49	513.38	492.70	501.85	2.10	ppb
Copper	63-2	1008.20	1025.15	982.72	1005.36	2.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	125844.22	127119.46	123192.79	125385.49	1.60	ppb
Iron	57-2	126347.52	129704.23	125756.79	127269.52	1.67	ppb
Lead	206-1	526.65	523.30	509.73	519.89	1.72	ppb
Lead	207-1	527.13	523.29	517.03	522.49	0.98	ppb
Lead	208-1	525.01	519.79	514.80	519.87	0.98	ppb
Lithium	6-1						%
Magnesium	24-2	252900.39	256576.40	247956.44	252477.74	1.71	ppb
Manganese	55-2	1017.39	1045.74	997.84	1020.32	2.36	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:47:01	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	514.42	499.09	500.33	504.61	1.69	ppb
Molybdenum	95-1	514.66	498.29	497.33	503.43	1.94	ppb
Molybdenum	96-1	517.46	492.66	502.82	504.31	2.47	ppb
Molybdenum	97-1	502.33	488.91	500.43	497.23	1.46	ppb
Molybdenum	98-1	513.66	499.75	503.44	505.61	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.97	510.91	493.43	501.10	1.78	ppb
Phosphorus	31-2	10293.42	10784.22	10025.62	10367.75	3.71	ppb
Potassium	39-2	128633.31	132185.23	126736.64	129185.06	2.14	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	471.58	454.53	570.58	498.90	12.56	ppb
Selenium	78-2	523.70	469.88	505.16	499.58	5.47	ppb
Selenium	82-1	499.52	486.20	489.86	491.86	1.40	ppb
Silicon	28-1	536.97	528.66	525.64	530.42	1.11	ppb
Silver	109-1	498.10	490.32	489.55	492.66	0.96	ppb
Silver	107-1	499.07	488.46	489.95	492.49	1.17	ppb
Sodium	23-2	253779.71	256832.95	247621.90	252744.86	1.86	ppb
Strontium	86-1	521.99	503.27	505.58	510.28	2.00	ppb
Strontium	88-1	517.90	505.14	506.12	509.72	1.39	ppb
Sulfur	34-1	10537.96	10102.51	9933.22	10191.23	3.06	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	523.29	520.31	520.49	521.36	0.32	ppb
Thallium	205-1	522.76	513.48	512.70	516.31	1.08	ppb
Tin	118-1	503.99	500.51	495.78	500.10	0.82	ppb
Titanium	47-1	512.10	497.58	499.01	502.90	1.59	ppb
Uranium	238-1	521.05	522.87	519.09	521.00	0.36	ppb
Vanadium	51-2	514.95	527.11	503.51	515.19	2.29	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	996.59	1021.67	983.97	1000.74	1.92	ppb
Zirconium	90-1	508.77	497.47	496.37	500.87	1.37	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:47:01	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	514.96	495.51	501.84	504.10	1.97	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : CCB41 Instrumnet Name : P8
 Client Sample ID : CCB41 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 13:50:01 DataFile Name : 032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.27	0.72	1.98	1.32	47.81	ppb
Antimony	121-1	0.27	0.25	0.26	0.26	2.51	ppb
Arsenic	75-2	-0.02	0.01	-0.03	-0.01		ppb
Barium	135-1	-0.03	-0.03	-0.01	-0.03		ppb
Barium	137-1	-0.01	0.01	-0.01	0.00		ppb
Beryllium	9-1	0.06	0.05	0.08	0.06	23.37	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	11.29	12.49	10.92	11.57	7.08	ppb
Boron	11-1	13.09	11.40	11.74	12.07	7.39	ppb
Cadmium	111-1	-0.11	-0.09	-0.09	-0.10		ppb
Cadmium	106-1	-1.68	-1.51	-1.32	-1.50		ppb
Cadmium	108-1	0.00	0.05	0.00	0.01	206.25	ppb
Calcium	43-1	-3.47	-4.73	1.97	-2.08		ppb
Calcium	44-1	-2.43	-7.01	-2.66	-4.03		ppb
Chromium	52-2	-0.05	-0.20	-0.13	-0.13		ppb
Cobalt	59-2	-0.01	0.00	0.00	-0.01		ppb
Copper	63-2	0.00	-0.05	-0.02	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.86	1.00	0.88	1.25	43.16	ppb
Iron	57-2	3.34	-0.34	1.38	1.46	125.84	ppb
Lead	206-1	0.01	0.03	0.01	0.01	74.49	ppb
Lead	207-1	0.01	0.03	0.03	0.02	36.80	ppb
Lead	208-1	0.02	0.03	0.02	0.02	40.10	ppb
Lithium	6-1						%
Magnesium	24-2	0.94	0.59	3.57	1.70	95.87	ppb
Manganese	55-2	0.05	-0.08	-0.03	-0.02		ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P8
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:50:01	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.04	0.05	0.05	29.74	ppb
Molybdenum	95-1	0.04	0.02	0.03	0.03	33.53	ppb
Molybdenum	96-1	0.04	0.03	0.03	0.03	25.04	ppb
Molybdenum	97-1	0.06	0.08	0.06	0.06	13.95	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	4.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.06	-0.03	-0.02		ppb
Phosphorus	31-2	4.45	2.59	-12.19	-1.72		ppb
Potassium	39-2	28.02	5.27	11.96	15.08	77.51	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	3.30	1.10	173.21	ppb
Selenium	78-2	-1.48	-0.91	-0.35	-0.91		ppb
Selenium	82-1	-0.20	-0.07	-0.18	-0.15		ppb
Silicon	28-1	-16.55	-18.74	-17.47	-17.59		ppb
Silver	109-1	0.03	0.02	0.02	0.03	16.51	ppb
Silver	107-1	0.03	0.02	0.02	0.03	20.01	ppb
Sodium	23-2	69.85	64.55	57.60	64.00	9.60	ppb
Strontium	86-1	-0.03	-0.01	-0.02	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	32.44	ppb
Sulfur	34-1	-475.82	-821.16	-418.43	-571.81		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.08	0.07	0.07	4.75	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	12.02	ppb
Tin	118-1	0.07	0.03	0.09	0.06	49.52	ppb
Titanium	47-1	0.02	0.07	0.00	0.03	137.15	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	482.40	ppb
Vanadium	51-2	0.02	0.02	-0.01	0.01	256.98	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.03	0.12	-0.04	0.03	245.54	ppb
Zirconium	90-1	0.08	0.05	0.05	0.06	26.97	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P8
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:50:01	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.05	0.04	0.05	14.67	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4895-19RE Instrumnet Name : P8
 Client Sample ID : DC2032-20-BS-CL2-W4- Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 13:55:42 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.65	4.28	3.12	8.02	93.56	ppb
Antimony	121-1	0.11	0.09	0.11	0.10	10.79	ppb
Arsenic	75-2	0.37	0.23	0.24	0.28	28.31	ppb
Barium	135-1	16.64	14.91	15.63	15.73	5.53	ppb
Barium	137-1	16.23	15.71	15.48	15.81	2.42	ppb
Beryllium	9-1	0.06	0.02	0.01	0.03	84.10	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.31	9.42	9.05	8.92	6.36	ppb
Boron	11-1	10.09	9.77	10.13	10.00	1.98	ppb
Cadmium	111-1	-0.21	-0.07	-0.06	-0.11		ppb
Cadmium	106-1	-3.01	-1.05	-0.65	-1.57		ppb
Cadmium	108-1	0.12	0.00	0.27	0.13	103.66	ppb
Calcium	43-1	5584.92	5260.24	5364.57	5403.24	3.07	ppb
Calcium	44-1	5656.40	5439.49	5507.32	5534.40	2.00	ppb
Chromium	52-2	0.25	0.25	0.24	0.25	3.87	ppb
Cobalt	59-2	0.03	0.02	0.03	0.03	26.79	ppb
Copper	63-2	144.21	145.35	145.43	145.00	0.47	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	22.06	21.76	21.00	21.61	2.52	ppb
Iron	57-2	16.05	19.78	20.69	18.84	13.03	ppb
Lead	206-1	0.39	0.37	0.38	0.38	3.19	ppb
Lead	207-1	0.35	0.37	0.33	0.35	5.66	ppb
Lead	208-1	0.40	0.36	0.36	0.37	5.73	ppb
Lithium	6-1						%
Magnesium	24-2	1148.04	1201.71	1177.70	1175.81	2.29	ppb
Manganese	55-2	10.59	10.31	10.51	10.47	1.39	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4895-19RE	Instrumnet Name :	P8
Client Sample ID :	DC2032-20-BS-CL2-W4-	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:55:42	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.18	0.19	0.15	0.17	12.31	ppb
Molybdenum	95-1	0.04	0.02	0.04	0.03	30.98	ppb
Molybdenum	96-1	0.06	0.07	0.06	0.07	5.53	ppb
Molybdenum	97-1	0.06	0.03	0.10	0.07	52.89	ppb
Molybdenum	98-1	0.05	0.05	0.04	0.04	13.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.83	0.88	0.94	0.88	6.20	ppb
Phosphorus	31-2	562.05	734.88	672.14	656.36	13.33	ppb
Potassium	39-2	490.22	471.69	490.13	484.01	2.21	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.48	-0.92	1.93	-0.16		ppb
Selenium	82-1	-0.36	-0.23	-0.55	-0.38		ppb
Silicon	28-1	892.93	848.37	882.25	874.52	2.66	ppb
Silver	109-1	0.03	0.02	0.02	0.02	21.75	ppb
Silver	107-1	0.03	0.02	0.02	0.02	22.18	ppb
Sodium	23-2	9337.37	9394.00	9247.31	9326.23	0.79	ppb
Strontium	86-1	17.94	17.35	16.98	17.43	2.79	ppb
Strontium	88-1	18.39	17.89	17.78	18.02	1.82	ppb
Sulfur	34-1	1891.10	1054.43	1340.33	1428.62	29.77	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.02	0.02	16.28	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	31.78	ppb
Tin	118-1	-0.01	0.00	0.00	0.00		ppb
Titanium	47-1	0.32	0.22	0.36	0.30	23.39	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	72.70	ppb
Vanadium	51-2	0.08	0.04	0.05	0.06	31.08	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	104.67	109.00	105.46	106.38	2.17	ppb
Zirconium	90-1	0.26	0.23	0.21	0.23	10.76	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4895-19RE	Instrumnet Name :	P8
Client Sample ID :	DC2032-20-BS-CL2-W4-	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:55:42	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.28	0.22	0.21	0.23	16.86	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4895-20RE Instrumnet Name : P8
 Client Sample ID : DC2032-21-BS-CL2-W4- Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 13:58:51 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.49	10.34	9.36	7.73	47.91	ppb
Antimony	121-1	0.06	0.07	0.08	0.07	10.89	ppb
Arsenic	75-2	0.28	0.28	0.35	0.30	14.35	ppb
Barium	135-1	15.97	15.70	16.25	15.98	1.70	ppb
Barium	137-1	16.08	16.18	15.90	16.05	0.89	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	167.10	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.84	6.21	8.46	7.17	16.16	ppb
Boron	11-1	6.60	6.82	7.24	6.89	4.70	ppb
Cadmium	111-1	-0.13	-0.13	-0.13	-0.13		ppb
Cadmium	106-1	-1.95	-1.96	-1.85	-1.92		ppb
Cadmium	108-1	-0.06	-0.11	-0.01	-0.06		ppb
Calcium	43-1	5399.37	5369.98	5351.94	5373.76	0.45	ppb
Calcium	44-1	5487.17	5466.97	5460.92	5471.68	0.25	ppb
Chromium	52-2	0.03	0.07	-0.01	0.03	117.08	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	178.83	ppb
Copper	63-2	140.91	160.66	148.42	149.99	6.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	21.09	23.74	22.65	22.50	5.92	ppb
Iron	57-2	16.81	17.76	24.83	19.80	22.13	ppb
Lead	206-1	0.20	0.19	0.20	0.20	2.38	ppb
Lead	207-1	0.17	0.18	0.21	0.19	10.72	ppb
Lead	208-1	0.18	0.19	0.20	0.19	4.36	ppb
Lithium	6-1						%
Magnesium	24-2	1134.27	1279.39	1204.59	1206.08	6.02	ppb
Manganese	55-2	12.11	13.32	12.64	12.69	4.77	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4895-20RE	Instrumnet Name :	P8
Client Sample ID :	DC2032-21-BS-CL2-W4-	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:58:51	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.11	0.06	0.09	26.45	ppb
Molybdenum	95-1	0.04	0.06	0.04	0.05	21.71	ppb
Molybdenum	96-1	0.05	0.05	0.03	0.04	21.55	ppb
Molybdenum	97-1	0.07	0.05	0.06	0.06	17.61	ppb
Molybdenum	98-1	0.03	0.04	0.03	0.04	22.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.38	0.20	0.28	32.71	ppb
Phosphorus	31-2	482.48	707.13	860.71	683.44	27.83	ppb
Potassium	39-2	454.06	513.40	487.15	484.87	6.13	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	3.45	0.00	1.15	173.21	ppb
Selenium	78-2	0.08	-0.89	-1.48	-0.76		ppb
Selenium	82-1	0.48	-0.04	0.14	0.20	135.74	ppb
Silicon	28-1	885.92	842.85	839.98	856.25	3.01	ppb
Silver	109-1	0.02	0.02	0.02	0.02	1.22	ppb
Silver	107-1	0.02	0.02	0.02	0.02	9.21	ppb
Sodium	23-2	9466.36	10720.27	9875.11	10020.58	6.38	ppb
Strontium	86-1	17.64	17.87	17.98	17.83	0.97	ppb
Strontium	88-1	18.01	18.27	18.13	18.14	0.71	ppb
Sulfur	34-1	-291.73	-158.32	-314.71	-254.92		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.01	0.01	47.90	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	51.13	ppb
Tin	118-1	-0.12	-0.12	-0.13	-0.12		ppb
Titanium	47-1	0.49	0.31	0.33	0.38	25.35	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	18.84	ppb
Vanadium	51-2	0.02	0.07	0.03	0.04	67.34	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	12.94	16.38	14.26	14.53	11.97	ppb
Zirconium	90-1	0.12	0.13	0.10	0.12	13.16	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4895-20RE	Instrumnet Name :	P8
Client Sample ID :	DC2032-21-BS-CL2-W4-	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:58:51	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.16	0.12	0.14	12.04	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4896-33RE Instrumnet Name : P8
 Client Sample ID : DC14723-34-FL1-CL107 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:02:00 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.56	11.09	10.16	12.27	23.56	ppb
Antimony	121-1	0.06	0.07	0.06	0.07	12.68	ppb
Arsenic	75-2	0.36	0.23	0.26	0.28	24.34	ppb
Barium	135-1	15.85	15.69	15.99	15.84	0.97	ppb
Barium	137-1	15.79	15.91	16.00	15.90	0.66	ppb
Beryllium	9-1	0.06	0.00	0.03	0.03	84.73	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.76	8.48	5.06	6.77	25.24	ppb
Boron	11-1	6.03	7.20	6.79	6.67	8.90	ppb
Cadmium	111-1	-0.05	-0.07	-0.08	-0.07		ppb
Cadmium	106-1	-0.71	-1.22	-1.33	-1.08		ppb
Cadmium	108-1	0.17	-0.06	0.09	0.07	169.22	ppb
Calcium	43-1	5749.90	5504.31	5485.27	5579.83	2.65	ppb
Calcium	44-1	5801.98	5735.62	5612.95	5716.85	1.68	ppb
Chromium	52-2	0.08	0.01	0.18	0.09	92.54	ppb
Cobalt	59-2	0.02	0.01	0.00	0.01	89.20	ppb
Copper	63-2	150.12	147.32	148.56	148.67	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	21.93	22.14	20.60	21.56	3.87	ppb
Iron	57-2	23.13	20.08	17.90	20.37	12.89	ppb
Lead	206-1	0.53	0.54	0.55	0.54	1.94	ppb
Lead	207-1	0.49	0.49	0.57	0.51	9.07	ppb
Lead	208-1	0.51	0.52	0.55	0.53	3.86	ppb
Lithium	6-1						%
Magnesium	24-2	1138.86	1134.80	1146.40	1140.02	0.52	ppb
Manganese	55-2	13.83	13.51	13.07	13.47	2.83	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4896-33RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-34-FL1-CL107	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:02:00	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.11	0.07	0.09	21.90	ppb
Molybdenum	95-1	0.02	0.04	0.04	0.03	26.54	ppb
Molybdenum	96-1	0.04	0.03	0.04	0.04	15.78	ppb
Molybdenum	97-1	0.06	0.03	0.03	0.04	40.94	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	16.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.23	3.02	3.01	3.09	3.99	ppb
Phosphorus	31-2	602.91	750.20	486.59	613.23	21.54	ppb
Potassium	39-2	475.13	482.90	477.07	478.37	0.84	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.64	-0.41	-0.42	-0.06		ppb
Selenium	82-1	0.18	0.41	0.00	0.20	103.37	ppb
Silicon	28-1	906.35	875.52	866.91	882.93	2.35	ppb
Silver	109-1	0.01	0.01	0.01	0.01	16.48	ppb
Silver	107-1	0.01	0.01	0.01	0.01	9.53	ppb
Sodium	23-2	10231.78	10091.67	10108.40	10143.95	0.75	ppb
Strontium	86-1	18.71	18.57	18.56	18.62	0.45	ppb
Strontium	88-1	19.06	18.76	19.11	18.98	1.01	ppb
Sulfur	34-1	473.26	8.78	-84.52	132.51	225.47	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	24.45	ppb
Thallium	205-1	0.00	0.01	0.00	0.01	33.91	ppb
Tin	118-1	0.24	0.22	0.19	0.22	10.79	ppb
Titanium	47-1	0.25	0.30	0.35	0.30	16.35	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	42.09	ppb
Vanadium	51-2	0.08	0.11	0.10	0.10	16.60	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	242.34	238.72	243.35	241.47	1.01	ppb
Zirconium	90-1	0.12	0.12	0.10	0.11	8.36	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4896-33RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-34-FL1-CL107	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:02:00	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.15	0.11	0.12	16.72	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4896-34RE Instrumnet Name : P8
 Client Sample ID : DC14723-35-FL1-CL107 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:05:09 DataFile Name : 036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.87	0.67	20.02	9.52	102.73	ppb
Antimony	121-1	0.07	0.06	0.06	0.06	12.07	ppb
Arsenic	75-2	0.24	0.25	0.33	0.27	17.22	ppb
Barium	135-1	14.95	15.13	14.79	14.96	1.11	ppb
Barium	137-1	15.44	15.58	15.83	15.62	1.28	ppb
Beryllium	9-1	0.02	0.05	0.02	0.03	52.64	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.10	6.37	7.21	6.56	8.77	ppb
Boron	11-1	5.84	6.30	6.26	6.13	4.19	ppb
Cadmium	111-1	-0.12	-0.03	-0.15	-0.10		ppb
Cadmium	106-1	-1.78	-0.53	-2.23	-1.51		ppb
Cadmium	108-1	-0.08	-0.13	-0.03	-0.08		ppb
Calcium	43-1	5466.64	5463.24	5469.69	5466.52	0.06	ppb
Calcium	44-1	5613.99	5599.51	5642.26	5618.59	0.39	ppb
Chromium	52-2	0.01	-0.03	-0.01	-0.01		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	2.19	ppb
Copper	63-2	145.79	151.68	157.50	151.66	3.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	20.75	21.37	22.18	21.43	3.34	ppb
Iron	57-2	18.51	18.48	25.29	20.76	18.88	ppb
Lead	206-1	0.08	0.11	0.11	0.10	16.15	ppb
Lead	207-1	0.09	0.10	0.09	0.09	1.49	ppb
Lead	208-1	0.10	0.09	0.10	0.10	3.73	ppb
Lithium	6-1						%
Magnesium	24-2	1078.68	1141.87	1184.24	1134.93	4.68	ppb
Manganese	55-2	13.14	13.44	14.37	13.65	4.71	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4896-34RE Instrumnet Name : P8
 Client Sample ID : DC14723-35-FL1-CL107 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:05:09 DataFile Name : 036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.03	0.05	0.04	33.14	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.02	34.38	ppb
Molybdenum	96-1	0.02	0.04	0.03	0.03	30.65	ppb
Molybdenum	97-1	0.05	0.04	0.02	0.04	36.85	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	6.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.31	3.40	3.25	3.32	2.33	ppb
Phosphorus	31-2	620.96	616.59	531.20	589.58	8.58	ppb
Potassium	39-2	487.45	470.86	539.59	499.30	7.18	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	3.14	0.00	1.05	173.21	ppb
Selenium	78-2	-0.95	0.68	-0.92	-0.40		ppb
Selenium	82-1	-0.38	-0.04	0.34	-0.03		ppb
Silicon	28-1	850.11	881.54	880.17	870.61	2.04	ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.02	ppb
Silver	107-1	0.01	0.01	0.01	0.01	15.53	ppb
Sodium	23-2	9891.80	10183.88	10668.76	10248.15	3.83	ppb
Strontium	86-1	18.42	18.61	18.62	18.55	0.61	ppb
Strontium	88-1	18.80	19.00	18.90	18.90	0.54	ppb
Sulfur	34-1	-243.75	-66.93	126.38	-61.43		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	30.46	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	17.91	ppb
Tin	118-1	0.83	0.70	0.67	0.74	11.62	ppb
Titanium	47-1	0.31	0.36	0.30	0.32	10.20	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	10.46	ppb
Vanadium	51-2	0.05	0.06	0.04	0.05	15.88	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	31.94	32.93	32.79	32.55	1.64	ppb
Zirconium	90-1	0.04	0.04	0.06	0.05	18.96	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4896-34RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-35-FL1-CL107	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:05:09	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.02	0.04	0.04	52.16	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4896-35RE Instrumnet Name : P8
 Client Sample ID : DC14723-36-FL1-CL108 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:08:18 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	80.18	68.25	58.22	68.88	15.96	ppb
Antimony	121-1	0.07	0.06	0.07	0.07	13.41	ppb
Arsenic	75-2	0.42	0.24	0.23	0.30	35.52	ppb
Barium	135-1	17.15	16.65	16.71	16.84	1.61	ppb
Barium	137-1	17.10	16.58	16.88	16.85	1.54	ppb
Beryllium	9-1	0.02	0.01	0.00	0.01	96.71	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.21	6.15	5.50	6.29	13.73	ppb
Boron	11-1	6.08	6.13	5.75	5.99	3.49	ppb
Cadmium	111-1	-0.08	-0.18	-0.05	-0.10		ppb
Cadmium	106-1	-1.30	-2.73	-0.95	-1.66		ppb
Cadmium	108-1	0.09	0.02	-0.03	0.03	244.56	ppb
Calcium	43-1	5443.72	5544.55	5414.91	5467.73	1.24	ppb
Calcium	44-1	5689.58	5586.90	5614.12	5630.20	0.94	ppb
Chromium	52-2	-0.04	-0.05	0.00	-0.03		ppb
Cobalt	59-2	0.09	0.08	0.07	0.08	13.10	ppb
Copper	63-2	167.54	166.09	169.25	167.63	0.95	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	56.48	54.94	56.28	55.90	1.50	ppb
Iron	57-2	58.51	53.91	53.93	55.45	4.78	ppb
Lead	206-1	0.56	0.59	0.56	0.57	2.79	ppb
Lead	207-1	0.54	0.52	0.51	0.53	3.00	ppb
Lead	208-1	0.56	0.57	0.56	0.56	0.68	ppb
Lithium	6-1						%
Magnesium	24-2	1130.31	1126.03	1149.49	1135.28	1.10	ppb
Manganese	55-2	36.47	35.35	37.02	36.28	2.34	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4896-35RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-36-FL1-CL108	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:08:18	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.09	0.06	0.08	22.26	ppb
Molybdenum	95-1	0.04	0.02	0.03	0.03	32.37	ppb
Molybdenum	96-1	0.03	0.05	0.03	0.04	26.42	ppb
Molybdenum	97-1	0.07	0.04	0.06	0.06	25.47	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.01	23.07	23.24	23.11	0.53	ppb
Phosphorus	31-2	677.52	751.29	582.90	670.57	12.59	ppb
Potassium	39-2	461.26	471.28	468.70	467.08	1.11	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.94	1.18	-1.48	-0.41		ppb
Selenium	82-1	0.30	-0.19	0.97	0.36	160.33	ppb
Silicon	28-1	867.94	867.49	866.51	867.31	0.08	ppb
Silver	109-1	0.02	0.02	0.03	0.02	43.95	ppb
Silver	107-1	0.02	0.01	0.02	0.02	32.09	ppb
Sodium	23-2	9970.94	9924.09	10215.49	10036.84	1.56	ppb
Strontium	86-1	18.41	18.17	18.89	18.49	1.98	ppb
Strontium	88-1	18.81	18.78	19.16	18.92	1.13	ppb
Sulfur	34-1	-274.75	-78.92	-235.78	-196.48		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.00	0.00	115.43	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	79.09	ppb
Tin	118-1	0.22	0.25	0.23	0.23	8.19	ppb
Titanium	47-1	0.61	0.78	0.54	0.64	19.20	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.38	ppb
Vanadium	51-2	0.08	0.08	0.11	0.09	19.23	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	131.00	132.53	133.19	132.24	0.85	ppb
Zirconium	90-1	0.13	0.12	0.12	0.12	2.10	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4896-35RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-36-FL1-CL108	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:08:18	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.16	0.13	0.10	0.13	23.21	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : PB101712BL Instrumnet Name : P8
 Client Sample ID : PB101712BL Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:11:28 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.34	-2.55	0.81	-0.69		ppb
Antimony	121-1	0.00	0.01	0.01	0.01	37.40	ppb
Arsenic	75-2	0.01	0.01	0.00	0.01	134.89	ppb
Barium	135-1	-0.01	-0.02	0.00	-0.01		ppb
Barium	137-1	-0.02	-0.01	0.01	-0.01		ppb
Beryllium	9-1	0.01	-0.01	0.01	0.00	252.29	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.46	2.47	2.29	2.07	26.08	ppb
Boron	11-1	2.53	2.46	2.19	2.39	7.44	ppb
Cadmium	111-1	-0.14	-0.17	-0.18	-0.16		ppb
Cadmium	106-1	-1.94	-2.31	-2.54	-2.26		ppb
Cadmium	108-1	0.03	-0.05	-0.08	-0.03		ppb
Calcium	43-1	-5.06	9.11	10.49	4.85	177.68	ppb
Calcium	44-1	-3.90	-3.25	2.87	-1.43		ppb
Chromium	52-2	-0.14	-0.16	-0.11	-0.14		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.03	0.00	0.02	0.01	87.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.07	0.06	0.28	0.14	88.80	ppb
Iron	57-2	-1.23	1.85	-1.21	-0.20		ppb
Lead	206-1	0.22	0.20	0.21	0.21	3.75	ppb
Lead	207-1	0.19	0.20	0.21	0.20	4.66	ppb
Lead	208-1	0.20	0.21	0.22	0.21	3.36	ppb
Lithium	6-1						%
Magnesium	24-2	-1.45	0.35	2.82	0.57	372.37	ppb
Manganese	55-2	-0.06	-0.01	-0.09	-0.05		ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	PB101712BL	Instrumnet Name :	P8
Client Sample ID :	PB101712BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:11:28	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	95-1	-0.02	-0.02	-0.01	-0.02		ppb
Molybdenum	96-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	97-1	0.00	-0.01	0.03	0.01	225.51	ppb
Molybdenum	98-1	0.00	-0.01	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	-0.04	-0.01	0.00	10018.80	ppb
Phosphorus	31-2	-12.19	-12.19	48.23	7.95	438.82	ppb
Potassium	39-2	0.15	3.07	-4.06	-0.28		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.22	-0.34	-0.35	-0.15		ppb
Selenium	82-1	-0.29	0.31	-0.47	-0.15		ppb
Silicon	28-1	-15.19	-16.44	-9.76	-13.80		ppb
Silver	109-1	0.00	0.01	0.01	0.01	40.61	ppb
Silver	107-1	0.01	0.01	0.01	0.01	21.51	ppb
Sodium	23-2	22.84	24.76	22.63	23.41	5.02	ppb
Strontium	86-1	-0.02	0.01	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	167.93	ppb
Sulfur	34-1	-393.59	-371.96	25.21	-246.78		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	1721.76	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	28.76	ppb
Tin	118-1	-0.10	-0.13	-0.09	-0.11		ppb
Titanium	47-1	0.02	0.05	0.08	0.05	59.42	ppb
Uranium	238-1	-0.01	0.00	0.00	-0.01		ppb
Vanadium	51-2	-0.01	-0.02	0.00	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.16	0.30	0.30	0.26	31.28	ppb
Zirconium	90-1	0.00	0.01	0.00	0.01	70.46	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	PB101712BL	Instrumnet Name :	P8
Client Sample ID :	PB101712BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:11:28	DataFile Name :	038SMPL.d

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

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : PB101712BS Instrumnet Name : P8
 Client Sample ID : PB101712BS Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:14:37 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.50	-0.44	-1.49	-1.14		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	12.87	ppb
Arsenic	75-2	-0.02	0.00	0.04	0.00	582.79	ppb
Barium	135-1	-0.03	-0.02	0.00	-0.02		ppb
Barium	137-1	0.03	0.00	0.00	0.01	178.67	ppb
Beryllium	9-1	-0.01	0.04	0.00	0.01	250.00	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.65	2.90	1.77	2.44	24.49	ppb
Boron	11-1	1.85	2.38	2.55	2.26	16.24	ppb
Cadmium	111-1	-0.13	-0.12	-0.17	-0.14		ppb
Cadmium	106-1	-1.92	-1.75	-2.43	-2.03		ppb
Cadmium	108-1	-0.08	-0.13	-0.13	-0.12		ppb
Calcium	43-1	9.31	-8.43	0.59	0.49	1807.36	ppb
Calcium	44-1	-0.42	-5.16	-4.00	-3.19		ppb
Chromium	52-2	-0.19	-0.15	-0.12	-0.15		ppb
Cobalt	59-2	0.02	0.00	0.01	0.01	86.38	ppb
Copper	63-2	-0.03	-0.05	-0.04	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.55	0.11	0.15	0.27	90.73	ppb
Iron	57-2	-1.91	1.76	0.30	0.05	3647.22	ppb
Lead	206-1	507.97	486.95	500.15	498.35	2.13	ppb
Lead	207-1	508.88	493.80	505.27	502.65	1.57	ppb
Lead	208-1	510.32	492.45	500.60	501.12	1.79	ppb
Lithium	6-1						%
Magnesium	24-2	0.12	2.34	0.14	0.86	147.85	ppb
Manganese	55-2	-0.04	-0.02	-0.02	-0.02		ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	PB101712BS	Instrumnet Name :	P8
Client Sample ID :	PB101712BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:14:37	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	95-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	-0.02	-0.02	-0.01	-0.02		ppb
Molybdenum	97-1	0.03	0.02	0.00	0.01	110.03	ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.03	-0.04	-0.02		ppb
Phosphorus	31-2	2.55	2.37	-12.19	-2.42		ppb
Potassium	39-2	-22.51	-7.58	3.40	-8.90		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	3.24	3.26	2.16	86.60	ppb
Selenium	78-2	-1.48	-1.48	0.20	-0.92		ppb
Selenium	82-1	-0.03	-0.47	0.36	-0.05		ppb
Silicon	28-1	-15.92	-21.25	-16.45	-17.87		ppb
Silver	109-1	0.01	0.01	0.00	0.01	55.38	ppb
Silver	107-1	0.01	0.01	0.00	0.01	31.51	ppb
Sodium	23-2	24.60	21.22	17.58	21.14	16.61	ppb
Strontium	86-1	0.00	0.02	-0.01	0.00	333.44	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	21.17	ppb
Sulfur	34-1	-433.03	-806.83	-681.31	-640.39		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.01	0.01	51.16	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	66.17	ppb
Tin	118-1	0.00	-0.06	-0.04	-0.03		ppb
Titanium	47-1	0.09	0.04	0.05	0.06	41.61	ppb
Uranium	238-1	-0.01	-0.01	0.00	-0.01		ppb
Vanadium	51-2	-0.01	-0.02	0.00	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.17	0.19	0.10	0.15	30.29	ppb
Zirconium	90-1	0.01	0.00	0.00	0.01	31.17	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	PB101712BS	Instrumnet Name :	P8
Client Sample ID :	PB101712BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:14:37	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.00	0.00	278.35	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-01RE Instrumnet Name : P8
 Client Sample ID : DC14723-37-FL1-CL108 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:17:45 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.97	8.81	8.85	8.88	0.97	ppb
Antimony	121-1	0.06	0.06	0.05	0.05	13.26	ppb
Arsenic	75-2	0.28	0.21	0.25	0.25	12.96	ppb
Barium	135-1	16.41	15.85	15.53	15.93	2.80	ppb
Barium	137-1	15.92	15.92	16.08	15.97	0.59	ppb
Beryllium	9-1	-0.02	-0.01	0.00	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.11	5.20	5.15	5.49	9.82	ppb
Boron	11-1	4.93	4.72	5.47	5.04	7.69	ppb
Cadmium	111-1	-0.11	-0.11	-0.19	-0.13		ppb
Cadmium	106-1	-1.75	-1.50	-2.71	-1.99		ppb
Cadmium	108-1	-0.08	-0.06	-0.08	-0.08		ppb
Calcium	43-1	5564.27	5489.33	5534.31	5529.30	0.68	ppb
Calcium	44-1	5723.31	5619.90	5680.56	5674.59	0.92	ppb
Chromium	52-2	-0.01	-0.09	-0.10	-0.07		ppb
Cobalt	59-2	0.00	0.00	0.01	0.01	85.29	ppb
Copper	63-2	111.65	109.18	109.99	110.28	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	20.61	20.39	21.68	20.90	3.30	ppb
Iron	57-2	18.00	18.59	15.71	17.43	8.71	ppb
Lead	206-1	0.08	0.05	0.07	0.07	25.43	ppb
Lead	207-1	0.07	0.08	0.06	0.07	12.87	ppb
Lead	208-1	0.07	0.06	0.06	0.07	10.08	ppb
Lithium	6-1						%
Magnesium	24-2	1113.09	1103.06	1116.87	1111.01	0.64	ppb
Manganese	55-2	12.68	12.27	12.56	12.50	1.70	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-01RE Instrumnet Name : P8
 Client Sample ID : DC14723-37-FL1-CL108 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:17:45 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.03	0.04	0.03	16.64	ppb
Molybdenum	95-1	0.03	0.03	0.01	0.02	39.76	ppb
Molybdenum	96-1	0.02	0.03	0.03	0.02	21.39	ppb
Molybdenum	97-1	0.03	0.03	0.02	0.03	34.95	ppb
Molybdenum	98-1	0.03	0.04	0.03	0.03	27.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.57	1.53	1.48	1.53	3.20	ppb
Phosphorus	31-2	778.70	573.10	589.20	647.00	17.67	ppb
Potassium	39-2	486.34	446.94	497.37	476.89	5.56	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.44	-0.44	-0.44	-0.44		ppb
Selenium	82-1	-0.26	-0.67	-0.66	-0.53		ppb
Silicon	28-1	872.36	852.00	848.86	857.74	1.49	ppb
Silver	109-1	0.02	0.01	0.01	0.01	35.32	ppb
Silver	107-1	0.01	0.01	0.01	0.01	27.58	ppb
Sodium	23-2	10246.24	10076.87	10064.29	10129.13	1.00	ppb
Strontium	86-1	18.56	18.28	18.73	18.52	1.22	ppb
Strontium	88-1	19.22	18.84	19.01	19.02	1.00	ppb
Sulfur	34-1	-140.54	-395.85	-127.37	-221.26		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.01	0.00	156.69	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	49.57	ppb
Tin	118-1	-0.06	-0.05	-0.04	-0.05		ppb
Titanium	47-1	0.41	0.31	0.27	0.33	21.41	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	35.21	ppb
Vanadium	51-2	0.03	0.07	0.05	0.05	41.51	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.83	6.34	6.99	6.72	5.08	ppb
Zirconium	90-1	0.04	0.04	0.06	0.04	28.59	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-01RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-37-FL1-CL108	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:17:45	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.04	0.02	0.04	28.56	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-02RE Instrumnet Name : P8
 Client Sample ID : DC14723-38-FL2-CL202 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:20:54 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.62	20.65	7.68	14.99	44.30	ppb
Antimony	121-1	0.04	0.05	0.05	0.05	16.29	ppb
Arsenic	75-2	0.30	0.20	0.37	0.29	29.36	ppb
Barium	135-1	16.46	17.61	17.01	17.03	3.38	ppb
Barium	137-1	17.06	17.39	17.87	17.44	2.35	ppb
Beryllium	9-1	0.02	-0.02	0.00	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.02	6.63	5.07	5.91	13.34	ppb
Boron	11-1	4.83	5.20	4.92	4.98	3.85	ppb
Cadmium	111-1	-0.14	-0.09	-0.11	-0.12		ppb
Cadmium	106-1	-2.12	-1.38	-1.71	-1.74		ppb
Cadmium	108-1	0.11	0.02	0.07	0.06	70.12	ppb
Calcium	43-1	5443.57	5559.10	5568.94	5523.87	1.26	ppb
Calcium	44-1	5599.47	5701.70	5712.20	5671.12	1.10	ppb
Chromium	52-2	-0.09	-0.03	-0.12	-0.08		ppb
Cobalt	59-2	0.04	0.03	0.03	0.04	10.70	ppb
Copper	63-2	329.00	326.31	332.48	329.26	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	54.45	55.40	55.40	55.08	1.00	ppb
Iron	57-2	57.66	60.43	41.54	53.21	19.17	ppb
Lead	206-1	0.59	0.58	0.59	0.59	1.58	ppb
Lead	207-1	0.53	0.60	0.52	0.55	7.93	ppb
Lead	208-1	0.56	0.58	0.55	0.57	2.28	ppb
Lithium	6-1						%
Magnesium	24-2	1118.30	1143.77	1097.60	1119.89	2.07	ppb
Manganese	55-2	43.30	42.11	43.57	42.99	1.81	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-02RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-38-FL2-CL202	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:20:54	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.07	0.06	0.06	7.99	ppb
Molybdenum	95-1	0.02	0.02	0.03	0.02	32.40	ppb
Molybdenum	96-1	0.03	0.04	0.03	0.03	14.23	ppb
Molybdenum	97-1	0.03	0.03	0.05	0.04	30.87	ppb
Molybdenum	98-1	0.04	0.02	0.02	0.03	52.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.86	11.61	11.60	11.69	1.27	ppb
Phosphorus	31-2	436.08	489.65	430.59	452.11	7.22	ppb
Potassium	39-2	471.46	439.18	458.75	456.46	3.56	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	3.02	0.00	1.01	173.21	ppb
Selenium	78-2	-0.97	-0.45	-0.44	-0.62		ppb
Selenium	82-1	-0.52	-0.24	0.05	-0.24		ppb
Silicon	28-1	865.75	887.49	891.70	881.65	1.58	ppb
Silver	109-1	0.01	0.01	0.01	0.01	38.00	ppb
Silver	107-1	0.01	0.01	0.01	0.01	19.80	ppb
Sodium	23-2	9837.32	9850.24	9977.75	9888.44	0.78	ppb
Strontium	86-1	18.84	18.93	19.37	19.05	1.51	ppb
Strontium	88-1	18.82	19.18	19.07	19.03	0.97	ppb
Sulfur	34-1	-553.73	-261.38	-269.77	-361.63		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.00	0.01	61.47	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	49.56	ppb
Tin	118-1	0.06	0.06	0.02	0.05	41.88	ppb
Titanium	47-1	0.50	0.51	0.51	0.51	1.02	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	20.96	ppb
Vanadium	51-2	0.07	0.09	0.06	0.07	20.28	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	244.76	244.46	252.69	247.30	1.89	ppb
Zirconium	90-1	0.09	0.09	0.08	0.09	7.47	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-02RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-38-FL2-CL202	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:20:54	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.06	0.09	0.09	36.56	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-03RE Instrumnet Name : P8
 Client Sample ID : DC14723-39-FL2-CL202 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:24:03 DataFile Name : 042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.33	4.57	10.72	5.54	86.09	ppb
Antimony	121-1	0.06	0.04	0.05	0.05	17.96	ppb
Arsenic	75-2	0.33	0.34	0.21	0.29	24.49	ppb
Barium	135-1	14.84	15.22	14.86	14.98	1.44	ppb
Barium	137-1	15.12	15.65	15.04	15.27	2.18	ppb
Beryllium	9-1	0.02	-0.01	0.01	0.01	168.38	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.69	4.92	5.04	5.22	7.96	ppb
Boron	11-1	4.88	5.20	5.07	5.05	3.21	ppb
Cadmium	111-1	-0.13	-0.12	-0.16	-0.13		ppb
Cadmium	106-1	-1.84	-1.76	-2.18	-1.93		ppb
Cadmium	108-1	-0.03	-0.08	-0.03	-0.05		ppb
Calcium	43-1	5533.69	5519.08	5511.52	5521.43	0.20	ppb
Calcium	44-1	5646.85	5609.16	5641.59	5632.54	0.36	ppb
Chromium	52-2	-0.09	-0.15	-0.08	-0.11		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	157.50	ppb
Copper	63-2	228.46	233.12	233.18	231.59	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	28.77	31.42	29.50	29.90	4.58	ppb
Iron	57-2	29.77	31.29	25.31	28.79	10.80	ppb
Lead	206-1	0.28	0.24	0.22	0.25	11.60	ppb
Lead	207-1	0.19	0.26	0.25	0.23	15.68	ppb
Lead	208-1	0.24	0.25	0.24	0.24	2.84	ppb
Lithium	6-1						%
Magnesium	24-2	1064.87	1134.71	1143.33	1114.30	3.86	ppb
Manganese	55-2	15.91	16.77	14.83	15.84	6.13	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-03RE Instrumnet Name : P8
 Client Sample ID : DC14723-39-FL2-CL202 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:24:03 DataFile Name : 042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.03	0.04	0.03	12.49	ppb
Molybdenum	95-1	0.01	0.03	0.03	0.02	41.53	ppb
Molybdenum	96-1	0.02	0.02	0.01	0.02	35.33	ppb
Molybdenum	97-1	0.06	0.04	0.04	0.05	27.97	ppb
Molybdenum	98-1	0.03	0.02	0.02	0.02	30.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.69	0.79	0.64	0.70	10.92	ppb
Phosphorus	31-2	418.70	720.94	483.60	541.08	29.40	ppb
Potassium	39-2	485.72	449.07	456.18	463.66	4.19	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.57	-0.45	-0.96	-0.28		ppb
Selenium	82-1	0.03	0.08	1.28	0.46	152.48	ppb
Silicon	28-1	864.64	867.58	872.23	868.15	0.44	ppb
Silver	109-1	0.01	0.01	0.01	0.01	31.26	ppb
Silver	107-1	0.01	0.01	0.01	0.01	15.03	ppb
Sodium	23-2	9652.91	10004.84	9857.31	9838.35	1.80	ppb
Strontium	86-1	18.75	18.14	18.14	18.34	1.91	ppb
Strontium	88-1	18.85	18.76	18.68	18.76	0.46	ppb
Sulfur	34-1	-47.63	-239.33	-179.68	-155.54		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.00	0.00	100.63	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	194.34	ppb
Tin	118-1	-0.04	-0.06	-0.03	-0.04		ppb
Titanium	47-1	0.31	0.25	0.30	0.28	12.30	ppb
Uranium	238-1	0.00	0.01	0.01	0.00	67.72	ppb
Vanadium	51-2	0.02	0.03	0.05	0.03	54.15	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	12.57	12.74	12.17	12.49	2.35	ppb
Zirconium	90-1	0.05	0.04	0.04	0.04	6.62	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-03RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-39-FL2-CL202	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:24:03	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.02	0.06	0.04	47.18	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:27:12	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.54	-1.54	-0.46	-1.18		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	104.91	ppb
Arsenic	75-2	-0.02	0.02	-0.02	-0.01		ppb
Barium	135-1	-0.02	0.00	-0.02	-0.02		ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	-0.01	0.00	0.02	0.00	262.41	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.48	2.11	2.09	1.89	18.96	ppb
Boron	11-1	1.63	1.49	1.26	1.46	12.69	ppb
Cadmium	111-1	-0.10	-0.16	-0.17	-0.15		ppb
Cadmium	106-1	-1.45	-2.37	-2.40	-2.07		ppb
Cadmium	108-1	-0.05	-0.11	-0.05	-0.07		ppb
Calcium	43-1	-2.02	18.11	-3.03	4.35	273.93	ppb
Calcium	44-1	-1.28	1.78	-1.66	-0.39		ppb
Chromium	52-2	-0.21	-0.05	-0.14	-0.14		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.02	-0.03	-0.01	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.08	0.44	0.17	0.23	80.70	ppb
Iron	57-2	-0.43	1.72	-1.34	-0.02		ppb
Lead	206-1	503.44	510.13	497.83	503.80	1.22	ppb
Lead	207-1	510.72	502.95	505.44	506.37	0.78	ppb
Lead	208-1	504.92	504.84	499.94	503.23	0.57	ppb
Lithium	6-1						%
Magnesium	24-2	0.71	0.71	-0.19	0.41	127.53	ppb
Manganese	55-2	0.02	-0.01	-0.12	-0.03		ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:27:12	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00	223.51	ppb
Molybdenum	95-1	-0.02	-0.02	-0.01	-0.02		ppb
Molybdenum	96-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	97-1	0.01	0.02	0.03	0.02	69.91	ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.11	-0.04	-0.07		ppb
Phosphorus	31-2	2.27	-12.19	-12.19	-7.37		ppb
Potassium	39-2	-1.05	-7.53	-23.02	-10.53		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	9.40	3.13	173.21	ppb
Selenium	78-2	-0.40	-0.39	-1.48	-0.76		ppb
Selenium	82-1	-0.24	-0.68	-0.23	-0.38		ppb
Silicon	28-1	-14.15	-16.04	-18.63	-16.27		ppb
Silver	109-1	0.00	0.01	0.00	0.00	130.11	ppb
Silver	107-1	0.00	0.01	0.00	0.00	69.61	ppb
Sodium	23-2	19.41	16.65	20.45	18.84	10.43	ppb
Strontium	86-1	0.00	0.05	-0.05	0.00	8307.69	ppb
Strontium	88-1	0.01	0.02	0.02	0.02	11.96	ppb
Sulfur	34-1	-680.37	-628.20	-912.13	-740.23		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.00	0.01	74.72	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	36.59	ppb
Tin	118-1	-0.11	-0.11	-0.12	-0.12		ppb
Titanium	47-1	0.05	0.03	0.04	0.04	17.74	ppb
Uranium	238-1	-0.01	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.01	0.00	-0.01	0.00	1348.83	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.52	0.65	0.80	0.66	21.34	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	17.35	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:27:12	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.01	0.00	88.02	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : CCB42 Instrumnet Name : P8
 Client Sample ID : CCB42 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:30:19 DataFile Name : 044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.63	0.61	-0.48	-0.83		ppb
Antimony	121-1	0.00	0.01	0.00	0.00	116.25	ppb
Arsenic	75-2	0.01	-0.05	-0.03	-0.02		ppb
Barium	135-1	0.01	-0.02	-0.01	-0.01		ppb
Barium	137-1	0.00	0.00	-0.01	-0.01		ppb
Beryllium	9-1	-0.02	0.02	-0.01	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.08	0.87	0.86	0.93	13.55	ppb
Boron	11-1	0.97	1.00	0.51	0.82	33.38	ppb
Cadmium	111-1	-0.18	-0.14	-0.17	-0.16		ppb
Cadmium	106-1	-2.48	-1.94	-2.48	-2.30		ppb
Cadmium	108-1	-0.08	-0.03	-0.13	-0.08		ppb
Calcium	43-1	-3.92	5.81	-1.72	0.06	9025.40	ppb
Calcium	44-1	-15.79	-12.67	-9.39	-12.62		ppb
Chromium	52-2	-0.12	-0.16	-0.11	-0.13		ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	-0.07	-0.04	-0.09	-0.07		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.21	-0.14	0.13	0.06	281.52	ppb
Iron	57-2	2.00	-1.04	-1.05	-0.03		ppb
Lead	206-1	0.01	0.01	0.01	0.01	29.64	ppb
Lead	207-1	0.03	0.02	0.02	0.02	39.07	ppb
Lead	208-1	0.02	0.02	0.02	0.02	9.39	ppb
Lithium	6-1						%
Magnesium	24-2	2.27	0.70	0.69	1.22	74.57	ppb
Manganese	55-2	0.02	-0.02	0.00	0.00	3179.61	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:30:19	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	95-1	-0.02	-0.01	-0.02	-0.01		ppb
Molybdenum	96-1	-0.02	-0.01	-0.01	-0.02		ppb
Molybdenum	97-1	0.02	-0.01	-0.01	0.00	622.50	ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	0.04	-0.01	-0.01		ppb
Phosphorus	31-2	16.67	16.70	2.21	11.86	70.49	ppb
Potassium	39-2	-6.95	-22.49	-25.09	-18.18		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.20	-1.48	-0.40	-0.23		ppb
Selenium	82-1	0.41	-0.37	-0.10	-0.02		ppb
Silicon	28-1	-25.01	-24.44	-22.89	-24.12		ppb
Silver	109-1	0.00	0.00	0.00	0.00	27.91	ppb
Silver	107-1	0.00	0.00	0.00	0.00	14.79	ppb
Sodium	23-2	14.67	9.42	14.57	12.89	23.31	ppb
Strontium	86-1	-0.05	-0.05	0.00	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1217.87	-791.56	-868.04	-959.15		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	-0.01	0.01	0.00	332.76	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	201.87	ppb
Tin	118-1	0.10	0.09	0.10	0.10	3.06	ppb
Titanium	47-1	-0.05	-0.01	-0.02	-0.03		ppb
Uranium	238-1	-0.01	-0.01	0.00	-0.01		ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.08	0.02	0.11	0.01	635.24	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	104.20	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:30:19	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.01	0.01	53.32	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-04RE Instrumnet Name : P8
 Client Sample ID : DC14723-40-FL2-CL203 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:33:29 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.58	11.59	9.63	15.27	53.20	ppb
Antimony	121-1	0.04	0.05	0.06	0.05	12.33	ppb
Arsenic	75-2	0.27	0.29	0.21	0.26	16.13	ppb
Barium	135-1	16.23	15.74	15.62	15.87	2.05	ppb
Barium	137-1	16.18	16.09	15.70	15.99	1.58	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	20.01	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.58	4.36	4.82	4.59	5.01	ppb
Boron	11-1	4.41	4.74	4.95	4.70	5.79	ppb
Cadmium	111-1	-0.16	-0.14	-0.14	-0.15		ppb
Cadmium	106-1	-2.21	-2.10	-2.22	-2.18		ppb
Cadmium	108-1	0.09	-0.01	0.04	0.04	117.42	ppb
Calcium	43-1	5575.38	5518.56	5623.98	5572.64	0.95	ppb
Calcium	44-1	5690.26	5662.10	5717.08	5689.81	0.48	ppb
Chromium	52-2	-0.08	-0.17	0.02	-0.08		ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	7.89	ppb
Copper	63-2	230.47	232.07	234.83	232.45	0.95	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	33.47	33.13	33.24	33.28	0.53	ppb
Iron	57-2	34.70	32.49	39.10	35.43	9.50	ppb
Lead	206-1	0.30	0.23	0.27	0.26	12.85	ppb
Lead	207-1	0.26	0.25	0.27	0.26	3.93	ppb
Lead	208-1	0.27	0.26	0.27	0.27	1.25	ppb
Lithium	6-1						%
Magnesium	24-2	1107.41	1095.72	1136.02	1113.05	1.86	ppb
Manganese	55-2	24.49	23.63	24.28	24.13	1.87	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-04RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-40-FL2-CL203	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:33:29	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.02	0.03	0.03	54.50	ppb
Molybdenum	95-1	0.03	0.06	0.02	0.04	58.92	ppb
Molybdenum	96-1	0.02	0.03	0.02	0.02	28.23	ppb
Molybdenum	97-1	0.08	0.04	0.04	0.05	43.33	ppb
Molybdenum	98-1	0.03	0.01	0.03	0.03	43.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.71	17.29	17.22	17.07	1.86	ppb
Phosphorus	31-2	797.56	492.05	440.32	576.64	33.48	ppb
Potassium	39-2	418.37	464.55	504.62	462.51	9.33	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	3.00	1.00	173.21	ppb
Selenium	78-2	-0.46	-0.44	-1.48	-0.79		ppb
Selenium	82-1	0.27	0.35	-0.06	0.19	117.14	ppb
Silicon	28-1	890.28	889.94	865.69	881.97	1.60	ppb
Silver	109-1	0.01	0.01	0.02	0.01	35.50	ppb
Silver	107-1	0.01	0.01	0.01	0.01	31.55	ppb
Sodium	23-2	9822.24	9830.55	9852.37	9835.05	0.16	ppb
Strontium	86-1	18.21	18.57	18.57	18.45	1.14	ppb
Strontium	88-1	18.73	18.84	19.13	18.90	1.09	ppb
Sulfur	34-1	-184.50	-103.19	-65.74	-117.81		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	18.24	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	266.09	ppb
Tin	118-1	-0.08	-0.07	-0.10	-0.09		ppb
Titanium	47-1	0.47	0.41	0.46	0.45	7.06	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	29.53	ppb
Vanadium	51-2	0.04	0.06	0.08	0.06	35.76	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	222.38	219.76	222.87	221.67	0.75	ppb
Zirconium	90-1	0.05	0.04	0.05	0.05	10.59	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-04RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-40-FL2-CL203	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:33:29	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.03	0.05	0.04	24.71	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-05 Instrumnet Name : P8
 Client Sample ID : DC14723-41-FL2-CL203 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:36:38 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.54	5.39	8.33	5.75	41.91	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	7.66	ppb
Arsenic	75-2	0.30	0.22	0.32	0.28	18.49	ppb
Barium	135-1	15.70	14.81	15.23	15.25	2.94	ppb
Barium	137-1	15.43	15.28	15.07	15.26	1.17	ppb
Beryllium	9-1	-0.02	-0.01	-0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.46	5.36	3.57	4.13	25.90	ppb
Boron	11-1	5.06	4.27	4.56	4.63	8.65	ppb
Cadmium	111-1	-0.14	-0.13	-0.21	-0.16		ppb
Cadmium	106-1	-1.92	-2.06	-2.93	-2.30		ppb
Cadmium	108-1	-0.01	-0.08	-0.01	-0.03		ppb
Calcium	43-1	5788.51	5384.84	5477.93	5550.43	3.81	ppb
Calcium	44-1	5848.76	5541.39	5603.43	5664.52	2.87	ppb
Chromium	52-2	-0.14	-0.16	0.04	-0.08		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	261.69	ppb
Copper	63-2	192.79	190.67	205.63	196.37	4.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24.38	23.39	25.21	24.33	3.74	ppb
Iron	57-2	24.59	26.74	24.04	25.13	5.68	ppb
Lead	206-1	0.12	0.11	0.09	0.11	12.56	ppb
Lead	207-1	0.11	0.10	0.11	0.11	7.95	ppb
Lead	208-1	0.12	0.10	0.11	0.11	9.61	ppb
Lithium	6-1						%
Magnesium	24-2	1130.20	1106.24	1200.17	1145.54	4.26	ppb
Manganese	55-2	16.81	16.54	17.54	16.96	3.05	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-05	Instrumnet Name :	P8
Client Sample ID :	DC14723-41-FL2-CL203	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:36:38	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.04	0.03	0.04	10.86	ppb
Molybdenum	95-1	0.02	0.02	0.03	0.02	30.31	ppb
Molybdenum	96-1	0.02	0.03	0.04	0.03	29.89	ppb
Molybdenum	97-1	0.03	0.03	0.04	0.03	23.02	ppb
Molybdenum	98-1	0.04	0.02	0.04	0.04	32.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.55	0.58	0.70	0.61	13.39	ppb
Phosphorus	31-2	486.29	501.18	645.68	544.38	16.17	ppb
Potassium	39-2	492.88	451.88	500.34	481.70	5.42	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.96	1.62	1.82	0.83	187.48	ppb
Selenium	82-1	-0.28	-0.11	0.22	-0.06		ppb
Silicon	28-1	902.32	858.11	858.78	873.07	2.90	ppb
Silver	109-1	0.01	0.01	0.00	0.00	71.24	ppb
Silver	107-1	0.00	0.00	0.00	0.00	30.99	ppb
Sodium	23-2	10036.88	9810.50	10515.55	10120.98	3.56	ppb
Strontium	86-1	19.16	18.29	18.34	18.60	2.62	ppb
Strontium	88-1	19.00	18.67	18.79	18.82	0.90	ppb
Sulfur	34-1	159.09	-393.43	-244.61	-159.65		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.01	0.00	142.63	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.08	-0.15	-0.15	-0.13		ppb
Titanium	47-1	0.40	0.25	0.36	0.34	22.93	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	24.89	ppb
Vanadium	51-2	0.05	0.06	0.02	0.04	42.01	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.46	10.99	10.44	10.63	2.90	ppb
Zirconium	90-1	0.05	0.06	0.09	0.07	31.58	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-05	Instrumnet Name :	P8
Client Sample ID :	DC14723-41-FL2-CL203	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:36:38	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.10	0.07	0.08	23.55	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-06RE Instrumnet Name : P8
 Client Sample ID : DC14723-42-FL2-CL211- Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:39:46 DataFile Name : 047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.63	9.13	13.83	10.20	31.74	ppb
Antimony	121-1	0.06	0.04	0.06	0.06	24.15	ppb
Arsenic	75-2	0.30	0.31	0.31	0.31	0.15	ppb
Barium	135-1	16.10	15.92	16.33	16.12	1.28	ppb
Barium	137-1	15.83	16.30	15.96	16.03	1.52	ppb
Beryllium	9-1	-0.02	-0.02	0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.08	5.07	4.39	4.85	8.11	ppb
Boron	11-1	4.09	4.77	4.47	4.44	7.73	ppb
Cadmium	111-1	-0.14	-0.03	-0.10	-0.09		ppb
Cadmium	106-1	-2.14	-0.60	-1.61	-1.45		ppb
Cadmium	108-1	0.11	0.02	0.07	0.06	75.70	ppb
Calcium	43-1	5480.39	5482.44	5496.70	5486.51	0.16	ppb
Calcium	44-1	5668.11	5627.83	5653.23	5649.72	0.36	ppb
Chromium	52-2	0.02	0.13	-0.08	0.03	406.71	ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	50.16	ppb
Copper	63-2	194.67	213.42	196.51	201.53	5.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	21.33	22.95	21.33	21.87	4.28	ppb
Iron	57-2	17.74	20.33	26.27	21.44	20.40	ppb
Lead	206-1	0.38	0.32	0.35	0.35	8.06	ppb
Lead	207-1	0.35	0.36	0.38	0.36	3.87	ppb
Lead	208-1	0.36	0.35	0.37	0.36	1.87	ppb
Lithium	6-1						%
Magnesium	24-2	1112.52	1227.98	1131.85	1157.45	5.34	ppb
Manganese	55-2	15.82	18.24	15.69	16.58	8.66	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-06RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-42-FL2-CL211-	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:39:46	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.03	0.01	0.02	46.70	ppb
Molybdenum	95-1	0.01	0.00	0.02	0.01	86.09	ppb
Molybdenum	96-1	0.00	0.01	0.02	0.01	102.70	ppb
Molybdenum	97-1	0.02	0.00	0.01	0.01	148.77	ppb
Molybdenum	98-1	0.02	0.02	0.03	0.03	28.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.64	1.43	1.40	1.49	8.80	ppb
Phosphorus	31-2	524.93	580.25	515.11	540.10	6.50	ppb
Potassium	39-2	458.98	508.63	441.81	469.80	7.39	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.43	-0.30	-1.48	-0.74		ppb
Selenium	82-1	-0.01	0.23	0.27	0.16	95.00	ppb
Silicon	28-1	869.68	875.82	876.43	873.98	0.43	ppb
Silver	109-1	0.00	0.00	0.01	0.01	35.97	ppb
Silver	107-1	0.00	0.01	0.01	0.01	6.89	ppb
Sodium	23-2	10013.22	10844.66	10127.41	10328.43	4.36	ppb
Strontium	86-1	19.07	18.38	18.76	18.74	1.86	ppb
Strontium	88-1	18.97	19.16	18.95	19.03	0.61	ppb
Sulfur	34-1	-297.44	-166.90	-252.16	-238.83		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.01	0.00	373.53	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	104.85	ppb
Tin	118-1	0.53	0.52	0.56	0.54	4.01	ppb
Titanium	47-1	0.35	0.31	0.28	0.31	11.21	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	30.19	ppb
Vanadium	51-2	0.07	0.08	0.07	0.07	7.39	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	273.04	307.44	275.16	285.21	6.76	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	20.26	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-06RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-42-FL2-CL211-	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:39:46	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.04	0.03	29.20	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-07RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-43-FL2-CL211-	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:42:56	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.66	1.76	3.67	4.03	61.28	ppb
Antimony	121-1	0.07	0.05	0.04	0.05	22.83	ppb
Arsenic	75-2	0.30	0.25	0.21	0.25	17.94	ppb
Barium	135-1	15.36	16.22	16.86	16.15	4.64	ppb
Barium	137-1	16.14	16.24	16.29	16.22	0.48	ppb
Beryllium	9-1	0.00	0.03	-0.03	0.00	2485.47	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.61	5.05	5.00	4.88	4.96	ppb
Boron	11-1	4.38	4.32	4.38	4.36	0.78	ppb
Cadmium	111-1	-0.10	-0.16	-0.18	-0.15		ppb
Cadmium	106-1	-1.52	-2.34	-2.48	-2.11		ppb
Cadmium	108-1	-0.03	-0.08	-0.01	-0.04		ppb
Calcium	43-1	5532.72	5429.52	5534.81	5499.02	1.09	ppb
Calcium	44-1	5782.74	5649.12	5730.53	5720.80	1.18	ppb
Chromium	52-2	-0.05	0.06	-0.07	-0.02		ppb
Cobalt	59-2	0.01	0.01	0.02	0.01	38.95	ppb
Copper	63-2	266.12	252.20	239.83	252.71	5.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	18.40	17.93	16.02	17.45	7.20	ppb
Iron	57-2	18.39	17.55	14.37	16.77	12.64	ppb
Lead	206-1	0.10	0.08	0.08	0.09	9.64	ppb
Lead	207-1	0.08	0.09	0.10	0.09	7.30	ppb
Lead	208-1	0.09	0.09	0.09	0.09	3.19	ppb
Lithium	6-1						%
Magnesium	24-2	1216.01	1153.05	1127.53	1165.53	3.91	ppb
Manganese	55-2	11.55	10.03	9.64	10.41	9.69	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-07RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-43-FL2-CL211-	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:42:56	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.03	0.02	8.74	ppb
Molybdenum	95-1	0.00	0.01	0.02	0.01	71.50	ppb
Molybdenum	96-1	0.02	0.01	0.02	0.02	27.40	ppb
Molybdenum	97-1	0.03	0.01	0.04	0.03	50.02	ppb
Molybdenum	98-1	0.03	0.02	0.04	0.03	23.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.43	0.35	0.36	0.38	12.05	ppb
Phosphorus	31-2	834.62	630.94	650.08	705.22	15.95	ppb
Potassium	39-2	519.36	475.40	475.92	490.23	5.15	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.90	-0.41	-0.41	-0.57		ppb
Selenium	82-1	-0.17	0.35	0.38	0.19	164.58	ppb
Silicon	28-1	896.17	850.52	890.39	879.03	2.83	ppb
Silver	109-1	0.00	0.01	0.01	0.01	53.04	ppb
Silver	107-1	0.00	0.01	0.01	0.01	64.55	ppb
Sodium	23-2	11074.50	10371.77	9994.32	10480.20	5.23	ppb
Strontium	86-1	18.69	18.64	19.03	18.78	1.14	ppb
Strontium	88-1	19.13	18.99	19.14	19.09	0.44	ppb
Sulfur	34-1	-71.85	-356.72	-123.64	-184.07		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.01	0.00	0.01	0.01	51.32	ppb
Tin	118-1	-0.03	-0.02	-0.05	-0.03		ppb
Titanium	47-1	0.24	0.24	0.26	0.25	5.95	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	21.35	ppb
Vanadium	51-2	0.05	0.06	0.05	0.05	15.95	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	21.96	19.66	20.16	20.59	5.88	ppb
Zirconium	90-1	0.04	0.02	0.03	0.03	26.09	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-07RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-43-FL2-CL211-	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:42:56	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.02	0.02	13.21	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-08RE Instrumnet Name : P8
 Client Sample ID : DC14723-44-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:46:04 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100.85	114.96	103.43	106.41	7.06	ppb
Antimony	121-1	0.07	0.08	0.06	0.07	19.91	ppb
Arsenic	75-2	0.34	0.31	0.24	0.30	16.13	ppb
Barium	135-1	15.85	15.80	16.33	15.99	1.82	ppb
Barium	137-1	15.86	15.83	15.97	15.89	0.46	ppb
Beryllium	9-1	0.00	0.01	-0.02	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.62	5.95	5.75	5.77	2.84	ppb
Boron	11-1	5.29	5.29	5.65	5.41	3.80	ppb
Cadmium	111-1	-0.12	-0.07	-0.14	-0.11		ppb
Cadmium	106-1	-1.70	-1.27	-2.07	-1.68		ppb
Cadmium	108-1	0.09	0.02	0.04	0.05	76.95	ppb
Calcium	43-1	5492.46	5520.12	5534.22	5515.60	0.39	ppb
Calcium	44-1	5692.90	5649.98	5734.41	5692.43	0.74	ppb
Chromium	52-2	-0.07	-0.08	-0.21	-0.12		ppb
Cobalt	59-2	0.07	0.09	0.07	0.08	15.06	ppb
Copper	63-2	124.04	122.74	122.00	122.93	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	21.59	20.64	21.07	21.10	2.26	ppb
Iron	57-2	18.58	25.27	19.40	21.08	17.31	ppb
Lead	206-1	1.36	1.26	1.41	1.34	5.56	ppb
Lead	207-1	1.24	1.25	1.24	1.24	0.13	ppb
Lead	208-1	1.32	1.25	1.33	1.30	3.27	ppb
Lithium	6-1						%
Magnesium	24-2	1096.37	1120.63	1108.21	1108.41	1.09	ppb
Manganese	55-2	13.57	14.22	13.01	13.60	4.43	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-08RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-44-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:46:04	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.05	0.03	0.04	29.36	ppb
Molybdenum	95-1	0.00	0.03	0.03	0.02	86.26	ppb
Molybdenum	96-1	0.04	0.03	0.03	0.03	17.51	ppb
Molybdenum	97-1	0.02	0.04	0.06	0.04	39.37	ppb
Molybdenum	98-1	0.03	0.01	0.03	0.03	39.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.75	1.55	1.63	1.64	5.97	ppb
Phosphorus	31-2	467.55	619.14	599.26	561.98	14.66	ppb
Potassium	39-2	457.11	462.11	460.02	459.75	0.55	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.65	-0.95	-1.48	-0.59		ppb
Selenium	82-1	0.45	-0.76	0.80	0.16	506.19	ppb
Silicon	28-1	900.49	899.39	891.90	897.26	0.52	ppb
Silver	109-1	0.01	0.01	0.02	0.01	31.29	ppb
Silver	107-1	0.01	0.01	0.01	0.01	30.87	ppb
Sodium	23-2	10005.04	9974.05	9814.82	9931.30	1.03	ppb
Strontium	86-1	18.46	18.45	18.07	18.33	1.21	ppb
Strontium	88-1	19.11	18.79	18.86	18.92	0.88	ppb
Sulfur	34-1	-60.81	-351.27	-81.94	-164.67		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.01	0.01	43.46	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	68.76	ppb
Tin	118-1	0.79	0.75	0.71	0.75	5.52	ppb
Titanium	47-1	0.36	0.34	0.35	0.35	2.53	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	9.70	ppb
Vanadium	51-2	0.03	0.05	0.06	0.05	33.61	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	205.22	206.13	206.29	205.88	0.28	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	12.59	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-08RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-44-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:46:04	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.05	0.04	0.04	44.99	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-09RE Instrumnet Name : P8
 Client Sample ID : DC14723-45-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:49:14 DataFile Name : 050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.67	6.73	3.84	9.75	80.70	ppb
Antimony	121-1	0.05	0.05	0.04	0.04	9.43	ppb
Arsenic	75-2	0.27	0.23	0.20	0.23	14.46	ppb
Barium	135-1	15.88	15.27	16.13	15.76	2.82	ppb
Barium	137-1	15.71	15.64	16.13	15.83	1.68	ppb
Beryllium	9-1	0.01	0.00	-0.03	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.35	3.57	4.41	4.44	20.11	ppb
Boron	11-1	4.00	4.65	4.87	4.50	10.11	ppb
Cadmium	111-1	-0.17	-0.09	-0.05	-0.10		ppb
Cadmium	106-1	-2.53	-1.29	-0.74	-1.52		ppb
Cadmium	108-1	-0.01	-0.11	-0.08	-0.07		ppb
Calcium	43-1	5582.09	5468.88	5752.25	5601.07	2.55	ppb
Calcium	44-1	5728.32	5772.21	6017.41	5839.31	2.67	ppb
Chromium	52-2	-0.06	-0.10	-0.08	-0.08		ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	114.23	ppb
Copper	63-2	134.79	132.47	135.76	134.34	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	19.35	21.77	18.59	19.90	8.33	ppb
Iron	57-2	13.97	19.19	21.49	18.22	21.17	ppb
Lead	206-1	0.13	0.15	0.19	0.16	18.96	ppb
Lead	207-1	0.14	0.13	0.15	0.14	7.39	ppb
Lead	208-1	0.14	0.14	0.17	0.15	10.56	ppb
Lithium	6-1						%
Magnesium	24-2	1161.17	1129.81	1173.95	1154.98	1.97	ppb
Manganese	55-2	10.51	11.62	11.00	11.04	5.04	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-09RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-45-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:49:14	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.01	0.02	0.02	50.52	ppb
Molybdenum	95-1	0.04	0.02	0.02	0.02	50.78	ppb
Molybdenum	96-1	0.00	0.02	0.05	0.02	114.11	ppb
Molybdenum	97-1	0.00	0.02	0.02	0.01	78.30	ppb
Molybdenum	98-1	0.02	0.03	0.03	0.03	29.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.31	0.35	0.20	0.29	25.81	ppb
Phosphorus	31-2	656.98	573.39	592.81	607.73	7.20	ppb
Potassium	39-2	468.89	450.79	469.77	463.15	2.31	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	3.08	1.03	173.21	ppb
Selenium	78-2	-0.42	-0.42	-0.95	-0.60		ppb
Selenium	82-1	0.77	0.40	0.66	0.61	30.69	ppb
Silicon	28-1	882.49	871.10	923.05	892.21	3.06	ppb
Silver	109-1	0.01	0.01	0.01	0.01	24.79	ppb
Silver	107-1	0.01	0.01	0.01	0.01	50.91	ppb
Sodium	23-2	10343.46	10148.91	10368.06	10286.81	1.17	ppb
Strontium	86-1	18.41	18.39	19.03	18.61	1.96	ppb
Strontium	88-1	18.79	19.04	19.44	19.09	1.73	ppb
Sulfur	34-1	-156.44	-325.83	341.47	-46.93		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.01	0.00	119.87	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.16	-0.18	-0.17	-0.17		ppb
Titanium	47-1	1.01	0.35	0.28	0.55	73.17	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	34.35	ppb
Vanadium	51-2	0.10	0.03	0.06	0.06	54.80	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.54	10.75	11.03	11.11	3.59	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	21.51	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-09RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-45-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:49:14	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.02	0.02	24.97	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-10RE Instrumnet Name : P8
 Client Sample ID : DC14723-46-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:52:23 DataFile Name : 051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.04	15.82	10.98	11.61	33.84	ppb
Antimony	121-1	0.06	0.06	0.08	0.07	14.53	ppb
Arsenic	75-2	0.36	0.23	0.27	0.29	23.34	ppb
Barium	135-1	16.23	16.57	17.38	16.73	3.54	ppb
Barium	137-1	16.60	16.22	17.22	16.68	3.04	ppb
Beryllium	9-1	0.00	-0.02	0.02	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.31	3.89	4.03	3.74	10.25	ppb
Boron	11-1	4.39	4.98	4.99	4.78	7.17	ppb
Cadmium	111-1	-0.16	-0.09	-0.19	-0.15		ppb
Cadmium	106-1	-2.23	-1.57	-2.60	-2.13		ppb
Cadmium	108-1	0.09	0.04	0.18	0.10	68.19	ppb
Calcium	43-1	5445.27	5444.80	5664.93	5518.33	2.30	ppb
Calcium	44-1	5639.35	5637.67	5822.13	5699.72	1.86	ppb
Chromium	52-2	-0.08	-0.12	-0.10	-0.10		ppb
Cobalt	59-2	0.02	0.02	0.01	0.02	57.15	ppb
Copper	63-2	190.40	181.75	184.88	185.68	2.36	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	41.07	40.14	41.81	41.00	2.03	ppb
Iron	57-2	36.05	39.75	41.84	39.22	7.47	ppb
Lead	206-1	1.37	1.47	1.45	1.43	3.45	ppb
Lead	207-1	1.25	1.22	1.30	1.25	3.23	ppb
Lead	208-1	1.29	1.37	1.37	1.34	3.33	ppb
Lithium	6-1						%
Magnesium	24-2	1196.99	1110.58	1155.62	1154.40	3.74	ppb
Manganese	55-2	26.82	26.09	27.46	26.79	2.56	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-10RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-46-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:52:23	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.03	0.03	0.03	22.94	ppb
Molybdenum	95-1	0.03	0.02	0.05	0.03	52.09	ppb
Molybdenum	96-1	0.01	0.02	0.03	0.02	70.98	ppb
Molybdenum	97-1	0.05	0.02	0.04	0.03	43.69	ppb
Molybdenum	98-1	0.03	0.04	0.03	0.03	12.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.14	1.33	1.18	10.77	ppb
Phosphorus	31-2	630.14	647.09	520.37	599.20	11.48	ppb
Potassium	39-2	476.30	455.55	475.65	469.17	2.51	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.43	-0.42	-0.42	-0.42		ppb
Selenium	82-1	-0.48	0.23	0.60	0.11	480.25	ppb
Silicon	28-1	870.95	870.34	900.22	880.50	1.94	ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.18	ppb
Silver	107-1	0.01	0.01	0.01	0.01	17.79	ppb
Sodium	23-2	10329.59	9806.16	10132.90	10089.55	2.62	ppb
Strontium	86-1	18.76	18.85	19.56	19.06	2.28	ppb
Strontium	88-1	19.18	18.96	19.82	19.32	2.31	ppb
Sulfur	34-1	-272.07	-236.18	189.78	-106.15		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.02	0.01	0.01	108.27	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	195.17	ppb
Tin	118-1	0.49	0.51	0.44	0.48	7.50	ppb
Titanium	47-1	0.57	0.60	0.71	0.62	11.85	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	31.35	ppb
Vanadium	51-2	0.06	0.06	0.05	0.06	12.35	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	152.51	145.27	146.33	148.04	2.64	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	5.62	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-10RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-46-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:52:23	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.03	0.02	19.06	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-11RE Instrumnet Name : P8
 Client Sample ID : DC14723-47-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:55:31 DataFile Name : 052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.65	12.22	20.49	13.12	53.10	ppb
Antimony	121-1	0.06	0.06	0.04	0.05	15.82	ppb
Arsenic	75-2	0.21	0.27	0.28	0.25	14.26	ppb
Barium	135-1	15.46	17.05	15.58	16.03	5.54	ppb
Barium	137-1	15.65	17.39	15.68	16.24	6.11	ppb
Beryllium	9-1	-0.01	0.01	0.00	0.00	678.06	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.42	3.91	4.36	4.23	6.55	ppb
Boron	11-1	4.69	5.16	3.87	4.57	14.23	ppb
Cadmium	111-1	-0.21	-0.06	-0.06	-0.11		ppb
Cadmium	106-1	-3.10	-0.85	-0.93	-1.63		ppb
Cadmium	108-1	-0.11	-0.03	-0.06	-0.06		ppb
Calcium	43-1	5568.51	5934.60	5380.44	5627.85	5.01	ppb
Calcium	44-1	5667.99	6065.87	5606.26	5780.04	4.32	ppb
Chromium	52-2	-0.13	-0.15	-0.13	-0.13		ppb
Cobalt	59-2	0.01	-0.01	0.01	0.00	257.96	ppb
Copper	63-2	96.22	98.33	96.84	97.13	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	23.79	25.44	28.61	25.95	9.44	ppb
Iron	57-2	23.11	22.00	23.55	22.89	3.49	ppb
Lead	206-1	0.15	0.16	0.14	0.15	4.61	ppb
Lead	207-1	0.15	0.16	0.16	0.16	2.36	ppb
Lead	208-1	0.15	0.17	0.16	0.16	5.52	ppb
Lithium	6-1						%
Magnesium	24-2	1121.39	1135.76	1117.84	1125.00	0.84	ppb
Manganese	55-2	13.99	13.79	13.88	13.89	0.72	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-11RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-47-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:55:31	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.03	0.03	0.03	8.39	ppb
Molybdenum	95-1	0.02	0.05	0.01	0.02	86.88	ppb
Molybdenum	96-1	0.01	0.02	0.03	0.02	50.82	ppb
Molybdenum	97-1	0.03	0.03	0.03	0.03	13.46	ppb
Molybdenum	98-1	0.03	0.02	0.04	0.03	31.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.43	0.54	0.42	0.46	15.04	ppb
Phosphorus	31-2	665.94	796.35	704.77	722.35	9.27	ppb
Potassium	39-2	491.15	459.34	482.27	477.58	3.44	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.44	1.66	-1.48	-0.09		ppb
Selenium	82-1	0.28	-0.39	-0.19	-0.10		ppb
Silicon	28-1	869.67	954.03	878.32	900.67	5.15	ppb
Silver	109-1	0.00	0.01	0.01	0.01	34.01	ppb
Silver	107-1	0.01	0.01	0.01	0.01	14.86	ppb
Sodium	23-2	9965.38	10153.23	10183.43	10100.68	1.17	ppb
Strontium	86-1	18.66	19.92	18.39	18.99	4.29	ppb
Strontium	88-1	19.02	20.51	18.79	19.44	4.79	ppb
Sulfur	34-1	2.47	530.25	-418.25	38.16	1245.54	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.00	0.01	111.26	ppb
Thallium	205-1	0.00	0.01	0.01	0.00	33.00	ppb
Tin	118-1	-0.02	-0.05	-0.07	-0.05		ppb
Titanium	47-1	0.36	0.22	0.28	0.29	23.53	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	48.41	ppb
Vanadium	51-2	0.07	0.04	0.06	0.06	20.76	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	20.25	20.31	20.91	20.49	1.76	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	10.42	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-11RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-47-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:55:31	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.02	0.02	14.14	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-12RE Instrumnet Name : P8
 Client Sample ID : DC14723-48-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:58:41 DataFile Name : 053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.43	0.52	11.81	7.92	80.90	ppb
Antimony	121-1	0.04	0.07	0.05	0.05	22.51	ppb
Arsenic	75-2	0.33	0.30	0.34	0.32	6.81	ppb
Barium	135-1	15.42	15.55	16.38	15.78	3.28	ppb
Barium	137-1	15.61	15.63	16.20	15.81	2.10	ppb
Beryllium	9-1	0.01	-0.04	-0.01	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.20	3.89	4.91	4.34	12.06	ppb
Boron	11-1	4.41	4.28	4.98	4.56	8.20	ppb
Cadmium	111-1	-0.12	-0.13	-0.11	-0.12		ppb
Cadmium	106-1	-1.75	-1.93	-1.57	-1.75		ppb
Cadmium	108-1	0.02	0.01	0.02	0.02	13.58	ppb
Calcium	43-1	5599.62	5553.36	5632.35	5595.11	0.71	ppb
Calcium	44-1	5683.05	5695.59	5821.22	5733.29	1.33	ppb
Chromium	52-2	0.04	-0.06	-0.19	-0.07		ppb
Cobalt	59-2	0.02	0.02	0.01	0.02	47.17	ppb
Copper	63-2	101.46	98.78	97.80	99.35	1.91	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	29.75	27.98	29.80	29.18	3.55	ppb
Iron	57-2	28.91	31.80	28.34	29.69	6.25	ppb
Lead	206-1	0.44	0.40	0.41	0.42	5.15	ppb
Lead	207-1	0.41	0.36	0.36	0.37	8.17	ppb
Lead	208-1	0.42	0.37	0.40	0.40	6.96	ppb
Lithium	6-1						%
Magnesium	24-2	1126.13	1099.68	1120.53	1115.45	1.25	ppb
Manganese	55-2	20.75	20.38	20.23	20.46	1.30	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-12RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-48-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:58:41	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.01	0.01	40.94	ppb
Molybdenum	95-1	0.03	0.02	0.04	0.03	39.89	ppb
Molybdenum	96-1	0.02	0.01	0.03	0.02	40.41	ppb
Molybdenum	97-1	0.03	0.02	0.05	0.03	32.51	ppb
Molybdenum	98-1	0.02	0.03	0.03	0.03	14.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.58	3.45	3.50	3.51	1.82	ppb
Phosphorus	31-2	609.20	581.97	568.39	586.52	3.54	ppb
Potassium	39-2	483.88	486.00	482.67	484.18	0.35	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.14	-0.41	-0.96	-0.41		ppb
Selenium	82-1	-0.40	0.49	0.07	0.05	835.17	ppb
Silicon	28-1	914.90	927.18	942.01	928.03	1.46	ppb
Silver	109-1	0.01	0.01	0.01	0.01	20.52	ppb
Silver	107-1	0.01	0.01	0.01	0.01	23.70	ppb
Sodium	23-2	10187.31	9946.95	9788.62	9974.29	2.01	ppb
Strontium	86-1	18.44	18.80	18.65	18.63	0.96	ppb
Strontium	88-1	18.95	18.94	19.26	19.05	0.98	ppb
Sulfur	34-1	-129.43	-31.96	217.51	18.70	956.66	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.01	0.01	46.62	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	93.95	ppb
Tin	118-1	-0.12	-0.15	-0.14	-0.14		ppb
Titanium	47-1	0.35	0.38	0.32	0.35	7.98	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	21.84	ppb
Vanadium	51-2	0.06	0.03	0.08	0.06	37.41	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	128.23	123.64	124.54	125.47	1.94	ppb
Zirconium	90-1	0.02	0.02	0.03	0.03	18.07	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-12RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-48-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:58:41	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.06	0.03	122.44	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-13RE Instrumnet Name : P8
 Client Sample ID : DC14723-49-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 15:01:50 DataFile Name : 054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.08	17.33	11.89	13.77	22.40	ppb
Antimony	121-1	0.05	0.05	0.04	0.05	18.94	ppb
Arsenic	75-2	0.28	0.33	0.17	0.26	30.76	ppb
Barium	135-1	15.85	15.49	16.07	15.80	1.83	ppb
Barium	137-1	15.98	16.14	16.08	16.07	0.51	ppb
Beryllium	9-1	-0.02	0.00	0.00	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.13	3.62	5.18	4.31	18.50	ppb
Boron	11-1	4.69	4.30	4.59	4.53	4.47	ppb
Cadmium	111-1	-0.11	-0.07	-0.09	-0.09		ppb
Cadmium	106-1	-1.48	-1.15	-1.34	-1.32		ppb
Cadmium	108-1	-0.03	-0.11	-0.03	-0.06		ppb
Calcium	43-1	5563.55	5482.74	5368.54	5471.61	1.79	ppb
Calcium	44-1	5752.50	5506.90	5571.49	5610.29	2.27	ppb
Chromium	52-2	-0.03	-0.16	-0.15	-0.11		ppb
Cobalt	59-2	0.01	0.01	0.02	0.02	23.00	ppb
Copper	63-2	93.95	92.84	92.80	93.20	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25.82	28.02	25.93	26.59	4.67	ppb
Iron	57-2	19.10	27.99	27.34	24.81	19.97	ppb
Lead	206-1	0.11	0.11	0.12	0.12	4.96	ppb
Lead	207-1	0.11	0.11	0.10	0.11	7.23	ppb
Lead	208-1	0.10	0.11	0.11	0.11	3.44	ppb
Lithium	6-1						%
Magnesium	24-2	1116.75	1149.50	1121.61	1129.28	1.56	ppb
Manganese	55-2	16.35	16.22	17.03	16.53	2.63	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-13RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-49-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:01:50	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.03	0.01	0.02	27.61	ppb
Molybdenum	95-1	0.02	0.02	0.03	0.02	25.06	ppb
Molybdenum	96-1	0.02	0.00	0.03	0.02	82.59	ppb
Molybdenum	97-1	0.01	0.04	0.02	0.02	57.50	ppb
Molybdenum	98-1	0.02	0.03	0.02	0.03	13.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	0.98	1.06	1.01	4.24	ppb
Phosphorus	31-2	620.79	620.15	779.84	673.59	13.66	ppb
Potassium	39-2	474.45	469.88	490.27	478.20	2.24	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	3.01	1.00	173.21	ppb
Selenium	78-2	0.60	-0.44	0.07	0.08	685.87	ppb
Selenium	82-1	-0.54	0.87	-0.49	-0.06		ppb
Silicon	28-1	897.84	871.91	882.08	883.94	1.48	ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.55	ppb
Silver	107-1	0.01	0.01	0.01	0.01	3.86	ppb
Sodium	23-2	10129.81	10049.62	9989.20	10056.21	0.70	ppb
Strontium	86-1	18.96	18.64	18.81	18.80	0.86	ppb
Strontium	88-1	19.30	19.08	19.01	19.13	0.78	ppb
Sulfur	34-1	-92.22	-294.01	-337.64	-241.29		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	23.77	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	87.20	ppb
Tin	118-1	-0.14	-0.15	-0.17	-0.15		ppb
Titanium	47-1	0.34	0.31	0.38	0.34	11.11	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	13.30	ppb
Vanadium	51-2	0.06	0.05	0.05	0.05	11.72	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	16.81	16.98	16.78	16.86	0.62	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	21.39	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-13RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-49-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:01:50	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.02	0.03	24.50	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:05:00	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.24	-0.28	-2.58	-1.03		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	31.19	ppb
Arsenic	75-2	0.01	0.00	0.01	0.01	124.93	ppb
Barium	135-1	0.01	0.00	-0.01	0.00		ppb
Barium	137-1	0.02	0.02	0.02	0.02	5.03	ppb
Beryllium	9-1	-0.01	0.02	-0.03	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.50	1.60	1.22	1.11	50.64	ppb
Boron	11-1	1.23	1.47	0.92	1.21	22.78	ppb
Cadmium	111-1	-0.18	-0.08	-0.18	-0.15		ppb
Cadmium	106-1	-2.52	-1.30	-2.44	-2.08		ppb
Cadmium	108-1	-0.05	-0.10	-0.11	-0.09		ppb
Calcium	43-1	-6.96	10.80	1.61	1.82	487.97	ppb
Calcium	44-1	-8.64	1.30	-6.46	-4.60		ppb
Chromium	52-2	-0.06	-0.06	-0.08	-0.07		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	14.74	ppb
Copper	63-2	-0.02	-0.05	-0.06	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.50	0.53	0.16	0.40	51.31	ppb
Iron	57-2	0.17	2.38	0.73	1.09	104.82	ppb
Lead	206-1	494.00	530.00	492.50	505.50	4.20	ppb
Lead	207-1	503.25	535.91	496.02	511.73	4.15	ppb
Lead	208-1	497.52	534.04	496.45	509.34	4.20	ppb
Lithium	6-1						%
Magnesium	24-2	1.77	-0.92	-1.18	-0.11		ppb
Manganese	55-2	-0.01	-0.08	-0.06	-0.05		ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:05:00	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	95-1	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	96-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	0.00	0.01	-0.01	0.00		ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.02	0.04	0.02	154.37	ppb
Phosphorus	31-2	49.62	18.35	18.14	28.70	63.11	ppb
Potassium	39-2	-4.25	-2.36	-4.58	-3.73		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	3.30	1.10	173.21	ppb
Selenium	78-2	-1.48	1.40	-0.91	-0.33		ppb
Selenium	82-1	-0.31	0.32	-0.01	0.00	22024.17	ppb
Silicon	28-1	-15.54	-10.36	-15.15	-13.68		ppb
Silver	109-1	0.00	0.01	0.00	0.00	72.72	ppb
Silver	107-1	0.00	0.01	0.01	0.00	25.15	ppb
Sodium	23-2	17.01	16.93	13.18	15.71	13.96	ppb
Strontium	86-1	-0.05	0.00	0.02	-0.01		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	26.67	ppb
Sulfur	34-1	-830.13	-102.20	-670.75	-534.36		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	31.81	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	23.26	ppb
Tin	118-1	-0.13	-0.11	-0.12	-0.12		ppb
Titanium	47-1	0.05	0.03	0.05	0.05	26.29	ppb
Uranium	238-1	-0.01	0.00	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	0.00	-0.01	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.18	0.31	0.25	0.25	26.71	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	85.43	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:05:00	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.01	0.00	16.29	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:08:08	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.71	3.88	-0.11	0.02	19119.58	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	33.10	ppb
Arsenic	75-2	-0.01	-0.02	-0.05	-0.02		ppb
Barium	135-1	0.01	-0.02	-0.04	-0.01		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.00	-0.02	0.00	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.52	-0.38	0.68	0.28	207.02	ppb
Boron	11-1	0.28	0.31	0.33	0.31	8.88	ppb
Cadmium	111-1	-0.08	-0.13	-0.10	-0.10		ppb
Cadmium	106-1	-0.94	-1.74	-1.27	-1.31		ppb
Cadmium	108-1	0.02	-0.08	0.03	-0.01		ppb
Calcium	43-1	-0.93	1.83	4.46	1.79	150.85	ppb
Calcium	44-1	-14.44	-14.42	-11.84	-13.57		ppb
Chromium	52-2	-0.18	-0.03	0.01	-0.07		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	482.68	ppb
Copper	63-2	-0.08	-0.06	-0.02	-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	0.37	0.05	0.61	0.34	80.69	ppb
Iron	57-2	-1.05	-0.12	0.69	-0.16		ppb
Lead	206-1	0.00	0.02	0.02	0.01	83.85	ppb
Lead	207-1	0.03	0.00	0.03	0.02	98.87	ppb
Lead	208-1	0.01	0.01	0.02	0.02	39.37	ppb
Lithium	6-1						%
Magnesium	24-2	0.70	1.17	2.76	1.54	70.04	ppb
Manganese	55-2	0.03	0.00	-0.04	0.00		ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:08:08	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	95-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	96-1	-0.02	-0.02	-0.01	-0.01		ppb
Molybdenum	97-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	98-1	0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	-0.01	0.00		ppb
Phosphorus	31-2	-12.19	-12.19	19.91	-1.49		ppb
Potassium	39-2	-20.78	-8.21	10.09	-6.30		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.16	3.17	0.00	2.11	86.60	ppb
Selenium	78-2	-1.48	0.70	-0.25	-0.34		ppb
Selenium	82-1	-0.49	-0.01	0.15	-0.11		ppb
Silicon	28-1	-26.71	-24.08	-23.50	-24.77		ppb
Silver	109-1	0.00	0.00	0.00	0.00	33.90	ppb
Silver	107-1	0.00	0.00	0.00	0.00	46.71	ppb
Sodium	23-2	10.21	11.05	16.53	12.60	27.25	ppb
Strontium	86-1	0.00	0.01	-0.03	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	224.33	ppb
Sulfur	34-1	-1235.69	-1064.79	-901.19	-1067.22		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	314.78	ppb
Tin	118-1	0.05	0.09	0.07	0.07	26.60	ppb
Titanium	47-1	0.04	0.00	0.05	0.03	81.69	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.01	-0.01	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.03	-0.02	-0.15	-0.05		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:08:08	DataFile Name :	056SMPL.d

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

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-14RE Instrumnet Name : P8
 Client Sample ID : DC14723-50-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 15:11:17 DataFile Name : 057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.75	3.75	9.13	7.88	46.49	ppb
Antimony	121-1	0.05	0.06	0.05	0.05	11.45	ppb
Arsenic	75-2	0.26	0.38	0.32	0.32	17.89	ppb
Barium	135-1	15.82	16.95	16.19	16.32	3.53	ppb
Barium	137-1	16.07	16.75	16.06	16.29	2.44	ppb
Beryllium	9-1	-0.01	0.01	0.02	0.01	247.88	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.70	4.89	4.52	4.70	3.87	ppb
Boron	11-1	3.89	3.99	4.45	4.11	7.27	ppb
Cadmium	111-1	-0.07	-0.11	-0.11	-0.10		ppb
Cadmium	106-1	-1.75	-2.05	-1.80	-1.87		ppb
Cadmium	108-1	-0.13	0.00	0.10	-0.01		ppb
Calcium	43-1	5590.48	6029.40	5457.39	5692.42	5.26	ppb
Calcium	44-1	5679.70	6101.48	5660.53	5813.90	4.29	ppb
Chromium	52-2	-0.04	0.04	0.03	0.01	440.56	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	47.54	ppb
Copper	63-2	92.61	95.59	96.19	94.80	2.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	22.22	23.76	24.36	23.45	4.70	ppb
Iron	57-2	22.44	19.70	24.01	22.05	9.91	ppb
Lead	206-1	0.66	0.70	0.67	0.68	3.25	ppb
Lead	207-1	0.57	0.61	0.54	0.58	6.29	ppb
Lead	208-1	0.61	0.65	0.62	0.62	3.78	ppb
Lithium	6-1						%
Magnesium	24-2	1056.76	1124.78	1115.83	1099.12	3.36	ppb
Manganese	55-2	14.03	14.18	14.97	14.39	3.52	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-14RE Instrumnet Name : P8
 Client Sample ID : DC14723-50-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 15:11:17 DataFile Name : 057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	0.02	0.01	31.55	ppb
Molybdenum	95-1	0.00	0.01	0.03	0.02	78.90	ppb
Molybdenum	96-1	0.01	0.01	0.02	0.01	75.68	ppb
Molybdenum	97-1	0.01	0.04	0.04	0.03	64.90	ppb
Molybdenum	98-1	0.02	0.03	0.03	0.03	28.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.52	0.61	0.58	0.57	8.38	ppb
Phosphorus	31-2	870.75	614.49	616.72	700.65	21.02	ppb
Potassium	39-2	436.61	481.02	455.06	457.56	4.88	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.14	0.65	-0.95	0.62	251.41	ppb
Selenium	82-1	-0.06	-0.31	0.01	-0.12		ppb
Silicon	28-1	870.64	985.95	858.51	905.03	7.77	ppb
Silver	109-1	0.01	0.01	0.01	0.01	44.39	ppb
Silver	107-1	0.01	0.01	0.01	0.01	37.73	ppb
Sodium	23-2	9812.08	10026.61	10192.63	10010.44	1.91	ppb
Strontium	86-1	18.85	19.80	18.24	18.96	4.14	ppb
Strontium	88-1	19.12	20.25	18.89	19.42	3.74	ppb
Sulfur	34-1	-33.60	827.64	-251.88	180.72	315.83	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	0.01	0.01	0.01	13.09	ppb
Tin	118-1	-0.07	-0.04	-0.08	-0.06		ppb
Titanium	47-1	0.25	0.32	0.27	0.28	13.22	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	10.44	ppb
Vanadium	51-2	0.06	0.06	0.12	0.08	37.61	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	90.80	94.77	96.57	94.05	3.14	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	12.30	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-14RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-50-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:11:17	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.03	0.02	0.02	36.69	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-15RE Instrumnet Name : P8
 Client Sample ID : DC14723-51-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 15:14:27 DataFile Name : 058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.87	7.67	12.90	12.48	36.97	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	4.46	ppb
Arsenic	75-2	0.30	0.23	0.24	0.26	15.91	ppb
Barium	135-1	16.27	16.20	14.91	15.79	4.84	ppb
Barium	137-1	15.71	16.88	15.51	16.03	4.62	ppb
Beryllium	9-1	-0.01	0.00	-0.03	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.25	3.93	3.42	3.54	9.97	ppb
Boron	11-1	3.80	4.43	3.72	3.99	9.74	ppb
Cadmium	111-1	-0.12	-0.10	-0.10	-0.11		ppb
Cadmium	106-1	-1.93	-1.64	-1.63	-1.73		ppb
Cadmium	108-1	-0.08	0.00	-0.11	-0.06		ppb
Calcium	43-1	5705.09	5968.82	5473.54	5715.81	4.34	ppb
Calcium	44-1	5817.35	6029.00	5707.31	5851.22	2.79	ppb
Chromium	52-2	-0.05	-0.12	-0.01	-0.06		ppb
Cobalt	59-2	0.02	0.00	0.01	0.01	55.76	ppb
Copper	63-2	83.31	83.51	82.87	83.23	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	23.43	24.92	22.92	23.76	4.38	ppb
Iron	57-2	25.54	26.00	23.75	25.10	4.73	ppb
Lead	206-1	0.10	0.08	0.10	0.10	11.17	ppb
Lead	207-1	0.11	0.10	0.10	0.10	7.65	ppb
Lead	208-1	0.10	0.10	0.10	0.10	2.11	ppb
Lithium	6-1						%
Magnesium	24-2	1097.61	1103.69	1115.60	1105.64	0.83	ppb
Manganese	55-2	14.18	14.46	13.66	14.10	2.87	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-15RE Instrumnet Name : P8
 Client Sample ID : DC14723-51-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 15:14:27 DataFile Name : 058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.03	0.01	0.02	30.69	ppb
Molybdenum	95-1	0.02	0.02	0.01	0.02	20.38	ppb
Molybdenum	96-1	0.02	0.02	0.01	0.02	48.86	ppb
Molybdenum	97-1	0.02	0.03	0.02	0.02	33.71	ppb
Molybdenum	98-1	0.03	0.03	0.02	0.02	29.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.30	0.37	0.34	0.34	10.71	ppb
Phosphorus	31-2	565.11	623.58	861.40	683.37	22.96	ppb
Potassium	39-2	433.00	467.85	469.94	456.93	4.54	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	3.04	0.00	1.01	173.21	ppb
Selenium	78-2	-0.44	-0.96	-0.95	-0.78		ppb
Selenium	82-1	0.15	0.57	0.02	0.25	116.88	ppb
Silicon	28-1	897.52	999.05	866.63	921.07	7.52	ppb
Silver	109-1	0.00	0.01	0.00	0.01	50.57	ppb
Silver	107-1	0.00	0.01	0.01	0.01	33.14	ppb
Sodium	23-2	9882.61	9868.53	9846.62	9865.92	0.18	ppb
Strontium	86-1	18.89	19.77	18.41	19.02	3.63	ppb
Strontium	88-1	19.36	20.25	18.81	19.47	3.74	ppb
Sulfur	34-1	-121.29	421.25	-281.37	6.20	5943.29	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.00	0.01	61.78	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	200.41	ppb
Tin	118-1	-0.12	-0.10	-0.10	-0.11		ppb
Titanium	47-1	0.42	0.47	0.41	0.44	6.91	ppb
Uranium	238-1	0.01	0.00	0.00	0.01	53.22	ppb
Vanadium	51-2	0.08	0.07	0.04	0.06	31.72	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.30	10.82	9.67	10.26	5.59	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	25.95	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-15RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-51-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:14:27	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.01	0.02	26.41	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-16RE Instrumnet Name : P8
 Client Sample ID : DC14723-52-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 15:17:35 DataFile Name : 059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.58	11.96	47.41	21.65	104.09	ppb
Antimony	121-1	0.04	0.06	0.05	0.05	20.61	ppb
Arsenic	75-2	0.30	0.28	2.48	1.02	124.06	ppb
Barium	135-1	15.85	15.62	17.03	16.17	4.68	ppb
Barium	137-1	15.90	16.10	16.85	16.28	3.08	ppb
Beryllium	9-1	-0.02	0.01	-0.02	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.82	3.32	5.04	4.06	21.78	ppb
Boron	11-1	4.38	3.84	4.49	4.24	8.20	ppb
Cadmium	111-1	-0.13	-0.17	-0.14	-0.15		ppb
Cadmium	106-1	-1.83	-2.48	-2.29	-2.20		ppb
Cadmium	108-1	-0.08	-0.11	-0.08	-0.09		ppb
Calcium	43-1	5527.50	5578.42	5966.08	5690.66	4.22	ppb
Calcium	44-1	5737.35	5747.91	6095.95	5860.40	3.48	ppb
Chromium	52-2	-0.18	-0.09	5.14	1.62	187.89	ppb
Cobalt	59-2	0.03	0.01	0.21	0.08	131.67	ppb
Copper	63-2	94.00	93.92	702.12	296.68	118.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24.65	27.14	229.31	93.70	125.35	ppb
Iron	57-2	27.39	26.00	193.68	82.36	117.07	ppb
Lead	206-1	0.28	0.31	0.32	0.30	5.69	ppb
Lead	207-1	0.26	0.27	0.26	0.27	2.99	ppb
Lead	208-1	0.29	0.29	0.30	0.29	3.57	ppb
Lithium	6-1						%
Magnesium	24-2	1167.21	1157.69	8523.68	3616.19	117.53	ppb
Manganese	55-2	16.79	17.19	123.93	52.64	117.30	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-16RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-52-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:17:35	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.01	0.02	32.53	ppb
Molybdenum	95-1	0.01	0.03	0.04	0.03	66.66	ppb
Molybdenum	96-1	0.01	0.01	0.06	0.02	108.19	ppb
Molybdenum	97-1	0.02	0.04	0.04	0.03	35.31	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	18.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.73	3.92	30.18	12.61	120.69	ppb
Phosphorus	31-2	801.38	643.81	3890.25	1778.48	102.93	ppb
Potassium	39-2	446.45	488.62	4501.19	1812.09	128.52	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.08	0.11	2.44	1.21	96.58	ppb
Selenium	82-1	0.19	0.40	0.14	0.24	57.90	ppb
Silicon	28-1	885.64	899.34	959.66	914.88	4.30	ppb
Silver	109-1	0.01	0.00	0.00	0.00	73.63	ppb
Silver	107-1	0.01	0.01	0.00	0.01	52.65	ppb
Sodium	23-2	10065.08	10128.69	77113.90	32435.89	119.29	ppb
Strontium	86-1	18.78	18.71	19.60	19.03	2.60	ppb
Strontium	88-1	19.07	18.99	20.34	19.47	3.89	ppb
Sulfur	34-1	-400.41	-212.65	267.02	-115.35		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	261.75	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	117.73	ppb
Tin	118-1	-0.10	-0.13	-0.13	-0.12		ppb
Titanium	47-1	0.45	0.36	0.38	0.40	12.54	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	27.38	ppb
Vanadium	51-2	0.03	0.06	0.57	0.22	136.31	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	82.27	84.78	641.02	269.36	119.50	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	24.31	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-16RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-52-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:17:35	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.06	0.04	60.72	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-17RE Instrumnet Name : P8
 Client Sample ID : DC14723-53-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 15:20:45 DataFile Name : 060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.01	4.92	8.90	7.28	28.73	ppb
Antimony	121-1	0.05	0.04	0.05	0.05	9.60	ppb
Arsenic	75-2	0.25	0.40	0.19	0.28	39.42	ppb
Barium	135-1	15.22	15.74	15.10	15.36	2.22	ppb
Barium	137-1	15.42	15.53	15.96	15.64	1.82	ppb
Beryllium	9-1	-0.02	0.00	0.00	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.17	3.80	3.33	3.77	11.11	ppb
Boron	11-1	4.11	3.88	3.88	3.95	3.34	ppb
Cadmium	111-1	-0.18	-0.15	-0.15	-0.16		ppb
Cadmium	106-1	-2.68	-2.11	-2.12	-2.30		ppb
Cadmium	108-1	-0.08	-0.06	-0.01	-0.05		ppb
Calcium	43-1	5545.16	5378.72	5485.58	5469.82	1.54	ppb
Calcium	44-1	5630.63	5671.70	5620.54	5640.95	0.48	ppb
Chromium	52-2	-0.15	-0.09	-0.09	-0.11		ppb
Cobalt	59-2	0.00	0.01	0.02	0.01	117.11	ppb
Copper	63-2	80.39	80.42	78.47	79.76	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	23.62	23.89	22.83	23.44	2.34	ppb
Iron	57-2	22.39	19.06	26.78	22.74	17.01	ppb
Lead	206-1	0.07	0.08	0.07	0.07	6.01	ppb
Lead	207-1	0.07	0.07	0.09	0.08	16.65	ppb
Lead	208-1	0.08	0.08	0.09	0.08	2.00	ppb
Lithium	6-1						%
Magnesium	24-2	1117.68	1142.22	1098.32	1119.41	1.97	ppb
Manganese	55-2	14.61	14.65	14.72	14.66	0.40	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-17RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-53-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:20:45	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.03	0.01	0.02	41.13	ppb
Molybdenum	95-1	0.04	0.03	0.02	0.03	23.25	ppb
Molybdenum	96-1	0.02	0.01	0.02	0.02	37.56	ppb
Molybdenum	97-1	-0.01	0.04	0.01	0.01	194.54	ppb
Molybdenum	98-1	0.04	0.03	0.02	0.03	23.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.34	0.24	0.40	0.33	25.43	ppb
Phosphorus	31-2	884.40	592.97	521.31	666.23	28.87	ppb
Potassium	39-2	458.51	495.87	452.92	469.10	4.98	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	3.11	0.00	1.04	173.21	ppb
Selenium	78-2	0.13	-1.48	-1.48	-0.94		ppb
Selenium	82-1	0.34	-0.82	-0.52	-0.33		ppb
Silicon	28-1	874.14	861.35	868.90	868.13	0.74	ppb
Silver	109-1	0.01	0.01	0.00	0.01	73.29	ppb
Silver	107-1	0.01	0.01	0.00	0.01	68.23	ppb
Sodium	23-2	10238.57	10269.44	9987.86	10165.29	1.52	ppb
Strontium	86-1	18.99	18.25	18.98	18.74	2.27	ppb
Strontium	88-1	18.93	19.02	19.04	19.00	0.30	ppb
Sulfur	34-1	-271.79	-306.87	-117.51	-232.06		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.00	0.01	0.01	81.38	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	61.21	ppb
Tin	118-1	-0.12	-0.17	-0.15	-0.15		ppb
Titanium	47-1	0.30	0.34	0.27	0.30	11.68	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	18.39	ppb
Vanadium	51-2	0.03	0.10	0.06	0.06	50.21	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.03	9.13	9.36	9.51	4.89	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	11.60	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-17RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-53-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:20:45	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.01	0.01	20.33	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-18RE Instrumnet Name : P8
 Client Sample ID : DC14723-54-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 15:23:55 DataFile Name : 061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.97	1.07	13.65	7.56	83.32	ppb
Antimony	121-1	0.07	0.08	0.06	0.07	16.39	ppb
Arsenic	75-2	0.32	0.36	0.40	0.36	10.74	ppb
Barium	135-1	16.65	16.85	16.36	16.62	1.49	ppb
Barium	137-1	16.53	16.68	16.31	16.51	1.15	ppb
Beryllium	9-1	-0.01	-0.03	-0.04	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.39	4.79	4.34	4.17	17.13	ppb
Boron	11-1	4.36	4.52	3.91	4.26	7.39	ppb
Cadmium	111-1	-0.12	-0.18	-0.17	-0.16		ppb
Cadmium	106-1	-2.21	-2.79	-2.58	-2.53		ppb
Cadmium	108-1	-0.01	-0.08	0.07	-0.01		ppb
Calcium	43-1	5562.88	5477.32	5460.97	5500.39	1.00	ppb
Calcium	44-1	5763.36	5631.83	5623.98	5673.06	1.38	ppb
Chromium	52-2	-0.15	0.03	-0.01	-0.04		ppb
Cobalt	59-2	0.01	0.01	0.02	0.01	54.91	ppb
Copper	63-2	184.58	206.55	187.55	192.89	6.18	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	23.02	25.77	22.61	23.80	7.22	ppb
Iron	57-2	17.79	24.96	21.75	21.50	16.69	ppb
Lead	206-1	1.72	1.66	1.62	1.67	2.99	ppb
Lead	207-1	1.58	1.48	1.50	1.52	3.53	ppb
Lead	208-1	1.62	1.60	1.60	1.61	1.03	ppb
Lithium	6-1						%
Magnesium	24-2	1139.67	1234.27	1123.12	1165.69	5.14	ppb
Manganese	55-2	18.22	19.28	18.25	18.58	3.25	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-18RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-54-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:23:55	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	0.01	0.01	39.27	ppb
Molybdenum	95-1	0.02	0.01	0.04	0.02	57.55	ppb
Molybdenum	96-1	0.05	0.01	0.02	0.02	87.36	ppb
Molybdenum	97-1	0.01	0.04	0.03	0.02	66.09	ppb
Molybdenum	98-1	0.03	0.02	0.02	0.03	16.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.92	4.54	4.01	4.16	8.10	ppb
Phosphorus	31-2	625.96	546.21	637.04	603.07	8.22	ppb
Potassium	39-2	473.57	557.13	497.00	509.23	8.46	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	3.44	3.40	2.28	86.61	ppb
Selenium	78-2	-0.95	-0.89	-0.90	-0.91		ppb
Selenium	82-1	0.04	0.24	-0.74	-0.15		ppb
Silicon	28-1	1609.35	1592.35	1592.14	1597.95	0.62	ppb
Silver	109-1	0.00	0.01	0.01	0.01	67.19	ppb
Silver	107-1	0.00	0.01	0.01	0.01	41.01	ppb
Sodium	23-2	10130.33	11250.14	10289.87	10556.78	5.74	ppb
Strontium	86-1	18.45	18.81	18.12	18.46	1.85	ppb
Strontium	88-1	18.77	18.98	18.65	18.80	0.89	ppb
Sulfur	34-1	-298.68	-504.92	-564.38	-455.99		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.01	0.00	90.10	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	335.51	ppb
Tin	118-1	-0.13	-0.16	-0.15	-0.15		ppb
Titanium	47-1	0.31	0.31	0.27	0.30	8.88	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	18.22	ppb
Vanadium	51-2	0.08	0.08	0.06	0.08	15.14	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	100.52	110.39	100.32	103.74	5.55	ppb
Zirconium	90-1	0.02	0.01	0.02	0.01	49.61	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-18RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-54-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:23:55	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.03	0.02	58.84	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-19RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-55-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:27:04	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.86	6.97	9.15	7.66	16.84	ppb
Antimony	121-1	0.05	0.06	0.06	0.06	12.95	ppb
Arsenic	75-2	0.32	0.16	0.23	0.24	33.07	ppb
Barium	135-1	16.31	15.98	18.01	16.76	6.48	ppb
Barium	137-1	16.63	16.71	18.43	17.25	5.91	ppb
Beryllium	9-1	-0.01	-0.02	-0.04	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.53	4.45	4.21	4.40	3.80	ppb
Boron	11-1	4.08	4.46	4.49	4.35	5.31	ppb
Cadmium	111-1	-0.11	-0.04	-0.11	-0.09		ppb
Cadmium	106-1	-1.64	-0.65	-1.59	-1.29		ppb
Cadmium	108-1	0.01	-0.06	-0.11	-0.05		ppb
Calcium	43-1	5492.94	5496.53	6028.12	5672.53	5.43	ppb
Calcium	44-1	5662.84	5658.36	6235.94	5852.38	5.68	ppb
Chromium	52-2	-0.21	-0.07	-0.15	-0.14		ppb
Cobalt	59-2	0.00	0.02	0.02	0.01	108.59	ppb
Copper	63-2	36.32	36.60	36.53	36.48	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	18.93	19.54	19.63	19.37	1.95	ppb
Iron	57-2	17.99	10.69	22.84	17.17	35.62	ppb
Lead	206-1	0.33	0.32	0.36	0.34	5.13	ppb
Lead	207-1	0.28	0.37	0.37	0.34	15.61	ppb
Lead	208-1	0.32	0.34	0.36	0.34	6.64	ppb
Lithium	6-1						%
Magnesium	24-2	1142.90	1128.99	1146.84	1139.58	0.82	ppb
Manganese	55-2	17.31	18.05	16.76	17.37	3.73	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-19RE Instrumnet Name : P8
 Client Sample ID : DC14723-55-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 15:27:04 DataFile Name : 062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.02	0.01	25.68	ppb
Molybdenum	95-1	0.02	0.02	0.04	0.03	39.74	ppb
Molybdenum	96-1	0.00	0.03	0.02	0.02	94.90	ppb
Molybdenum	97-1	0.01	0.05	0.04	0.03	53.21	ppb
Molybdenum	98-1	0.02	0.03	0.03	0.02	21.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.32	0.37	0.32	16.37	ppb
Phosphorus	31-2	665.44	572.90	717.71	652.02	11.25	ppb
Potassium	39-2	458.14	460.21	477.26	465.21	2.26	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	6.17	0.00	2.06	173.21	ppb
Selenium	78-2	-1.48	1.16	-1.48	-0.60		ppb
Selenium	82-1	-0.59	0.23	-0.26	-0.21		ppb
Silicon	28-1	1391.79	1407.65	1547.28	1448.90	5.91	ppb
Silver	109-1	0.00	0.01	0.01	0.01	35.28	ppb
Silver	107-1	0.00	0.00	0.01	0.00	26.09	ppb
Sodium	23-2	10024.80	10097.13	10068.58	10063.50	0.36	ppb
Strontium	86-1	18.02	18.26	20.42	18.90	7.02	ppb
Strontium	88-1	18.73	18.83	20.79	19.45	5.98	ppb
Sulfur	34-1	-744.01	-425.10	614.14	-184.99		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.01	0.01	58.31	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	36.54	ppb
Tin	118-1	-0.16	-0.15	-0.15	-0.15		ppb
Titanium	47-1	0.34	0.37	0.38	0.36	5.63	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	69.82	ppb
Vanadium	51-2	0.12	0.05	0.08	0.08	45.08	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.32	5.96	6.94	6.41	7.74	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	14.00	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-19RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-55-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:27:04	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.01	0.02	38.23	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-20RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-56-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:30:12	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.56	12.26	11.06	15.30	41.33	ppb
Antimony	121-1	0.06	0.06	0.05	0.06	9.11	ppb
Arsenic	75-2	0.36	0.23	0.24	0.28	26.33	ppb
Barium	135-1	17.86	17.35	17.68	17.63	1.46	ppb
Barium	137-1	17.87	17.86	18.20	17.98	1.06	ppb
Beryllium	9-1	0.00	-0.02	-0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.41	3.20	3.44	3.68	17.31	ppb
Boron	11-1	3.82	3.74	4.20	3.92	6.35	ppb
Cadmium	111-1	-0.17	-0.13	-0.18	-0.16		ppb
Cadmium	106-1	-2.35	-2.00	-2.64	-2.33		ppb
Cadmium	108-1	-0.08	-0.08	-0.01	-0.06		ppb
Calcium	43-1	5619.90	5540.77	5529.79	5563.49	0.88	ppb
Calcium	44-1	5772.38	5760.76	5784.40	5772.51	0.20	ppb
Chromium	52-2	-0.10	-0.12	-0.13	-0.12		ppb
Cobalt	59-2	0.01	0.02	0.00	0.01	54.18	ppb
Copper	63-2	203.12	204.75	203.14	203.67	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	34.22	33.09	33.39	33.57	1.75	ppb
Iron	57-2	41.93	32.61	28.69	34.41	19.75	ppb
Lead	206-1	0.95	0.91	0.94	0.93	1.83	ppb
Lead	207-1	0.92	0.87	0.84	0.88	4.67	ppb
Lead	208-1	0.95	0.92	0.92	0.93	1.73	ppb
Lithium	6-1						%
Magnesium	24-2	1134.25	1140.56	1128.66	1134.49	0.52	ppb
Manganese	55-2	16.43	15.69	15.84	15.98	2.45	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-20RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-56-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:30:12	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.02	0.00	0.01	60.78	ppb
Molybdenum	95-1	0.02	0.01	0.02	0.02	37.07	ppb
Molybdenum	96-1	0.00	0.03	0.04	0.02	111.02	ppb
Molybdenum	97-1	0.03	0.03	0.03	0.03	13.41	ppb
Molybdenum	98-1	0.02	0.02	0.03	0.02	25.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.73	0.84	0.68	0.75	11.18	ppb
Phosphorus	31-2	493.27	528.49	593.98	538.58	9.49	ppb
Potassium	39-2	594.35	617.88	631.02	614.42	3.02	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.12	1.68	-0.42	0.46	236.93	ppb
Selenium	82-1	0.28	-0.75	0.24	-0.08		ppb
Silicon	28-1	985.09	997.71	995.08	992.63	0.67	ppb
Silver	109-1	0.00	0.00	0.00	0.00	32.70	ppb
Silver	107-1	0.00	0.00	0.00	0.00	18.07	ppb
Sodium	23-2	10077.30	10106.19	9973.57	10052.36	0.69	ppb
Strontium	86-1	18.59	19.07	18.46	18.71	1.71	ppb
Strontium	88-1	19.02	19.07	18.64	18.91	1.27	ppb
Sulfur	34-1	-485.28	-478.86	-566.07	-510.07		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.00	0.00	25.68	ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	-0.15	-0.14	-0.15	-0.15		ppb
Titanium	47-1	0.39	0.29	0.30	0.33	17.89	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	28.58	ppb
Vanadium	51-2	0.07	0.06	0.05	0.06	20.61	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	68.73	70.09	68.15	68.99	1.45	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	20.10	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-20RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-56-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:30:12	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.01	0.01	9.13	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-21RE Instrumnet Name : P8
 Client Sample ID : DC14723-57-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 15:33:22 DataFile Name : 064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.52	39.27	17.92	32.57	39.00	ppb
Antimony	121-1	0.05	0.05	0.06	0.05	9.83	ppb
Arsenic	75-2	0.35	0.40	0.22	0.32	28.61	ppb
Barium	135-1	20.47	20.53	22.68	21.23	5.95	ppb
Barium	137-1	20.71	21.07	22.60	21.46	4.68	ppb
Beryllium	9-1	0.00	-0.01	0.04	0.01	231.04	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.83	5.00	4.16	4.33	13.92	ppb
Boron	11-1	4.04	4.62	4.52	4.39	7.07	ppb
Cadmium	111-1	-0.17	-0.14	-0.10	-0.13		ppb
Cadmium	106-1	-2.32	-2.01	-1.54	-1.95		ppb
Cadmium	108-1	-0.06	0.07	0.03	0.01	549.38	ppb
Calcium	43-1	6228.53	6222.83	6694.60	6381.99	4.24	ppb
Calcium	44-1	6427.01	6428.45	6898.16	6584.54	4.12	ppb
Chromium	52-2	-0.03	-0.14	-0.11	-0.09		ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	13.76	ppb
Copper	63-2	119.35	118.72	121.30	119.79	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	84.35	94.99	88.55	89.30	6.00	ppb
Iron	57-2	87.26	79.13	79.65	82.02	5.55	ppb
Lead	206-1	0.42	0.45	0.48	0.45	6.08	ppb
Lead	207-1	0.38	0.36	0.37	0.37	2.18	ppb
Lead	208-1	0.39	0.41	0.44	0.41	5.54	ppb
Lithium	6-1						%
Magnesium	24-2	1296.92	1236.43	1277.49	1270.28	2.43	ppb
Manganese	55-2	24.14	24.70	25.72	24.85	3.23	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-21RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-57-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:33:22	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.03	0.03	0.03	7.48	ppb
Molybdenum	95-1	0.02	0.01	0.04	0.02	73.06	ppb
Molybdenum	96-1	0.01	0.01	0.02	0.01	64.64	ppb
Molybdenum	97-1	0.02	0.01	0.04	0.02	60.78	ppb
Molybdenum	98-1	0.02	0.02	0.03	0.02	35.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.23	0.30	0.27	11.72	ppb
Phosphorus	31-2	649.15	730.10	623.65	667.63	8.33	ppb
Potassium	39-2	548.90	549.82	553.52	550.75	0.44	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	3.08	3.13	2.07	86.61	ppb
Selenium	78-2	-0.42	-0.95	-0.41	-0.59		ppb
Selenium	82-1	-0.75	-0.36	-0.33	-0.48		ppb
Silicon	28-1	1633.09	1680.94	1773.50	1695.84	4.21	ppb
Silver	109-1	0.01	0.02	0.01	0.01	34.77	ppb
Silver	107-1	0.01	0.01	0.01	0.01	8.45	ppb
Sodium	23-2	10077.62	10094.86	10311.20	10161.23	1.28	ppb
Strontium	86-1	21.01	21.79	23.09	21.96	4.79	ppb
Strontium	88-1	21.52	21.72	23.34	22.19	4.50	ppb
Sulfur	34-1	-451.82	-290.17	352.36	-129.88		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.01	0.00	193.23	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.11	-0.10	-0.09	-0.10		ppb
Titanium	47-1	3.19	0.58	0.73	1.50	97.98	ppb
Uranium	238-1	0.03	0.02	0.03	0.03	14.93	ppb
Vanadium	51-2	0.05	0.05	0.08	0.06	31.95	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	17.75	18.19	17.65	17.86	1.59	ppb
Zirconium	90-1	0.04	0.03	0.04	0.04	13.91	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-21RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-57-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:33:22	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.07	0.05	0.05	25.85	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-22RE Instrumnet Name : P8
 Client Sample ID : DC14723-58-FL1-OPA-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 15:36:32 DataFile Name : 065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.75	4.69	9.93	10.45	57.83	ppb
Antimony	121-1	0.04	0.05	0.04	0.04	16.57	ppb
Arsenic	75-2	0.26	0.20	0.21	0.22	13.83	ppb
Barium	135-1	15.69	15.65	15.68	15.68	0.13	ppb
Barium	137-1	15.99	15.60	15.75	15.78	1.26	ppb
Beryllium	9-1	-0.01	-0.02	0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.58	4.18	3.20	3.66	13.47	ppb
Boron	11-1	4.14	3.85	3.98	3.99	3.61	ppb
Cadmium	111-1	-0.15	-0.17	-0.10	-0.14		ppb
Cadmium	106-1	-2.10	-2.34	-1.42	-1.95		ppb
Cadmium	108-1	-0.06	0.01	-0.11	-0.05		ppb
Calcium	43-1	5540.16	5538.94	5541.62	5540.24	0.02	ppb
Calcium	44-1	5768.11	5661.31	5713.62	5714.35	0.93	ppb
Chromium	52-2	-0.10	-0.12	-0.09	-0.10		ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	80.23	ppb
Copper	63-2	125.64	129.16	128.03	127.61	1.41	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	19.65	18.61	18.95	19.07	2.79	ppb
Iron	57-2	19.01	19.33	17.24	18.53	6.08	ppb
Lead	206-1	0.16	0.15	0.15	0.15	3.40	ppb
Lead	207-1	0.16	0.12	0.10	0.12	23.73	ppb
Lead	208-1	0.16	0.15	0.14	0.15	5.87	ppb
Lithium	6-1						%
Magnesium	24-2	1102.61	1160.78	1139.94	1134.44	2.60	ppb
Manganese	55-2	11.15	11.00	11.29	11.15	1.33	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-22RE Instrumnet Name : P8
 Client Sample ID : DC14723-58-FL1-OPA-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 15:36:32 DataFile Name : 065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.01	0.01	0.02	80.02	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	9.18	ppb
Molybdenum	96-1	0.01	0.01	0.03	0.01	69.49	ppb
Molybdenum	97-1	0.01	0.03	0.02	0.02	65.97	ppb
Molybdenum	98-1	0.03	0.02	0.02	0.02	25.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.30	0.22	0.26	0.26	17.08	ppb
Phosphorus	31-2	657.45	548.87	506.39	570.90	13.64	ppb
Potassium	39-2	467.67	464.09	468.95	466.90	0.54	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	3.02	3.04	2.02	86.60	ppb
Selenium	78-2	-0.46	-0.96	-0.44	-0.62		ppb
Selenium	82-1	-0.84	0.18	0.23	-0.14		ppb
Silicon	28-1	886.12	881.60	877.00	881.57	0.52	ppb
Silver	109-1	0.01	0.01	0.01	0.01	22.45	ppb
Silver	107-1	0.01	0.01	0.01	0.01	15.47	ppb
Sodium	23-2	9999.24	10176.75	10113.26	10096.42	0.89	ppb
Strontium	86-1	19.28	19.45	18.78	19.17	1.82	ppb
Strontium	88-1	19.33	19.28	19.02	19.21	0.88	ppb
Sulfur	34-1	-707.45	-675.80	-640.60	-674.62		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	265.35	ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	-0.16	-0.16	-0.16	-0.16		ppb
Titanium	47-1	0.39	0.36	0.32	0.36	10.18	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	19.91	ppb
Vanadium	51-2	0.04	0.06	0.07	0.06	20.33	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	9.16	9.52	9.24	9.30	2.03	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	64.07	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-22RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-58-FL1-OPA-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:36:32	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.02	0.02	24.47	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-23RE Instrumnet Name : P8
 Client Sample ID : DC14723-59-FL1-OPA-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 15:39:40 DataFile Name : 066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.87	0.39	5.65	5.31	89.49	ppb
Antimony	121-1	0.04	0.04	0.05	0.04	9.48	ppb
Arsenic	75-2	0.29	0.30	0.38	0.32	14.57	ppb
Barium	135-1	15.48	15.51	16.37	15.79	3.21	ppb
Barium	137-1	15.54	16.06	15.73	15.78	1.67	ppb
Beryllium	9-1	-0.02	-0.03	-0.02	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.42	4.12	4.34	4.29	3.58	ppb
Boron	11-1	4.41	4.23	4.33	4.32	2.02	ppb
Cadmium	111-1	-0.19	-0.11	-0.12	-0.14		ppb
Cadmium	106-1	-2.68	-1.66	-1.83	-2.06		ppb
Cadmium	108-1	-0.11	-0.11	-0.08	-0.10		ppb
Calcium	43-1	5585.64	5610.40	5583.74	5593.26	0.27	ppb
Calcium	44-1	5752.75	5711.92	5642.76	5702.48	0.97	ppb
Chromium	52-2	-0.12	-0.26	-0.12	-0.17		ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	37.39	ppb
Copper	63-2	133.29	131.61	132.24	132.38	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	18.71	17.56	18.75	18.34	3.67	ppb
Iron	57-2	20.11	23.73	21.76	21.86	8.30	ppb
Lead	206-1	0.14	0.16	0.17	0.16	10.44	ppb
Lead	207-1	0.12	0.18	0.14	0.15	19.09	ppb
Lead	208-1	0.14	0.16	0.15	0.15	4.11	ppb
Lithium	6-1						%
Magnesium	24-2	1105.30	1122.28	1114.74	1114.10	0.76	ppb
Manganese	55-2	11.21	9.99	11.43	10.88	7.10	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-23RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-59-FL1-OPA-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:39:40	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.01	0.01	29.76	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.02	29.76	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.02	44.79	ppb
Molybdenum	97-1	0.00	0.02	0.02	0.01	67.99	ppb
Molybdenum	98-1	0.03	0.03	0.02	0.03	20.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.36	0.39	0.40	0.38	5.95	ppb
Phosphorus	31-2	727.74	481.47	640.94	616.72	20.25	ppb
Potassium	39-2	459.74	449.66	451.57	453.66	1.18	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	3.03	1.01	173.21	ppb
Selenium	78-2	-0.43	-0.44	-1.48	-0.78		ppb
Selenium	82-1	0.42	0.20	0.33	0.32	33.69	ppb
Silicon	28-1	880.45	898.65	860.44	879.85	2.17	ppb
Silver	109-1	0.00	0.01	0.01	0.01	73.64	ppb
Silver	107-1	0.00	0.01	0.01	0.01	46.51	ppb
Sodium	23-2	10042.11	9828.76	10085.55	9985.48	1.38	ppb
Strontium	86-1	18.54	19.10	18.80	18.81	1.48	ppb
Strontium	88-1	19.01	19.26	19.03	19.10	0.73	ppb
Sulfur	34-1	-457.40	-158.67	-286.53	-300.87		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.00	0.01	21.24	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.17	-0.18	-0.18	-0.17		ppb
Titanium	47-1	0.34	0.39	0.19	0.31	35.07	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	18.54	ppb
Vanadium	51-2	0.05	0.06	0.04	0.05	20.24	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	9.45	9.70	9.68	9.61	1.43	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	24.05	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-23RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-59-FL1-OPA-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:39:40	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.01	0.01	23.77	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : CCV44 Instrumnet Name : P8
 Client Sample ID : CCV44 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 15:42:54 DataFile Name : 067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.61	-0.28	0.82	-0.69		ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	-0.05	0.01	-0.05	-0.03		ppb
Barium	135-1	-0.01	0.01	-0.01	0.00		ppb
Barium	137-1	0.00	0.01	-0.01	0.00	1263.10	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	50.03	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.33	1.24	0.45	0.67	73.57	ppb
Boron	11-1	0.62	0.90	0.53	0.68	28.07	ppb
Cadmium	111-1	-0.09	-0.14	-0.12	-0.12		ppb
Cadmium	106-1	-1.32	-1.95	-1.68	-1.65		ppb
Cadmium	108-1	-0.11	-0.08	-0.11	-0.10		ppb
Calcium	43-1	4.01	6.76	4.75	5.17	27.44	ppb
Calcium	44-1	-9.16	-8.37	-9.40	-8.98		ppb
Chromium	52-2	-0.10	-0.10	-0.04	-0.08		ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	42.49	ppb
Copper	63-2	-0.05	-0.03	-0.04	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.24	0.13	-0.05	0.11	135.07	ppb
Iron	57-2	-2.85	-2.14	-1.52	-2.17		ppb
Lead	206-1	510.15	498.79	501.76	503.57	1.17	ppb
Lead	207-1	512.73	511.59	510.40	511.57	0.23	ppb
Lead	208-1	507.84	504.09	504.02	505.31	0.43	ppb
Lithium	6-1						%
Magnesium	24-2	0.79	0.28	0.94	0.67	52.05	ppb
Manganese	55-2	-0.04	-0.04	-0.02	-0.04		ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:42:54	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	95-1	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	96-1	-0.02	-0.01	0.00	-0.01		ppb
Molybdenum	97-1	-0.01	0.02	-0.01	0.00		ppb
Molybdenum	98-1	-0.02	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	0.01	-0.04	-0.04		ppb
Phosphorus	31-2	-12.19	-12.19	2.94	-7.15		ppb
Potassium	39-2	-12.49	-4.83	-4.50	-7.28		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.48	0.00	3.31	3.26	99.25	ppb
Selenium	78-2	0.18	-0.32	-0.34	-0.16		ppb
Selenium	82-1	-0.10	0.21	-0.27	-0.05		ppb
Silicon	28-1	-17.88	-19.18	-15.58	-17.55		ppb
Silver	109-1	0.00	0.01	0.00	0.00	188.71	ppb
Silver	107-1	0.00	0.01	0.00	0.00	70.32	ppb
Sodium	23-2	11.17	13.26	13.85	12.76	11.04	ppb
Strontium	86-1	-0.05	0.03	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.01	0.01	0.01	56.15	ppb
Sulfur	34-1	-705.31	-765.02	-789.60	-753.31		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.00	0.01	28.06	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	74.68	ppb
Tin	118-1	-0.13	-0.14	-0.14	-0.14		ppb
Titanium	47-1	0.00	0.06	0.06	0.04	88.31	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	-0.01	0.01	0.00	2525.08	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.19	0.11	0.25	0.18	35.98	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:42:54	DataFile Name :	067SMPL.d

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

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:46:03	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.71	-0.35	0.65	-1.14		ppb
Antimony	121-1	0.00	0.00	0.01	0.00	84.37	ppb
Arsenic	75-2	-0.05	-0.05	-0.03	-0.04		ppb
Barium	135-1	-0.02	-0.01	0.01	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00	143.59	ppb
Beryllium	9-1	-0.03	-0.01	-0.02	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.98	-0.03	0.18	0.38	142.06	ppb
Boron	11-1	0.39	0.28	0.35	0.34	16.23	ppb
Cadmium	111-1	-0.12	-0.08	-0.17	-0.12		ppb
Cadmium	106-1	-1.72	-1.09	-2.50	-1.77		ppb
Cadmium	108-1	-0.02	-0.08	-0.08	-0.06		ppb
Calcium	43-1	6.04	4.92	-6.44	1.50	459.13	ppb
Calcium	44-1	-5.63	-12.26	-11.31	-9.73		ppb
Chromium	52-2	-0.17	-0.05	-0.16	-0.13		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.04	-0.04	-0.04	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.16	0.19	0.03	0.13	65.73	ppb
Iron	57-2	1.46	-0.60	-1.33	-0.15		ppb
Lead	206-1	0.03	0.00	0.01	0.01	104.25	ppb
Lead	207-1	0.02	0.01	0.00	0.01	70.42	ppb
Lead	208-1	0.02	0.01	0.02	0.01	39.42	ppb
Lithium	6-1						%
Magnesium	24-2	2.35	1.36	0.28	1.33	77.57	ppb
Manganese	55-2	-0.06	0.01	0.04	-0.01		ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:46:03	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	95-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	96-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	-0.02	-0.03	-0.03	-0.03		ppb
Molybdenum	98-1	-0.01	-0.02	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.06	-0.03	-0.05		ppb
Phosphorus	31-2	2.39	-12.19	2.35	-2.48		ppb
Potassium	39-2	-16.98	-7.62	-25.50	-16.70		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.48	0.16	0.72	-0.20		ppb
Selenium	82-1	0.03	0.21	-0.28	-0.01		ppb
Silicon	28-1	-16.89	-24.30	-25.23	-22.14		ppb
Silver	109-1	0.00	0.01	0.00	0.00	90.67	ppb
Silver	107-1	0.00	0.01	0.00	0.00	119.28	ppb
Sodium	23-2	8.75	10.34	11.33	10.14	12.83	ppb
Strontium	86-1	-0.02	0.04	-0.04	-0.01		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	294.57	ppb
Sulfur	34-1	-409.50	-840.74	-915.17	-721.80		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	53.80	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	2447.11	ppb
Tin	118-1	0.06	0.05	0.09	0.07	31.17	ppb
Titanium	47-1	0.00	0.01	0.01	0.00	178.97	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.04	0.05	0.09	0.06	49.52	ppb
Zirconium	90-1	0.01	0.00	0.01	0.00	105.16	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:46:03	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	-0.01	0.01	0.00	257.25	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4895-25RE Instrumnet Name : P8
 Client Sample ID : DC2032-26-BS-BRCL3-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 15:52:05 DataFile Name : 069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.58	5.53	3.39	5.50	38.06	ppb
Antimony	121-1	0.40	0.40	0.39	0.40	0.86	ppb
Arsenic	75-2	0.38	0.32	0.51	0.40	23.17	ppb
Barium	135-1	15.73	15.50	15.44	15.56	0.99	ppb
Barium	137-1	15.91	15.77	15.83	15.84	0.45	ppb
Beryllium	9-1	0.02	-0.02	-0.01	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.84	4.19	3.67	3.90	6.72	ppb
Boron	11-1	3.70	3.40	3.68	3.59	4.68	ppb
Cadmium	111-1	-0.12	-0.08	-0.13	-0.11		ppb
Cadmium	106-1	-2.12	-1.59	-2.27	-1.99		ppb
Cadmium	108-1	0.17	0.10	0.13	0.14	26.01	ppb
Calcium	43-1	5215.46	5421.59	5290.02	5309.02	1.97	ppb
Calcium	44-1	5432.00	5392.21	5430.02	5418.08	0.41	ppb
Chromium	52-2	-0.23	-0.19	-0.19	-0.20		ppb
Cobalt	59-2	0.03	0.04	0.03	0.03	13.54	ppb
Copper	63-2	279.39	278.12	272.66	276.72	1.29	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	33.28	32.93	32.53	32.91	1.14	ppb
Iron	57-2	38.23	34.49	29.71	34.15	12.51	ppb
Lead	206-1	172.90	169.62	168.20	170.24	1.42	ppb
Lead	207-1	154.17	151.67	150.92	152.25	1.12	ppb
Lead	208-1	166.25	163.58	163.30	164.38	0.99	ppb
Lithium	6-1						%
Magnesium	24-2	1192.04	1162.00	1139.64	1164.56	2.26	ppb
Manganese	55-2	17.19	16.64	17.42	17.08	2.36	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4895-25RE	Instrumnet Name :	P8
Client Sample ID :	DC2032-26-BS-BRCL3-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:52:05	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.02	0.02	6.32	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	17.21	ppb
Molybdenum	96-1	0.01	0.00	0.01	0.01	120.43	ppb
Molybdenum	97-1	0.01	0.02	0.02	0.02	30.42	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.02	33.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.63	3.52	3.69	3.61	2.38	ppb
Phosphorus	31-2	522.61	646.50	923.09	697.40	29.40	ppb
Potassium	39-2	477.14	476.57	462.51	472.07	1.75	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.96	2.99	0.00	1.98	86.61	ppb
Selenium	78-2	-0.47	-0.46	1.11	0.06	1459.92	ppb
Selenium	82-1	-0.53	0.53	-0.14	-0.05		ppb
Silicon	28-1	858.55	870.22	866.33	865.03	0.69	ppb
Silver	109-1	0.08	0.05	0.06	0.06	18.49	ppb
Silver	107-1	0.07	0.06	0.06	0.07	8.65	ppb
Sodium	23-2	9843.09	9715.53	9572.74	9710.45	1.39	ppb
Strontium	86-1	17.49	17.65	17.19	17.44	1.35	ppb
Strontium	88-1	17.75	17.83	17.69	17.76	0.41	ppb
Sulfur	34-1	-989.16	-744.74	-497.28	-743.72		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	39.87	36.97	37.04	37.96	4.36	ppb
Titanium	47-1	0.37	0.44	0.40	0.40	8.37	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.06	0.05	0.04	0.05	20.66	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	490.87	489.02	474.30	484.73	1.87	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	30.92	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4895-25RE	Instrumnet Name :	P8
Client Sample ID :	DC2032-26-BS-BRCL3-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:52:05	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.03	0.02	64.22	ppb

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4895-27RE Instrumnet Name : P8
 Client Sample ID : DC2032-28-BS-OPA-W4- Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 15:55:12 DataFile Name : 070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.29	5.34	7.57	5.06	52.36	ppb
Antimony	121-1	0.40	0.39	0.45	0.41	7.68	ppb
Arsenic	75-2	0.23	0.23	0.25	0.24	4.57	ppb
Barium	135-1	20.69	20.71	24.27	21.89	9.42	ppb
Barium	137-1	20.48	20.66	24.30	21.81	9.88	ppb
Beryllium	9-1	-0.01	-0.02	0.00	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.82	4.08	5.79	4.90	17.54	ppb
Boron	11-1	4.65	4.94	5.40	5.00	7.55	ppb
Cadmium	111-1	0.04	0.08	0.05	0.06	38.51	ppb
Cadmium	106-1	-1.19	-0.82	-1.29	-1.10		ppb
Cadmium	108-1	0.39	0.30	0.29	0.32	17.30	ppb
Calcium	43-1	5426.27	5458.83	6380.29	5755.13	9.41	ppb
Calcium	44-1	5650.33	5574.36	6539.87	5921.52	9.07	ppb
Chromium	52-2	-0.13	-0.16	-0.17	-0.15		ppb
Cobalt	59-2	0.04	0.04	0.03	0.03	19.57	ppb
Copper	63-2	802.40	801.80	800.26	801.49	0.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	18.17	18.87	18.29	18.44	2.02	ppb
Iron	57-2	25.26	18.60	22.84	22.23	15.15	ppb
Lead	206-1	51.82	51.51	60.57	54.63	9.42	ppb
Lead	207-1	48.46	48.08	55.59	50.71	8.34	ppb
Lead	208-1	50.38	50.00	58.30	52.90	8.85	ppb
Lithium	6-1						%
Magnesium	24-2	1204.26	1222.62	1237.43	1221.44	1.36	ppb
Manganese	55-2	6.82	7.26	7.25	7.11	3.50	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4895-27RE	Instrumnet Name :	P8
Client Sample ID :	DC2032-28-BS-OPA-W4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:55:12	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.02	0.01	0.01	16.99	ppb
Molybdenum	95-1	0.02	0.01	0.04	0.03	57.22	ppb
Molybdenum	96-1	0.00	0.02	0.04	0.02	89.06	ppb
Molybdenum	97-1	0.02	-0.02	0.00	0.00	3313.12	ppb
Molybdenum	98-1	0.03	0.01	0.02	0.02	59.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.24	5.04	5.35	5.21	2.99	ppb
Phosphorus	31-2	161.44	162.39	83.73	135.85	33.23	ppb
Potassium	39-2	514.64	519.71	490.17	508.17	3.11	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.47	-0.97	1.63	0.07	2100.13	ppb
Selenium	82-1	-0.50	-0.25	-1.01	-0.59		ppb
Silicon	28-1	1083.20	1070.29	1290.40	1147.97	10.76	ppb
Silver	109-1	0.07	0.07	0.08	0.08	4.38	ppb
Silver	107-1	0.08	0.08	0.10	0.09	15.38	ppb
Sodium	23-2	10426.03	10293.71	10463.74	10394.49	0.86	ppb
Strontium	86-1	18.17	18.26	21.70	19.38	10.38	ppb
Strontium	88-1	18.55	18.89	21.94	19.79	9.42	ppb
Sulfur	34-1	-576.77	-535.24	1309.09	65.70	1639.37	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.00	0.01	40.58	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	278.25	ppb
Tin	118-1	0.46	0.49	0.66	0.54	19.92	ppb
Titanium	47-1	0.21	0.25	0.26	0.24	9.09	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	84.98	ppb
Vanadium	51-2	0.05	0.04	0.04	0.04	11.59	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	658.41	657.97	673.49	663.29	1.33	ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	37.74	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4895-27RE	Instrumnet Name :	P8
Client Sample ID :	DC2032-28-BS-OPA-W4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:55:12	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.00	0.01	129.95	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:58:21	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.71	0.80	-0.41	-1.11		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	51.63	ppb
Arsenic	75-2	-0.03	-0.02	0.00	-0.02		ppb
Barium	135-1	0.01	0.03	0.02	0.02	55.09	ppb
Barium	137-1	0.00	0.03	0.00	0.01	120.14	ppb
Beryllium	9-1	-0.02	-0.03	-0.01	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.17	0.36	0.73	0.42	68.45	ppb
Boron	11-1	0.63	0.77	0.52	0.64	20.18	ppb
Cadmium	111-1	-0.18	-0.22	-0.14	-0.18		ppb
Cadmium	106-1	-2.52	-3.22	-1.92	-2.55		ppb
Cadmium	108-1	-0.05	-0.13	-0.05	-0.08		ppb
Calcium	43-1	19.07	1.06	14.98	11.70	80.65	ppb
Calcium	44-1	2.07	1.44	4.08	2.53	54.34	ppb
Chromium	52-2	-0.12	-0.14	-0.15	-0.13		ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00		ppb
Copper	63-2	0.11	0.06	0.09	0.09	27.99	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	0.08	0.73	0.29	0.37	89.91	ppb
Iron	57-2	-0.94	-0.26	-0.36	-0.52		ppb
Lead	206-1	513.55	483.80	512.27	503.21	3.34	ppb
Lead	207-1	514.91	495.43	517.84	509.39	2.39	ppb
Lead	208-1	513.09	490.48	513.65	505.74	2.61	ppb
Lithium	6-1						%
Magnesium	24-2	1.09	1.39	2.39	1.62	42.12	ppb
Manganese	55-2	-0.03	-0.07	-0.02	-0.04		ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:58:21	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	95-1	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	96-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	97-1	-0.03	-0.01	-0.02	-0.02		ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.05	-0.02	-0.02		ppb
Phosphorus	31-2	47.33	17.97	-12.19	17.70	168.12	ppb
Potassium	39-2	-1.94	-0.56	-4.42	-2.30		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.48	0.19	0.19	-0.36		ppb
Selenium	82-1	0.55	-0.03	-0.07	0.15	227.98	ppb
Silicon	28-1	-16.26	-16.52	-16.71	-16.50		ppb
Silver	109-1	0.00	0.00	0.00	0.00	134.86	ppb
Silver	107-1	0.00	0.00	0.00	0.00	122.39	ppb
Sodium	23-2	13.90	14.59	16.55	15.01	9.15	ppb
Strontium	86-1	0.03	0.02	0.01	0.02	36.12	ppb
Strontium	88-1	0.02	0.03	0.02	0.02	26.93	ppb
Sulfur	34-1	-516.67	-705.98	-282.36	-501.67		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.01	0.01	48.32	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	138.75	ppb
Tin	118-1	-0.08	-0.09	-0.08	-0.09		ppb
Titanium	47-1	0.02	0.09	0.04	0.05	66.58	ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.93	1.26	1.18	1.12	15.27	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	25.66	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:58:21	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.02	0.01	54.54	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 16:01:28	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.30	-0.39	-2.60	0.77	529.75	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	1595.53	ppb
Arsenic	75-2	0.00	0.00	-0.03	-0.01		ppb
Barium	135-1	0.01	-0.01	-0.02	-0.01		ppb
Barium	137-1	0.01	-0.02	0.00	0.00		ppb
Beryllium	9-1	-0.04	-0.04	-0.04	-0.04		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.52	0.18	-0.04	0.22	129.64	ppb
Boron	11-1	0.32	0.45	0.31	0.36	21.62	ppb
Cadmium	111-1	-0.14	-0.12	-0.13	-0.13		ppb
Cadmium	106-1	-2.05	-1.70	-1.77	-1.84		ppb
Cadmium	108-1	-0.08	-0.11	0.03	-0.05		ppb
Calcium	43-1	32.47	23.78	4.82	20.35	69.47	ppb
Calcium	44-1	-2.28	-12.45	-7.24	-7.32		ppb
Chromium	52-2	-0.05	-0.17	-0.22	-0.15		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	82.63	ppb
Copper	63-2	-0.02	-0.04	-0.03	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.16	-0.01	0.28	0.14	100.49	ppb
Iron	57-2	-1.86	-0.34	-1.27	-1.15		ppb
Lead	206-1	0.01	0.01	0.01	0.01	26.45	ppb
Lead	207-1	0.03	0.02	0.02	0.02	44.87	ppb
Lead	208-1	0.02	0.02	0.02	0.02	9.71	ppb
Lithium	6-1						%
Magnesium	24-2	-0.97	0.59	2.22	0.61	260.11	ppb
Manganese	55-2	-0.02	0.03	0.01	0.00	714.07	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 16:01:28	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	95-1	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	96-1	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	97-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	98-1	-0.01	-0.02	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	-0.02	-0.02		ppb
Phosphorus	31-2	17.91	32.18	2.61	17.57	84.18	ppb
Potassium	39-2	-8.52	-17.17	-4.60	-10.10		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.91	0.22	-1.48	-0.72		ppb
Selenium	82-1	0.32	-0.70	0.46	0.03	2488.20	ppb
Silicon	28-1	-8.95	-24.89	-20.99	-18.28		ppb
Silver	109-1	0.00	0.00	0.00	0.00	454.10	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	11.93	9.51	9.39	10.28	13.94	ppb
Strontium	86-1	0.07	-0.09	0.03	0.00	2367.12	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	87.12	ppb
Sulfur	34-1	264.33	-729.58	-579.31	-348.19		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	172.77	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	106.02	ppb
Tin	118-1	0.11	0.17	0.09	0.12	32.64	ppb
Titanium	47-1	-0.02	0.00	-0.03	-0.02		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	-0.01	-0.02	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.07	-0.05	-0.03	-0.01		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	109.75	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 16:01:28	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	-0.01	0.03	0.01	325.49	ppb

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:01:52	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	33	28	34.64	cps
Antimony	121-1	25	58	92	58	57.14	cps
Arsenic	75-2	11	4	4	6	69.34	cps
Barium	135-1	83	117	83	94	20.37	cps
Barium	137-1	100	92	133	108	20.35	cps
Beryllium	9-1	78	67	72	72	7.69	cps
Bismuth	209-1	4343939	4319546	4397128	4353538	0.91	cps
Bismuth	209-2	1502532	1481302	1487449	1490428	0.73	cps
Boron	10-1	233	208	200	214	8.11	cps
Boron	11-1	933	850	900	895	4.69	cps
Cadmium	111-1	1377	1371	1409	1386	1.47	cps
Cadmium	106-1	1959	1942	2009	1970	1.76	cps
Cadmium	108-1	21	13	25	19	32.73	cps
Calcium	43-1	2525	2284	2267	2359	6.13	cps
Calcium	44-1	48109	49388	46620	48039	2.88	cps
Chromium	52-2	1023	1033	973	1010	3.18	cps
Cobalt	59-2	53	50	57	53	6.25	cps
Copper	63-2	440	440	370	417	9.70	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	8	58	17	28	96.44	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	108	83	108	100	14.43	cps
Gadolinium	160-2	20	10	10	13	43.30	cps
Holmium	165-1	7391262	7450376	7407350	7416330	0.41	cps
Holmium	165-2	1973645	1949513	1973708	1965622	0.71	cps
Indium	115-1	6873052	6895099	6968987	6912379	0.73	cps
Indium	115-2	372250	365595	369117	368987	0.90	cps
Iron	56-2	2561	2545	2489	2532	1.49	cps
Iron	57-2	78	61	94	78	21.43	cps
Lead	206-1	506	406	506	472	12.23	cps
Lead	207-1	439	333	433	402	14.78	cps
Lead	208-1	1922	1667	1845	1811	7.23	cps
Lithium	6-1	623223	627319	628024	626188	0.41	cps
Magnesium	24-2	158	167	133	153	11.36	cps
Manganese	55-2	70	60	63	64	7.90	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:01:52	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	208	233	317	253	22.44	cps
Molybdenum	95-1	67	92	117	92	27.27	cps
Molybdenum	96-1	242	217	267	242	10.35	cps
Molybdenum	97-1	150	175	167	164	7.77	cps
Molybdenum	98-1	75	125	150	117	32.74	cps
Neodymium	150-1	40	20	40	33	34.64	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	187	167	180	178	5.73	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	3609	3859	3517	3662	4.83	cps
Rhodium	103-1	6492102	6576968	6497725	6522265	0.73	cps
Rhodium	103-2	1886143	1852833	1867591	1868855	0.89	cps
Scandium	45-1	3903382	3899444	3942853	3915226	0.61	cps
Scandium	45-2	37701	37718	37914	37778	0.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	6	6	5	21.74	cps
Selenium	82-1	-131	-59	-75	-88	-42.62	cps
Silicon	28-1	468140	464827	463522	465496	0.51	cps
Silver	109-1	75	33	58	56	37.75	cps
Silver	107-1	196	158	138	164	18.04	cps
Sodium	23-2	3984	3967	4051	4001	1.10	cps
Strontium	86-1	1100	950	983	1011	7.79	cps
Strontium	88-1	283	283	342	303	11.12	cps
Sulfur	34-1	385090	386441	388433	386655	0.43	cps
Terbium	159-1	7880707	7840396	7750230	7823778	0.85	cps
Terbium	159-2	1912156	1874565	1904804	1897175	1.05	cps
Thallium	203-1	142	58	83	94	45.28	cps
Thallium	205-1	308	200	200	236	26.49	cps
Tin	118-1	1525	1559	1692	1592	5.54	cps
Titanium	47-1	133	125	175	144	18.54	cps
Uranium	238-1	133	117	183	144	24.02	cps
Vanadium	51-2	20	10	23	18	39.03	cps
Yttrium	89-1	7423323	7333143	7449746	7402071	0.83	cps
Yttrium	89-2	274343	270217	272258	272272	0.76	cps
Zinc	66-2	33	80	63	59	40.16	cps
Zirconium	90-1	458	325	483	422	20.16	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:01:52	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	108	92	97	9.90	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 12:12:07 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	200	158	167	18.03	cps
Antimony	121-1	18180	17562	18371	18038	2.34	cps
Arsenic	75-2	150	119	124	131	12.84	cps
Barium	135-1	18246	18522	18247	18338	0.87	cps
Barium	137-1	31814	32115	31196	31708	1.48	cps
Beryllium	9-1	1161	1050	1178	1130	6.15	cps
Bismuth	209-1	4460819	4458332	4357901	4425684	1.33	cps
Bismuth	209-2	1520378	1498952	1511770	1510366	0.71	cps
Boron	10-1	2784	2984	3226	2998	7.38	cps
Boron	11-1	13599	13824	14483	13968	3.29	cps
Cadmium	111-1	3530	3317	3117	3321	6.23	cps
Cadmium	106-1	2234	1984	1917	2045	8.17	cps
Cadmium	108-1	167	150	179	165	8.85	cps
Calcium	43-1	11697	12056	12039	11931	1.70	cps
Calcium	44-1	205416	203550	205525	204830	0.54	cps
Chromium	52-2	3084	3004	2964	3017	2.03	cps
Cobalt	59-2	2140	1920	2257	2106	8.12	cps
Copper	63-2	4558	4794	4754	4702	2.69	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	75	42	53	36.46	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	67	42	75	61	28.38	cps
Gadolinium	160-2	10	3	10	8	49.52	cps
Holmium	165-1	7646593	7588522	7612073	7615729	0.38	cps
Holmium	165-2	2025755	2006499	2004163	2012139	0.59	cps
Indium	115-1	6988694	7037770	6993000	7006488	0.39	cps
Indium	115-2	381639	379123	378704	379822	0.42	cps
Iron	56-2	35947	35874	35345	35722	0.92	cps
Iron	57-2	989	911	900	933	5.19	cps
Lead	206-1	6441	5985	5929	6118	4.59	cps
Lead	207-1	5540	5474	5290	5435	2.38	cps
Lead	208-1	25099	24382	24204	24562	1.93	cps
Lithium	6-1	643390	647936	646698	646008	0.36	cps
Magnesium	24-2	16268	16285	15835	16129	1.58	cps
Manganese	55-2	350	403	380	378	7.08	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:12:07	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16169	15935	15651	15918	1.63	cps
Molybdenum	95-1	19122	19339	19506	19323	1.00	cps
Molybdenum	96-1	21593	22136	21484	21738	1.60	cps
Molybdenum	97-1	12323	12348	11981	12217	1.68	cps
Molybdenum	98-1	31379	32490	30585	31485	3.04	cps
Neodymium	150-1	20	13	0	11	91.66	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	737	847	803	796	6.97	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	13991	14199	14508	14233	1.83	cps
Rhodium	103-1	6657536	6654901	6623204	6645214	0.29	cps
Rhodium	103-2	1930733	1940804	1934639	1935392	0.26	cps
Scandium	45-1	4069267	4068655	4102871	4080264	0.48	cps
Scandium	45-2	38720	40181	38399	39100	2.43	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	35	28	13	25	44.72	cps
Selenium	82-1	496	585	492	524	10.05	cps
Silicon	28-1	499123	495913	496826	497287	0.33	cps
Silver	109-1	13007	12306	12815	12709	2.85	cps
Silver	107-1	33093	31666	32763	32507	2.30	cps
Sodium	23-2	43860	42891	42439	43063	1.69	cps
Strontium	86-1	3709	3626	3434	3590	3.93	cps
Strontium	88-1	23104	24080	23245	23476	2.25	cps
Sulfur	34-1	395741	391608	389156	392168	0.85	cps
Terbium	159-1	7940637	8030491	7966768	7979299	0.58	cps
Terbium	159-2	1990017	1985169	1954270	1976486	0.98	cps
Thallium	203-1	6502	5960	5985	6149	4.97	cps
Thallium	205-1	13658	14092	14592	14114	3.31	cps
Tin	118-1	33192	32507	32983	32894	1.07	cps
Titanium	47-1	5235	4993	5176	5134	2.46	cps
Uranium	238-1	17455	16486	16795	16912	2.92	cps
Vanadium	51-2	3771	3727	3514	3671	3.74	cps
Yttrium	89-1	7626761	7654124	7564122	7615002	0.61	cps
Yttrium	89-2	279661	279649	275651	278320	0.83	cps
Zinc	66-2	393	407	403	401	1.73	cps
Zirconium	90-1	13841	13641	13732	13738	0.73	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:12:07	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3100	3059	2825	2995	4.95	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:15:37	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7819	7903	7602	7775	1.99	cps
Antimony	121-1	519701	521751	514921	518791	0.68	cps
Arsenic	75-2	6878	6755	6774	6802	0.97	cps
Barium	135-1	524615	526267	526683	525855	0.21	cps
Barium	137-1	897036	905952	909024	904004	0.69	cps
Beryllium	9-1	56394	56578	56946	56639	0.50	cps
Bismuth	209-1	4568616	4590490	4505590	4554898	0.97	cps
Bismuth	209-2	1543299	1536864	1529460	1536541	0.45	cps
Boron	10-1	6752	6243	6644	6546	4.09	cps
Boron	11-1	31101	30792	32379	31424	2.68	cps
Cadmium	111-1	116408	119418	118276	118034	1.29	cps
Cadmium	106-1	14033	13924	13707	13888	1.19	cps
Cadmium	108-1	8244	8482	8136	8287	2.14	cps
Calcium	43-1	111121	113095	110919	111712	1.08	cps
Calcium	44-1	1867747	1884344	1873858	1875316	0.45	cps
Chromium	52-2	55660	56460	55841	55987	0.75	cps
Cobalt	59-2	116498	114321	115231	115350	0.95	cps
Copper	63-2	201971	199382	199980	200444	0.68	cps
Dysprosium	156-1	33	50	8	31	68.64	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	42	33	36	13.33	cps
Erbium	164-2	0	10	10	7	86.60	cps
Gadolinium	160-1	67	108	75	83	26.46	cps
Gadolinium	160-2	3	10	13	9	57.30	cps
Holmium	165-1	7788410	7820959	7668909	7759426	1.03	cps
Holmium	165-2	2071019	2048073	2025677	2048256	1.11	cps
Indium	115-1	7149003	7205779	6956792	7103858	1.84	cps
Indium	115-2	380651	379404	378616	379557	0.27	cps
Iron	56-2	1927032	1910723	1910719	1916158	0.49	cps
Iron	57-2	48451	47609	48033	48031	0.88	cps
Lead	206-1	259602	264413	263863	262626	1.00	cps
Lead	207-1	236781	238728	238707	238072	0.47	cps
Lead	208-1	1062246	1071444	1072919	1068870	0.54	cps
Lithium	6-1	647189	646877	644960	646342	0.19	cps
Magnesium	24-2	184541	185485	183957	184661	0.42	cps
Manganese	55-2	32501	31770	32381	32217	1.22	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:15:37	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	418567	419261	412860	416896	0.84	cps
Molybdenum	95-1	222353	222419	223335	222702	0.25	cps
Molybdenum	96-1	287107	286442	288474	287341	0.36	cps
Molybdenum	97-1	139133	139410	137372	138638	0.80	cps
Molybdenum	98-1	356853	360376	358434	358554	0.49	cps
Neodymium	150-1	40	33	13	29	48.05	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	34175	34339	33811	34109	0.79	cps
Phosphorus	31-2	667	517	567	583	13.09	cps
Potassium	39-2	63662	63477	64440	63859	0.80	cps
Rhodium	103-1	6652431	6696116	6576367	6641638	0.91	cps
Rhodium	103-2	1935423	1918791	1920145	1924786	0.48	cps
Scandium	45-1	4142973	4173664	4088812	4135150	1.04	cps
Scandium	45-2	39516	39539	39449	39501	0.12	cps
Selenium	77-2	70	67	73	70	4.76	cps
Selenium	78-2	178	180	193	183	4.40	cps
Selenium	82-1	7315	7275	7084	7225	1.71	cps
Silicon	28-1	694051	700761	694134	696315	0.55	cps
Silver	109-1	538724	541438	533982	538048	0.70	cps
Silver	107-1	1370147	1379634	1364646	1371475	0.55	cps
Sodium	23-2	452946	446664	448092	449234	0.73	cps
Strontium	86-1	148003	144651	147952	146869	1.31	cps
Strontium	88-1	1283656	1274604	1269749	1276003	0.55	cps
Sulfur	34-1	427708	429303	429966	428992	0.27	cps
Terbium	159-1	8149807	8157981	8101473	8136420	0.38	cps
Terbium	159-2	1997330	1971597	1981515	1983481	0.65	cps
Thallium	203-1	324012	326812	323292	324705	0.57	cps
Thallium	205-1	768359	786422	776070	776950	1.17	cps
Tin	118-1	361483	364792	360727	362334	0.60	cps
Titanium	47-1	58406	58841	58481	58576	0.40	cps
Uranium	238-1	969506	975087	964910	969835	0.53	cps
Vanadium	51-2	40432	40060	41324	40605	1.60	cps
Yttrium	89-1	7683008	7636691	7614639	7644779	0.46	cps
Yttrium	89-2	281350	280887	278940	280392	0.46	cps
Zinc	66-2	19103	18412	18706	18741	1.85	cps
Zirconium	90-1	804815	789354	800327	798166	1.00	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:15:37	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	173990	175847	177314	175717	0.95	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 12:19:06 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18763	18104	18546	18471	1.82	cps
Antimony	121-1	1317553	1310176	1307031	1311587	0.41	cps
Arsenic	75-2	17622	17424	17189	17412	1.25	cps
Barium	135-1	1329516	1315941	1328633	1324697	0.57	cps
Barium	137-1	2296823	2315862	2291515	2301400	0.56	cps
Beryllium	9-1	141533	141068	141572	141391	0.20	cps
Bismuth	209-1	4550075	4545588	4567819	4554494	0.26	cps
Bismuth	209-2	1509300	1474159	1543753	1509071	2.31	cps
Boron	10-1	15951	16894	16385	16410	2.88	cps
Boron	11-1	77869	78749	77107	77908	1.05	cps
Cadmium	111-1	293340	292316	293996	293217	0.29	cps
Cadmium	106-1	32565	32190	32256	32337	0.62	cps
Cadmium	108-1	20311	21017	20295	20541	2.01	cps
Calcium	43-1	276497	279336	274837	276890	0.82	cps
Calcium	44-1	4519435	4529132	4509965	4519511	0.21	cps
Chromium	52-2	140035	139244	139056	139445	0.37	cps
Cobalt	59-2	289061	287008	286791	287620	0.44	cps
Copper	63-2	501482	501311	498924	500572	0.29	cps
Dysprosium	156-1	0	42	33	25	88.19	cps
Dysprosium	156-2	7	7	13	9	43.25	cps
Erbium	164-1	25	67	42	44	47.19	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	92	92	83	89	5.41	cps
Gadolinium	160-2	13	20	10	14	35.26	cps
Holmium	165-1	7784532	7750618	7802388	7779179	0.34	cps
Holmium	165-2	2009067	1984290	2058767	2017375	1.88	cps
Indium	115-1	7008659	6981555	7022203	7004139	0.30	cps
Indium	115-2	369022	361855	374406	368428	1.71	cps
Iron	56-2	4773509	4704261	4703392	4727054	0.85	cps
Iron	57-2	121385	118213	119200	119599	1.36	cps
Lead	206-1	663010	664735	668170	665305	0.39	cps
Lead	207-1	603449	598631	606503	602861	0.66	cps
Lead	208-1	2706273	2695346	2712647	2704755	0.32	cps
Lithium	6-1	642197	641456	645819	643157	0.36	cps
Magnesium	24-2	459410	461040	455628	458693	0.61	cps
Manganese	55-2	81107	80792	80507	80802	0.37	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:19:06	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1056652	1050630	1054254	1053845	0.29	cps
Molybdenum	95-1	567190	565376	561254	564607	0.54	cps
Molybdenum	96-1	722194	724919	723016	723376	0.19	cps
Molybdenum	97-1	350127	349138	357268	352178	1.26	cps
Molybdenum	98-1	904479	895024	904603	901369	0.61	cps
Neodymium	150-1	40	47	127	71	67.82	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	85208	85675	84052	84978	0.98	cps
Phosphorus	31-2	1358	1508	1417	1428	5.30	cps
Potassium	39-2	155214	153426	153586	154076	0.64	cps
Rhodium	103-1	6545002	6571624	6613521	6576715	0.53	cps
Rhodium	103-2	1888977	1844413	1913007	1882133	1.85	cps
Scandium	45-1	4084973	4061248	4045329	4063850	0.49	cps
Scandium	45-2	38399	36648	39395	38148	3.65	cps
Selenium	77-2	87	160	173	140	33.33	cps
Selenium	78-2	422	481	444	449	6.66	cps
Selenium	82-1	18118	18306	18255	18227	0.53	cps
Silicon	28-1	917774	917695	925287	920252	0.47	cps
Silver	109-1	1344433	1335552	1340126	1340037	0.33	cps
Silver	107-1	3423834	3413266	3426127	3421076	0.20	cps
Sodium	23-2	1137975	1136034	1143647	1139218	0.35	cps
Strontium	86-1	373805	368945	372409	371719	0.67	cps
Strontium	88-1	3224530	3228256	3215344	3222710	0.21	cps
Sulfur	34-1	480215	482068	479591	480625	0.27	cps
Terbium	159-1	8157219	8215609	8156816	8176548	0.41	cps
Terbium	159-2	1927435	1912153	1985754	1941781	2.00	cps
Thallium	203-1	829342	831060	827354	829252	0.22	cps
Thallium	205-1	1985575	1992390	1994260	1990742	0.23	cps
Tin	118-1	908002	905103	910805	907970	0.31	cps
Titanium	47-1	143848	144403	146263	144838	0.87	cps
Uranium	238-1	2511257	2529776	2538857	2526630	0.56	cps
Vanadium	51-2	100413	102690	101320	101474	1.13	cps
Yttrium	89-1	7626566	7532753	7606346	7588555	0.65	cps
Yttrium	89-2	272400	266957	279451	272936	2.30	cps
Zinc	66-2	47000	47628	46458	47028	1.25	cps
Zirconium	90-1	2048807	2038375	2016133	2034438	0.82	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:19:06	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	447313	441502	448267	445694	0.82	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 12:22:30 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	36598	36147	35829	36192	1.07	cps
Antimony	121-1	2672919	2681162	2628780	2660954	1.06	cps
Arsenic	75-2	33426	33323	33836	33528	0.81	cps
Barium	135-1	2669523	2699326	2644761	2671203	1.02	cps
Barium	137-1	4590545	4611006	4562736	4588096	0.53	cps
Beryllium	9-1	278466	278467	273235	276723	1.09	cps
Bismuth	209-1	4704106	4616053	4605366	4641842	1.17	cps
Bismuth	209-2	1495506	1516523	1526858	1512962	1.06	cps
Boron	10-1	32187	32212	31719	32039	0.87	cps
Boron	11-1	152056	154297	152670	153008	0.76	cps
Cadmium	111-1	583559	582752	575403	580571	0.77	cps
Cadmium	106-1	61055	60336	61089	60827	0.70	cps
Cadmium	108-1	40365	40540	39675	40193	1.14	cps
Calcium	43-1	542428	545393	543003	543608	0.29	cps
Calcium	44-1	8768792	8904511	8741696	8805000	0.99	cps
Chromium	52-2	261892	265213	269479	265528	1.43	cps
Cobalt	59-2	550074	559342	555653	555023	0.84	cps
Copper	63-2	949410	959837	965860	958369	0.87	cps
Dysprosium	156-1	42	92	50	61	43.83	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	50	42	50	47	10.18	cps
Erbium	164-2	3	3	13	7	86.65	cps
Gadolinium	160-1	92	133	117	114	18.41	cps
Gadolinium	160-2	3	20	10	11	75.52	cps
Holmium	165-1	7910334	7930689	7884228	7908417	0.29	cps
Holmium	165-2	1989394	1993288	2032794	2005158	1.20	cps
Indium	115-1	7099907	7067242	7053415	7073521	0.34	cps
Indium	115-2	359447	367319	366801	364522	1.21	cps
Iron	56-2	8988988	9090356	9114835	9064726	0.74	cps
Iron	57-2	224992	229888	228019	227633	1.09	cps
Lead	206-1	1347440	1335786	1334144	1339123	0.54	cps
Lead	207-1	1214225	1204031	1220346	1212868	0.68	cps
Lead	208-1	5520006	5463641	5521266	5501638	0.60	cps
Lithium	6-1	635077	637618	630347	634347	0.58	cps
Magnesium	24-2	878802	898731	894257	890597	1.17	cps
Manganese	55-2	152188	155632	155255	154358	1.22	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:22:30	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2122087	2108839	2099326	2110084	0.54	cps
Molybdenum	95-1	1117515	1121943	1102401	1113953	0.92	cps
Molybdenum	96-1	1456859	1434031	1431311	1440734	0.97	cps
Molybdenum	97-1	698440	697363	684779	693527	1.10	cps
Molybdenum	98-1	1820307	1831485	1793070	1814954	1.09	cps
Neodymium	150-1	153	93	120	122	24.59	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	160448	163601	165149	163066	1.47	cps
Phosphorus	31-2	2517	2667	2917	2700	7.48	cps
Potassium	39-2	288210	290018	289477	289235	0.32	cps
Rhodium	103-1	6600902	6576605	6484544	6554017	0.94	cps
Rhodium	103-2	1860675	1868299	1878839	1869271	0.49	cps
Scandium	45-1	4072486	4096925	4038381	4069264	0.72	cps
Scandium	45-2	37410	38677	37366	37818	1.97	cps
Selenium	77-2	263	323	323	303	11.42	cps
Selenium	78-2	896	882	878	885	1.11	cps
Selenium	82-1	35843	35951	35192	35662	1.15	cps
Silicon	28-1	1369480	1377169	1373286	1373312	0.28	cps
Silver	109-1	2726052	2700721	2674410	2700395	0.96	cps
Silver	107-1	6948454	6869484	6793581	6870507	1.13	cps
Sodium	23-2	2186171	2225481	2184571	2198741	1.05	cps
Strontium	86-1	731446	735176	724578	730400	0.74	cps
Strontium	88-1	6320105	6363199	6218519	6300608	1.18	cps
Sulfur	34-1	556947	548861	538044	547951	1.73	cps
Terbium	159-1	8223989	8415920	8182414	8274108	1.51	cps
Terbium	159-2	1954930	1954975	1964337	1958081	0.28	cps
Thallium	203-1	1704564	1672871	1681384	1686273	0.97	cps
Thallium	205-1	4035211	4018730	3988250	4014064	0.59	cps
Tin	118-1	1856688	1868769	1833828	1853095	0.96	cps
Titanium	47-1	286543	288199	285540	286761	0.47	cps
Uranium	238-1	5061111	5028385	5008261	5032586	0.53	cps
Vanadium	51-2	193637	196845	198573	196352	1.28	cps
Yttrium	89-1	7652000	7668128	7534098	7618075	0.96	cps
Yttrium	89-2	268048	272982	273103	271378	1.06	cps
Zinc	66-2	88993	91378	90446	90272	1.33	cps
Zirconium	90-1	4049180	3998859	3968491	4005510	1.02	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:22:30	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	892012	881200	879230	884147	0.78	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 12:25:48 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70065	70568	69815	70149	0.55	cps
Antimony	121-1	5206223	5233395	5207226	5215615	0.30	cps
Arsenic	75-2	65216	63828	63945	64329	1.20	cps
Barium	135-1	5300765	5371370	5244764	5305633	1.20	cps
Barium	137-1	9020121	9118381	8981281	9039928	0.78	cps
Beryllium	9-1	542107	536670	536813	538530	0.58	cps
Bismuth	209-1	4418142	4786281	4669499	4624641	4.07	cps
Bismuth	209-2	1496254	1484314	1494363	1491643	0.43	cps
Boron	10-1	63768	65367	63959	64365	1.36	cps
Boron	11-1	296674	300449	301881	299668	0.90	cps
Cadmium	111-1	1146509	1138380	1129498	1138129	0.75	cps
Cadmium	106-1	118955	118004	118836	118598	0.44	cps
Cadmium	108-1	79931	79168	79315	79471	0.51	cps
Calcium	43-1	1065169	1058894	1050435	1058166	0.70	cps
Calcium	44-1	17252534	16995662	16996821	17081672	0.87	cps
Chromium	52-2	513057	510520	508844	510807	0.42	cps
Cobalt	59-2	1072991	1065855	1070944	1069930	0.34	cps
Copper	63-2	1871462	1850872	1873168	1865168	0.67	cps
Dysprosium	156-1	108	83	100	97	13.09	cps
Dysprosium	156-2	20	23	17	20	16.65	cps
Erbium	164-1	33	92	50	58	51.50	cps
Erbium	164-2	23	0	7	10	120.16	cps
Gadolinium	160-1	117	100	108	108	7.69	cps
Gadolinium	160-2	30	20	33	28	24.98	cps
Holmium	165-1	7363620	8022950	8015438	7800669	4.85	cps
Holmium	165-2	1999641	1993150	1984269	1992353	0.39	cps
Indium	115-1	6458657	6894093	6829196	6727315	3.49	cps
Indium	115-2	347568	344571	348329	346823	0.57	cps
Iron	56-2	17540823	17549981	17325132	17471979	0.73	cps
Iron	57-2	440263	439736	436251	438750	0.50	cps
Lead	206-1	2815549	2803277	2774628	2797818	0.75	cps
Lead	207-1	2534526	2566609	2550954	2550697	0.63	cps
Lead	208-1	11359985	11367877	11269350	11332404	0.48	cps
Lithium	6-1	582937	624213	620615	609255	3.75	cps
Magnesium	24-2	1771123	1778738	1794187	1781349	0.66	cps
Manganese	55-2	296021	292847	294081	294316	0.54	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:25:48	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4173612	4158222	4104902	4145578	0.87	cps
Molybdenum	95-1	2266324	2256444	2238838	2253869	0.62	cps
Molybdenum	96-1	2908200	2858363	2850199	2872254	1.09	cps
Molybdenum	97-1	1367603	1372758	1362974	1367778	0.36	cps
Molybdenum	98-1	3590538	3562903	3568976	3574139	0.41	cps
Neodymium	150-1	200	213	160	191	14.52	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	314530	314958	315207	314898	0.11	cps
Phosphorus	31-2	5510	5493	5418	5474	0.89	cps
Potassium	39-2	550270	548644	549659	549525	0.15	cps
Rhodium	103-1	5972924	6444621	6352208	6256584	4.00	cps
Rhodium	103-2	1808875	1800645	1816541	1808687	0.44	cps
Scandium	45-1	3670255	3924682	3883050	3825996	3.57	cps
Scandium	45-2	37286	36330	37611	37076	1.79	cps
Selenium	77-2	510	510	453	491	6.66	cps
Selenium	78-2	1558	1633	1691	1627	4.11	cps
Selenium	82-1	69727	70096	69288	69704	0.58	cps
Silicon	28-1	2221972	2225599	2206442	2218004	0.46	cps
Silver	109-1	5304367	5247215	5231554	5261045	0.73	cps
Silver	107-1	13458382	13361046	13281379	13366935	0.66	cps
Sodium	23-2	4206163	4224068	4174522	4201584	0.60	cps
Strontium	86-1	1466786	1455020	1442300	1454702	0.84	cps
Strontium	88-1	12244419	12448245	12282023	12324896	0.88	cps
Sulfur	34-1	691703	691785	678228	687239	1.14	cps
Terbium	159-1	7742002	8323769	8324771	8130181	4.13	cps
Terbium	159-2	1918839	1913840	1894795	1909158	0.66	cps
Thallium	203-1	3470792	3521395	3467912	3486700	0.86	cps
Thallium	205-1	8083788	8082782	8096266	8087612	0.09	cps
Tin	118-1	3649703	3639657	3595146	3628169	0.80	cps
Titanium	47-1	553688	555900	549643	553077	0.57	cps
Uranium	238-1	10343701	10514531	10220847	10359693	1.42	cps
Vanadium	51-2	381460	379207	379277	379981	0.34	cps
Yttrium	89-1	6871689	7490403	7373290	7245127	4.54	cps
Yttrium	89-2	263553	259221	260788	261187	0.84	cps
Zinc	66-2	172666	172852	170338	171952	0.81	cps
Zirconium	90-1	7860804	7861458	7758476	7826913	0.76	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:25:48	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1796363	1774385	1748080	1772943	1.36	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:29:01	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133952	137670	139622	137081	2.10	cps
Antimony	121-1	10182295	10134146	10144544	10153662	0.25	cps
Arsenic	75-2	123242	123204	122179	122875	0.49	cps
Barium	135-1	10430177	10288882	10350542	10356533	0.68	cps
Barium	137-1	17866055	17849864	17897943	17871287	0.14	cps
Beryllium	9-1	1073988	1060525	1030634	1055049	2.10	cps
Bismuth	209-1	4778867	4794957	4778225	4784016	0.20	cps
Bismuth	209-2	1445990	1442457	1428792	1439080	0.63	cps
Boron	10-1	125883	125931	126495	126103	0.27	cps
Boron	11-1	589657	599697	603586	597647	1.20	cps
Cadmium	111-1	2248566	2255412	2238880	2247619	0.37	cps
Cadmium	106-1	227226	227032	227547	227268	0.11	cps
Cadmium	108-1	153865	153208	154670	153914	0.48	cps
Calcium	43-1	2038848	1999644	2060665	2033052	1.52	cps
Calcium	44-1	32912529	32852519	32575602	32780217	0.55	cps
Chromium	52-2	982056	973282	979752	978363	0.46	cps
Cobalt	59-2	2061225	2089265	2057570	2069353	0.84	cps
Copper	63-2	3518686	3559433	3533518	3537212	0.58	cps
Dysprosium	156-1	192	133	133	153	22.05	cps
Dysprosium	156-2	27	17	17	20	28.86	cps
Erbium	164-1	92	83	75	83	10.00	cps
Erbium	164-2	13	23	10	16	44.60	cps
Gadolinium	160-1	200	192	142	178	17.75	cps
Gadolinium	160-2	47	33	43	41	16.89	cps
Holmium	165-1	7996415	7987669	8081230	8021771	0.64	cps
Holmium	165-2	1940089	1945844	1920853	1935595	0.68	cps
Indium	115-1	6702091	6725950	6622015	6683352	0.81	cps
Indium	115-2	322724	325344	319141	322403	0.97	cps
Iron	56-2	33251719	33633541	33253655	33379638	0.66	cps
Iron	57-2	845430	846580	843982	845331	0.15	cps
Lead	206-1	5516231	5585568	5552262	5551354	0.62	cps
Lead	207-1	5089355	5157591	5075558	5107501	0.86	cps
Lead	208-1	22514174	22642107	22461432	22539238	0.41	cps
Lithium	6-1	617528	608335	606650	610837	0.96	cps
Magnesium	24-2	3429067	3407630	3431434	3422710	0.38	cps
Manganese	55-2	559715	560913	561673	560767	0.18	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:29:01	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7931624	8042587	8021214	7998475	0.74	cps
Molybdenum	95-1	4337126	4337760	4312049	4328979	0.34	cps
Molybdenum	96-1	5524038	5499061	5541996	5521698	0.39	cps
Molybdenum	97-1	2668327	2689293	2684172	2680597	0.41	cps
Molybdenum	98-1	6874752	6909681	6846248	6876894	0.46	cps
Neodymium	150-1	467	367	407	413	12.18	cps
Neodymium	150-2	3	7	20	10	88.20	cps
Nickel	60-2	594879	596666	593931	595159	0.23	cps
Phosphorus	31-2	10696	10296	10921	10638	2.98	cps
Potassium	39-2	1034237	1035113	1045860	1038403	0.62	cps
Rhodium	103-1	6225225	6199368	6102242	6175612	1.05	cps
Rhodium	103-2	1722248	1732943	1726033	1727075	0.31	cps
Scandium	45-1	3797086	3767135	3720661	3761627	1.02	cps
Scandium	45-2	35291	36193	35662	35716	1.27	cps
Selenium	77-2	1013	877	887	926	8.23	cps
Selenium	78-2	2952	3074	3039	3022	2.08	cps
Selenium	82-1	132976	133421	133000	133132	0.19	cps
Silicon	28-1	3677725	3686971	3667637	3677444	0.26	cps
Silver	109-1	9986899	10113085	10053145	10051043	0.63	cps
Silver	107-1	25426241	25663792	25592041	25560691	0.48	cps
Sodium	23-2	8230569	8118927	8247186	8198894	0.85	cps
Strontium	86-1	2783996	2810444	2773475	2789305	0.68	cps
Strontium	88-1	23905807	23865765	23599909	23790494	0.70	cps
Sulfur	34-1	963535	960566	953339	959146	0.55	cps
Terbium	159-1	8373300	8338604	8347321	8353075	0.22	cps
Terbium	159-2	1867457	1853019	1846079	1855518	0.59	cps
Thallium	203-1	6823729	6933646	6927628	6895001	0.90	cps
Thallium	205-1	16016536	16421423	16372706	16270222	1.36	cps
Tin	118-1	7059132	7053815	6981173	7031373	0.62	cps
Titanium	47-1	1068965	1066135	1063314	1066138	0.27	cps
Uranium	238-1	21420466	21197325	21212243	21276678	0.59	cps
Vanadium	51-2	726106	729846	736524	730825	0.72	cps
Yttrium	89-1	7221058	7212171	7100710	7177979	0.93	cps
Yttrium	89-2	248759	250590	243315	247555	1.53	cps
Zinc	66-2	325773	326773	325853	326133	0.17	cps
Zirconium	90-1	15187751	15153572	15127421	15156248	0.20	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:29:01	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3459017	3442052	3407854	3436307	0.76	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:32:10	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	696048	703047	696403	698499	0.56	cps
Antimony	121-1	21911	21218	20951	21360	2.32	cps
Arsenic	75-2	43	26	57	42	37.52	cps
Barium	135-1	3534	3642	3226	3467	6.24	cps
Barium	137-1	6335	6602	6052	6330	4.35	cps
Beryllium	9-1	328	394	294	339	15.03	cps
Bismuth	209-1	4547968	4344274	4548563	4480269	2.63	cps
Bismuth	209-2	1398843	1400149	1390110	1396367	0.39	cps
Boron	10-1	5410	5726	4718	5285	9.76	cps
Boron	11-1	25423	23712	23211	24116	4.81	cps
Cadmium	111-1	1605	1564	1538	1569	2.17	cps
Cadmium	106-1	1692	1767	1725	1728	2.17	cps
Cadmium	108-1	42	21	17	26	50.76	cps
Calcium	43-1	9942848	9896029	10011526	9950135	0.58	cps
Calcium	44-1	161463962	161844358	162709645	162005988	0.39	cps
Chromium	52-2	4454	4634	4421	4503	2.55	cps
Cobalt	59-2	2530	2257	2394	2394	5.71	cps
Copper	63-2	5795	5788	5788	5790	0.07	cps
Dysprosium	156-1	67	83	108	86	24.35	cps
Dysprosium	156-2	10	20	20	17	34.64	cps
Erbium	164-1	50	67	58	58	14.29	cps
Erbium	164-2	3	3	20	9	108.30	cps
Gadolinium	160-1	83	125	42	83	50.00	cps
Gadolinium	160-2	43	13	27	28	54.11	cps
Holmium	165-1	7955957	7698011	7966752	7873573	1.93	cps
Holmium	165-2	1964727	1971348	1956183	1964086	0.39	cps
Indium	115-1	6478901	6301629	6557984	6446171	2.04	cps
Indium	115-2	330910	333821	331470	332067	0.47	cps
Iron	56-2	162902081	163449526	162337315	162896307	0.34	cps
Iron	57-2	4050289	4072924	4206243	4109819	2.05	cps
Lead	206-1	10521	10766	10510	10599	1.36	cps
Lead	207-1	9615	8948	9409	9324	3.66	cps
Lead	208-1	42874	41850	42830	42518	1.36	cps
Lithium	6-1	575187	554893	575819	568633	2.09	cps
Magnesium	24-2	16625459	16910146	16589523	16708376	1.05	cps
Manganese	55-2	1503	1403	1543	1483	4.86	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:32:10	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3801	4026	3842	3890	3.08	cps
Molybdenum	95-1	4226	4251	4618	4365	5.03	cps
Molybdenum	96-1	6952	7311	7344	7202	3.02	cps
Molybdenum	97-1	2642	2917	2650	2737	5.72	cps
Molybdenum	98-1	7386	6385	6644	6805	7.63	cps
Neodymium	150-1	80	73	140	98	37.55	cps
Neodymium	150-2	17	10	13	13	25.01	cps
Nickel	60-2	1640	1717	1573	1643	4.36	cps
Phosphorus	31-2	17	25	8	17	50.01	cps
Potassium	39-2	5042978	5221665	5198278	5154307	1.88	cps
Rhodium	103-1	5915918	5695199	5866270	5825796	1.99	cps
Rhodium	103-2	1682310	1681880	1680319	1681503	0.06	cps
Scandium	45-1	3658261	3526095	3692808	3625721	2.43	cps
Scandium	45-2	34823	35148	35595	35189	1.10	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	9	4	13	9	53.95	cps
Selenium	82-1	25	-1	8	11	126.66	cps
Silicon	28-1	460121	454632	456853	457202	0.60	cps
Silver	109-1	1125	1083	992	1067	6.39	cps
Silver	107-1	2896	2750	2288	2645	12.01	cps
Sodium	23-2	40218759	40610260	40138663	40322561	0.63	cps
Strontium	86-1	92312	92102	92520	92311	0.23	cps
Strontium	88-1	796027	801091	801913	799677	0.40	cps
Sulfur	34-1	368227	373734	369565	370509	0.78	cps
Terbium	159-1	8191208	7999321	8266065	8152198	1.69	cps
Terbium	159-2	1889828	1887772	1883495	1887032	0.17	cps
Thallium	203-1	2175	2034	2017	2075	4.19	cps
Thallium	205-1	5393	5435	4993	5274	4.63	cps
Tin	118-1	6343	5943	5368	5885	8.33	cps
Titanium	47-1	675	1017	842	845	20.23	cps
Uranium	238-1	1675	1792	1534	1667	7.76	cps
Vanadium	51-2	220	240	220	227	5.09	cps
Yttrium	89-1	7014985	6811164	7012929	6946360	1.69	cps
Yttrium	89-2	250732	253628	254205	252855	0.74	cps
Zinc	66-2	1697	1623	1703	1675	2.65	cps
Zirconium	90-1	3142	3042	3201	3128	2.56	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:32:10	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	633	867	558	686	23.44	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 12:35:32 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3467	3726	3376	3523	5.15	cps
Antimony	121-1	2057178	2039107	2035103	2043796	0.58	cps
Arsenic	75-2	26017	25696	25455	25723	1.10	cps
Barium	135-1	208103	208533	206918	207851	0.40	cps
Barium	137-1	358918	359568	356508	358331	0.45	cps
Beryllium	9-1	105378	103609	104325	104437	0.85	cps
Bismuth	209-1	4842893	4859888	4882333	4861705	0.41	cps
Bismuth	209-2	1527872	1537778	1528499	1531383	0.36	cps
Boron	10-1	71226	70607	72726	71520	1.52	cps
Boron	11-1	332869	333394	338953	335072	1.01	cps
Cadmium	111-1	231508	232312	230849	231556	0.32	cps
Cadmium	106-1	37152	36726	36893	36924	0.58	cps
Cadmium	108-1	21046	20775	20887	20903	0.65	cps
Calcium	43-1	48359	48133	47481	47991	0.95	cps
Calcium	44-1	774175	773621	769610	772468	0.32	cps
Chromium	52-2	100709	100957	101203	100956	0.24	cps
Cobalt	59-2	219014	218871	217236	218374	0.45	cps
Copper	63-2	190863	187608	187594	188688	1.00	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	83	108	133	108	23.08	cps
Erbium	164-2	23	27	17	22	22.91	cps
Gadolinium	160-1	83	50	158	97	57.07	cps
Gadolinium	160-2	7	13	13	11	34.61	cps
Holmium	165-1	7948060	8019227	8062185	8009824	0.72	cps
Holmium	165-2	2001713	2020326	1988063	2003368	0.81	cps
Indium	115-1	7103814	7006432	6929327	7013191	1.25	cps
Indium	115-2	356649	357061	352701	355470	0.68	cps
Iron	56-2	702008	703243	700790	702014	0.17	cps
Iron	57-2	18073	17350	18173	17866	2.51	cps
Lead	206-1	1106690	1112550	1111605	1110281	0.28	cps
Lead	207-1	967828	975197	970482	971169	0.38	cps
Lead	208-1	4493256	4501372	4512699	4502442	0.22	cps
Lithium	6-1	626083	629593	630018	628565	0.34	cps
Magnesium	24-2	43041	42674	42640	42785	0.52	cps
Manganese	55-2	29572	30116	29541	29743	1.09	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:35:32	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4094143	4047403	4116760	4086102	0.87	cps
Molybdenum	95-1	2252552	2240691	2266997	2253413	0.58	cps
Molybdenum	96-1	2871468	2861333	2888222	2873674	0.47	cps
Molybdenum	97-1	1349902	1352640	1354864	1352469	0.18	cps
Molybdenum	98-1	3538858	3570736	3534585	3548060	0.56	cps
Neodymium	150-1	27	20	20	22	17.33	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	64914	65436	64010	64786	1.11	cps
Phosphorus	31-2	8	8	25	14	69.31	cps
Potassium	39-2	46971	47539	48802	47771	1.96	cps
Rhodium	103-1	6632185	6559315	6608157	6599886	0.56	cps
Rhodium	103-2	1880544	1884241	1862768	1875851	0.61	cps
Scandium	45-1	3965812	3946988	3961973	3958258	0.25	cps
Scandium	45-2	37256	37808	37751	37605	0.81	cps
Selenium	77-2	183	187	183	184	1.04	cps
Selenium	78-2	661	643	630	644	2.46	cps
Selenium	82-1	27122	27001	27362	27162	0.68	cps
Silicon	28-1	2080305	2062221	2061685	2068070	0.51	cps
Silver	109-1	1033195	1020730	1024742	1026222	0.62	cps
Silver	107-1	2628243	2603599	2601476	2611106	0.57	cps
Sodium	23-2	184244	182185	183551	183326	0.57	cps
Strontium	86-1	1437538	1431405	1405069	1424671	1.21	cps
Strontium	88-1	12240158	12186383	12272768	12233103	0.36	cps
Sulfur	34-1	381908	377040	376165	378371	0.82	cps
Terbium	159-1	8379852	8387068	8423767	8396896	0.28	cps
Terbium	159-2	1943155	1951000	1934151	1942769	0.43	cps
Thallium	203-1	1394418	1399820	1400193	1398143	0.23	cps
Thallium	205-1	3353409	3383093	3374408	3370303	0.45	cps
Tin	118-1	3695036	3675327	3686708	3685690	0.27	cps
Titanium	47-1	547913	552995	553378	551429	0.55	cps
Uranium	238-1	11264784	11287224	11383969	11311992	0.56	cps
Vanadium	51-2	75217	75539	75927	75561	0.47	cps
Yttrium	89-1	7482997	7435822	7402905	7440575	0.54	cps
Yttrium	89-2	264063	265996	261560	263873	0.84	cps
Zinc	66-2	35071	34764	35572	35136	1.16	cps
Zirconium	90-1	7627940	7635106	7688364	7650470	0.43	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:35:32	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1720916	1774869	1735930	1743905	1.60	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:38:36	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	42	17	33	43.30	cps
Antimony	121-1	1975	2042	1825	1947	5.70	cps
Arsenic	75-2	7	0	7	5	86.60	cps
Barium	135-1	50	50	58	53	9.12	cps
Barium	137-1	125	125	183	144	23.31	cps
Beryllium	9-1	200	172	189	187	7.48	cps
Bismuth	209-1	4868992	4840501	4835384	4848292	0.37	cps
Bismuth	209-2	1353672	1508146	1523555	1461791	6.43	cps
Boron	10-1	2534	2592	2734	2620	3.93	cps
Boron	11-1	13248	12539	12206	12664	4.20	cps
Cadmium	111-1	1333	1301	1318	1317	1.20	cps
Cadmium	106-1	1859	1834	1842	1845	0.69	cps
Cadmium	108-1	8	17	13	13	33.36	cps
Calcium	43-1	1942	2134	2100	2059	4.98	cps
Calcium	44-1	50024	48794	48485	49101	1.66	cps
Chromium	52-2	853	903	870	876	2.91	cps
Cobalt	59-2	40	53	73	56	30.20	cps
Copper	63-2	420	470	370	420	11.91	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	33	17	25	33.32	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	67	58	100	75	29.39	cps
Gadolinium	160-2	10	10	3	8	49.52	cps
Holmium	165-1	7851316	7899980	7867001	7872765	0.32	cps
Holmium	165-2	1805247	1983843	1990235	1926442	5.45	cps
Indium	115-1	7005801	7012977	6940921	6986566	0.57	cps
Indium	115-2	323279	360107	361720	348369	6.24	cps
Iron	56-2	2823	3150	3195	3056	6.65	cps
Iron	57-2	61	61	117	80	40.28	cps
Lead	206-1	1056	822	945	941	12.41	cps
Lead	207-1	895	961	928	928	3.59	cps
Lead	208-1	4034	3873	4023	3976	2.26	cps
Lithium	6-1	619100	628757	626491	624782	0.81	cps
Magnesium	24-2	183	200	208	197	6.45	cps
Manganese	55-2	63	47	83	64	28.49	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:38:36	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	492	425	542	486	12.04	cps
Molybdenum	95-1	392	333	300	342	13.58	cps
Molybdenum	96-1	525	450	492	489	7.69	cps
Molybdenum	97-1	375	350	267	331	17.16	cps
Molybdenum	98-1	650	425	575	550	20.83	cps
Neodymium	150-1	7	13	27	16	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	170	153	170	164	5.85	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	3959	3967	3751	3892	3.15	cps
Rhodium	103-1	6635306	6615185	6556546	6602346	0.62	cps
Rhodium	103-2	1716089	1861278	1899372	1825579	5.30	cps
Scandium	45-1	3900812	3896913	3909944	3902557	0.17	cps
Scandium	45-2	33310	36665	36631	35535	5.42	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-138	-80	-67	-95	-39.85	cps
Silicon	28-1	420786	430233	428226	426415	1.17	cps
Silver	109-1	233	225	167	208	17.44	cps
Silver	107-1	558	604	500	554	9.42	cps
Sodium	23-2	11030	11063	10471	10855	3.06	cps
Strontium	86-1	1008	1075	1025	1036	3.35	cps
Strontium	88-1	367	325	375	356	7.53	cps
Sulfur	34-1	371762	371650	375821	373077	0.64	cps
Terbium	159-1	8281813	8407888	8346179	8345293	0.76	cps
Terbium	159-2	1739302	1896705	1912634	1849547	5.18	cps
Thallium	203-1	700	642	592	644	8.41	cps
Thallium	205-1	1458	1517	1375	1450	4.91	cps
Tin	118-1	3259	2734	2809	2934	9.68	cps
Titanium	47-1	267	158	150	192	33.96	cps
Uranium	238-1	433	267	442	381	25.94	cps
Vanadium	51-2	10	10	23	14	53.28	cps
Yttrium	89-1	7380248	7369714	7484790	7411584	0.86	cps
Yttrium	89-2	236240	263364	265380	254995	6.38	cps
Zinc	66-2	53	93	70	72	27.83	cps
Zirconium	90-1	817	750	825	797	5.16	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:38:36	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	225	192	183	200	11.02	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:41:47	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	660809	665317	658786	661637	0.51	cps
Antimony	121-1	12198	12281	12765	12415	2.47	cps
Arsenic	75-2	44	63	54	54	17.23	cps
Barium	135-1	3067	3584	3509	3387	8.25	cps
Barium	137-1	5585	5476	5660	5574	1.65	cps
Beryllium	9-1	406	472	461	446	8.00	cps
Bismuth	209-1	4524488	4670606	4762896	4652663	2.58	cps
Bismuth	209-2	1463802	1457735	1448134	1456557	0.54	cps
Boron	10-1	2292	2267	2209	2256	1.90	cps
Boron	11-1	11413	10471	10971	10952	4.30	cps
Cadmium	111-1	1854	1820	1801	1825	1.47	cps
Cadmium	106-1	1659	1709	1767	1711	3.17	cps
Cadmium	108-1	1142	1079	1171	1131	4.14	cps
Calcium	43-1	2061668	2061116	2097996	2073593	1.02	cps
Calcium	44-1	32922040	33291077	33773038	33328718	1.28	cps
Chromium	52-2	20943	20919	21280	21047	0.96	cps
Cobalt	59-2	2460	2580	2420	2487	3.35	cps
Copper	63-2	14715	15042	14905	14887	1.10	cps
Dysprosium	156-1	42	25	33	33	25.01	cps
Dysprosium	156-2	10	13	3	9	57.30	cps
Erbium	164-1	67	42	67	58	24.74	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	108	100	142	117	18.89	cps
Gadolinium	160-2	23	23	17	21	18.21	cps
Holmium	165-1	7762800	8064730	8232750	8020093	2.97	cps
Holmium	165-2	2000868	2031202	2000110	2010727	0.88	cps
Indium	115-1	6656150	6992293	6955706	6868050	2.69	cps
Indium	115-2	352218	354321	350158	352232	0.59	cps
Iron	56-2	67668740	67907020	67706631	67760797	0.19	cps
Iron	57-2	1728265	1752470	1718460	1733065	1.01	cps
Lead	206-1	25554	26400	25777	25910	1.69	cps
Lead	207-1	20150	20600	20545	20432	1.20	cps
Lead	208-1	96996	98840	98368	98068	0.98	cps
Lithium	6-1	593237	628957	635591	619261	3.68	cps
Magnesium	24-2	3466692	3499933	3448105	3471576	0.76	cps
Manganese	55-2	2334	2394	2340	2356	1.40	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:41:47	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4756139	4797003	4861979	4805040	1.11	cps
Molybdenum	95-1	8266549	8404066	8453312	8374642	1.16	cps
Molybdenum	96-1	8768407	8864072	9012708	8881729	1.39	cps
Molybdenum	97-1	5121287	5184126	5222019	5175811	0.98	cps
Molybdenum	98-1	13282764	13433511	13534504	13416926	0.94	cps
Neodymium	150-1	60	20	27	36	60.27	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	3701	3744	3277	3574	7.22	cps
Phosphorus	31-2	53736	54430	53853	54007	0.69	cps
Potassium	39-2	2176054	2204053	2188596	2189568	0.64	cps
Rhodium	103-1	6104423	6402600	6445633	6317552	2.94	cps
Rhodium	103-2	1815057	1823117	1816356	1818177	0.24	cps
Scandium	45-1	3795421	3939717	3911617	3882252	1.97	cps
Scandium	45-2	36982	36601	36407	36663	0.80	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	11	0	4	5	114.60	cps
Selenium	82-1	-23	-3	48	7	496.59	cps
Silicon	28-1	548585	552258	550177	550340	0.33	cps
Silver	109-1	2084	2067	2225	2125	4.09	cps
Silver	107-1	5351	5576	5597	5508	2.48	cps
Sodium	23-2	8319941	8321004	8305660	8315535	0.10	cps
Strontium	86-1	93101	93378	95189	93889	1.21	cps
Strontium	88-1	806195	813390	814505	811363	0.56	cps
Sulfur	34-1	2644384	2632134	2693730	2656749	1.23	cps
Terbium	159-1	8213530	8523645	8556470	8431215	2.24	cps
Terbium	159-2	1931170	1932544	1908104	1923939	0.71	cps
Thallium	203-1	1067	1075	1125	1089	2.90	cps
Thallium	205-1	2392	2509	2700	2534	6.15	cps
Tin	118-1	3292	3184	3559	3345	5.77	cps
Titanium	47-1	2099162	2122749	2153541	2125151	1.28	cps
Uranium	238-1	558	517	608	561	8.18	cps
Vanadium	51-2	110	143	177	143	23.26	cps
Yttrium	89-1	7212190	7429976	7508606	7383591	2.08	cps
Yttrium	89-2	262337	264635	261869	262947	0.56	cps
Zinc	66-2	2080	2027	2010	2039	1.79	cps
Zirconium	90-1	3484	3184	3084	3251	6.41	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:41:47	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	783	808	725	772	5.54	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 12:44:51 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	658791	660892	660349	660011	0.17	cps
Antimony	121-1	217120	212904	213107	214377	1.11	cps
Arsenic	75-2	2563	2508	2474	2515	1.79	cps
Barium	135-1	45964	46206	45019	45730	1.37	cps
Barium	137-1	77183	79446	77829	78153	1.49	cps
Beryllium	9-1	22490	21667	21389	21849	2.62	cps
Bismuth	209-1	4253924	4700870	4695526	4550106	5.64	cps
Bismuth	209-2	1444721	1444412	1449535	1446223	0.20	cps
Boron	10-1	8786	8736	8928	8817	1.13	cps
Boron	11-1	43074	42689	41603	42455	1.80	cps
Cadmium	111-1	46290	46110	46641	46347	0.58	cps
Cadmium	106-1	6944	7211	6710	6955	3.60	cps
Cadmium	108-1	4301	4747	4342	4463	5.52	cps
Calcium	43-1	2099375	2082883	2063172	2081810	0.87	cps
Calcium	44-1	34017668	33553021	33254832	33608507	1.14	cps
Chromium	52-2	40215	41107	40525	40616	1.12	cps
Cobalt	59-2	45277	45304	45364	45315	0.10	cps
Copper	63-2	51358	51121	52295	51591	1.20	cps
Dysprosium	156-1	17	58	17	31	78.72	cps
Dysprosium	156-2	10	20	3	11	75.52	cps
Erbium	164-1	50	75	50	58	24.74	cps
Erbium	164-2	20	10	3	11	75.52	cps
Gadolinium	160-1	100	183	75	119	47.49	cps
Gadolinium	160-2	23	13	43	27	57.29	cps
Holmium	165-1	7354280	8287715	8090449	7910815	6.22	cps
Holmium	165-2	1990746	1986810	1993433	1990330	0.17	cps
Indium	115-1	6367426	6977115	6888202	6744248	4.88	cps
Indium	115-2	352109	351491	351485	351695	0.10	cps
Iron	56-2	67028470	66980065	67244313	67084283	0.21	cps
Iron	57-2	1713079	1728958	1724519	1722185	0.48	cps
Lead	206-1	138874	135723	134691	136429	1.60	cps
Lead	207-1	114418	113834	112965	113739	0.64	cps
Lead	208-1	534247	527553	523394	528398	1.04	cps
Lithium	6-1	576799	629912	625240	610651	4.82	cps
Magnesium	24-2	3445076	3473980	3437414	3452157	0.56	cps
Manganese	55-2	8152	7819	8089	8020	2.21	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:44:51	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5307703	5226440	5187834	5240659	1.17	cps
Molybdenum	95-1	8686269	8574004	8617612	8625962	0.66	cps
Molybdenum	96-1	9303847	9293072	9170130	9255683	0.80	cps
Molybdenum	97-1	5377358	5350412	5305157	5344309	0.68	cps
Molybdenum	98-1	13952898	13866915	13668890	13829568	1.05	cps
Neodymium	150-1	53	73	20	49	55.11	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	15899	15896	16333	16043	1.57	cps
Phosphorus	31-2	52323	52716	53728	52922	1.37	cps
Potassium	39-2	2156319	2170876	2193105	2173433	0.85	cps
Rhodium	103-1	5810628	6453777	6346803	6203736	5.56	cps
Rhodium	103-2	1825202	1824525	1807732	1819153	0.54	cps
Scandium	45-1	3600388	4012472	3936956	3849939	5.70	cps
Scandium	45-2	36909	36942	37413	37088	0.76	cps
Selenium	77-2	40	20	23	28	38.58	cps
Selenium	78-2	72	59	59	64	11.77	cps
Selenium	82-1	2538	2727	2789	2685	4.86	cps
Silicon	28-1	786162	771718	765975	774618	1.34	cps
Silver	109-1	199660	193361	194687	195903	1.70	cps
Silver	107-1	506815	495670	495341	499275	1.31	cps
Sodium	23-2	8334071	8321346	8247703	8301040	0.56	cps
Strontium	86-1	243958	238967	241083	241336	1.04	cps
Strontium	88-1	2175879	2114147	2130541	2140189	1.49	cps
Sulfur	34-1	2671243	2653578	2657110	2660643	0.35	cps
Terbium	159-1	7685179	8622685	8370949	8226271	5.90	cps
Terbium	159-2	1955080	1898327	1944875	1932761	1.57	cps
Thallium	203-1	136360	137622	137488	137157	0.51	cps
Thallium	205-1	331167	329081	327175	329141	0.61	cps
Tin	118-1	381503	374046	376465	377338	1.01	cps
Titanium	47-1	2235665	2190879	2183774	2203440	1.28	cps
Uranium	238-1	1097769	1088788	1089506	1092021	0.46	cps
Vanadium	51-2	14658	14675	15048	14794	1.49	cps
Yttrium	89-1	6825197	7561705	7454493	7280465	5.47	cps
Yttrium	89-2	263749	263231	264220	263733	0.19	cps
Zinc	66-2	5231	5538	5298	5356	3.01	cps
Zirconium	90-1	826030	820137	815869	820679	0.62	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:44:51	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183842	179577	180043	181154	1.29	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P8
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:47:56	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	374084	371372	371523	372327	0.41	cps
Antimony	121-1	5311297	5287228	5285116	5294547	0.27	cps
Arsenic	75-2	65422	65383	64898	65234	0.45	cps
Barium	135-1	5434337	5395865	5352692	5394298	0.76	cps
Barium	137-1	9283620	9187209	9207638	9226156	0.55	cps
Beryllium	9-1	555917	552651	550908	553159	0.46	cps
Bismuth	209-1	4593691	4696383	4679436	4656503	1.18	cps
Bismuth	209-2	1468427	1473289	1456691	1466136	0.58	cps
Boron	10-1	67040	67023	66998	67021	0.03	cps
Boron	11-1	307147	308909	313270	309776	1.02	cps
Cadmium	111-1	1122110	1119311	1116938	1119453	0.23	cps
Cadmium	106-1	115274	116433	117198	116302	0.83	cps
Cadmium	108-1	79042	79235	80203	79494	0.78	cps
Calcium	43-1	5274589	5305534	5259986	5280036	0.44	cps
Calcium	44-1	85706137	85966375	85325325	85665946	0.38	cps
Chromium	52-2	525601	522341	518149	522030	0.72	cps
Cobalt	59-2	1073204	1070024	1067353	1070194	0.27	cps
Copper	63-2	1862710	1839631	1805566	1835969	1.57	cps
Dysprosium	156-1	117	108	125	117	7.14	cps
Dysprosium	156-2	17	13	27	19	36.75	cps
Erbium	164-1	67	67	50	61	15.75	cps
Erbium	164-2	17	10	7	11	45.82	cps
Gadolinium	160-1	167	183	150	167	10.00	cps
Gadolinium	160-2	33	33	27	31	12.36	cps
Holmium	165-1	7928861	8089215	8092905	8036994	1.17	cps
Holmium	165-2	2046465	2060597	2004981	2037348	1.42	cps
Indium	115-1	6767612	6838971	6857053	6821212	0.69	cps
Indium	115-2	345697	347458	343729	345628	0.54	cps
Iron	56-2	86013877	86148957	85254685	85805840	0.56	cps
Iron	57-2	2210167	2180259	2215634	2202020	0.86	cps
Lead	206-1	2823376	2817830	2791439	2810881	0.61	cps
Lead	207-1	2614745	2602153	2579321	2598740	0.69	cps
Lead	208-1	11513450	11518691	11356582	11462907	0.80	cps
Lithium	6-1	603989	613818	620982	612930	1.39	cps
Magnesium	24-2	8844330	8808550	8756162	8803014	0.50	cps
Manganese	55-2	298864	299508	296093	298155	0.61	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P8
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:47:56	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4264582	4248170	4274270	4262341	0.31	cps
Molybdenum	95-1	2324485	2301984	2311883	2312784	0.49	cps
Molybdenum	96-1	2923673	2926711	2950348	2933577	0.50	cps
Molybdenum	97-1	1376374	1402342	1405271	1394662	1.14	cps
Molybdenum	98-1	3637876	3633817	3632546	3634746	0.08	cps
Neodymium	150-1	273	347	193	271	28.29	cps
Neodymium	150-2	7	20	13	13	49.99	cps
Nickel	60-2	313189	309900	309115	310735	0.70	cps
Phosphorus	31-2	5751	5951	5860	5854	1.71	cps
Potassium	39-2	2850790	2832813	2824763	2836122	0.47	cps
Rhodium	103-1	6147219	6202241	6308957	6219472	1.32	cps
Rhodium	103-2	1806741	1806063	1774877	1795894	1.01	cps
Scandium	45-1	3893133	3932692	3870334	3898720	0.81	cps
Scandium	45-2	37316	38252	37316	37628	1.44	cps
Selenium	77-2	460	520	500	493	6.19	cps
Selenium	78-2	1658	1596	1700	1651	3.16	cps
Selenium	82-1	69464	69445	69054	69321	0.33	cps
Silicon	28-1	2293674	2333835	2291048	2306186	1.04	cps
Silver	109-1	5173215	5143202	5194615	5170344	0.50	cps
Silver	107-1	13133687	13110626	13229196	13157836	0.48	cps
Sodium	23-2	21266781	21258624	21356167	21293857	0.25	cps
Strontium	86-1	1512140	1510744	1511099	1511327	0.05	cps
Strontium	88-1	12995089	12807206	12832573	12878289	0.79	cps
Sulfur	34-1	677117	678632	677724	677825	0.11	cps
Terbium	159-1	8373115	8436838	8496687	8435547	0.73	cps
Terbium	159-2	1959591	1970554	1976823	1968989	0.44	cps
Thallium	203-1	3517531	3535492	3501397	3518140	0.48	cps
Thallium	205-1	8141611	8231891	8168825	8180776	0.57	cps
Tin	118-1	3715214	3660433	3652383	3676010	0.93	cps
Titanium	47-1	565423	561571	559024	562006	0.57	cps
Uranium	238-1	10866226	10762269	10786292	10804929	0.50	cps
Vanadium	51-2	390582	392666	389089	390779	0.46	cps
Yttrium	89-1	7391308	7422687	7457631	7423875	0.45	cps
Yttrium	89-2	266530	264685	263133	264783	0.64	cps
Zinc	66-2	170327	170044	168070	169481	0.73	cps
Zirconium	90-1	7945644	7929512	7980165	7951774	0.33	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P8
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:47:56	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1808551	1828196	1827336	1821361	0.61	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P8
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:50:55	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	42	25	28	45.82	cps
Antimony	121-1	3134	3217	3151	3167	1.39	cps
Arsenic	75-2	2	6	6	4	49.54	cps
Barium	135-1	125	75	83	94	28.37	cps
Barium	137-1	167	75	142	128	37.08	cps
Beryllium	9-1	228	194	222	215	8.31	cps
Bismuth	209-1	4552062	4949977	4873586	4791875	4.41	cps
Bismuth	209-2	1560293	1549997	1542235	1550842	0.58	cps
Boron	10-1	2600	2792	2400	2598	7.54	cps
Boron	11-1	12815	11822	11155	11930	7.00	cps
Cadmium	111-1	1227	1328	1337	1297	4.72	cps
Cadmium	106-1	1692	1834	1825	1784	4.46	cps
Cadmium	108-1	17	8	4	10	65.47	cps
Calcium	43-1	2317	2067	2284	2223	6.11	cps
Calcium	44-1	50425	49555	52241	50740	2.70	cps
Chromium	52-2	857	860	853	857	0.39	cps
Cobalt	59-2	30	47	53	43	27.73	cps
Copper	63-2	540	547	430	506	12.96	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	25	42	42	36	26.65	cps
Erbium	164-2	3	17	17	12	63.01	cps
Gadolinium	160-1	83	92	58	78	22.30	cps
Gadolinium	160-2	3	10	20	11	75.52	cps
Holmium	165-1	7544055	8118724	8130742	7931174	4.23	cps
Holmium	165-2	2040235	2051332	2051017	2047528	0.31	cps
Indium	115-1	6661717	7227120	7231018	7039952	4.65	cps
Indium	115-2	372186	371095	366615	369965	0.80	cps
Iron	56-2	3528	4173	3795	3832	8.45	cps
Iron	57-2	128	94	100	107	16.63	cps
Lead	206-1	667	872	839	793	13.92	cps
Lead	207-1	722	706	656	694	5.00	cps
Lead	208-1	3078	3334	3217	3210	3.99	cps
Lithium	6-1	596144	644649	641426	627406	4.32	cps
Magnesium	24-2	242	167	258	222	21.97	cps
Manganese	55-2	57	70	43	57	23.53	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P8
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:50:55	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	608	550	667	608	9.59	cps
Molybdenum	95-1	650	492	533	558	14.70	cps
Molybdenum	96-1	758	517	758	678	20.59	cps
Molybdenum	97-1	517	417	408	447	13.48	cps
Molybdenum	98-1	625	775	600	667	14.20	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	173	150	113	146	20.78	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	4559	4851	4317	4576	5.84	cps
Rhodium	103-1	6238898	6726975	6757948	6574607	4.43	cps
Rhodium	103-2	1964812	1926886	1941998	1944565	0.98	cps
Scandium	45-1	3710026	4010943	4037896	3919622	4.64	cps
Scandium	45-2	37711	38583	37564	37952	1.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	7	0	3	124.95	cps
Selenium	82-1	-202	-82	-74	-119	-59.84	cps
Silicon	28-1	437903	430986	423398	430763	1.68	cps
Silver	109-1	467	467	475	469	1.02	cps
Silver	107-1	1275	1192	1246	1238	3.42	cps
Sodium	23-2	13590	13949	13507	13682	1.72	cps
Strontium	86-1	1017	1258	1100	1125	10.91	cps
Strontium	88-1	333	383	267	328	17.86	cps
Sulfur	34-1	368093	366877	368334	367768	0.21	cps
Terbium	159-1	7771453	8537881	8505121	8271485	5.24	cps
Terbium	159-2	2000110	1964666	1974691	1979822	0.92	cps
Thallium	203-1	892	875	792	853	6.28	cps
Thallium	205-1	2117	1667	1750	1845	12.98	cps
Tin	118-1	2384	2317	2425	2375	2.30	cps
Titanium	47-1	225	225	208	219	4.38	cps
Uranium	238-1	242	150	183	192	24.21	cps
Vanadium	51-2	10	13	10	11	17.30	cps
Yttrium	89-1	7088364	7626693	7638075	7451044	4.22	cps
Yttrium	89-2	271224	270810	268451	270162	0.55	cps
Zinc	66-2	30	47	77	51	46.27	cps
Zirconium	90-1	1175	908	975	1020	13.61	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P8
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:50:55	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	250	233	219	17.95	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:54:04	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	192	100	164	33.86	cps
Antimony	121-1	19348	20058	19932	19779	1.91	cps
Arsenic	75-2	111	128	139	126	11.10	cps
Barium	135-1	18839	18555	18372	18589	1.27	cps
Barium	137-1	32382	33385	32315	32694	1.83	cps
Beryllium	9-1	1189	1128	1056	1124	5.94	cps
Bismuth	209-1	4789483	4800527	4803966	4797992	0.16	cps
Bismuth	209-2	1536469	1511735	1473325	1507176	2.11	cps
Boron	10-1	4468	4551	4434	4484	1.34	cps
Boron	11-1	19422	20015	19898	19778	1.59	cps
Cadmium	111-1	3294	3294	3298	3295	0.07	cps
Cadmium	106-1	1759	2009	2000	1922	7.39	cps
Cadmium	108-1	238	154	200	197	21.16	cps
Calcium	43-1	11864	11831	11689	11794	0.79	cps
Calcium	44-1	205626	206219	205472	205773	0.19	cps
Chromium	52-2	2987	2924	2950	2954	1.08	cps
Cobalt	59-2	1803	2100	2110	2005	8.69	cps
Copper	63-2	4381	4444	4191	4339	3.04	cps
Dysprosium	156-1	33	0	0	11	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	33	67	44	43.31	cps
Erbium	164-2	13	7	20	13	49.99	cps
Gadolinium	160-1	33	92	42	56	56.79	cps
Gadolinium	160-2	10	0	13	8	89.21	cps
Holmium	165-1	8078982	8047161	7991788	8039311	0.55	cps
Holmium	165-2	2036079	2017596	1939843	1997839	2.56	cps
Indium	115-1	7124419	7121397	7150014	7131943	0.22	cps
Indium	115-2	367542	364669	355369	362527	1.76	cps
Iron	56-2	35234	35022	35217	35158	0.33	cps
Iron	57-2	917	883	961	920	4.24	cps
Lead	206-1	6418	6407	6307	6378	0.96	cps
Lead	207-1	5474	5457	5457	5462	0.18	cps
Lead	208-1	25238	25550	24643	25144	1.83	cps
Lithium	6-1	636138	631613	638570	635440	0.56	cps
Magnesium	24-2	15384	16819	16552	16252	4.70	cps
Manganese	55-2	417	370	420	402	6.95	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:54:04	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16669	16719	16894	16761	0.71	cps
Molybdenum	95-1	19941	19607	20316	19954	1.78	cps
Molybdenum	96-1	21701	22645	22311	22219	2.15	cps
Molybdenum	97-1	13124	12807	11939	12623	4.86	cps
Molybdenum	98-1	31170	32222	31830	31741	1.68	cps
Neodymium	150-1	40	33	13	29	48.05	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	793	773	773	780	1.48	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	14091	14358	14558	14336	1.64	cps
Rhodium	103-1	6704683	6701955	6651067	6685902	0.45	cps
Rhodium	103-2	1928122	1924731	1845156	1899336	2.47	cps
Scandium	45-1	3985604	3979284	3944126	3969672	0.56	cps
Scandium	45-2	37811	37834	36140	37262	2.61	cps
Selenium	77-2	10	7	10	9	21.63	cps
Selenium	78-2	13	17	11	14	20.85	cps
Selenium	82-1	599	563	444	535	15.11	cps
Silicon	28-1	463433	459971	450701	458035	1.44	cps
Silver	109-1	13157	13449	13190	13265	1.20	cps
Silver	107-1	33368	34181	33693	33747	1.21	cps
Sodium	23-2	49704	49002	50557	49754	1.57	cps
Strontium	86-1	3751	3801	3801	3784	0.76	cps
Strontium	88-1	23963	22995	23847	23602	2.24	cps
Sulfur	34-1	367092	371011	368786	368963	0.53	cps
Terbium	159-1	8398496	8431691	8441932	8424039	0.27	cps
Terbium	159-2	1988278	1938553	1898964	1941932	2.30	cps
Thallium	203-1	6502	6994	6477	6658	4.38	cps
Thallium	205-1	16253	16211	15610	16025	2.24	cps
Tin	118-1	34713	34470	33326	34170	2.17	cps
Titanium	47-1	5101	4884	5051	5012	2.26	cps
Uranium	238-1	18932	18765	18923	18873	0.50	cps
Vanadium	51-2	3537	3501	3474	3504	0.91	cps
Yttrium	89-1	7557758	7539000	7570271	7555676	0.21	cps
Yttrium	89-2	270266	268863	258610	265913	2.39	cps
Zinc	66-2	403	347	423	391	10.17	cps
Zirconium	90-1	15009	15943	14884	15279	3.79	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 12:54:04	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3692	3492	3351	3512	4.89	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : PB101593BL Instrumnet Name : P8
 Client Sample ID : PB101593BL Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 13:07:40 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	42	17	31	41.66	cps
Antimony	121-1	283	408	500	397	27.38	cps
Arsenic	75-2	7	6	6	6	17.29	cps
Barium	135-1	42	50	67	53	24.12	cps
Barium	137-1	158	167	158	161	2.99	cps
Beryllium	9-1	111	72	161	115	38.81	cps
Bismuth	209-1	4854247	4965400	4892210	4903952	1.15	cps
Bismuth	209-2	1464790	1499104	1560488	1508127	3.21	cps
Boron	10-1	817	783	817	806	2.39	cps
Boron	11-1	4026	3967	3792	3928	3.09	cps
Cadmium	111-1	1392	1368	1119	1293	11.68	cps
Cadmium	106-1	1934	1942	1592	1822	10.96	cps
Cadmium	108-1	4	0	17	7	124.88	cps
Calcium	43-1	2334	2609	2217	2386	8.43	cps
Calcium	44-1	48133	46837	47557	47509	1.37	cps
Chromium	52-2	963	967	900	943	3.98	cps
Cobalt	59-2	70	43	27	47	46.84	cps
Copper	63-2	407	400	427	411	3.38	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	42	42	50	44	10.82	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	42	58	67	56	22.91	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	8052867	8084655	8055488	8064337	0.22	cps
Holmium	165-2	1967104	1997545	2039470	2001373	1.82	cps
Indium	115-1	7324494	7241779	7223073	7263115	0.74	cps
Indium	115-2	354624	359637	380446	364902	3.75	cps
Iron	56-2	2706	2756	2828	2763	2.22	cps
Iron	57-2	100	78	111	96	17.63	cps
Lead	206-1	606	567	622	598	4.77	cps
Lead	207-1	439	567	533	513	12.92	cps
Lead	208-1	2350	2406	2545	2434	4.12	cps
Lithium	6-1	644003	648779	641643	644808	0.56	cps
Magnesium	24-2	250	342	292	294	15.59	cps
Manganese	55-2	63	60	77	67	13.23	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	PB101593BL	Instrumnet Name :	P8
Client Sample ID :	PB101593BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:07:40	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	367	208	283	286	27.68	cps
Molybdenum	95-1	83	67	58	69	18.33	cps
Molybdenum	96-1	292	233	142	222	34.03	cps
Molybdenum	97-1	208	183	350	247	36.36	cps
Molybdenum	98-1	183	208	58	150	53.57	cps
Neodymium	150-1	7	27	20	18	57.27	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	180	160	127	156	17.32	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	3942	3742	3701	3795	3.41	cps
Rhodium	103-1	6822571	6816980	6842414	6827322	0.20	cps
Rhodium	103-2	1816732	1869001	1951908	1879213	3.63	cps
Scandium	45-1	4080794	4056652	4055964	4064470	0.35	cps
Scandium	45-2	36168	36915	39255	37446	4.30	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	11	2	0	4	137.79	cps
Selenium	82-1	-41	-226	20	-82	-156.25	cps
Silicon	28-1	409378	413515	411188	411360	0.50	cps
Silver	109-1	192	125	217	178	26.65	cps
Silver	107-1	429	404	500	444	11.18	cps
Sodium	23-2	7002	6710	6560	6757	3.32	cps
Strontium	86-1	1042	1050	1000	1031	2.60	cps
Strontium	88-1	333	400	358	364	9.25	cps
Sulfur	34-1	376249	379566	378047	377954	0.44	cps
Terbium	159-1	8624525	8429013	8348366	8467301	1.68	cps
Terbium	159-2	1866469	1926159	2001612	1931414	3.51	cps
Thallium	203-1	133	142	175	150	14.70	cps
Thallium	205-1	375	383	442	400	9.08	cps
Tin	118-1	2367	2692	2500	2520	6.49	cps
Titanium	47-1	108	158	150	139	19.29	cps
Uranium	238-1	100	75	92	89	14.32	cps
Vanadium	51-2	17	13	7	12	41.65	cps
Yttrium	89-1	7750393	7733047	7733924	7739121	0.13	cps
Yttrium	89-2	258559	262947	278225	266577	3.87	cps
Zinc	66-2	73	80	87	80	8.34	cps
Zirconium	90-1	575	633	642	617	5.89	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	PB101593BL	Instrumnet Name :	P8
Client Sample ID :	PB101593BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:07:40	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	200	175	169	19.88	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	PB101593BS	Instrumnet Name :	P8
Client Sample ID :	PB101593BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:10:49	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	358	242	283	294	20.08	cps
Antimony	121-1	40680	40504	40738	40641	0.30	cps
Arsenic	75-2	257	296	281	278	7.05	cps
Barium	135-1	39410	39577	41040	40009	2.24	cps
Barium	137-1	68159	68988	68972	68707	0.69	cps
Beryllium	9-1	2339	2250	2311	2300	1.98	cps
Bismuth	209-1	4722196	4842334	4840989	4801840	1.44	cps
Bismuth	209-2	1575074	1494883	1624954	1564970	4.19	cps
Boron	10-1	6310	6985	6535	6610	5.20	cps
Boron	11-1	29657	30500	30859	30339	2.03	cps
Cadmium	111-1	5663	5829	5539	5677	2.56	cps
Cadmium	106-1	2284	2192	2009	2161	6.48	cps
Cadmium	108-1	350	367	246	321	20.41	cps
Calcium	43-1	22636	23445	22728	22936	1.93	cps
Calcium	44-1	377773	386766	384976	383172	1.24	cps
Chromium	52-2	5358	5294	4921	5191	4.55	cps
Cobalt	59-2	4361	4724	4494	4526	4.06	cps
Copper	63-2	8259	8640	8273	8390	2.57	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	83	50	92	75	29.40	cps
Erbium	164-2	30	3	20	18	75.79	cps
Gadolinium	160-1	42	108	92	81	43.07	cps
Gadolinium	160-2	17	7	23	16	53.90	cps
Holmium	165-1	8032114	8099228	8115585	8082309	0.55	cps
Holmium	165-2	2085056	1998018	2160819	2081297	3.91	cps
Indium	115-1	7208842	7313860	7264951	7262551	0.72	cps
Indium	115-2	383901	363112	396083	381032	4.38	cps
Iron	56-2	283681	287245	280155	283694	1.25	cps
Iron	57-2	6946	7130	7208	7095	1.89	cps
Lead	206-1	13280	13452	12835	13189	2.41	cps
Lead	207-1	11556	11795	11611	11654	1.07	cps
Lead	208-1	52098	52855	51999	52317	0.90	cps
Lithium	6-1	640544	650031	648405	646327	0.78	cps
Magnesium	24-2	35654	34343	33992	34663	2.53	cps
Manganese	55-2	677	770	587	678	13.53	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	PB101593BS	Instrumnet Name :	P8
Client Sample ID :	PB101593BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:10:49	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	35238	35748	34553	35180	1.70	cps
Molybdenum	95-1	41255	43354	42016	42208	2.52	cps
Molybdenum	96-1	45301	47643	47961	46969	3.09	cps
Molybdenum	97-1	25784	26744	26869	26466	2.24	cps
Molybdenum	98-1	66380	67611	66849	66947	0.93	cps
Neodymium	150-1	0	27	0	9	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1540	1427	1660	1542	7.57	cps
Phosphorus	31-2	0	8	25	11	114.58	cps
Potassium	39-2	26200	26284	26058	26181	0.44	cps
Rhodium	103-1	6758972	6908029	6802016	6823005	1.12	cps
Rhodium	103-2	2002755	1886231	2042660	1977215	4.11	cps
Scandium	45-1	4014970	4061214	4096194	4057459	1.00	cps
Scandium	45-2	39355	37002	40549	38969	4.63	cps
Selenium	77-2	17	7	7	10	57.72	cps
Selenium	78-2	43	35	37	38	10.06	cps
Selenium	82-1	1276	1351	1324	1317	2.88	cps
Silicon	28-1	492547	497819	488902	493090	0.91	cps
Silver	109-1	20391	21451	22094	21312	4.03	cps
Silver	107-1	52998	54171	55393	54187	2.21	cps
Sodium	23-2	90965	92148	90480	91198	0.94	cps
Strontium	86-1	6468	7236	6794	6833	5.64	cps
Strontium	88-1	49584	50453	50954	50330	1.38	cps
Sulfur	34-1	381651	379900	382447	381333	0.34	cps
Terbium	159-1	8429633	8496240	8486184	8470686	0.42	cps
Terbium	159-2	2040738	1927208	2080257	2016068	3.94	cps
Thallium	203-1	13541	13449	13174	13388	1.43	cps
Thallium	205-1	31849	32159	31858	31955	0.55	cps
Tin	118-1	71123	71097	70653	70958	0.37	cps
Titanium	47-1	11113	10563	10463	10713	3.27	cps
Uranium	238-1	39765	39489	39322	39525	0.57	cps
Vanadium	51-2	7819	7909	7809	7846	0.70	cps
Yttrium	89-1	7628905	7758247	7793221	7726791	1.12	cps
Yttrium	89-2	282323	266915	290044	279761	4.21	cps
Zinc	66-2	730	873	790	798	9.02	cps
Zirconium	90-1	30134	30451	29608	30065	1.42	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	PB101593BS	Instrumnet Name :	P8
Client Sample ID :	PB101593BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:10:49	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6760	6677	6560	6666	1.51	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-02	Instrumnet Name :	P8
Client Sample ID :	ME7GE3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:15:16	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	0	8	100.02	cps
Antimony	121-1	308	275	233	272	13.80	cps
Arsenic	75-2	7	4	4	5	43.39	cps
Barium	135-1	142	83	75	100	36.33	cps
Barium	137-1	92	175	208	158	37.95	cps
Beryllium	9-1	106	89	33	76	49.81	cps
Bismuth	209-1	5264824	5164203	5119468	5182831	1.44	cps
Bismuth	209-2	1661014	1659521	1718777	1679770	2.01	cps
Boron	10-1	983	933	942	953	2.81	cps
Boron	11-1	4259	4151	3967	4126	3.57	cps
Cadmium	111-1	1322	1253	1252	1276	3.13	cps
Cadmium	106-1	1867	1775	1767	1803	3.08	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	2617	2492	2475	2528	3.06	cps
Calcium	44-1	49388	49363	50634	49795	1.46	cps
Chromium	52-2	717	680	667	688	3.77	cps
Cobalt	59-2	53	40	30	41	28.47	cps
Copper	63-2	580	517	560	552	5.86	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	8	33	19	65.47	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	58	75	83	72	17.62	cps
Gadolinium	160-2	10	13	20	14	35.26	cps
Holmium	165-1	8748148	8602377	8724059	8691528	0.90	cps
Holmium	165-2	2196490	2210418	2198377	2201762	0.34	cps
Indium	115-1	7948486	7789856	7752321	7830221	1.33	cps
Indium	115-2	405868	406926	401206	404667	0.75	cps
Iron	56-2	2767	2862	2873	2834	2.05	cps
Iron	57-2	83	78	89	83	6.67	cps
Lead	206-1	978	772	872	874	11.76	cps
Lead	207-1	744	794	861	800	7.32	cps
Lead	208-1	3739	3578	3611	3643	2.34	cps
Lithium	6-1	707809	691523	692545	697292	1.31	cps
Magnesium	24-2	242	217	217	225	6.41	cps
Manganese	55-2	90	67	63	73	19.81	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-02	Instrumnet Name :	P8
Client Sample ID :	ME7GE3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:15:16	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	333	283	217	278	21.07	cps
Molybdenum	95-1	83	100	83	89	10.82	cps
Molybdenum	96-1	208	183	150	181	16.21	cps
Molybdenum	97-1	175	233	208	206	14.24	cps
Molybdenum	98-1	92	108	208	136	46.36	cps
Neodymium	150-1	33	13	7	18	78.05	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	163	137	137	146	10.58	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	3684	3534	3734	3651	2.85	cps
Rhodium	103-1	7506915	7298795	7292966	7366225	1.65	cps
Rhodium	103-2	2076263	2100377	2104587	2093742	0.73	cps
Scandium	45-1	4422569	4343740	4351963	4372758	0.99	cps
Scandium	45-2	42039	40973	42170	41727	1.57	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	11	6	0	6	99.97	cps
Selenium	82-1	-75	-40	-31	-48	-47.90	cps
Silicon	28-1	421514	417358	415682	418185	0.72	cps
Silver	109-1	375	408	300	361	15.37	cps
Silver	107-1	971	1021	750	914	15.77	cps
Sodium	23-2	6452	6177	6493	6374	2.70	cps
Strontium	86-1	1025	1100	1108	1078	4.26	cps
Strontium	88-1	542	575	592	569	4.47	cps
Sulfur	34-1	377121	374173	376917	376070	0.44	cps
Terbium	159-1	9205291	9058809	9052758	9105620	0.95	cps
Terbium	159-2	2132054	2139260	2138190	2136501	0.18	cps
Thallium	203-1	158	142	225	175	25.20	cps
Thallium	205-1	533	458	533	508	8.52	cps
Tin	118-1	692	742	858	764	11.20	cps
Titanium	47-1	142	233	217	197	24.76	cps
Uranium	238-1	92	67	117	92	27.27	cps
Vanadium	51-2	13	10	17	13	25.01	cps
Yttrium	89-1	8379875	8282924	8286744	8316514	0.66	cps
Yttrium	89-2	297334	295932	294214	295827	0.53	cps
Zinc	66-2	8953	8923	8906	8927	0.26	cps
Zirconium	90-1	667	583	558	603	9.41	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-02	Instrumnet Name :	P8
Client Sample ID :	ME7GE3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:15:16	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	100	92	128	43.43	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-01	Instrumnet Name :	P8
Client Sample ID :	ME7GE2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:18:25	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4184	4384	3934	4167	5.41	cps
Antimony	121-1	8495	8478	8511	8495	0.20	cps
Arsenic	75-2	415	430	435	427	2.47	cps
Barium	135-1	252278	249025	246395	249233	1.18	cps
Barium	137-1	430457	429262	428824	429514	0.20	cps
Beryllium	9-1	206	200	233	213	8.39	cps
Bismuth	209-1	4869968	4878465	4905801	4884745	0.38	cps
Bismuth	209-2	1591320	1576839	1568953	1579037	0.72	cps
Boron	10-1	8311	9120	9328	8920	6.03	cps
Boron	11-1	40859	41937	43299	42032	2.91	cps
Cadmium	111-1	1501	1558	1864	1641	11.88	cps
Cadmium	106-1	1884	1875	2209	1989	9.56	cps
Cadmium	108-1	54	42	46	47	13.48	cps
Calcium	43-1	1649639	1682362	1668485	1666828	0.99	cps
Calcium	44-1	26861164	26869755	26918680	26883200	0.12	cps
Chromium	52-2	3354	3324	3370	3349	0.71	cps
Cobalt	59-2	1757	1793	1847	1799	2.52	cps
Copper	63-2	25256	25570	25220	25349	0.76	cps
Dysprosium	156-1	3217	2925	3559	3234	9.81	cps
Dysprosium	156-2	830	847	840	839	1.00	cps
Erbium	164-1	2475	2684	2667	2609	4.44	cps
Erbium	164-2	607	620	607	611	1.26	cps
Gadolinium	160-1	2942	3426	2784	3051	10.96	cps
Gadolinium	160-2	1030	1063	987	1027	3.74	cps
Holmium	165-1	8495775	8418109	8608634	8507506	1.13	cps
Holmium	165-2	2182572	2190569	2154795	2175979	0.86	cps
Indium	115-1	7613741	7619950	7737487	7657059	0.91	cps
Indium	115-2	398310	394442	393489	395414	0.65	cps
Iron	56-2	1888955	1850990	1876433	1872126	1.03	cps
Iron	57-2	45313	45976	46127	45805	0.95	cps
Lead	206-1	23923	23895	24368	24062	1.10	cps
Lead	207-1	19660	19961	20022	19881	0.97	cps
Lead	208-1	91914	93130	92119	92388	0.70	cps
Lithium	6-1	699633	704177	715796	706535	1.18	cps
Magnesium	24-2	701634	690253	694690	695525	0.82	cps
Manganese	55-2	57006	56527	56353	56629	0.60	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-01	Instrumnet Name :	P8
Client Sample ID :	ME7GE2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:18:25	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16260	17462	17153	16958	3.68	cps
Molybdenum	95-1	17587	17762	18146	17832	1.60	cps
Molybdenum	96-1	19682	20041	19431	19718	1.55	cps
Molybdenum	97-1	10997	11806	11205	11336	3.71	cps
Molybdenum	98-1	27779	28481	28356	28205	1.33	cps
Neodymium	150-1	5341	5315	5155	5270	1.92	cps
Neodymium	150-2	867	897	803	856	5.57	cps
Nickel	60-2	2347	2480	2300	2376	3.93	cps
Phosphorus	31-2	100	67	58	75	29.40	cps
Potassium	39-2	162808	163186	162209	162734	0.30	cps
Rhodium	103-1	6965697	7025958	7118444	7036700	1.09	cps
Rhodium	103-2	2020818	2010966	2005428	2012404	0.39	cps
Scandium	45-1	4377175	4370422	4436585	4394727	0.83	cps
Scandium	45-2	41652	41147	40873	41224	0.96	cps
Selenium	77-2	0	7	10	6	91.64	cps
Selenium	78-2	13	13	6	10	40.72	cps
Selenium	82-1	102	24	-3	41	132.77	cps
Silicon	28-1	15394561	15376361	15494763	15421895	0.41	cps
Silver	109-1	2517	3242	3259	3006	14.09	cps
Silver	107-1	6676	8306	8331	7771	12.20	cps
Sodium	23-2	12855117	12744122	12558291	12719177	1.18	cps
Strontium	86-1	546023	549379	554561	549988	0.78	cps
Strontium	88-1	4881202	4784649	4836225	4834025	1.00	cps
Sulfur	34-1	732142	740673	740606	737807	0.66	cps
Terbium	159-1	8905221	8891388	9019901	8938837	0.79	cps
Terbium	159-2	2124712	2109102	2103383	2112399	0.52	cps
Thallium	203-1	717	800	867	795	9.46	cps
Thallium	205-1	1642	2217	2325	2061	17.82	cps
Tin	118-1	2359	2442	2484	2428	2.62	cps
Titanium	47-1	13624	13716	13950	13763	1.22	cps
Uranium	238-1	9296	9437	10063	9599	4.25	cps
Vanadium	51-2	2920	2804	2880	2868	2.07	cps
Yttrium	89-1	8246781	8274222	8434903	8318635	1.22	cps
Yttrium	89-2	294014	294448	292448	293637	0.36	cps
Zinc	66-2	21534	21547	21911	21664	0.99	cps
Zirconium	90-1	19089	19039	18881	19003	0.57	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-01	Instrumnet Name :	P8
Client Sample ID :	ME7GE2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:18:25	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4393	4401	4384	4393	0.19	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-03	Instrumnet Name :	P8
Client Sample ID :	ME7GE2D	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:21:32	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4268	3892	4401	4187	6.30	cps
Antimony	121-1	8486	8603	7878	8322	4.68	cps
Arsenic	75-2	383	402	396	394	2.41	cps
Barium	135-1	253117	250835	249484	251145	0.73	cps
Barium	137-1	435314	430695	428219	431409	0.83	cps
Beryllium	9-1	239	178	189	202	16.13	cps
Bismuth	209-1	4913858	4934434	4915845	4921379	0.23	cps
Bismuth	209-2	1585551	1576923	1583712	1582062	0.29	cps
Boron	10-1	9395	8603	8770	8923	4.68	cps
Boron	11-1	40951	41945	41703	41533	1.25	cps
Cadmium	111-1	1705	1699	1506	1637	6.91	cps
Cadmium	106-1	2000	2059	1717	1925	9.50	cps
Cadmium	108-1	71	54	42	56	26.34	cps
Calcium	43-1	1691239	1668719	1661231	1673730	0.93	cps
Calcium	44-1	27062904	26682928	26652010	26799281	0.85	cps
Chromium	52-2	3224	3164	3437	3275	4.39	cps
Cobalt	59-2	1947	1874	1920	1914	1.94	cps
Copper	63-2	25787	24889	25136	25271	1.84	cps
Dysprosium	156-1	3259	3234	3184	3226	1.18	cps
Dysprosium	156-2	923	910	903	912	1.12	cps
Erbium	164-1	2817	2825	2750	2798	1.47	cps
Erbium	164-2	597	530	690	606	13.27	cps
Gadolinium	160-1	3326	3517	3126	3323	5.90	cps
Gadolinium	160-2	953	1063	1090	1036	7.00	cps
Holmium	165-1	8513498	8668940	8502043	8561494	1.09	cps
Holmium	165-2	2192393	2138670	2173136	2168066	1.26	cps
Indium	115-1	7622978	7651968	7656067	7643671	0.24	cps
Indium	115-2	392295	385517	391349	389720	0.94	cps
Iron	56-2	1883117	1833518	1853336	1856657	1.34	cps
Iron	57-2	47019	45993	45871	46294	1.36	cps
Lead	206-1	24101	23377	22999	23493	2.38	cps
Lead	207-1	19699	19582	19426	19569	0.70	cps
Lead	208-1	92170	92100	91761	92010	0.24	cps
Lithium	6-1	704858	712275	706435	707856	0.55	cps
Magnesium	24-2	693484	681770	690967	688740	0.90	cps
Manganese	55-2	56474	55497	56705	56225	1.14	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-03	Instrumnet Name :	P8
Client Sample ID :	ME7GE2D	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:21:32	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16527	17755	17570	17284	3.83	cps
Molybdenum	95-1	17303	17445	18171	17640	2.64	cps
Molybdenum	96-1	20316	21028	20283	20542	2.05	cps
Molybdenum	97-1	11414	10871	11105	11130	2.44	cps
Molybdenum	98-1	27863	27779	27429	27690	0.83	cps
Neodymium	150-1	5455	5141	5134	5243	3.49	cps
Neodymium	150-2	877	720	940	846	13.39	cps
Nickel	60-2	2327	2290	2244	2287	1.83	cps
Phosphorus	31-2	42	58	33	44	28.65	cps
Potassium	39-2	163768	159158	159611	160845	1.58	cps
Rhodium	103-1	6992443	7096328	7016161	7034977	0.77	cps
Rhodium	103-2	2002040	1980726	1996685	1993150	0.56	cps
Scandium	45-1	4384667	4401461	4379927	4388685	0.26	cps
Scandium	45-2	41525	40749	41297	41190	0.97	cps
Selenium	77-2	7	0	13	7	99.98	cps
Selenium	78-2	15	7	7	10	43.26	cps
Selenium	82-1	18	11	71	34	97.94	cps
Silicon	28-1	15465708	15251474	15528926	15415369	0.94	cps
Silver	109-1	2892	2375	2809	2692	10.31	cps
Silver	107-1	7014	6438	6755	6736	4.28	cps
Sodium	23-2	12765046	12641457	12652632	12686379	0.54	cps
Strontium	86-1	553212	545516	548026	548918	0.72	cps
Strontium	88-1	4810135	4776950	4774146	4787077	0.42	cps
Sulfur	34-1	726948	719585	715478	720671	0.81	cps
Terbium	159-1	8844774	9061759	8953751	8953428	1.21	cps
Terbium	159-2	2105544	2092543	2097148	2098412	0.31	cps
Thallium	203-1	425	375	417	406	6.61	cps
Thallium	205-1	1058	983	992	1011	4.07	cps
Tin	118-1	2217	2442	2334	2331	4.83	cps
Titanium	47-1	14600	14074	14550	14408	2.01	cps
Uranium	238-1	10105	9346	10163	9871	4.62	cps
Vanadium	51-2	2944	2944	2757	2881	3.74	cps
Yttrium	89-1	8247405	8276454	8191041	8238300	0.53	cps
Yttrium	89-2	291971	288453	291258	290561	0.64	cps
Zinc	66-2	21640	21163	21734	21512	1.42	cps
Zirconium	90-1	19190	18455	18313	18653	2.52	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-03	Instrumnet Name :	P8
Client Sample ID :	ME7GE2D	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:21:32	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4101	4293	5273	4555	13.80	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-01LX5	Instrumnet Name :	P8
Client Sample ID :	ME7GE2L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-22 13:24:41	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	858	667	808	778	12.78	cps
Antimony	121-1	1584	1734	1492	1603	7.61	cps
Arsenic	75-2	81	85	78	81	4.55	cps
Barium	135-1	46307	46826	45973	46368	0.93	cps
Barium	137-1	80303	79682	78810	79598	0.94	cps
Beryllium	9-1	83	128	100	104	21.65	cps
Bismuth	209-1	4813130	4827934	4761206	4800757	0.73	cps
Bismuth	209-2	1562245	1558033	1550390	1556889	0.39	cps
Boron	10-1	2409	2309	2392	2370	2.26	cps
Boron	11-1	11380	10854	10429	10888	4.37	cps
Cadmium	111-1	1285	1543	1171	1333	14.30	cps
Cadmium	106-1	1767	2025	1625	1806	11.23	cps
Cadmium	108-1	21	0	13	11	94.37	cps
Calcium	43-1	299824	300395	300155	300124	0.10	cps
Calcium	44-1	4997288	4979458	4918003	4964916	0.84	cps
Chromium	52-2	1333	1423	2768	1841	43.62	cps
Cobalt	59-2	310	357	377	348	9.84	cps
Copper	63-2	5361	5448	5158	5322	2.80	cps
Dysprosium	156-1	467	708	692	622	21.69	cps
Dysprosium	156-2	200	170	150	173	14.52	cps
Erbium	164-1	533	533	583	550	5.25	cps
Erbium	164-2	133	133	117	128	7.53	cps
Gadolinium	160-1	642	700	700	681	4.95	cps
Gadolinium	160-2	210	203	187	200	6.01	cps
Holmium	165-1	8117425	8224016	8092013	8144484	0.86	cps
Holmium	165-2	2086698	2075558	2093841	2085365	0.44	cps
Indium	115-1	7382102	7318955	7230930	7310662	1.04	cps
Indium	115-2	378278	375546	374689	376171	0.50	cps
Iron	56-2	344297	340115	343865	342759	0.67	cps
Iron	57-2	8686	8770	8781	8746	0.59	cps
Lead	206-1	4862	4973	5240	5025	3.87	cps
Lead	207-1	4040	4051	3851	3980	2.82	cps
Lead	208-1	19179	18623	19073	18958	1.56	cps
Lithium	6-1	663551	662540	658908	661666	0.37	cps
Magnesium	24-2	128315	128527	127072	127972	0.61	cps
Manganese	55-2	10451	10914	10434	10600	2.57	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-01LX5	Instrumnet Name :	P8
Client Sample ID :	ME7GE2L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-22 13:24:41	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2909	3167	3234	3103	5.53	cps
Molybdenum	95-1	3101	3742	3292	3378	9.75	cps
Molybdenum	96-1	3976	3434	3734	3715	7.31	cps
Molybdenum	97-1	2209	2125	2467	2267	7.86	cps
Molybdenum	98-1	5476	5351	4909	5246	5.68	cps
Neodymium	150-1	1060	1060	907	1009	8.78	cps
Neodymium	150-2	117	183	183	161	23.89	cps
Nickel	60-2	643	687	520	617	14.02	cps
Phosphorus	31-2	8	25	17	17	50.01	cps
Potassium	39-2	33458	32956	32973	33129	0.86	cps
Rhodium	103-1	6792962	6853700	6754393	6800352	0.74	cps
Rhodium	103-2	1955858	1970268	1948507	1958211	0.57	cps
Scandium	45-1	4144027	4126952	4119673	4130217	0.30	cps
Scandium	45-2	38911	38546	38656	38704	0.48	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	6	4	4	24.86	cps
Selenium	82-1	-59	-165	-98	-107	-50.36	cps
Silicon	28-1	3194534	3209113	3182051	3195233	0.42	cps
Silver	109-1	658	808	800	756	11.16	cps
Silver	107-1	2121	2213	2192	2175	2.21	cps
Sodium	23-2	2360783	2367950	2363359	2364031	0.15	cps
Strontium	86-1	103902	101920	101668	102496	1.19	cps
Strontium	88-1	871948	877535	879056	876180	0.43	cps
Sulfur	34-1	439923	440154	435938	438672	0.54	cps
Terbium	159-1	8581415	8528891	8476966	8529090	0.61	cps
Terbium	159-2	2010881	2033048	1997664	2013864	0.89	cps
Thallium	203-1	83	167	192	147	38.53	cps
Thallium	205-1	350	325	350	342	4.22	cps
Tin	118-1	2384	2484	2500	2456	2.57	cps
Titanium	47-1	3193	3470	2800	3154	10.66	cps
Uranium	238-1	1900	1909	1917	1909	0.44	cps
Vanadium	51-2	553	557	463	524	10.10	cps
Yttrium	89-1	7829978	7755597	7685288	7756954	0.93	cps
Yttrium	89-2	277464	276491	274717	276224	0.50	cps
Zinc	66-2	4064	4224	3914	4067	3.81	cps
Zirconium	90-1	4234	3526	3909	3890	9.12	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-01LX5	Instrumnet Name :	P8
Client Sample ID :	ME7GE2L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-22 13:24:41	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	858	858	842	853	1.13	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-04	Instrumnet Name :	P8
Client Sample ID :	ME7GE2S	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:27:49	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19906	19881	20023	19937	0.38	cps
Antimony	121-1	1143618	1123982	1128479	1132027	0.91	cps
Arsenic	75-2	6187	6081	6155	6141	0.88	cps
Barium	135-1	4991585	4901824	4902675	4932028	1.05	cps
Barium	137-1	8504679	8322353	8381142	8402724	1.11	cps
Beryllium	9-1	63596	63518	64070	63728	0.47	cps
Bismuth	209-1	4892186	4839537	4769442	4833722	1.27	cps
Bismuth	209-2	1550739	1470494	1518606	1513279	2.67	cps
Boron	10-1	7869	8269	8603	8247	4.46	cps
Boron	11-1	39355	40592	39347	39765	1.80	cps
Cadmium	111-1	128368	125944	125681	126664	1.17	cps
Cadmium	106-1	13574	12748	13265	13196	3.16	cps
Cadmium	108-1	8369	7890	8290	8183	3.14	cps
Calcium	43-1	1598907	1594280	1595425	1596204	0.15	cps
Calcium	44-1	25884888	25442712	25316445	25548015	1.17	cps
Chromium	52-2	238832	239455	235125	237804	0.98	cps
Cobalt	59-2	1236700	1233592	1231311	1233868	0.22	cps
Copper	63-2	561436	559728	557758	559641	0.33	cps
Dysprosium	156-1	3134	3426	2692	3084	11.98	cps
Dysprosium	156-2	823	793	813	810	1.89	cps
Erbium	164-1	2609	2592	2892	2698	6.25	cps
Erbium	164-2	593	623	730	649	11.07	cps
Gadolinium	160-1	3092	2900	3059	3017	3.39	cps
Gadolinium	160-2	973	950	867	930	6.03	cps
Holmium	165-1	8502142	8383556	8360953	8415550	0.90	cps
Holmium	165-2	2115394	2007210	2095947	2072850	2.78	cps
Indium	115-1	7633678	7538747	7556157	7576194	0.67	cps
Indium	115-2	387395	364723	375844	375987	3.02	cps
Iron	56-2	2551131	2542011	2548145	2547096	0.18	cps
Iron	57-2	63433	64042	62155	63210	1.52	cps
Lead	206-1	141598	141709	139716	141008	0.79	cps
Lead	207-1	124909	124577	123574	124353	0.56	cps
Lead	208-1	568692	564061	560001	564251	0.77	cps
Lithium	6-1	718162	706692	709736	711530	0.84	cps
Magnesium	24-2	663843	659404	657875	660374	0.47	cps
Manganese	55-2	222449	223498	221273	222407	0.50	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-04	Instrumnet Name :	P8
Client Sample ID :	ME7GE2S	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:27:49	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16469	16085	16102	16219	1.34	cps
Molybdenum	95-1	17178	16528	17145	16950	2.16	cps
Molybdenum	96-1	18914	20057	19457	19476	2.94	cps
Molybdenum	97-1	10830	10630	10738	10732	0.93	cps
Molybdenum	98-1	27579	27412	25993	26995	3.23	cps
Neodymium	150-1	5335	5495	5261	5364	2.23	cps
Neodymium	150-2	960	840	863	888	7.17	cps
Nickel	60-2	365362	361762	358340	361821	0.97	cps
Phosphorus	31-2	75	100	50	75	33.34	cps
Potassium	39-2	157210	152895	152569	154225	1.68	cps
Rhodium	103-1	7042380	6876219	6902810	6940470	1.29	cps
Rhodium	103-2	1970208	1862076	1906050	1912778	2.84	cps
Scandium	45-1	4309932	4274833	4323634	4302800	0.58	cps
Scandium	45-2	39803	37664	39242	38903	2.85	cps
Selenium	77-2	140	93	120	118	19.88	cps
Selenium	78-2	409	381	420	404	4.96	cps
Selenium	82-1	15927	15865	15726	15839	0.65	cps
Silicon	28-1	14788043	14568689	14588333	14648355	0.83	cps
Silver	109-1	532466	524671	530906	529348	0.78	cps
Silver	107-1	1353661	1336399	1346120	1345393	0.64	cps
Sodium	23-2	12157506	12176859	12000435	12111600	0.80	cps
Strontium	86-1	525028	524669	520602	523433	0.47	cps
Strontium	88-1	4617159	4584945	4527345	4576483	0.99	cps
Sulfur	34-1	703443	697388	695990	698940	0.57	cps
Terbium	159-1	8941409	8801393	8821549	8854784	0.85	cps
Terbium	159-2	2066998	1966862	2018594	2017485	2.48	cps
Thallium	203-1	370489	361387	367174	366350	1.26	cps
Thallium	205-1	889754	872050	870676	877493	1.21	cps
Tin	118-1	2359	2542	2559	2486	4.46	cps
Titanium	47-1	12581	12556	13107	12748	2.44	cps
Uranium	238-1	9613	9938	9896	9815	1.80	cps
Vanadium	51-2	439651	440155	437244	439016	0.35	cps
Yttrium	89-1	8218024	8113697	8118131	8149950	0.72	cps
Yttrium	89-2	286778	271353	279650	279260	2.76	cps
Zinc	66-2	117482	117065	115025	116524	1.13	cps
Zirconium	90-1	17278	16978	16035	16764	3.87	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-04	Instrumnet Name :	P8
Client Sample ID :	ME7GE2S	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:27:49	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3867	3926	3817	3870	1.40	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-01DLX20	Instrumnet Name :	P8
Client Sample ID :	ME7GE2	Dilution Factor :	20
Date & Time Acquired ::	2017-08-22 13:30:57	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	183	267	217	20.35	cps
Antimony	121-1	558	508	600	556	8.26	cps
Arsenic	75-2	11	17	33	20	56.76	cps
Barium	135-1	11989	12139	11889	12006	1.05	cps
Barium	137-1	20717	20709	20308	20578	1.14	cps
Beryllium	9-1	106	78	133	106	26.32	cps
Bismuth	209-1	4772215	4751222	4788197	4770545	0.39	cps
Bismuth	209-2	1547345	1466187	1547701	1520411	3.09	cps
Boron	10-1	1283	1158	1300	1247	6.21	cps
Boron	11-1	5543	5776	5685	5668	2.07	cps
Cadmium	111-1	1236	1156	1252	1215	4.25	cps
Cadmium	106-1	1725	1609	1750	1695	4.46	cps
Cadmium	108-1	13	17	21	17	24.99	cps
Calcium	43-1	78209	78570	78939	78573	0.46	cps
Calcium	44-1	1322848	1320589	1334210	1325882	0.55	cps
Chromium	52-2	1107	987	1067	1053	5.80	cps
Cobalt	59-2	97	100	117	104	10.26	cps
Copper	63-2	1730	1533	1660	1641	6.07	cps
Dysprosium	156-1	308	175	175	219	35.08	cps
Dysprosium	156-2	47	33	47	42	18.24	cps
Erbium	164-1	142	75	167	128	37.08	cps
Erbium	164-2	47	47	33	42	18.24	cps
Gadolinium	160-1	242	192	225	219	11.60	cps
Gadolinium	160-2	37	60	40	46	27.70	cps
Holmium	165-1	7973416	8034042	8064123	8023861	0.58	cps
Holmium	165-2	2048948	1967644	2064683	2027092	2.57	cps
Indium	115-1	7185880	7189940	7244225	7206682	0.45	cps
Indium	115-2	373782	355580	371062	366808	2.68	cps
Iron	56-2	89179	89334	88846	89120	0.28	cps
Iron	57-2	2378	2228	2261	2289	3.44	cps
Lead	206-1	1495	1617	1517	1543	4.22	cps
Lead	207-1	1350	1356	1267	1324	3.76	cps
Lead	208-1	6184	6395	6351	6310	1.76	cps
Lithium	6-1	650541	656005	654663	653736	0.44	cps
Magnesium	24-2	31861	32647	31845	32118	1.43	cps
Manganese	55-2	2767	2600	2670	2679	3.12	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-01DLX20	Instrumnet Name :	P8
Client Sample ID :	ME7GE2	Dilution Factor :	20
Date & Time Acquired ::	2017-08-22 13:30:57	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1033	933	992	986	5.09	cps
Molybdenum	95-1	742	1058	858	886	18.07	cps
Molybdenum	96-1	833	1025	1083	981	13.34	cps
Molybdenum	97-1	658	733	800	731	9.70	cps
Molybdenum	98-1	1358	1275	1358	1331	3.62	cps
Neodymium	150-1	333	193	267	264	26.48	cps
Neodymium	150-2	47	23	37	36	32.93	cps
Nickel	60-2	243	257	277	259	6.48	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	11238	11163	10813	11071	2.05	cps
Rhodium	103-1	6709448	6709944	6778618	6732670	0.59	cps
Rhodium	103-2	1962767	1862031	1934180	1919660	2.70	cps
Scandium	45-1	4019209	4037616	4095200	4050675	0.98	cps
Scandium	45-2	37764	35966	37935	37222	2.93	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	6	4	4	4	24.86	cps
Selenium	82-1	25	-219	-95	-96	-126.99	cps
Silicon	28-1	1127547	1131712	1165340	1141533	1.82	cps
Silver	109-1	683	617	592	631	7.52	cps
Silver	107-1	1550	1625	1571	1582	2.45	cps
Sodium	23-2	593062	595471	592494	593676	0.27	cps
Strontium	86-1	27295	26886	26643	26941	1.22	cps
Strontium	88-1	222494	222121	220681	221765	0.43	cps
Sulfur	34-1	374385	379130	377395	376970	0.64	cps
Terbium	159-1	8408650	8481014	8387786	8425817	0.58	cps
Terbium	159-2	2026836	1879092	1981266	1962398	3.86	cps
Thallium	203-1	92	100	83	92	9.09	cps
Thallium	205-1	225	225	292	247	15.57	cps
Tin	118-1	2334	2425	2167	2309	5.67	cps
Titanium	47-1	833	708	858	800	10.05	cps
Uranium	238-1	458	450	658	522	22.59	cps
Vanadium	51-2	150	143	213	169	22.88	cps
Yttrium	89-1	7538562	7589585	7677648	7601932	0.93	cps
Yttrium	89-2	269877	257982	272716	266858	2.93	cps
Zinc	66-2	1127	1157	1050	1111	4.95	cps
Zirconium	90-1	1383	1125	1342	1283	10.81	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-01DLX20	Instrumnet Name :	P8
Client Sample ID :	ME7GE2	Dilution Factor :	20
Date & Time Acquired ::	2017-08-22 13:30:57	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	250	350	258	286	19.39	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-03DLX20	Instrumnet Name :	P8
Client Sample ID :	ME7GE2D	Dilution Factor :	20
Date & Time Acquired ::	2017-08-22 13:34:24	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	225	158	200	18.16	cps
Antimony	121-1	458	475	650	528	20.12	cps
Arsenic	75-2	20	28	28	25	16.90	cps
Barium	135-1	12348	12056	11797	12067	2.28	cps
Barium	137-1	20609	20984	20884	20825	0.93	cps
Beryllium	9-1	56	61	106	74	37.00	cps
Bismuth	209-1	4791803	4821591	4862137	4825177	0.73	cps
Bismuth	209-2	1576669	1565877	1575738	1572761	0.38	cps
Boron	10-1	967	1008	992	989	2.12	cps
Boron	11-1	4884	4818	4659	4787	2.42	cps
Cadmium	111-1	1344	1228	1081	1218	10.82	cps
Cadmium	106-1	1917	1684	1542	1714	11.05	cps
Cadmium	108-1	8	13	21	14	45.83	cps
Calcium	43-1	81226	80591	79467	80428	1.11	cps
Calcium	44-1	1326536	1343069	1358591	1342732	1.19	cps
Chromium	52-2	1063	993	1050	1036	3.59	cps
Cobalt	59-2	113	90	110	104	12.08	cps
Copper	63-2	1627	1727	1613	1656	3.74	cps
Dysprosium	156-1	108	192	150	150	27.78	cps
Dysprosium	156-2	57	77	67	67	15.00	cps
Erbium	164-1	200	150	175	175	14.28	cps
Erbium	164-2	37	57	60	51	24.69	cps
Gadolinium	160-1	208	217	192	206	6.19	cps
Gadolinium	160-2	53	80	70	68	19.88	cps
Holmium	165-1	8001427	8008278	8237861	8082522	1.66	cps
Holmium	165-2	2092771	2095576	2081549	2089965	0.36	cps
Indium	115-1	7138117	7236632	7370802	7248517	1.61	cps
Indium	115-2	378878	379105	377912	378631	0.17	cps
Iron	56-2	90419	90157	91879	90818	1.02	cps
Iron	57-2	2222	2311	2128	2221	4.13	cps
Lead	206-1	1489	1767	1645	1633	8.52	cps
Lead	207-1	1450	1356	1539	1448	6.33	cps
Lead	208-1	6612	6440	6656	6569	1.74	cps
Lithium	6-1	646942	655083	662078	654701	1.16	cps
Magnesium	24-2	32822	33842	33374	33346	1.53	cps
Manganese	55-2	2847	2907	2760	2838	2.60	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-03DLX20	Instrumnet Name :	P8
Client Sample ID :	ME7GE2D	Dilution Factor :	20
Date & Time Acquired ::	2017-08-22 13:34:24	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1092	958	1159	1070	9.53	cps
Molybdenum	95-1	825	942	1108	958	14.86	cps
Molybdenum	96-1	1075	1117	1058	1083	2.77	cps
Molybdenum	97-1	808	808	742	786	4.90	cps
Molybdenum	98-1	1333	1667	1417	1472	11.78	cps
Neodymium	150-1	233	240	333	269	20.79	cps
Neodymium	150-2	33	43	50	42	19.87	cps
Nickel	60-2	263	257	297	272	7.87	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	11388	11380	11063	11277	1.64	cps
Rhodium	103-1	6680397	6745454	6830787	6752213	1.12	cps
Rhodium	103-2	1982708	1986778	1940400	1969962	1.30	cps
Scandium	45-1	4013398	4079630	4124940	4072656	1.38	cps
Scandium	45-2	38359	38553	39392	38768	1.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	7	4	65.54	cps
Selenium	82-1	-168	-100	-14	-94	-81.79	cps
Silicon	28-1	1133118	1117604	1141470	1130731	1.07	cps
Silver	109-1	292	375	450	372	21.28	cps
Silver	107-1	854	979	1058	964	10.68	cps
Sodium	23-2	604789	606368	610394	607183	0.48	cps
Strontium	86-1	26602	26510	26961	26691	0.89	cps
Strontium	88-1	222310	224899	227855	225021	1.23	cps
Sulfur	34-1	383124	382367	386732	384074	0.61	cps
Terbium	159-1	8375988	8389299	8493835	8419708	0.77	cps
Terbium	159-2	2023958	2040434	1997442	2020611	1.07	cps
Thallium	203-1	108	108	83	100	14.43	cps
Thallium	205-1	242	275	267	261	6.64	cps
Tin	118-1	2325	2342	2200	2289	3.38	cps
Titanium	47-1	625	842	800	756	15.22	cps
Uranium	238-1	475	525	658	553	17.14	cps
Vanadium	51-2	163	170	133	156	12.55	cps
Yttrium	89-1	7584927	7704661	7811902	7700496	1.47	cps
Yttrium	89-2	277086	277167	278583	277612	0.30	cps
Zinc	66-2	1137	1140	1057	1111	4.25	cps
Zirconium	90-1	1075	1117	1225	1139	6.80	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-03DLX20	Instrumnet Name :	P8
Client Sample ID :	ME7GE2D	Dilution Factor :	20
Date & Time Acquired ::	2017-08-22 13:34:24	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	225	417	281	42.25	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	ME7GE2L	Dilution Factor :	100
Date & Time Acquired ::	2017-08-22 13:37:33	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	83	58	69	18.33	cps
Antimony	121-1	217	242	317	258	20.15	cps
Arsenic	75-2	9	2	6	6	66.68	cps
Barium	135-1	2642	2425	2209	2425	8.94	cps
Barium	137-1	4434	4509	4551	4498	1.31	cps
Beryllium	9-1	83	78	94	85	9.96	cps
Bismuth	209-1	4777796	4844809	4785317	4802641	0.76	cps
Bismuth	209-2	1549146	1532616	1547192	1542985	0.59	cps
Boron	10-1	658	633	675	656	3.20	cps
Boron	11-1	3059	2917	3267	3081	5.72	cps
Cadmium	111-1	1160	1309	1187	1219	6.53	cps
Cadmium	106-1	1642	1825	1659	1709	5.93	cps
Cadmium	108-1	21	8	4	11	78.05	cps
Calcium	43-1	17194	17578	17228	17334	1.23	cps
Calcium	44-1	297630	291662	292770	294021	1.08	cps
Chromium	52-2	890	907	833	877	4.39	cps
Cobalt	59-2	53	53	53	53	0.00	cps
Copper	63-2	707	717	730	718	1.63	cps
Dysprosium	156-1	50	50	42	47	10.18	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	25	58	67	50	44.10	cps
Erbium	164-2	23	17	33	24	34.31	cps
Gadolinium	160-1	117	142	100	119	17.56	cps
Gadolinium	160-2	27	17	7	17	59.99	cps
Holmium	165-1	8028248	8115288	8069895	8071144	0.54	cps
Holmium	165-2	2040403	2034870	2048743	2041339	0.34	cps
Indium	115-1	7110883	7230866	7262025	7201258	1.11	cps
Indium	115-2	369335	367473	370737	369182	0.44	cps
Iron	56-2	19609	19865	20543	20006	2.41	cps
Iron	57-2	472	550	500	507	7.77	cps
Lead	206-1	767	739	739	748	2.14	cps
Lead	207-1	561	700	689	650	11.87	cps
Lead	208-1	2928	2945	2956	2943	0.48	cps
Lithium	6-1	644802	654124	653822	650916	0.81	cps
Magnesium	24-2	6360	6985	6569	6638	4.80	cps
Manganese	55-2	653	610	527	597	10.79	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	ME7GE2L	Dilution Factor :	100
Date & Time Acquired ::	2017-08-22 13:37:33	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	367	383	383	378	2.55	cps
Molybdenum	95-1	250	175	217	214	17.57	cps
Molybdenum	96-1	408	433	442	428	4.06	cps
Molybdenum	97-1	358	417	333	369	11.58	cps
Molybdenum	98-1	392	275	308	325	18.49	cps
Neodymium	150-1	27	67	40	44	45.82	cps
Neodymium	150-2	10	7	13	10	33.30	cps
Nickel	60-2	217	177	193	196	10.27	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	5151	5068	5043	5087	1.12	cps
Rhodium	103-1	6710564	6771125	6768056	6749915	0.51	cps
Rhodium	103-2	1958911	1918661	1935285	1937619	1.04	cps
Scandium	45-1	4034346	4044930	4061749	4047008	0.34	cps
Scandium	45-2	37203	37864	37256	37441	0.98	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	7	3	124.95	cps
Selenium	82-1	-105	-35	-138	-93	-56.56	cps
Silicon	28-1	586957	584682	581717	584452	0.45	cps
Silver	109-1	250	308	317	292	12.45	cps
Silver	107-1	700	746	750	732	3.79	cps
Sodium	23-2	119995	118995	118305	119099	0.71	cps
Strontium	86-1	5818	5852	5843	5838	0.30	cps
Strontium	88-1	45176	45109	43796	44694	1.74	cps
Sulfur	34-1	375213	374764	376008	375328	0.17	cps
Terbium	159-1	8317870	8443880	8391214	8384321	0.75	cps
Terbium	159-2	1966425	1956974	1981325	1968241	0.62	cps
Thallium	203-1	108	133	133	125	11.55	cps
Thallium	205-1	200	325	200	242	29.86	cps
Tin	118-1	2617	2475	2759	2617	5.42	cps
Titanium	47-1	383	258	300	314	20.28	cps
Uranium	238-1	167	158	117	147	18.20	cps
Vanadium	51-2	37	60	27	41	41.60	cps
Yttrium	89-1	7604075	7700344	7731848	7678756	0.87	cps
Yttrium	89-2	269848	270690	273670	271403	0.74	cps
Zinc	66-2	347	273	273	298	14.22	cps
Zirconium	90-1	700	642	742	694	7.23	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	ME7GE2L	Dilution Factor :	100
Date & Time Acquired ::	2017-08-22 13:37:33	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	108	133	117	12.37	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-04DLX20	Instrumnet Name :	P8
Client Sample ID :	ME7GE2S	Dilution Factor :	20
Date & Time Acquired ::	2017-08-22 13:40:43	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	983	925	1092	1000	8.46	cps
Antimony	121-1	55132	56470	54646	55416	1.70	cps
Arsenic	75-2	280	311	291	294	5.43	cps
Barium	135-1	238013	238087	233256	236452	1.17	cps
Barium	137-1	409900	406238	406793	407644	0.48	cps
Beryllium	9-1	3284	2950	3128	3121	5.35	cps
Bismuth	209-1	4933482	4943217	4874454	4917051	0.76	cps
Bismuth	209-2	1517213	1606912	1582748	1568958	2.96	cps
Boron	10-1	792	950	842	861	9.40	cps
Boron	11-1	4184	4359	4201	4248	2.27	cps
Cadmium	111-1	7518	7394	7753	7555	2.41	cps
Cadmium	106-1	2184	2242	2325	2250	3.16	cps
Cadmium	108-1	458	383	371	404	11.71	cps
Calcium	43-1	77271	76215	79500	77662	2.16	cps
Calcium	44-1	1311107	1312188	1329647	1317647	0.79	cps
Chromium	52-2	12572	12693	12322	12529	1.51	cps
Cobalt	59-2	61699	61669	61455	61608	0.22	cps
Copper	63-2	28366	28319	28129	28271	0.44	cps
Dysprosium	156-1	108	150	200	153	30.04	cps
Dysprosium	156-2	40	13	43	32	51.04	cps
Erbium	164-1	133	158	175	156	13.48	cps
Erbium	164-2	37	30	37	34	11.18	cps
Gadolinium	160-1	242	267	217	242	10.34	cps
Gadolinium	160-2	67	70	57	64	10.76	cps
Holmium	165-1	8193736	8255331	8162905	8203991	0.57	cps
Holmium	165-2	2009803	2116992	2114566	2080454	2.94	cps
Indium	115-1	7391689	7329807	7361453	7360983	0.42	cps
Indium	115-2	365108	386051	380383	377180	2.87	cps
Iron	56-2	125329	127005	127813	126716	1.00	cps
Iron	57-2	3089	3023	3162	3091	2.25	cps
Lead	206-1	7480	7619	7336	7478	1.90	cps
Lead	207-1	6758	6557	6669	6661	1.51	cps
Lead	208-1	30065	30438	30076	30193	0.70	cps
Lithium	6-1	665973	666007	668545	666841	0.22	cps
Magnesium	24-2	32213	33156	33165	32845	1.67	cps
Manganese	55-2	11275	11165	10948	11129	1.49	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-04DLX20	Instrumnet Name :	P8
Client Sample ID :	ME7GE2S	Dilution Factor :	20
Date & Time Acquired ::	2017-08-22 13:40:43	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1192	917	792	967	21.17	cps
Molybdenum	95-1	800	758	917	825	9.95	cps
Molybdenum	96-1	1150	1192	1142	1161	2.31	cps
Molybdenum	97-1	608	750	817	725	14.68	cps
Molybdenum	98-1	1467	1408	1408	1428	2.36	cps
Neodymium	150-1	187	260	233	227	16.38	cps
Neodymium	150-2	43	50	43	46	8.45	cps
Nickel	60-2	18342	18092	18132	18189	0.74	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	10638	10663	10846	10716	1.06	cps
Rhodium	103-1	7005744	6995585	6953502	6984943	0.40	cps
Rhodium	103-2	1885549	2017581	1987130	1963420	3.52	cps
Scandium	45-1	4176025	4169586	4167149	4170920	0.11	cps
Scandium	45-2	36504	38920	39121	38182	3.81	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	28	20	39	29	32.13	cps
Selenium	82-1	495	709	804	669	23.67	cps
Silicon	28-1	1095297	1114303	1101105	1103568	0.88	cps
Silver	109-1	26561	26803	25400	26255	2.86	cps
Silver	107-1	67128	67992	66005	67042	1.49	cps
Sodium	23-2	592294	592444	590096	591611	0.22	cps
Strontium	86-1	25925	26326	26485	26246	1.10	cps
Strontium	88-1	220294	220208	219032	219845	0.32	cps
Sulfur	34-1	394137	389430	394796	392788	0.75	cps
Terbium	159-1	8654160	8577856	8522067	8584694	0.77	cps
Terbium	159-2	1957542	2078145	2014740	2016809	2.99	cps
Thallium	203-1	18114	18673	18005	18264	1.96	cps
Thallium	205-1	43977	43459	43609	43682	0.61	cps
Tin	118-1	2384	1967	2450	2267	11.56	cps
Titanium	47-1	667	575	825	689	18.36	cps
Uranium	238-1	558	575	567	567	1.47	cps
Vanadium	51-2	21547	21610	21226	21461	0.96	cps
Yttrium	89-1	7813987	7847051	7917350	7859463	0.67	cps
Yttrium	89-2	270700	280393	277597	276230	1.81	cps
Zinc	66-2	5641	5775	5928	5781	2.48	cps
Zirconium	90-1	1383	1133	1125	1214	12.09	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-04DLX20	Instrumnet Name :	P8
Client Sample ID :	ME7GE2S	Dilution Factor :	20
Date & Time Acquired ::	2017-08-22 13:40:43	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	308	225	217	250	20.28	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-02DLX20	Instrumnet Name :	P8
Client Sample ID :	ME7GE3	Dilution Factor :	20
Date & Time Acquired ::	2017-08-22 13:43:52	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	8	42	28	62.46	cps
Antimony	121-1	208	150	175	178	16.46	cps
Arsenic	75-2	4	2	2	2	43.30	cps
Barium	135-1	83	42	75	67	33.07	cps
Barium	137-1	142	133	133	136	3.53	cps
Beryllium	9-1	56	67	111	78	37.79	cps
Bismuth	209-1	4930043	4999103	4881357	4936834	1.20	cps
Bismuth	209-2	1581142	1469308	1570432	1540294	4.01	cps
Boron	10-1	442	508	458	469	7.39	cps
Boron	11-1	2125	2317	2175	2206	4.51	cps
Cadmium	111-1	1092	1436	1240	1256	13.75	cps
Cadmium	106-1	1542	2042	1759	1781	14.08	cps
Cadmium	108-1	0	8	17	8	100.02	cps
Calcium	43-1	2675	2592	2517	2595	3.05	cps
Calcium	44-1	47766	48527	48518	48270	0.90	cps
Chromium	52-2	940	913	820	891	7.07	cps
Cobalt	59-2	40	43	33	39	13.09	cps
Copper	63-2	583	530	573	562	5.04	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	8	33	58	33	75.02	cps
Erbium	164-2	7	0	10	6	91.64	cps
Gadolinium	160-1	67	92	133	97	34.64	cps
Gadolinium	160-2	10	0	10	7	86.60	cps
Holmium	165-1	8176189	8097455	8143960	8139201	0.49	cps
Holmium	165-2	2106764	1933099	2075753	2038539	4.54	cps
Indium	115-1	7292526	7342404	7374209	7336380	0.56	cps
Indium	115-2	378198	354474	380329	371000	3.87	cps
Iron	56-2	3073	2823	2873	2923	4.53	cps
Iron	57-2	89	106	100	98	8.65	cps
Lead	206-1	567	439	428	478	16.15	cps
Lead	207-1	428	472	467	456	5.32	cps
Lead	208-1	2100	2183	1989	2091	4.67	cps
Lithium	6-1	660733	663617	659125	661158	0.34	cps
Magnesium	24-2	267	242	292	267	9.37	cps
Manganese	55-2	70	80	60	70	14.29	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-02DLX20	Instrumnet Name :	P8
Client Sample ID :	ME7GE3	Dilution Factor :	20
Date & Time Acquired ::	2017-08-22 13:43:52	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	208	192	350	250	34.80	cps
Molybdenum	95-1	33	42	50	42	20.00	cps
Molybdenum	96-1	133	142	250	175	37.19	cps
Molybdenum	97-1	267	283	208	253	15.58	cps
Molybdenum	98-1	50	58	67	58	14.29	cps
Neodymium	150-1	47	7	20	24	83.31	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	180	190	167	179	6.54	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	3409	3276	3409	3364	2.29	cps
Rhodium	103-1	6869129	6912111	6884786	6888675	0.32	cps
Rhodium	103-2	2001739	1864399	1959368	1941835	3.62	cps
Scandium	45-1	4116037	4156369	4111399	4127935	0.60	cps
Scandium	45-2	39255	36267	39181	38234	4.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	6	4	4	50.09	cps
Selenium	82-1	-74	-72	-67	-71	-5.37	cps
Silicon	28-1	403922	401943	408897	404920	0.88	cps
Silver	109-1	217	208	192	206	6.19	cps
Silver	107-1	492	588	596	558	10.37	cps
Sodium	23-2	5476	5718	5460	5551	2.61	cps
Strontium	86-1	975	1117	1158	1083	8.87	cps
Strontium	88-1	442	517	650	536	19.68	cps
Sulfur	34-1	378109	379376	381878	379788	0.51	cps
Terbium	159-1	8617711	8517681	8543018	8559470	0.61	cps
Terbium	159-2	2048181	1909192	2028256	1995210	3.77	cps
Thallium	203-1	150	192	183	175	12.60	cps
Thallium	205-1	217	283	267	256	13.58	cps
Tin	118-1	2492	2567	2509	2523	1.56	cps
Titanium	47-1	217	258	100	192	42.82	cps
Uranium	238-1	50	33	50	44	21.66	cps
Vanadium	51-2	17	13	10	13	25.01	cps
Yttrium	89-1	7826041	7805529	7811122	7814231	0.14	cps
Yttrium	89-2	277189	257293	277131	270538	4.24	cps
Zinc	66-2	93	137	167	132	27.88	cps
Zirconium	90-1	483	525	533	514	5.21	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4722-02DLX20	Instrumnet Name :	P8
Client Sample ID :	ME7GE3	Dilution Factor :	20
Date & Time Acquired ::	2017-08-22 13:43:52	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	200	133	133	50.00	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:47:01	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	374244	372715	367254	371405	0.99	cps
Antimony	121-1	5264876	5208623	5235070	5236189	0.54	cps
Arsenic	75-2	64369	64248	64289	64302	0.10	cps
Barium	135-1	5391121	5349054	5340449	5360208	0.51	cps
Barium	137-1	9247418	9140295	9195282	9194331	0.58	cps
Beryllium	9-1	553027	551953	546686	550555	0.62	cps
Bismuth	209-1	4635546	4686565	4682399	4668170	0.61	cps
Bismuth	209-2	1473757	1467010	1476173	1472313	0.32	cps
Boron	10-1	64789	65550	66396	65578	1.23	cps
Boron	11-1	304691	308055	306597	306448	0.55	cps
Cadmium	111-1	1112963	1107682	1103340	1107995	0.43	cps
Cadmium	106-1	118904	114198	117728	116943	2.09	cps
Cadmium	108-1	78510	77659	78188	78119	0.55	cps
Calcium	43-1	5170051	5185858	5227636	5194515	0.57	cps
Calcium	44-1	84883504	84430377	84203062	84505648	0.41	cps
Chromium	52-2	516239	514947	515053	515413	0.14	cps
Cobalt	59-2	1057926	1067360	1063399	1062895	0.45	cps
Copper	63-2	1833280	1829797	1820930	1828002	0.35	cps
Dysprosium	156-1	108	92	133	111	18.88	cps
Dysprosium	156-2	13	10	17	13	25.01	cps
Erbium	164-1	42	33	83	53	50.76	cps
Erbium	164-2	17	10	7	11	45.82	cps
Gadolinium	160-1	125	125	133	128	3.76	cps
Gadolinium	160-2	27	40	50	39	30.10	cps
Holmium	165-1	8116433	8211591	8201611	8176545	0.64	cps
Holmium	165-2	2054495	2030896	2050599	2045330	0.62	cps
Indium	115-1	6779042	6890599	6860306	6843315	0.84	cps
Indium	115-2	347379	342414	344739	344844	0.72	cps
Iron	56-2	85207188	84487699	84998519	84897802	0.44	cps
Iron	57-2	2158221	2174811	2188989	2174007	0.71	cps
Lead	206-1	2855874	2868976	2792082	2838977	1.45	cps
Lead	207-1	2622714	2632255	2598453	2617807	0.67	cps
Lead	208-1	11560131	11571351	11449964	11527149	0.58	cps
Lithium	6-1	609263	619199	620220	616228	0.98	cps
Magnesium	24-2	8779942	8743742	8772039	8765241	0.22	cps
Manganese	55-2	293333	295959	293168	294153	0.53	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:47:01	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4225108	4188799	4176931	4196946	0.60	cps
Molybdenum	95-1	2286807	2262423	2246134	2265121	0.90	cps
Molybdenum	96-1	2934516	2854897	2898366	2895926	1.38	cps
Molybdenum	97-1	1377269	1369779	1394631	1380559	0.92	cps
Molybdenum	98-1	3628918	3607787	3615228	3617311	0.30	cps
Neodymium	150-1	280	220	227	242	13.58	cps
Neodymium	150-2	17	27	23	22	22.91	cps
Nickel	60-2	305768	307318	308127	307071	0.39	cps
Phosphorus	31-2	5585	5743	5543	5624	1.88	cps
Potassium	39-2	2754850	2778760	2765909	2766506	0.43	cps
Rhodium	103-1	6222373	6191761	6239642	6217925	0.39	cps
Rhodium	103-2	1796576	1776448	1797232	1790085	0.66	cps
Scandium	45-1	3820760	3878803	3886763	3862109	0.93	cps
Scandium	45-2	36538	35866	37233	36545	1.87	cps
Selenium	77-2	467	450	567	494	12.76	cps
Selenium	78-2	1687	1515	1633	1612	5.47	cps
Selenium	82-1	68479	68107	68258	68281	0.27	cps
Silicon	28-1	2242762	2248742	2243140	2244882	0.15	cps
Silver	109-1	5146545	5145619	5119494	5137219	0.30	cps
Silver	107-1	13112025	13034460	13028579	13058355	0.36	cps
Sodium	23-2	21254456	21114533	21133282	21167424	0.36	cps
Strontium	86-1	1496808	1474699	1473614	1481707	0.88	cps
Strontium	88-1	12656719	12614626	12572097	12614481	0.34	cps
Sulfur	34-1	691448	688564	684761	688257	0.49	cps
Terbium	159-1	8420818	8552781	8522894	8498831	0.81	cps
Terbium	159-2	1965246	1980365	1978868	1974826	0.42	cps
Thallium	203-1	3528841	3547364	3545467	3540558	0.29	cps
Thallium	205-1	8296631	8239090	8219332	8251684	0.49	cps
Tin	118-1	3627848	3659301	3612058	3633069	0.66	cps
Titanium	47-1	556686	549130	551835	552550	0.69	cps
Uranium	238-1	10745413	10901669	10813146	10820076	0.72	cps
Vanadium	51-2	385633	387478	384242	385784	0.42	cps
Yttrium	89-1	7333473	7493736	7454084	7427098	1.12	cps
Yttrium	89-2	261537	261653	262481	261890	0.20	cps
Zinc	66-2	167311	168365	168334	168003	0.36	cps
Zirconium	90-1	7914925	7908357	7849136	7890806	0.46	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:47:01	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1813033	1782673	1795879	1797195	0.85	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : CCB41 Instrumnet Name : P8
 Client Sample ID : CCB41 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 13:50:01 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	33	42	36	13.33	cps
Antimony	121-1	2892	2767	2734	2798	2.98	cps
Arsenic	75-2	4	7	2	4	65.54	cps
Barium	135-1	33	33	75	47	50.95	cps
Barium	137-1	92	142	75	103	33.76	cps
Beryllium	9-1	139	139	167	148	10.83	cps
Bismuth	209-1	4968994	4994974	4906146	4956705	0.92	cps
Bismuth	209-2	1409441	1555669	1552530	1505880	5.55	cps
Boron	10-1	1742	1925	1684	1784	7.07	cps
Boron	11-1	9253	8278	8353	8628	6.29	cps
Cadmium	111-1	1278	1314	1301	1298	1.40	cps
Cadmium	106-1	1775	1817	1825	1806	1.48	cps
Cadmium	108-1	21	29	21	24	20.39	cps
Calcium	43-1	2325	2334	2442	2367	2.75	cps
Calcium	44-1	48042	47138	47916	47699	1.03	cps
Chromium	52-2	853	803	853	837	3.45	cps
Cobalt	59-2	20	43	43	36	37.89	cps
Copper	63-2	370	323	367	353	7.37	cps
Dysprosium	156-1	0	25	17	14	91.65	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	83	42	56	43.30	cps
Erbium	164-2	13	0	0	4	173.21	cps
Gadolinium	160-1	92	83	58	78	22.30	cps
Gadolinium	160-2	13	0	7	7	99.98	cps
Holmium	165-1	8187821	8326752	8155679	8223417	1.11	cps
Holmium	165-2	1859311	2037994	2048037	1981781	5.36	cps
Indium	115-1	7185248	7242469	7192693	7206803	0.43	cps
Indium	115-2	335494	365084	366292	355623	4.90	cps
Iron	56-2	3428	3250	3078	3252	5.38	cps
Iron	57-2	122	72	100	98	25.53	cps
Lead	206-1	589	700	578	622	10.86	cps
Lead	207-1	533	622	606	587	8.05	cps
Lead	208-1	2461	2861	2461	2595	8.90	cps
Lithium	6-1	651150	658853	647921	652641	0.86	cps
Magnesium	24-2	167	175	275	206	29.33	cps
Manganese	55-2	70	40	53	54	27.61	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : CCB41 Instrumnet Name : P8
 Client Sample ID : CCB41 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 13:50:01 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	842	575	708	708	18.82	cps
Molybdenum	95-1	292	192	250	244	20.55	cps
Molybdenum	96-1	492	408	408	436	11.03	cps
Molybdenum	97-1	333	383	342	353	7.59	cps
Molybdenum	98-1	325	308	308	314	3.07	cps
Neodymium	150-1	20	20	27	22	17.33	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	183	140	153	159	13.97	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	3826	3801	3842	3823	0.55	cps
Rhodium	103-1	6823377	6858381	6736039	6805932	0.93	cps
Rhodium	103-2	1752424	1933287	1897837	1861182	5.15	cps
Scandium	45-1	3985265	4047606	3981646	4004839	0.93	cps
Scandium	45-2	33755	37998	36969	36241	6.11	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	-119	-100	-115	-111	-8.71	cps
Silicon	28-1	416337	415133	412763	414744	0.44	cps
Silver	109-1	383	300	308	331	13.88	cps
Silver	107-1	1042	817	771	876	16.54	cps
Sodium	23-2	8978	9645	8795	9139	4.90	cps
Strontium	86-1	958	1000	983	981	2.14	cps
Strontium	88-1	342	342	358	347	2.77	cps
Sulfur	34-1	373282	368041	374754	372025	0.95	cps
Terbium	159-1	8624024	8635669	8467007	8575567	1.10	cps
Terbium	159-2	1812820	1985651	1971761	1923411	4.99	cps
Thallium	203-1	625	667	608	633	4.74	cps
Thallium	205-1	1509	1308	1250	1356	10.00	cps
Tin	118-1	2292	1967	2367	2209	9.63	cps
Titanium	47-1	167	225	142	178	24.05	cps
Uranium	238-1	192	117	217	175	29.74	cps
Vanadium	51-2	30	30	7	22	60.61	cps
Yttrium	89-1	7623487	7636087	7548706	7602760	0.62	cps
Yttrium	89-2	244527	266768	266942	259412	4.97	cps
Zinc	66-2	57	80	50	62	25.32	cps
Zirconium	90-1	1759	1317	1250	1442	19.16	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P8
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:50:01	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	292	283	242	272	9.84	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4895-19RE Instrumnet Name : P8
 Client Sample ID : DC2032-20-BS-CL2-W4- Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 13:55:42 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	58	50	86	64.44	cps
Antimony	121-1	1125	967	1150	1081	9.20	cps
Arsenic	75-2	56	37	37	43	24.74	cps
Barium	135-1	33393	31012	32399	32268	3.71	cps
Barium	137-1	55995	56153	55200	55782	0.92	cps
Beryllium	9-1	139	94	89	107	25.51	cps
Bismuth	209-1	4478039	4733918	4723457	4645138	3.12	cps
Bismuth	209-2	1535146	1526395	1512987	1524842	0.73	cps
Boron	10-1	1258	1450	1400	1370	7.26	cps
Boron	11-1	6902	6952	7169	7008	2.02	cps
Cadmium	111-1	961	1312	1329	1201	17.33	cps
Cadmium	106-1	1350	1842	1925	1706	18.22	cps
Cadmium	108-1	38	21	63	40	52.07	cps
Calcium	43-1	116632	115841	116027	116167	0.36	cps
Calcium	44-1	1931114	1957839	1947000	1945318	0.69	cps
Chromium	52-2	1253	1237	1227	1239	1.09	cps
Cobalt	59-2	123	93	120	112	14.65	cps
Copper	63-2	267212	266941	267775	267309	0.16	cps
Dysprosium	156-1	17	17	42	25	57.73	cps
Dysprosium	156-2	20	7	7	11	69.25	cps
Erbium	164-1	83	67	83	78	12.37	cps
Erbium	164-2	23	23	27	24	7.89	cps
Gadolinium	160-1	117	100	92	103	12.39	cps
Gadolinium	160-2	10	17	17	14	26.66	cps
Holmium	165-1	7597522	8047502	7852726	7832583	2.88	cps
Holmium	165-2	2060993	2024196	2007154	2030781	1.36	cps
Indium	115-1	6727188	7066291	7002512	6931997	2.60	cps
Indium	115-2	363563	362573	362969	363035	0.14	cps
Iron	56-2	17689	17333	16855	17293	2.42	cps
Iron	57-2	356	417	433	402	10.19	cps
Lead	206-1	2545	2556	2628	2576	1.76	cps
Lead	207-1	2089	2328	2122	2180	5.94	cps
Lead	208-1	10296	10119	9980	10132	1.57	cps
Lithium	6-1	611520	633711	633273	626168	2.03	cps
Magnesium	24-2	40710	42230	41495	41478	1.83	cps
Manganese	55-2	3170	3060	3127	3119	1.78	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4895-19RE	Instrumnet Name :	P8
Client Sample ID :	DC2032-20-BS-CL2-W4-	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:55:42	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1650	1792	1467	1636	9.96	cps
Molybdenum	95-1	275	192	258	242	18.25	cps
Molybdenum	96-1	575	633	608	606	4.83	cps
Molybdenum	97-1	317	258	450	342	28.76	cps
Molybdenum	98-1	458	442	392	431	8.06	cps
Neodymium	150-1	40	33	40	38	10.19	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	693	717	757	722	4.44	cps
Phosphorus	31-2	317	408	375	367	12.66	cps
Potassium	39-2	14275	13749	14183	14069	2.00	cps
Rhodium	103-1	6240841	6568027	6506929	6438599	2.70	cps
Rhodium	103-2	1903627	1907184	1888648	1899820	0.52	cps
Scandium	45-1	3733522	3932412	3863649	3843194	2.63	cps
Scandium	45-2	37183	36855	36949	36995	0.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	11	4	137.79	cps
Selenium	82-1	-133	-120	-164	-139	-16.35	cps
Silicon	28-1	3350104	3375819	3430869	3385597	1.22	cps
Silver	109-1	333	300	242	292	15.91	cps
Silver	107-1	908	758	671	779	15.42	cps
Sodium	23-2	799616	797354	786960	794643	0.85	cps
Strontium	86-1	50988	50921	50127	50678	0.95	cps
Strontium	88-1	437426	439159	438736	438440	0.21	cps
Sulfur	34-1	419752	416032	417514	417766	0.45	cps
Terbium	159-1	7967606	8255160	8231042	8151269	1.96	cps
Terbium	159-2	1963749	1954942	1971981	1963558	0.43	cps
Thallium	203-1	258	258	225	247	7.79	cps
Thallium	205-1	417	408	350	392	9.27	cps
Tin	118-1	1567	1659	1684	1636	3.75	cps
Titanium	47-1	475	392	533	467	15.26	cps
Uranium	238-1	375	358	183	306	34.75	cps
Vanadium	51-2	77	50	57	61	22.71	cps
Yttrium	89-1	7133043	7362269	7401794	7299035	1.99	cps
Yttrium	89-2	268374	267733	265734	267280	0.52	cps
Zinc	66-2	17935	18509	17955	18133	1.80	cps
Zirconium	90-1	4268	4009	3651	3976	7.79	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4895-19RE	Instrumnet Name :	P8
Client Sample ID :	DC2032-20-BS-CL2-W4-	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:55:42	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1050	858	833	914	12.97	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4895-20RE Instrumnet Name : P8
 Client Sample ID : DC2032-21-BS-CL2-W4- Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 13:58:51 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	100	100	86	27.94	cps
Antimony	121-1	758	825	908	831	9.05	cps
Arsenic	75-2	46	41	56	48	15.75	cps
Barium	135-1	36677	35941	36635	36418	1.13	cps
Barium	137-1	63470	63662	61636	62923	1.78	cps
Beryllium	9-1	89	78	83	83	6.67	cps
Bismuth	209-1	5264015	5187945	5183446	5211802	0.87	cps
Bismuth	209-2	1679968	1463758	1615126	1586284	6.99	cps
Boron	10-1	1233	1125	1450	1270	13.04	cps
Boron	11-1	5535	5601	5901	5679	3.44	cps
Cadmium	111-1	1291	1278	1275	1281	0.65	cps
Cadmium	106-1	1809	1800	1800	1803	0.27	cps
Cadmium	108-1	13	4	21	13	66.64	cps
Calcium	43-1	131957	128911	129703	130190	1.21	cps
Calcium	44-1	2192483	2145612	2163595	2167230	1.09	cps
Chromium	52-2	1130	1030	1027	1062	5.53	cps
Cobalt	59-2	50	60	77	62	21.65	cps
Copper	63-2	287158	287636	285639	286811	0.36	cps
Dysprosium	156-1	92	42	42	58	49.48	cps
Dysprosium	156-2	7	27	13	16	65.47	cps
Erbium	164-1	75	75	58	69	13.85	cps
Erbium	164-2	17	3	13	11	62.48	cps
Gadolinium	160-1	108	183	142	144	26.01	cps
Gadolinium	160-2	30	23	37	30	22.23	cps
Holmium	165-1	8815559	8578453	8654918	8682977	1.39	cps
Holmium	165-2	2217334	1933337	2136926	2095866	6.98	cps
Indium	115-1	7765937	7724427	7699882	7730082	0.43	cps
Indium	115-2	395915	349406	385458	376926	6.47	cps
Iron	56-2	18725	18218	18801	18582	1.71	cps
Iron	57-2	406	372	528	435	18.82	cps
Lead	206-1	1817	1734	1761	1771	2.40	cps
Lead	207-1	1445	1472	1634	1517	6.73	cps
Lead	208-1	6712	6923	6995	6877	2.14	cps
Lithium	6-1	702410	692649	694229	696429	0.75	cps
Magnesium	24-2	44237	43827	44362	44142	0.63	cps
Manganese	55-2	3977	3837	3917	3911	1.80	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4895-20RE	Instrumnet Name :	P8
Client Sample ID :	DC2032-21-BS-CL2-W4-	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:58:51	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1133	1283	858	1092	19.74	cps
Molybdenum	95-1	308	400	317	342	14.84	cps
Molybdenum	96-1	592	575	475	547	11.53	cps
Molybdenum	97-1	400	333	350	361	9.61	cps
Molybdenum	98-1	375	475	367	406	14.87	cps
Neodymium	150-1	73	27	20	40	72.65	cps
Neodymium	150-2	7	13	0	7	99.98	cps
Nickel	60-2	370	400	313	361	12.19	cps
Phosphorus	31-2	300	383	500	394	25.47	cps
Potassium	39-2	14833	14283	14758	14625	2.04	cps
Rhodium	103-1	7176060	7058978	7181464	7138834	0.97	cps
Rhodium	103-2	2068067	1817103	2032151	1972440	6.88	cps
Scandium	45-1	4366378	4288433	4329045	4327952	0.90	cps
Scandium	45-2	40893	35934	38623	38483	6.45	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	2	0	2	114.63	cps
Selenium	82-1	-24	-103	-75	-67	-59.86	cps
Silicon	28-1	3891283	3660799	3684630	3745571	3.38	cps
Silver	109-1	308	308	308	308	0.00	cps
Silver	107-1	771	788	863	807	6.05	cps
Sodium	23-2	891493	886640	878189	885441	0.76	cps
Strontium	86-1	57723	57656	58016	57798	0.33	cps
Strontium	88-1	493171	493442	489807	492140	0.41	cps
Sulfur	34-1	415351	412471	411011	412944	0.53	cps
Terbium	159-1	9116753	9086073	8952575	9051801	0.96	cps
Terbium	159-2	2134796	1851379	2058160	2014778	7.28	cps
Thallium	203-1	150	192	217	186	18.10	cps
Thallium	205-1	317	375	342	344	8.50	cps
Tin	118-1	892	933	858	895	4.20	cps
Titanium	47-1	767	542	567	625	19.74	cps
Uranium	238-1	283	308	267	286	7.33	cps
Vanadium	51-2	33	67	43	48	35.81	cps
Yttrium	89-1	8211456	8100200	8100405	8137354	0.79	cps
Yttrium	89-2	290013	254778	282108	275633	6.71	cps
Zinc	66-2	2494	2760	2590	2615	5.16	cps
Zirconium	90-1	2600	2650	2159	2470	10.96	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4895-20RE	Instrumnet Name :	P8
Client Sample ID :	DC2032-21-BS-CL2-W4-	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 13:58:51	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	633	717	592	647	9.83	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4896-33RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-34-FL1-CL107	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:02:00	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	117	108	125	17.64	cps
Antimony	121-1	708	883	742	778	11.95	cps
Arsenic	75-2	57	39	43	46	21.17	cps
Barium	135-1	35231	35123	35683	35345	0.84	cps
Barium	137-1	60338	61235	61360	60978	0.91	cps
Beryllium	9-1	144	83	117	115	26.65	cps
Bismuth	209-1	5053573	5142817	5090132	5095507	0.88	cps
Bismuth	209-2	1627072	1625345	1614485	1622301	0.42	cps
Boron	10-1	1183	1425	950	1186	20.03	cps
Boron	11-1	4984	5760	5518	5421	7.32	cps
Cadmium	111-1	1450	1409	1376	1412	2.62	cps
Cadmium	106-1	2050	1942	1909	1967	3.77	cps
Cadmium	108-1	50	13	38	33	57.28	cps
Calcium	43-1	131774	129466	130182	130474	0.91	cps
Calcium	44-1	2173672	2204125	2177401	2185066	0.76	cps
Chromium	52-2	1133	1080	1250	1155	7.53	cps
Cobalt	59-2	107	90	57	84	30.15	cps
Copper	63-2	293847	292168	291883	292633	0.36	cps
Dysprosium	156-1	42	25	75	47	53.91	cps
Dysprosium	156-2	13	3	50	22	110.60	cps
Erbium	164-1	83	50	42	58	37.80	cps
Erbium	164-2	17	13	17	16	12.40	cps
Gadolinium	160-1	117	100	125	114	11.18	cps
Gadolinium	160-2	20	23	7	17	52.90	cps
Holmium	165-1	8430743	8394592	8475177	8433504	0.48	cps
Holmium	165-2	2131654	2145917	2174281	2150617	1.01	cps
Indium	115-1	7453373	7530643	7521289	7501768	0.56	cps
Indium	115-2	390761	387473	390024	389419	0.44	cps
Iron	56-2	18596	18997	17695	18429	3.62	cps
Iron	57-2	506	456	411	457	10.33	cps
Lead	206-1	3656	3795	3806	3753	2.23	cps
Lead	207-1	3117	3156	3573	3282	7.70	cps
Lead	208-1	14381	14743	15382	14835	3.41	cps
Lithium	6-1	681097	680742	684593	682144	0.31	cps
Magnesium	24-2	42665	43075	43108	42949	0.57	cps
Manganese	55-2	4354	4311	4134	4266	2.73	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4896-33RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-34-FL1-CL107	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:02:00	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1150	1225	875	1083	17.01	cps
Molybdenum	95-1	217	300	283	267	16.54	cps
Molybdenum	96-1	508	458	525	497	6.98	cps
Molybdenum	97-1	350	258	275	294	16.59	cps
Molybdenum	98-1	392	325	392	369	10.42	cps
Neodymium	150-1	53	73	60	62	16.37	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	2310	2204	2174	2229	3.22	cps
Phosphorus	31-2	358	450	292	367	21.68	cps
Potassium	39-2	14733	15109	14833	14892	1.31	cps
Rhodium	103-1	7020625	7039001	7012730	7024119	0.19	cps
Rhodium	103-2	2033038	2014420	2001006	2016155	0.80	cps
Scandium	45-1	4099464	4203870	4241484	4181606	1.76	cps
Scandium	45-2	39282	39800	39429	39503	0.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	4	4	5	43.39	cps
Selenium	82-1	-68	-35	-94	-66	-45.39	cps
Silicon	28-1	3726400	3708346	3709675	3714807	0.27	cps
Silver	109-1	167	208	183	186	11.27	cps
Silver	107-1	542	554	492	529	6.25	cps
Sodium	23-2	925272	924698	917592	922521	0.46	cps
Strontium	86-1	59732	59321	58560	59204	1.00	cps
Strontium	88-1	509774	501900	504924	505533	0.79	cps
Sulfur	34-1	414820	409906	410437	411721	0.66	cps
Terbium	159-1	8825369	8888831	8857323	8857174	0.36	cps
Terbium	159-2	2089942	2070242	2081375	2080520	0.47	cps
Thallium	203-1	183	158	183	175	8.25	cps
Thallium	205-1	358	417	350	375	9.69	cps
Tin	118-1	3609	3484	3267	3453	5.01	cps
Titanium	47-1	442	517	575	511	13.08	cps
Uranium	238-1	267	317	400	328	20.55	cps
Vanadium	51-2	83	110	103	99	14.03	cps
Yttrium	89-1	8019260	8024035	7923499	7988931	0.71	cps
Yttrium	89-2	284539	282696	285027	284087	0.43	cps
Zinc	66-2	43786	43702	44133	43874	0.52	cps
Zirconium	90-1	2442	2509	2175	2375	7.43	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4896-33RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-34-FL1-CL107	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:02:00	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	533	675	533	581	14.09	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4896-34RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-35-FL1-CL107	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:05:09	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	33	175	100	71.20	cps
Antimony	121-1	875	700	750	775	11.63	cps
Arsenic	75-2	41	41	50	44	12.20	cps
Barium	135-1	33844	33994	32892	33577	1.78	cps
Barium	137-1	60095	60189	60506	60263	0.36	cps
Beryllium	9-1	106	133	100	113	15.81	cps
Bismuth	209-1	5132904	5089644	5082813	5101787	0.53	cps
Bismuth	209-2	1619203	1601586	1518265	1579685	3.41	cps
Boron	10-1	1100	1133	1250	1161	6.78	cps
Boron	11-1	4893	5185	5151	5076	3.15	cps
Cadmium	111-1	1288	1507	1196	1330	12.00	cps
Cadmium	106-1	1825	2117	1684	1875	11.79	cps
Cadmium	108-1	8	0	17	8	100.02	cps
Calcium	43-1	130265	129198	127028	128831	1.28	cps
Calcium	44-1	2186472	2164423	2141452	2164116	1.04	cps
Chromium	52-2	1073	993	983	1017	4.85	cps
Cobalt	59-2	83	80	77	80	4.17	cps
Copper	63-2	290147	290418	292146	290904	0.37	cps
Dysprosium	156-1	17	42	50	36	48.03	cps
Dysprosium	156-2	17	17	7	13	43.29	cps
Erbium	164-1	50	108	67	75	40.06	cps
Erbium	164-2	3	3	27	11	121.29	cps
Gadolinium	160-1	92	92	117	100	14.43	cps
Gadolinium	160-2	30	27	17	24	28.38	cps
Holmium	165-1	8537775	8477391	8494453	8503206	0.37	cps
Holmium	165-2	2143441	2116151	2024161	2094585	2.98	cps
Indium	115-1	7590121	7630580	7526164	7582288	0.69	cps
Indium	115-2	388475	385330	364489	379431	3.44	cps
Iron	56-2	18034	17790	17795	17873	0.78	cps
Iron	57-2	428	411	517	452	12.56	cps
Lead	206-1	1045	1211	1189	1148	7.88	cps
Lead	207-1	995	995	978	989	0.97	cps
Lead	208-1	4562	4400	4567	4510	2.10	cps
Lithium	6-1	686276	683739	682884	684300	0.26	cps
Magnesium	24-2	41093	41846	42038	41659	1.20	cps
Manganese	55-2	4207	4141	4284	4211	1.70	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4896-34RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-35-FL1-CL107	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:05:09	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	550	525	717	597	17.45	cps
Molybdenum	95-1	150	183	200	178	14.32	cps
Molybdenum	96-1	408	525	458	464	12.62	cps
Molybdenum	97-1	325	308	242	292	15.12	cps
Molybdenum	98-1	375	383	350	369	4.70	cps
Neodymium	150-1	67	60	20	49	51.63	cps
Neodymium	150-2	0	10	7	6	91.64	cps
Nickel	60-2	2404	2374	2204	2327	4.64	cps
Phosphorus	31-2	375	358	300	344	11.43	cps
Potassium	39-2	15267	14316	15367	14984	3.87	cps
Rhodium	103-1	7139516	7058461	7031167	7076381	0.80	cps
Rhodium	103-2	2015430	2021989	1903820	1980413	3.35	cps
Scandium	45-1	4258388	4226083	4150304	4211592	1.32	cps
Scandium	45-2	39937	38426	37227	38530	3.53	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	7	2	4	86.68	cps
Selenium	82-1	-154	-101	-44	-100	-54.93	cps
Silicon	28-1	3662109	3750097	3677913	3696707	1.27	cps
Silver	109-1	200	183	175	186	6.84	cps
Silver	107-1	542	450	529	507	9.81	cps
Sodium	23-2	909592	900899	914147	908213	0.74	cps
Strontium	86-1	59388	58936	58928	59084	0.45	cps
Strontium	88-1	507586	504196	500821	504201	0.67	cps
Sulfur	34-1	406698	409536	408552	408262	0.35	cps
Terbium	159-1	8988459	8921285	8825521	8911755	0.92	cps
Terbium	159-2	2085857	2026142	1967855	2026618	2.91	cps
Thallium	203-1	183	183	150	172	11.17	cps
Thallium	205-1	433	383	417	411	6.19	cps
Tin	118-1	8239	7161	6885	7428	9.63	cps
Titanium	47-1	533	592	508	544	7.85	cps
Uranium	238-1	292	308	317	306	4.17	cps
Vanadium	51-2	57	63	50	57	11.76	cps
Yttrium	89-1	8097939	7957147	7948143	8001077	1.05	cps
Yttrium	89-2	282940	279969	269985	277631	2.44	cps
Zinc	66-2	5921	5871	5665	5819	2.34	cps
Zirconium	90-1	1158	1183	1417	1253	11.37	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4896-34RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-35-FL1-CL107	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:05:09	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	358	192	242	264	32.41	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4896-35RE Instrumnet Name : P8
 Client Sample ID : DC14723-36-FL1-CL108 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:08:18 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	650	567	475	564	15.52	cps
Antimony	121-1	842	683	833	786	11.34	cps
Arsenic	75-2	65	41	39	48	30.04	cps
Barium	135-1	38290	37688	36994	37658	1.72	cps
Barium	137-1	65630	64517	64231	64793	1.14	cps
Beryllium	9-1	100	94	78	91	12.74	cps
Bismuth	209-1	5050788	5084932	4999841	5045187	0.85	cps
Bismuth	209-2	1600897	1618255	1611294	1610149	0.54	cps
Boron	10-1	1250	1108	1008	1122	10.82	cps
Boron	11-1	5026	5101	4801	4976	3.14	cps
Cadmium	111-1	1378	1155	1435	1323	11.19	cps
Cadmium	106-1	1917	1592	1984	1831	11.45	cps
Cadmium	108-1	38	25	17	26	39.73	cps
Calcium	43-1	129341	131494	128012	129616	1.36	cps
Calcium	44-1	2208572	2166427	2168819	2181273	1.09	cps
Chromium	52-2	1003	1013	1040	1019	1.86	cps
Cobalt	59-2	270	240	220	243	10.34	cps
Copper	63-2	326409	328865	326446	327240	0.43	cps
Dysprosium	156-1	83	92	67	81	15.80	cps
Dysprosium	156-2	27	3	13	14	81.07	cps
Erbium	164-1	142	92	75	103	33.76	cps
Erbium	164-2	23	23	7	18	54.11	cps
Gadolinium	160-1	117	100	200	139	38.58	cps
Gadolinium	160-2	23	13	23	20	28.87	cps
Holmium	165-1	8554771	8477777	8385197	8472581	1.00	cps
Holmium	165-2	2122061	2151557	2137789	2137136	0.69	cps
Indium	115-1	7586297	7596205	7522139	7568214	0.53	cps
Indium	115-2	382585	386969	385051	384868	0.57	cps
Iron	56-2	43547	43123	42967	43212	0.69	cps
Iron	57-2	1150	1083	1056	1096	4.43	cps
Lead	206-1	3845	4040	3817	3901	3.11	cps
Lead	207-1	3417	3323	3217	3319	3.02	cps
Lead	208-1	15499	15777	15376	15551	1.32	cps
Lithium	6-1	682295	687598	681792	683895	0.47	cps
Magnesium	24-2	42155	42682	42439	42425	0.62	cps
Manganese	55-2	11318	11151	11371	11280	1.02	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4896-35RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-36-FL1-CL108	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:08:18	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1067	1108	792	989	17.40	cps
Molybdenum	95-1	300	200	258	253	19.87	cps
Molybdenum	96-1	442	558	467	489	12.57	cps
Molybdenum	97-1	400	308	350	353	13.01	cps
Molybdenum	98-1	383	392	383	386	1.25	cps
Neodymium	150-1	80	33	53	56	42.14	cps
Neodymium	150-2	17	0	10	9	94.38	cps
Nickel	60-2	15265	15556	15265	15362	1.09	cps
Phosphorus	31-2	400	450	342	397	13.65	cps
Potassium	39-2	14349	14817	14375	14514	1.81	cps
Rhodium	103-1	7030506	7081673	7030258	7047479	0.42	cps
Rhodium	103-2	2013814	2014258	1990070	2006047	0.69	cps
Scandium	45-1	4245629	4239318	4223909	4236285	0.26	cps
Scandium	45-2	39105	39743	38713	39187	1.33	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	9	0	4	132.32	cps
Selenium	82-1	-51	-124	49	-42	-208.19	cps
Silicon	28-1	3717129	3709919	3692840	3706629	0.34	cps
Silver	109-1	242	250	425	306	33.91	cps
Silver	107-1	613	583	863	686	22.39	cps
Sodium	23-2	897725	908114	910442	905427	0.75	cps
Strontium	86-1	59263	58250	59079	58864	0.92	cps
Strontium	88-1	507022	503968	502113	504368	0.49	cps
Sulfur	34-1	404436	410416	403672	406174	0.91	cps
Terbium	159-1	8866171	8987294	8789366	8880944	1.12	cps
Terbium	159-2	2064178	2074144	2067689	2068670	0.24	cps
Thallium	203-1	150	108	125	128	16.41	cps
Thallium	205-1	417	500	292	403	26.03	cps
Tin	118-1	3442	3784	3542	3590	4.90	cps
Titanium	47-1	892	1100	808	933	16.11	cps
Uranium	238-1	392	425	433	417	5.29	cps
Vanadium	51-2	80	83	103	89	14.20	cps
Yttrium	89-1	8085544	8048046	7858004	7997198	1.53	cps
Yttrium	89-2	279996	283940	282939	282292	0.73	cps
Zinc	66-2	23590	24255	23744	23863	1.46	cps
Zirconium	90-1	2609	2509	2492	2536	2.49	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4896-35RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-36-FL1-CL108	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:08:18	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	742	600	492	611	20.52	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	PB101712BL	Instrumnet Name :	P8
Client Sample ID :	PB101712BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:11:28	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	33	22	57.30	cps
Antimony	121-1	108	167	150	142	21.21	cps
Arsenic	75-2	7	7	6	7	15.72	cps
Barium	135-1	75	67	92	78	16.37	cps
Barium	137-1	42	83	142	89	56.51	cps
Beryllium	9-1	83	67	78	76	11.18	cps
Bismuth	209-1	4804133	4732050	4485489	4673890	3.58	cps
Bismuth	209-2	1518209	1505404	1527280	1516964	0.72	cps
Boron	10-1	408	542	500	483	14.11	cps
Boron	11-1	2475	2434	2192	2367	6.47	cps
Cadmium	111-1	1134	1086	1022	1081	5.22	cps
Cadmium	106-1	1634	1559	1450	1547	5.96	cps
Cadmium	108-1	25	13	8	15	56.79	cps
Calcium	43-1	2242	2550	2484	2425	6.69	cps
Calcium	44-1	46512	46829	47139	46827	0.67	cps
Chromium	52-2	853	810	883	849	4.34	cps
Cobalt	59-2	30	37	37	34	11.18	cps
Copper	63-2	460	400	440	433	7.05	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	8	17	28	96.44	cps
Erbium	164-2	7	3	17	9	78.08	cps
Gadolinium	160-1	50	83	67	67	25.00	cps
Gadolinium	160-2	17	3	20	13	66.16	cps
Holmium	165-1	7904088	7892996	7570073	7789052	2.44	cps
Holmium	165-2	2008942	1989990	2008124	2002352	0.54	cps
Indium	115-1	7021045	6937873	6763525	6907481	1.90	cps
Indium	115-2	363970	361606	365643	363740	0.56	cps
Iron	56-2	2561	2461	2684	2569	4.33	cps
Iron	57-2	56	106	56	72	39.97	cps
Lead	206-1	1750	1645	1567	1654	5.56	cps
Lead	207-1	1445	1439	1433	1439	0.39	cps
Lead	208-1	6612	6690	6473	6592	1.67	cps
Lithium	6-1	635232	635305	614310	628282	1.93	cps
Magnesium	24-2	100	158	250	169	44.63	cps
Manganese	55-2	47	60	37	48	24.50	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	PB101712BL	Instrumnet Name :	P8
Client Sample ID :	PB101712BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:11:28	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	250	208	167	208	20.00	cps
Molybdenum	95-1	17	17	25	19	24.73	cps
Molybdenum	96-1	183	217	175	192	11.50	cps
Molybdenum	97-1	167	150	242	186	26.24	cps
Molybdenum	98-1	108	42	83	78	43.30	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	213	143	167	174	20.43	cps
Phosphorus	31-2	0	0	33	11	173.21	cps
Potassium	39-2	3634	3567	3517	3573	1.64	cps
Rhodium	103-1	6556483	6567345	6388421	6504083	1.54	cps
Rhodium	103-2	1911846	1875251	1913868	1900322	1.14	cps
Scandium	45-1	3900812	3908568	3762837	3857406	2.13	cps
Scandium	45-2	37453	36130	37196	36926	1.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	4	4	4	24.86	cps
Selenium	82-1	-128	-46	-147	-107	-50.35	cps
Silicon	28-1	412137	408716	415385	412079	0.81	cps
Silver	109-1	92	117	133	114	18.41	cps
Silver	107-1	338	308	367	338	8.64	cps
Sodium	23-2	5926	5876	5868	5890	0.53	cps
Strontium	86-1	950	1042	950	981	5.40	cps
Strontium	88-1	258	383	417	353	23.66	cps
Sulfur	34-1	367914	369316	367392	368208	0.27	cps
Terbium	159-1	8219462	8270614	7955156	8148411	2.08	cps
Terbium	159-2	1939814	1943863	1948787	1944155	0.23	cps
Thallium	203-1	125	100	83	103	20.41	cps
Thallium	205-1	350	308	300	319	8.39	cps
Tin	118-1	942	767	983	897	12.81	cps
Titanium	47-1	167	200	225	197	14.84	cps
Uranium	238-1	33	58	50	47	26.97	cps
Vanadium	51-2	7	3	17	9	78.08	cps
Yttrium	89-1	7429030	7508499	7112881	7350137	2.85	cps
Yttrium	89-2	266557	263463	265859	265293	0.61	cps
Zinc	66-2	87	107	110	101	12.48	cps
Zirconium	90-1	483	592	450	508	14.57	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	PB101712BL	Instrumnet Name :	P8
Client Sample ID :	PB101712BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:11:28	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	67	75	83	26.46	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	PB101712BS	Instrumnet Name :	P8
Client Sample ID :	PB101712BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:14:37	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	17	19	24.73	cps
Antimony	121-1	175	192	158	175	9.53	cps
Arsenic	75-2	4	6	11	7	56.78	cps
Barium	135-1	42	67	100	69	42.14	cps
Barium	137-1	242	133	100	158	46.78	cps
Beryllium	9-1	61	122	78	87	36.30	cps
Bismuth	209-1	4788543	4921843	4766395	4825594	1.74	cps
Bismuth	209-2	1556025	1545056	1534768	1545283	0.69	cps
Boron	10-1	567	617	458	547	14.79	cps
Boron	11-1	2059	2459	2542	2353	10.98	cps
Cadmium	111-1	1178	1228	1096	1167	5.70	cps
Cadmium	106-1	1667	1742	1542	1650	6.12	cps
Cadmium	108-1	8	0	0	3	173.21	cps
Calcium	43-1	2584	2275	2434	2431	6.34	cps
Calcium	44-1	48360	48309	47866	48178	0.56	cps
Chromium	52-2	823	870	887	860	3.82	cps
Cobalt	59-2	93	57	77	76	24.30	cps
Copper	63-2	360	330	340	343	4.45	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	8	17	42	22	78.07	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	67	108	50	75	40.06	cps
Gadolinium	160-2	7	17	13	12	41.65	cps
Holmium	165-1	7939479	8117248	7977789	8011505	1.17	cps
Holmium	165-2	2033544	2051520	2037202	2040755	0.47	cps
Indium	115-1	7047545	7317050	7167715	7177436	1.88	cps
Indium	115-2	372708	371306	369979	371331	0.37	cps
Iron	56-2	2939	2661	2645	2749	6.02	cps
Iron	57-2	44	111	83	80	42.05	cps
Lead	206-1	2845521	2803699	2788736	2812652	1.05	cps
Lead	207-1	2615470	2608633	2584895	2602999	0.62	cps
Lead	208-1	11607647	11513106	11333973	11484909	1.21	cps
Lithium	6-1	636912	654931	648750	646864	1.42	cps
Magnesium	24-2	158	242	158	186	25.85	cps
Manganese	55-2	53	60	60	58	6.67	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	PB101712BS	Instrumnet Name :	P8
Client Sample ID :	PB101712BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:14:37	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	192	258	150	200	27.32	cps
Molybdenum	95-1	83	58	67	69	18.33	cps
Molybdenum	96-1	150	108	192	150	27.78	cps
Molybdenum	97-1	242	225	158	208	21.17	cps
Molybdenum	98-1	42	33	67	47	36.74	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	193	160	150	168	13.53	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	3192	3567	3751	3503	8.13	cps
Rhodium	103-1	6686887	6839437	6654911	6727078	1.47	cps
Rhodium	103-2	1938274	1946645	1946442	1943787	0.25	cps
Scandium	45-1	3952977	4090375	4017459	4020270	1.71	cps
Scandium	45-2	38112	38566	37915	38198	0.88	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	0	0	6	2	173.21	cps
Selenium	82-1	-94	-160	-39	-98	-62.29	cps
Silicon	28-1	415153	410561	420046	415253	1.14	cps
Silver	109-1	167	125	92	128	29.41	cps
Silver	107-1	367	404	288	353	16.88	cps
Sodium	23-2	6185	5960	5543	5896	5.52	cps
Strontium	86-1	1025	1117	1008	1050	5.56	cps
Strontium	88-1	450	525	450	475	9.12	cps
Sulfur	34-1	371598	372394	369753	371249	0.36	cps
Terbium	159-1	8366651	8542028	8324858	8411179	1.37	cps
Terbium	159-2	1984060	1994171	1992348	1990193	0.27	cps
Thallium	203-1	200	142	158	167	18.03	cps
Thallium	205-1	333	283	300	306	8.33	cps
Tin	118-1	1709	1308	1442	1486	13.71	cps
Titanium	47-1	242	200	200	214	11.25	cps
Uranium	238-1	42	0	75	39	96.62	cps
Vanadium	51-2	10	3	20	11	75.52	cps
Yttrium	89-1	7491962	7748132	7545743	7595279	1.78	cps
Yttrium	89-2	272095	271977	270238	271437	0.38	cps
Zinc	66-2	90	93	77	87	10.18	cps
Zirconium	90-1	533	500	508	514	3.38	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	PB101712BS	Instrumnet Name :	P8
Client Sample ID :	PB101712BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:14:37	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	125	92	106	16.44	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-01RE Instrumnet Name : P8
 Client Sample ID : DC14723-37-FL1-CL108 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:17:45 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	100	100	100	0.01	cps
Antimony	121-1	733	683	575	664	12.19	cps
Arsenic	75-2	46	37	43	42	11.10	cps
Barium	135-1	37011	36159	34889	36019	2.97	cps
Barium	137-1	61745	62439	62131	62105	0.56	cps
Beryllium	9-1	61	72	78	70	12.06	cps
Bismuth	209-1	5144709	5089716	5054037	5096154	0.90	cps
Bismuth	209-2	1645150	1644423	1635190	1641587	0.34	cps
Boron	10-1	1108	983	967	1020	7.60	cps
Boron	11-1	4318	4192	4659	4390	5.51	cps
Cadmium	111-1	1314	1344	1132	1263	9.08	cps
Cadmium	106-1	1825	1909	1584	1772	9.53	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	133934	133699	133168	133600	0.29	cps
Calcium	44-1	2251360	2237309	2233952	2240874	0.41	cps
Chromium	52-2	1050	977	960	996	4.81	cps
Cobalt	59-2	63	63	83	70	16.50	cps
Copper	63-2	221462	219487	220329	220426	0.45	cps
Dysprosium	156-1	58	25	67	50	44.10	cps
Dysprosium	156-2	13	0	10	8	89.21	cps
Erbium	164-1	100	42	83	75	40.06	cps
Erbium	164-2	20	10	27	19	44.42	cps
Gadolinium	160-1	108	133	117	119	10.66	cps
Gadolinium	160-2	37	33	3	24	75.12	cps
Holmium	165-1	8485212	8612709	8558395	8552105	0.75	cps
Holmium	165-2	2189699	2193526	2157782	2180336	0.90	cps
Indium	115-1	7766126	7732697	7656288	7718371	0.73	cps
Indium	115-2	392482	393121	391204	392269	0.25	cps
Iron	56-2	17862	17940	18834	18212	2.96	cps
Iron	57-2	417	433	378	409	6.97	cps
Lead	206-1	1056	845	939	946	11.18	cps
Lead	207-1	872	889	789	850	6.30	cps
Lead	208-1	3911	3573	3600	3695	5.09	cps
Lithium	6-1	691061	694047	687663	690923	0.46	cps
Magnesium	24-2	42239	42423	42798	42487	0.67	cps
Manganese	55-2	4047	3971	4051	4023	1.13	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-01RE Instrumnet Name : P8
 Client Sample ID : DC14723-37-FL1-CL108 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:17:45 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	542	583	633	586	7.83	cps
Molybdenum	95-1	242	233	158	211	21.74	cps
Molybdenum	96-1	383	442	433	419	7.52	cps
Molybdenum	97-1	267	283	225	258	11.63	cps
Molybdenum	98-1	333	458	342	378	18.50	cps
Neodymium	150-1	20	27	47	31	44.61	cps
Neodymium	150-2	7	3	13	8	65.47	cps
Nickel	60-2	1237	1227	1183	1216	2.33	cps
Phosphorus	31-2	467	350	358	392	16.62	cps
Potassium	39-2	15184	14458	15593	15078	3.81	cps
Rhodium	103-1	7103551	7175491	7102208	7127083	0.59	cps
Rhodium	103-2	2040711	2056122	2032047	2042960	0.60	cps
Scandium	45-1	4302975	4352923	4301081	4318993	0.68	cps
Scandium	45-2	39786	40321	40177	40095	0.69	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	-137	-199	-195	-177	-19.67	cps
Silicon	28-1	3783894	3750554	3694138	3742862	1.21	cps
Silver	109-1	267	183	175	208	24.33	cps
Silver	107-1	567	442	421	476	16.56	cps
Sodium	23-2	938479	935446	930948	934958	0.41	cps
Strontium	86-1	60175	59322	59623	59707	0.72	cps
Strontium	88-1	521807	511994	506854	513552	1.48	cps
Sulfur	34-1	414477	410478	414743	413233	0.58	cps
Terbium	159-1	8956330	9055784	8920284	8977466	0.78	cps
Terbium	159-2	2129730	2115999	2101695	2115808	0.66	cps
Thallium	203-1	92	150	167	136	28.94	cps
Thallium	205-1	308	300	283	297	4.28	cps
Tin	118-1	1342	1433	1500	1425	5.58	cps
Titanium	47-1	658	542	492	564	15.17	cps
Uranium	238-1	250	308	333	297	14.39	cps
Vanadium	51-2	43	80	63	62	29.51	cps
Yttrium	89-1	8141762	8148749	7997881	8096130	1.05	cps
Yttrium	89-2	290067	289066	288877	289337	0.22	cps
Zinc	66-2	1310	1237	1353	1300	4.54	cps
Zirconium	90-1	1075	1142	1458	1225	16.72	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-01RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-37-FL1-CL108	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:17:45	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	275	275	200	250	17.32	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-02RE Instrumnet Name : P8
 Client Sample ID : DC14723-38-FL2-CL202 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:20:54 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	200	92	153	36.32	cps
Antimony	121-1	517	650	642	603	12.39	cps
Arsenic	75-2	50	35	59	48	25.22	cps
Barium	135-1	38331	39217	38323	38624	1.33	cps
Barium	137-1	68277	66594	69215	68029	1.95	cps
Beryllium	9-1	100	56	78	78	28.57	cps
Bismuth	209-1	5234548	5145852	5120812	5167071	1.16	cps
Bismuth	209-2	1683640	1693709	1690120	1689157	0.30	cps
Boron	10-1	1117	1167	950	1078	10.53	cps
Boron	11-1	4326	4434	4267	4342	1.95	cps
Cadmium	111-1	1283	1344	1306	1311	2.35	cps
Cadmium	106-1	1792	1892	1834	1839	2.73	cps
Cadmium	108-1	42	25	33	33	25.01	cps
Calcium	43-1	135364	135002	134908	135091	0.18	cps
Calcium	44-1	2275726	2263019	2261582	2266775	0.34	cps
Chromium	52-2	1007	1073	947	1009	6.28	cps
Cobalt	59-2	153	137	137	142	6.77	cps
Copper	63-2	677583	673070	672226	674293	0.43	cps
Dysprosium	156-1	50	33	42	42	20.00	cps
Dysprosium	156-2	30	23	33	29	17.63	cps
Erbium	164-1	58	83	108	83	30.00	cps
Erbium	164-2	7	13	10	10	33.30	cps
Gadolinium	160-1	83	142	158	128	30.82	cps
Gadolinium	160-2	33	27	13	24	41.66	cps
Holmium	165-1	8734710	8566898	8511504	8604371	1.35	cps
Holmium	165-2	2228239	2212677	2217792	2219569	0.36	cps
Indium	115-1	7864316	7737291	7645609	7749072	1.42	cps
Indium	115-2	401020	400307	400363	400563	0.10	cps
Iron	56-2	44506	45302	44412	44740	1.09	cps
Iron	57-2	1200	1256	872	1109	18.68	cps
Lead	206-1	4201	4029	4101	4110	2.10	cps
Lead	207-1	3451	3767	3306	3508	6.73	cps
Lead	208-1	16216	16293	15588	16032	2.41	cps
Lithium	6-1	703933	681545	684080	689853	1.78	cps
Magnesium	24-2	44119	45190	42514	43941	3.06	cps
Manganese	55-2	14201	13834	14027	14021	1.31	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-02RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-38-FL2-CL202	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:20:54	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	925	900	817	881	6.44	cps
Molybdenum	95-1	183	208	250	214	15.75	cps
Molybdenum	96-1	458	508	483	483	5.17	cps
Molybdenum	97-1	292	267	333	297	11.33	cps
Molybdenum	98-1	458	258	275	331	33.57	cps
Neodymium	150-1	67	80	100	82	20.40	cps
Neodymium	150-2	7	7	13	9	43.25	cps
Nickel	60-2	8419	8259	8086	8255	2.02	cps
Phosphorus	31-2	275	308	267	283	7.78	cps
Potassium	39-2	15426	14667	14842	14978	2.65	cps
Rhodium	103-1	7475053	7247101	7154760	7292305	2.26	cps
Rhodium	103-2	2101434	2072695	2079240	2084456	0.72	cps
Scandium	45-1	4443440	4341269	4330718	4371809	1.42	cps
Scandium	45-2	41364	41428	40609	41134	1.11	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	4	4	3	34.64	cps
Selenium	82-1	-182	-135	-89	-135	-34.45	cps
Silicon	28-1	3881811	3874838	3881311	3879320	0.10	cps
Silver	109-1	125	192	167	161	20.90	cps
Silver	107-1	421	488	408	439	9.70	cps
Sodium	23-2	936934	939601	932891	936475	0.36	cps
Strontium	86-1	62862	61774	62937	62524	1.04	cps
Strontium	88-1	526244	524574	519319	523379	0.69	cps
Sulfur	34-1	413453	414007	412712	413391	0.16	cps
Terbium	159-1	9245244	8843011	8945860	9011372	2.32	cps
Terbium	159-2	2130674	2118758	2139129	2129520	0.48	cps
Thallium	203-1	200	158	133	164	20.55	cps
Thallium	205-1	400	317	358	358	11.63	cps
Tin	118-1	2359	2234	2009	2200	8.06	cps
Titanium	47-1	800	792	792	795	0.61	cps
Uranium	238-1	358	317	392	356	10.57	cps
Vanadium	51-2	80	97	70	82	16.39	cps
Yttrium	89-1	8384348	8200172	8166163	8250227	1.42	cps
Yttrium	89-2	294037	291493	290831	292120	0.58	cps
Zinc	66-2	46568	46582	47197	46782	0.77	cps
Zirconium	90-1	2159	1992	1875	2009	7.09	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-02RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-38-FL2-CL202	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:20:54	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	608	333	467	469	29.30	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-03RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-39-FL2-CL202	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:24:03	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	67	117	75	50.92	cps
Antimony	121-1	717	517	617	617	16.22	cps
Arsenic	75-2	56	56	37	49	21.65	cps
Barium	135-1	33243	33903	33652	33599	0.99	cps
Barium	137-1	58220	59928	58555	58901	1.54	cps
Beryllium	9-1	100	72	89	87	16.06	cps
Bismuth	209-1	5085943	5052204	5088776	5075641	0.40	cps
Bismuth	209-2	1657385	1641003	1655469	1651285	0.54	cps
Boron	10-1	1025	925	950	967	5.38	cps
Boron	11-1	4184	4434	4384	4334	3.05	cps
Cadmium	111-1	1272	1288	1213	1257	3.14	cps
Cadmium	106-1	1792	1800	1725	1772	2.32	cps
Cadmium	108-1	17	8	17	14	34.67	cps
Calcium	43-1	131705	132814	133051	132523	0.54	cps
Calcium	44-1	2196846	2206636	2226031	2209837	0.67	cps
Chromium	52-2	1010	917	997	974	5.18	cps
Cobalt	59-2	53	67	87	69	24.36	cps
Copper	63-2	474803	471635	473810	473416	0.34	cps
Dysprosium	156-1	75	67	92	78	16.37	cps
Dysprosium	156-2	7	3	20	10	88.20	cps
Erbium	164-1	92	25	42	53	65.74	cps
Erbium	164-2	10	20	23	18	39.03	cps
Gadolinium	160-1	158	225	108	164	35.73	cps
Gadolinium	160-2	23	27	23	24	7.89	cps
Holmium	165-1	8433221	8518697	8423506	8458475	0.62	cps
Holmium	165-2	2216831	2197619	2194998	2203149	0.54	cps
Indium	115-1	7665875	7656035	7599407	7640439	0.47	cps
Indium	115-2	400813	397850	400269	399644	0.39	cps
Iron	56-2	25046	26376	25034	25485	3.03	cps
Iron	57-2	667	678	567	637	9.61	cps
Lead	206-1	2217	1972	1884	2024	8.53	cps
Lead	207-1	1517	1878	1828	1741	11.24	cps
Lead	208-1	7868	8135	7951	7985	1.71	cps
Lithium	6-1	675255	680977	686611	680948	0.83	cps
Magnesium	24-2	42389	43961	44487	43612	2.50	cps
Manganese	55-2	5308	5444	4844	5199	6.05	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-03RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-39-FL2-CL202	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:24:03	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	542	567	625	578	7.40	cps
Molybdenum	95-1	158	250	225	211	22.45	cps
Molybdenum	96-1	383	375	325	361	8.74	cps
Molybdenum	97-1	367	292	317	325	11.75	cps
Molybdenum	98-1	375	283	283	314	16.86	cps
Neodymium	150-1	27	47	40	38	26.95	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	677	727	627	677	7.39	cps
Phosphorus	31-2	267	442	300	336	27.65	cps
Potassium	39-2	15910	14616	14850	15125	4.56	cps
Rhodium	103-1	7094302	7156909	7140994	7130735	0.46	cps
Rhodium	103-2	2104018	2074878	2084276	2087724	0.71	cps
Scandium	45-1	4254285	4301268	4314723	4290092	0.74	cps
Scandium	45-2	41729	40622	40799	41050	1.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	4	2	4	65.54	cps
Selenium	82-1	-91	-84	98	-26	-414.93	cps
Silicon	28-1	3712460	3764469	3793731	3756887	1.10	cps
Silver	109-1	200	133	175	169	19.88	cps
Silver	107-1	433	367	404	401	8.32	cps
Sodium	23-2	927551	935721	926007	929760	0.56	cps
Strontium	86-1	59715	58551	58911	59059	1.01	cps
Strontium	88-1	503092	506920	507918	505976	0.50	cps
Sulfur	34-1	412920	410944	414270	412711	0.41	cps
Terbium	159-1	8892368	8840595	8986728	8906564	0.83	cps
Terbium	159-2	2123566	2140859	2145578	2136668	0.54	cps
Thallium	203-1	150	108	133	131	16.06	cps
Thallium	205-1	233	333	367	311	22.30	cps
Tin	118-1	1508	1358	1600	1489	8.19	cps
Titanium	47-1	533	458	525	506	8.13	cps
Uranium	238-1	192	317	292	267	24.80	cps
Vanadium	51-2	33	47	63	48	31.46	cps
Yttrium	89-1	8002607	8102480	8154712	8086600	0.96	cps
Yttrium	89-2	294825	292939	291167	292977	0.62	cps
Zinc	66-2	2474	2440	2344	2419	2.79	cps
Zirconium	90-1	1258	1183	1200	1214	3.24	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-03RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-39-FL2-CL202	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:24:03	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	292	183	333	269	28.74	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:27:12	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	25	19	24.73	cps
Antimony	121-1	75	67	108	83	26.46	cps
Arsenic	75-2	4	9	4	6	57.80	cps
Barium	135-1	50	100	58	69	38.58	cps
Barium	137-1	92	108	125	108	15.39	cps
Beryllium	9-1	67	78	94	80	17.56	cps
Bismuth	209-1	4731871	4769942	4828386	4776733	1.02	cps
Bismuth	209-2	1562857	1567232	1583020	1571036	0.68	cps
Boron	10-1	417	500	500	472	10.19	cps
Boron	11-1	1942	1859	1717	1839	6.19	cps
Cadmium	111-1	1251	1115	1112	1159	6.83	cps
Cadmium	106-1	1775	1567	1584	1642	7.05	cps
Cadmium	108-1	13	4	13	10	49.46	cps
Calcium	43-1	2375	2792	2384	2517	9.46	cps
Calcium	44-1	48828	49446	49321	49198	0.67	cps
Chromium	52-2	810	983	890	894	9.70	cps
Cobalt	59-2	57	40	23	40	41.68	cps
Copper	63-2	383	363	410	386	6.07	cps
Dysprosium	156-1	17	17	42	25	57.73	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	42	42	67	50	28.87	cps
Erbium	164-2	0	3	13	6	124.93	cps
Gadolinium	160-1	83	50	117	83	40.00	cps
Gadolinium	160-2	17	23	17	19	20.36	cps
Holmium	165-1	7939854	7905696	8098071	7981207	1.29	cps
Holmium	165-2	2087090	2079524	2110000	2092205	0.76	cps
Indium	115-1	7274664	7197311	7209028	7227001	0.58	cps
Indium	115-2	380881	377761	383328	380656	0.73	cps
Iron	56-2	2661	2917	2728	2769	4.79	cps
Iron	57-2	72	111	56	80	35.80	cps
Lead	206-1	2786794	2846515	2811923	2815077	1.07	cps
Lead	207-1	2593840	2574976	2619400	2596072	0.86	cps
Lead	208-1	11348950	11438358	11466323	11417877	0.54	cps
Lithium	6-1	643871	643703	645737	644437	0.18	cps
Magnesium	24-2	183	183	150	172	11.17	cps
Manganese	55-2	73	63	30	56	40.84	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:27:12	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	242	283	292	272	9.84	cps
Molybdenum	95-1	8	25	42	25	66.68	cps
Molybdenum	96-1	192	192	142	175	16.50	cps
Molybdenum	97-1	183	225	258	222	16.91	cps
Molybdenum	98-1	75	33	17	42	72.11	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	147	110	157	138	17.83	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	3742	3592	3242	3526	7.28	cps
Rhodium	103-1	6815947	6719700	6768045	6767897	0.71	cps
Rhodium	103-2	1990572	1980856	1992911	1988113	0.32	cps
Scandium	45-1	4016337	3977993	4068324	4020885	1.13	cps
Scandium	45-2	38854	38824	38847	38842	0.04	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	4	4	0	2	86.60	cps
Selenium	82-1	-125	-189	-124	-146	-25.25	cps
Silicon	28-1	427984	417366	417628	420993	1.44	cps
Silver	109-1	83	158	58	100	52.04	cps
Silver	107-1	283	338	204	275	24.38	cps
Sodium	23-2	5843	5593	5935	5790	3.06	cps
Strontium	86-1	1042	1192	900	1045	13.96	cps
Strontium	88-1	658	758	708	708	7.06	cps
Sulfur	34-1	369680	367796	366991	368155	0.37	cps
Terbium	159-1	8370829	8383694	8509932	8421485	0.91	cps
Terbium	159-2	2026060	2021728	2045124	2030971	0.61	cps
Thallium	203-1	150	225	133	169	28.82	cps
Thallium	205-1	433	375	350	386	11.08	cps
Tin	118-1	883	900	850	878	2.90	cps
Titanium	47-1	200	183	192	192	4.35	cps
Uranium	238-1	50	108	33	64	61.65	cps
Vanadium	51-2	27	20	10	19	44.42	cps
Yttrium	89-1	7603510	7660137	7637627	7633758	0.37	cps
Yttrium	89-2	278434	276847	281253	278844	0.80	cps
Zinc	66-2	153	177	203	178	14.07	cps
Zirconium	90-1	633	633	700	656	5.87	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:27:12	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	108	133	117	12.37	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : CCB42 Instrumnet Name : P8
 Client Sample ID : CCB42 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:30:19 DataFile Name : 044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	33	25	22	57.29	cps
Antimony	121-1	67	158	92	106	44.89	cps
Arsenic	75-2	7	0	2	3	124.95	cps
Barium	135-1	117	58	92	89	32.92	cps
Barium	137-1	108	108	67	94	25.47	cps
Beryllium	9-1	50	100	67	72	35.25	cps
Bismuth	209-1	4988476	4926009	4940682	4951722	0.66	cps
Bismuth	209-2	1589514	1584906	1585392	1586604	0.16	cps
Boron	10-1	375	342	342	353	5.45	cps
Boron	11-1	1575	1575	1267	1472	12.09	cps
Cadmium	111-1	1123	1195	1123	1147	3.63	cps
Cadmium	106-1	1600	1700	1575	1625	4.07	cps
Cadmium	108-1	8	17	0	8	100.02	cps
Calcium	43-1	2434	2609	2434	2492	4.06	cps
Calcium	44-1	45499	45809	46912	46074	1.61	cps
Chromium	52-2	910	867	923	900	3.29	cps
Cobalt	59-2	33	57	33	41	32.78	cps
Copper	63-2	293	357	250	300	17.88	cps
Dysprosium	156-1	17	33	8	19	65.47	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	25	33	31	15.74	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	42	75	33	50	44.10	cps
Gadolinium	160-2	10	7	23	13	66.12	cps
Holmium	165-1	8217836	8188801	8241287	8215975	0.32	cps
Holmium	165-2	2094397	2120616	2105642	2106885	0.62	cps
Indium	115-1	7502743	7363335	7364387	7410155	1.08	cps
Indium	115-2	385194	379491	384603	383096	0.82	cps
Iron	56-2	2761	2506	2706	2658	5.06	cps
Iron	57-2	117	61	61	80	40.28	cps
Lead	206-1	600	611	578	596	2.85	cps
Lead	207-1	633	539	556	576	8.75	cps
Lead	208-1	2517	2478	2422	2472	1.92	cps
Lithium	6-1	663656	656056	658723	659478	0.58	cps
Magnesium	24-2	242	183	183	203	16.61	cps
Manganese	55-2	73	60	67	67	10.00	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:30:19	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	208	233	258	233	10.71	cps
Molybdenum	95-1	17	42	25	28	45.82	cps
Molybdenum	96-1	125	192	167	161	20.90	cps
Molybdenum	97-1	250	150	150	183	31.49	cps
Molybdenum	98-1	58	17	42	39	53.93	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	140	207	180	176	19.11	cps
Phosphorus	31-2	17	17	8	14	34.67	cps
Potassium	39-2	3617	3259	3209	3362	6.63	cps
Rhodium	103-1	7080391	6882203	6933132	6965242	1.48	cps
Rhodium	103-2	2005443	1993547	2014540	2004510	0.53	cps
Scandium	45-1	4188801	4112147	4103296	4134748	1.14	cps
Scandium	45-2	38951	38901	39014	38955	0.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	0	4	4	107.89	cps
Selenium	82-1	-34	-146	-106	-95	-59.89	cps
Silicon	28-1	406704	401308	406001	404671	0.72	cps
Silver	109-1	92	92	108	97	9.90	cps
Silver	107-1	279	279	304	288	5.02	cps
Sodium	23-2	5435	4959	5435	5276	5.20	cps
Strontium	86-1	925	900	1050	958	8.39	cps
Strontium	88-1	333	267	308	303	11.12	cps
Sulfur	34-1	367707	374874	371580	371387	0.97	cps
Terbium	159-1	8699904	8552911	8561531	8604782	0.96	cps
Terbium	159-2	2076529	2033890	2048908	2053109	1.05	cps
Thallium	203-1	125	67	183	125	46.67	cps
Thallium	205-1	325	233	325	294	17.97	cps
Tin	118-1	2500	2417	2450	2456	1.71	cps
Titanium	47-1	100	142	125	122	17.16	cps
Uranium	238-1	42	33	67	47	36.74	cps
Vanadium	51-2	13	20	20	18	21.66	cps
Yttrium	89-1	8024630	7791477	7756912	7857673	1.85	cps
Yttrium	89-2	281100	278142	280507	279916	0.56	cps
Zinc	66-2	47	63	80	63	26.31	cps
Zirconium	90-1	483	458	550	497	9.53	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:30:19	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	125	150	133	10.82	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-04RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-40-FL2-CL203	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:33:29	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	125	108	156	43.64	cps
Antimony	121-1	567	567	683	606	11.12	cps
Arsenic	75-2	46	48	37	44	13.58	cps
Barium	135-1	37053	35064	35349	35822	3.00	cps
Barium	137-1	63495	61602	61101	62066	2.03	cps
Beryllium	9-1	100	94	94	96	3.33	cps
Bismuth	209-1	5149577	5062820	5049539	5087312	1.07	cps
Bismuth	209-2	1715919	1723435	1643246	1694200	2.61	cps
Boron	10-1	883	858	917	886	3.30	cps
Boron	11-1	3934	4184	4292	4137	4.44	cps
Cadmium	111-1	1204	1233	1256	1231	2.14	cps
Cadmium	106-1	1734	1717	1717	1722	0.56	cps
Cadmium	108-1	38	21	29	29	28.58	cps
Calcium	43-1	136660	133841	135557	135353	1.05	cps
Calcium	44-1	2279767	2244377	2252518	2258887	0.82	cps
Chromium	52-2	1020	913	1113	1016	9.85	cps
Cobalt	59-2	117	113	107	112	4.54	cps
Copper	63-2	477891	476524	479231	477882	0.28	cps
Dysprosium	156-1	75	50	50	58	24.74	cps
Dysprosium	156-2	13	3	10	9	57.30	cps
Erbium	164-1	92	50	92	78	30.93	cps
Erbium	164-2	13	3	17	11	62.48	cps
Gadolinium	160-1	142	117	100	119	17.56	cps
Gadolinium	160-2	27	50	23	33	43.59	cps
Holmium	165-1	8626687	8528027	8426546	8527087	1.17	cps
Holmium	165-2	2200594	2228034	2206187	2211605	0.66	cps
Indium	115-1	7739132	7683382	7709216	7710577	0.36	cps
Indium	115-2	399769	398363	400132	399421	0.23	cps
Iron	56-2	28613	28073	27984	28224	1.21	cps
Iron	57-2	761	711	833	769	8.00	cps
Lead	206-1	2339	1900	2122	2121	10.35	cps
Lead	207-1	1917	1845	1950	1904	2.83	cps
Lead	208-1	8729	8468	8601	8600	1.52	cps
Lithium	6-1	686002	690861	685467	687443	0.43	cps
Magnesium	24-2	43977	43092	44396	43822	1.52	cps
Manganese	55-2	8116	7756	7919	7930	2.27	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-04RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-40-FL2-CL203	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:33:29	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	758	450	508	572	28.63	cps
Molybdenum	95-1	275	383	175	278	37.51	cps
Molybdenum	96-1	417	450	367	411	10.20	cps
Molybdenum	97-1	425	300	300	342	21.12	cps
Molybdenum	98-1	408	233	358	333	27.04	cps
Neodymium	150-1	47	53	60	53	12.50	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	11855	12142	12019	12005	1.20	cps
Phosphorus	31-2	500	308	275	361	33.63	cps
Potassium	39-2	14233	15209	16076	15173	6.08	cps
Rhodium	103-1	7204614	7226390	7178561	7203188	0.33	cps
Rhodium	103-2	2054468	2073065	2076422	2067985	0.57	cps
Scandium	45-1	4381983	4334906	4309771	4342220	0.84	cps
Scandium	45-2	41635	41230	40976	41281	0.80	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	4	0	2	86.60	cps
Selenium	82-1	-56	-44	-106	-69	-47.87	cps
Silicon	28-1	3921849	3878428	3764817	3855031	2.10	cps
Silver	109-1	183	150	242	192	24.21	cps
Silver	107-1	492	358	529	460	19.53	cps
Sodium	23-2	941632	933262	929564	934820	0.66	cps
Strontium	86-1	59907	60484	60100	60164	0.49	cps
Strontium	88-1	515911	513949	518472	516111	0.44	cps
Sulfur	34-1	420560	418836	417687	419027	0.35	cps
Terbium	159-1	9062249	8843305	8984160	8963238	1.24	cps
Terbium	159-2	2137951	2109763	2138693	2128802	0.77	cps
Thallium	203-1	158	150	167	158	5.26	cps
Thallium	205-1	267	258	383	303	23.08	cps
Tin	118-1	1217	1242	1025	1161	10.21	cps
Titanium	47-1	750	667	717	711	5.90	cps
Uranium	238-1	267	308	342	306	12.30	cps
Vanadium	51-2	53	73	90	72	25.42	cps
Yttrium	89-1	8260911	8179942	8127934	8189595	0.82	cps
Yttrium	89-2	295211	291321	293132	293221	0.66	cps
Zinc	66-2	42592	41683	42010	42095	1.09	cps
Zirconium	90-1	1325	1158	1283	1256	6.91	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-04RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-40-FL2-CL203	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:33:29	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	317	233	300	283	15.56	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-05	Instrumnet Name :	P8
Client Sample ID :	DC14723-41-FL2-CL203	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:36:38	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	75	92	75	22.22	cps
Antimony	121-1	533	483	508	508	4.92	cps
Arsenic	75-2	50	39	50	46	13.85	cps
Barium	135-1	34755	33894	34663	34437	1.37	cps
Barium	137-1	58723	60129	58974	59275	1.27	cps
Beryllium	9-1	56	67	67	63	10.19	cps
Bismuth	209-1	5006065	5145269	5140294	5097209	1.55	cps
Bismuth	209-2	1651379	1654869	1553557	1619935	3.55	cps
Boron	10-1	717	1017	750	828	19.87	cps
Boron	11-1	4326	3926	4084	4112	4.90	cps
Cadmium	111-1	1231	1279	1096	1202	7.91	cps
Cadmium	106-1	1750	1775	1550	1692	7.29	cps
Cadmium	108-1	21	8	21	17	43.31	cps
Calcium	43-1	135851	132125	133352	133776	1.42	cps
Calcium	44-1	2243785	2222285	2229666	2231912	0.49	cps
Chromium	52-2	933	933	1073	980	8.25	cps
Cobalt	59-2	90	63	43	66	35.72	cps
Copper	63-2	389735	395043	393683	392821	0.70	cps
Dysprosium	156-1	75	42	67	61	28.38	cps
Dysprosium	156-2	23	23	10	19	40.75	cps
Erbium	164-1	92	25	42	53	65.74	cps
Erbium	164-2	17	17	10	14	26.66	cps
Gadolinium	160-1	150	117	92	119	24.50	cps
Gadolinium	160-2	37	33	40	37	9.10	cps
Holmium	165-1	8386595	8697887	8612368	8565617	1.88	cps
Holmium	165-2	2218064	2218369	2077681	2171371	3.74	cps
Indium	115-1	7542415	7748543	7735345	7675434	1.50	cps
Indium	115-2	399615	400230	375504	391783	3.60	cps
Iron	56-2	21055	20816	20532	20801	1.26	cps
Iron	57-2	550	606	511	556	8.54	cps
Lead	206-1	1245	1211	1117	1191	5.57	cps
Lead	207-1	1067	1017	1100	1061	3.95	cps
Lead	208-1	4984	4623	4751	4786	3.83	cps
Lithium	6-1	678935	701220	694583	691579	1.65	cps
Magnesium	24-2	43743	43885	43986	43871	0.28	cps
Manganese	55-2	5451	5498	5384	5444	1.05	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-05	Instrumnet Name :	P8
Client Sample ID :	DC14723-41-FL2-CL203	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:36:38	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	592	658	583	611	6.73	cps
Molybdenum	95-1	175	208	242	208	16.00	cps
Molybdenum	96-1	392	475	508	458	13.11	cps
Molybdenum	97-1	258	267	300	275	8.02	cps
Molybdenum	98-1	475	308	442	408	21.60	cps
Neodymium	150-1	40	93	27	53	66.14	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	563	600	633	599	5.85	cps
Phosphorus	31-2	300	317	375	331	11.91	cps
Potassium	39-2	15643	15034	14984	15220	2.41	cps
Rhodium	103-1	7118351	7278983	7208748	7202027	1.12	cps
Rhodium	103-2	2066284	2083931	1944863	2031693	3.73	cps
Scandium	45-1	4198629	4383469	4350502	4310867	2.29	cps
Scandium	45-2	40582	41592	38436	40203	4.01	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	11	11	8	66.63	cps
Selenium	82-1	-139	-115	-63	-106	-36.51	cps
Silicon	28-1	3801814	3800247	3774197	3792086	0.41	cps
Silver	109-1	142	125	75	114	30.46	cps
Silver	107-1	321	304	263	296	10.16	cps
Sodium	23-2	937775	939526	930359	935887	0.52	cps
Strontium	86-1	61539	59974	59522	60345	1.75	cps
Strontium	88-1	511452	512504	510653	511536	0.18	cps
Sulfur	34-1	414398	413443	415466	414435	0.24	cps
Terbium	159-1	8786809	9086247	9032591	8968549	1.78	cps
Terbium	159-2	2120833	2138006	2000612	2086484	3.59	cps
Thallium	203-1	158	92	175	142	31.13	cps
Thallium	205-1	325	208	275	269	21.72	cps
Tin	118-1	1167	700	700	856	31.49	cps
Titanium	47-1	633	475	608	572	14.88	cps
Uranium	238-1	333	333	275	314	10.73	cps
Vanadium	51-2	57	70	37	54	30.81	cps
Yttrium	89-1	8071823	8232485	8150619	8151643	0.99	cps
Yttrium	89-2	290789	291706	274026	285507	3.49	cps
Zinc	66-2	2014	2164	1904	2027	6.44	cps
Zirconium	90-1	1342	1433	2001	1592	22.43	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-05	Instrumnet Name :	P8
Client Sample ID :	DC14723-41-FL2-CL203	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:36:38	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	342	492	400	411	18.39	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-06RE Instrumnet Name : P8
 Client Sample ID : DC14723-42-FL2-CL211- Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:39:46 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	92	133	106	22.79	cps
Antimony	121-1	775	517	775	689	21.65	cps
Arsenic	75-2	50	44	48	48	5.96	cps
Barium	135-1	36710	36201	36828	36579	0.91	cps
Barium	137-1	62071	63721	61879	62557	1.62	cps
Beryllium	9-1	56	50	89	65	32.45	cps
Bismuth	209-1	5175937	5131226	5121479	5142881	0.56	cps
Bismuth	209-2	1634970	1447538	1553554	1545354	6.08	cps
Boron	10-1	967	958	867	931	5.96	cps
Boron	11-1	3767	4201	4017	3995	5.45	cps
Cadmium	111-1	1271	1537	1353	1387	9.82	cps
Cadmium	106-1	1750	2125	1859	1911	10.10	cps
Cadmium	108-1	42	25	33	33	25.01	cps
Calcium	43-1	135110	132697	132268	133359	1.15	cps
Calcium	44-1	2283504	2226343	2223249	2244365	1.51	cps
Chromium	52-2	1113	1093	947	1051	8.66	cps
Cobalt	59-2	100	67	73	80	22.04	cps
Copper	63-2	395622	383112	375518	384751	2.64	cps
Dysprosium	156-1	25	42	17	28	45.82	cps
Dysprosium	156-2	13	3	10	9	57.30	cps
Erbium	164-1	92	58	58	69	27.71	cps
Erbium	164-2	0	13	20	11	91.66	cps
Gadolinium	160-1	150	100	142	131	20.52	cps
Gadolinium	160-2	17	10	37	21	65.74	cps
Holmium	165-1	8665515	8558031	8569266	8597604	0.69	cps
Holmium	165-2	2203794	1939977	2089020	2077597	6.37	cps
Indium	115-1	7743593	7683353	7745768	7724238	0.46	cps
Indium	115-2	392097	348182	374358	371546	5.95	cps
Iron	56-2	18864	17745	17734	18114	3.58	cps
Iron	57-2	422	417	550	463	16.30	cps
Lead	206-1	2839	2478	2639	2652	6.82	cps
Lead	207-1	2423	2439	2545	2469	2.69	cps
Lead	208-1	10991	10713	11019	10908	1.55	cps
Lithium	6-1	694913	689667	693597	692726	0.39	cps
Magnesium	24-2	43292	42197	41411	42300	2.23	cps
Manganese	55-2	5161	5248	4814	5074	4.52	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-06RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-42-FL2-CL211-	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:39:46	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	425	558	400	461	18.46	cps
Molybdenum	95-1	150	117	217	161	31.61	cps
Molybdenum	96-1	258	350	367	325	17.95	cps
Molybdenum	97-1	250	167	208	208	20.00	cps
Molybdenum	98-1	283	317	392	331	16.79	cps
Neodymium	150-1	93	47	80	73	32.78	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1313	1033	1080	1142	13.13	cps
Phosphorus	31-2	325	317	300	314	4.05	cps
Potassium	39-2	14917	14224	13640	14261	4.48	cps
Rhodium	103-1	7242584	7202888	7250697	7232057	0.35	cps
Rhodium	103-2	2071095	1815027	1951246	1945790	6.58	cps
Scandium	45-1	4405912	4325630	4300673	4344072	1.27	cps
Scandium	45-2	40799	36040	38362	38401	6.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	0	2	86.60	cps
Selenium	82-1	-100	-62	-56	-73	-32.51	cps
Silicon	28-1	3864148	3816881	3797121	3826050	0.90	cps
Silver	109-1	108	108	142	119	16.11	cps
Silver	107-1	329	338	346	338	2.47	cps
Sodium	23-2	940587	899549	894446	911527	2.78	cps
Strontium	86-1	62444	59706	60585	60912	2.29	cps
Strontium	88-1	520367	521296	512651	518104	0.92	cps
Sulfur	34-1	418912	415755	410450	415039	1.03	cps
Terbium	159-1	9054249	9025822	8951944	9010672	0.59	cps
Terbium	159-2	2118167	1882316	2007187	2002557	5.89	cps
Thallium	203-1	92	117	150	119	24.50	cps
Thallium	205-1	308	392	292	331	16.21	cps
Tin	118-1	5935	5868	6127	5977	2.25	cps
Titanium	47-1	600	542	500	547	9.18	cps
Uranium	238-1	250	317	292	286	11.77	cps
Vanadium	51-2	80	77	73	77	4.35	cps
Yttrium	89-1	8227496	8159497	8113512	8166835	0.70	cps
Yttrium	89-2	288011	255580	276633	273408	6.02	cps
Zinc	66-2	51231	50950	48545	50242	2.94	cps
Zirconium	90-1	908	1058	875	947	10.31	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-06RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-42-FL2-CL211-	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:39:46	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	233	258	228	14.79	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-07RE Instrumnet Name : P8
 Client Sample ID : DC14723-43-FL2-CL211- Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:42:56 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	42	58	58	28.57	cps
Antimony	121-1	800	658	517	658	21.52	cps
Arsenic	75-2	44	41	35	40	11.60	cps
Barium	135-1	34538	36083	37120	35914	3.62	cps
Barium	137-1	62356	62147	61678	62061	0.56	cps
Beryllium	9-1	83	111	44	80	42.05	cps
Bismuth	209-1	5053859	5048468	5042148	5048158	0.12	cps
Bismuth	209-2	1474436	1587152	1602704	1554764	4.50	cps
Boron	10-1	875	942	933	917	3.96	cps
Boron	11-1	3859	3842	3876	3859	0.43	cps
Cadmium	111-1	1334	1172	1132	1213	8.83	cps
Cadmium	106-1	1875	1659	1609	1714	8.27	cps
Cadmium	108-1	17	8	21	15	41.67	cps
Calcium	43-1	131780	131452	131369	131534	0.17	cps
Calcium	44-1	2250134	2234747	2222505	2235795	0.62	cps
Chromium	52-2	923	1090	990	1001	8.38	cps
Cobalt	59-2	70	77	97	81	17.11	cps
Copper	63-2	483635	482814	476275	480908	0.84	cps
Dysprosium	156-1	42	17	42	33	43.30	cps
Dysprosium	156-2	17	0	0	6	173.21	cps
Erbium	164-1	42	58	17	39	53.93	cps
Erbium	164-2	13	3	10	9	57.30	cps
Gadolinium	160-1	142	142	92	125	23.09	cps
Gadolinium	160-2	27	13	13	18	43.33	cps
Holmium	165-1	8459029	8364929	8421281	8415080	0.56	cps
Holmium	165-2	1978378	2138032	2126032	2080814	4.27	cps
Indium	115-1	7551632	7521173	7471171	7514659	0.54	cps
Indium	115-2	353948	383938	386465	374783	4.83	cps
Iron	56-2	14886	15349	14513	14916	2.81	cps
Iron	57-2	389	394	350	378	6.41	cps
Lead	206-1	1128	1039	1039	1069	4.80	cps
Lead	207-1	917	967	983	956	3.63	cps
Lead	208-1	4200	4273	4134	4202	1.65	cps
Lithium	6-1	676566	680181	678833	678527	0.27	cps
Magnesium	24-2	42314	42272	42882	42490	0.80	cps
Manganese	55-2	3387	3107	3100	3198	5.12	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-07RE Instrumnet Name : P8
 Client Sample ID : DC14723-43-FL2-CL211- Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:42:56 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	475	475	508	486	3.96	cps
Molybdenum	95-1	117	167	208	164	28.01	cps
Molybdenum	96-1	400	350	417	389	8.92	cps
Molybdenum	97-1	275	217	300	264	16.21	cps
Molybdenum	98-1	350	308	417	358	15.25	cps
Neodymium	150-1	67	33	53	51	32.82	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	437	407	427	423	3.61	cps
Phosphorus	31-2	458	367	392	406	11.68	cps
Potassium	39-2	14633	14425	14975	14678	1.89	cps
Rhodium	103-1	7059329	7082603	7045894	7062609	0.26	cps
Rhodium	103-2	1867902	1991596	2011237	1956912	3.97	cps
Scandium	45-1	4257462	4325987	4242597	4275348	1.04	cps
Scandium	45-2	36495	38443	39877	38271	4.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	4	3	34.64	cps
Selenium	82-1	-121	-44	-39	-68	-67.65	cps
Silicon	28-1	3832252	3721786	3797492	3783843	1.49	cps
Silver	109-1	108	200	217	175	33.33	cps
Silver	107-1	254	400	508	388	32.92	cps
Sodium	23-2	930121	917844	917587	921851	0.78	cps
Strontium	86-1	60024	59899	61305	60410	1.29	cps
Strontium	88-1	514758	511261	516763	514260	0.54	cps
Sulfur	34-1	412411	409280	409229	410307	0.44	cps
Terbium	159-1	8923756	8834489	8744319	8834188	1.02	cps
Terbium	159-2	1910223	2063211	2062681	2012038	4.38	cps
Thallium	203-1	125	108	83	106	19.87	cps
Thallium	205-1	375	342	458	392	15.34	cps
Tin	118-1	1625	1634	1400	1553	8.53	cps
Titanium	47-1	450	450	475	458	3.15	cps
Uranium	238-1	225	217	242	228	5.59	cps
Vanadium	51-2	53	67	57	59	11.79	cps
Yttrium	89-1	8069290	8073558	8095474	8079441	0.17	cps
Yttrium	89-2	262544	280880	281711	275045	3.94	cps
Zinc	66-2	3737	3531	3754	3674	3.39	cps
Zirconium	90-1	1067	825	908	933	13.15	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-07RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-43-FL2-CL211-	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:42:56	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	175	175	181	5.33	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-08RE Instrumnet Name : P8
 Client Sample ID : DC14723-44-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:46:04 DataFile Name : 049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	825	942	858	875	6.87	cps
Antimony	121-1	858	1000	675	845	19.30	cps
Arsenic	75-2	54	50	41	48	13.87	cps
Barium	135-1	35323	35757	36209	35763	1.24	cps
Barium	137-1	60791	61577	60891	61086	0.70	cps
Beryllium	9-1	72	89	56	72	23.07	cps
Bismuth	209-1	5006505	5110233	5013658	5043465	1.15	cps
Bismuth	209-2	1602794	1607473	1605725	1605331	0.15	cps
Boron	10-1	1008	1067	1033	1036	2.82	cps
Boron	11-1	4426	4484	4693	4534	3.09	cps
Cadmium	111-1	1279	1410	1227	1305	7.22	cps
Cadmium	106-1	1817	1950	1717	1828	6.40	cps
Cadmium	108-1	38	25	29	31	20.83	cps
Calcium	43-1	129795	131444	130745	130661	0.63	cps
Calcium	44-1	2198300	2198976	2213636	2203638	0.39	cps
Chromium	52-2	987	983	847	939	8.51	cps
Cobalt	59-2	213	267	230	237	11.53	cps
Copper	63-2	246212	245030	245902	245715	0.25	cps
Dysprosium	156-1	42	25	50	39	32.73	cps
Dysprosium	156-2	13	10	7	10	33.30	cps
Erbium	164-1	50	75	125	83	45.83	cps
Erbium	164-2	10	23	7	13	66.12	cps
Gadolinium	160-1	58	200	167	142	52.28	cps
Gadolinium	160-2	23	27	17	22	22.91	cps
Holmium	165-1	8370558	8498496	8265090	8378048	1.40	cps
Holmium	165-2	2146139	2145108	2145056	2145434	0.03	cps
Indium	115-1	7574628	7625418	7437239	7545762	1.29	cps
Indium	115-2	387315	388789	386708	387604	0.28	cps
Iron	56-2	18602	18001	18496	18366	1.75	cps
Iron	57-2	428	556	450	478	14.29	cps
Lead	206-1	8509	8097	8803	8470	4.19	cps
Lead	207-1	7147	7302	7147	7199	1.25	cps
Lead	208-1	33496	32517	33752	33255	1.96	cps
Lithium	6-1	670939	679392	675531	675287	0.63	cps
Magnesium	24-2	41646	42807	42740	42398	1.54	cps
Manganese	55-2	4331	4561	4221	4371	3.97	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-08RE Instrumnet Name : P8
 Client Sample ID : DC14723-44-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:46:04 DataFile Name : 049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	533	700	533	589	16.34	cps
Molybdenum	95-1	100	258	233	197	43.16	cps
Molybdenum	96-1	483	458	417	453	7.44	cps
Molybdenum	97-1	250	292	342	294	15.59	cps
Molybdenum	98-1	350	242	392	328	23.62	cps
Neodymium	150-1	33	47	53	44	22.92	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	1353	1230	1297	1293	4.77	cps
Phosphorus	31-2	283	375	367	342	14.84	cps
Potassium	39-2	14516	14717	14808	14680	1.02	cps
Rhodium	103-1	7023871	7197442	7012916	7078076	1.46	cps
Rhodium	103-2	2033436	2040067	2021003	2031502	0.48	cps
Scandium	45-1	4223475	4256111	4222881	4234156	0.45	cps
Scandium	45-2	39823	40051	40435	40103	0.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	2	0	3	124.95	cps
Selenium	82-1	-27	-211	24	-71	-172.76	cps
Silicon	28-1	3817551	3842973	3785393	3815306	0.76	cps
Silver	109-1	208	150	225	194	20.25	cps
Silver	107-1	521	383	546	483	18.10	cps
Sodium	23-2	917335	919730	913795	916953	0.33	cps
Strontium	86-1	58635	59179	57430	58414	1.53	cps
Strontium	88-1	508150	504669	501715	504845	0.64	cps
Sulfur	34-1	409488	402853	408723	407021	0.89	cps
Terbium	159-1	8849008	8982875	8805365	8879083	1.04	cps
Terbium	159-2	2068040	2106369	2084699	2086369	0.92	cps
Thallium	203-1	158	133	167	153	11.36	cps
Thallium	205-1	392	308	325	342	12.91	cps
Tin	118-1	7761	7577	7102	7480	4.54	cps
Titanium	47-1	583	567	575	575	1.45	cps
Uranium	238-1	292	275	283	283	2.94	cps
Vanadium	51-2	43	60	70	58	23.32	cps
Yttrium	89-1	7976286	8054848	7977299	8002811	0.56	cps
Yttrium	89-2	282819	284555	283774	283716	0.31	cps
Zinc	66-2	37601	37982	38376	37986	1.02	cps
Zirconium	90-1	1025	1192	1158	1125	7.84	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-08RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-44-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:46:04	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	300	258	244	26.04	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-09RE Instrumnet Name : P8
 Client Sample ID : DC14723-45-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:49:14 DataFile Name : 050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	83	58	106	58.20	cps
Antimony	121-1	592	567	483	547	10.37	cps
Arsenic	75-2	44	39	35	40	11.78	cps
Barium	135-1	35992	34362	35081	35145	2.32	cps
Barium	137-1	61202	60515	60322	60679	0.76	cps
Beryllium	9-1	89	78	39	69	38.32	cps
Bismuth	209-1	5070615	5081635	4915464	5022572	1.85	cps
Bismuth	209-2	1605205	1630969	1604578	1613584	0.93	cps
Boron	10-1	1000	733	842	858	15.63	cps
Boron	11-1	3684	4059	4159	3967	6.31	cps
Cadmium	111-1	1172	1363	1419	1318	9.83	cps
Cadmium	106-1	1642	1934	2000	1859	10.25	cps
Cadmium	108-1	21	4	8	11	78.05	cps
Calcium	43-1	133295	131620	132486	132467	0.63	cps
Calcium	44-1	2235516	2269064	2263780	2256120	0.80	cps
Chromium	52-2	990	967	953	970	1.91	cps
Cobalt	59-2	83	83	50	72	26.65	cps
Copper	63-2	265106	266079	263913	265032	0.41	cps
Dysprosium	156-1	50	83	0	44	94.38	cps
Dysprosium	156-2	7	17	10	11	45.82	cps
Erbium	164-1	100	83	33	72	48.04	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	133	67	175	125	43.72	cps
Gadolinium	160-2	23	13	10	16	44.60	cps
Holmium	165-1	8577649	8410079	8186709	8391479	2.34	cps
Holmium	165-2	2149424	2173742	2151200	2158122	0.63	cps
Indium	115-1	7626213	7580326	7298494	7501678	2.37	cps
Indium	115-2	387949	386838	387532	387440	0.14	cps
Iron	56-2	16795	18955	16054	17268	8.73	cps
Iron	57-2	339	444	472	419	16.81	cps
Lead	206-1	1328	1428	1617	1458	10.07	cps
Lead	207-1	1211	1183	1250	1215	2.76	cps
Lead	208-1	5478	5506	5956	5647	4.75	cps
Lithium	6-1	691056	680075	672257	681129	1.39	cps
Magnesium	24-2	43702	43426	43668	43599	0.34	cps
Manganese	55-2	3340	3764	3450	3518	6.24	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-09RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-45-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:49:14	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	550	367	442	453	20.36	cps
Molybdenum	95-1	283	183	175	214	28.18	cps
Molybdenum	96-1	250	392	550	397	37.78	cps
Molybdenum	97-1	183	242	233	219	14.38	cps
Molybdenum	98-1	267	367	367	333	17.32	cps
Neodymium	150-1	53	13	33	33	60.02	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	390	423	317	377	14.49	cps
Phosphorus	31-2	392	350	350	364	6.61	cps
Potassium	39-2	14658	14541	14508	14569	0.54	cps
Rhodium	103-1	7187903	7094405	6895100	7059136	2.12	cps
Rhodium	103-2	2036398	2028005	2044430	2036278	0.40	cps
Scandium	45-1	4269048	4300928	4119970	4229982	2.28	cps
Scandium	45-2	39466	40301	39008	39591	1.66	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	20	-35	4	-4	-782.96	cps
Silicon	28-1	3791751	3777372	3805044	3791389	0.37	cps
Silver	109-1	158	150	192	167	13.23	cps
Silver	107-1	354	383	571	436	26.96	cps
Sodium	23-2	939706	941633	931000	937446	0.60	cps
Strontium	86-1	59329	59171	59573	59358	0.34	cps
Strontium	88-1	507034	512907	509960	509967	0.58	cps
Sulfur	34-1	410671	407962	412591	410408	0.57	cps
Terbium	159-1	8996012	8934792	8635299	8855368	2.18	cps
Terbium	159-2	2064209	2076547	2081517	2074091	0.43	cps
Thallium	203-1	133	108	175	139	24.25	cps
Thallium	205-1	217	292	183	231	24.07	cps
Tin	118-1	625	442	517	528	17.47	cps
Titanium	47-1	1387	592	483	821	60.11	cps
Uranium	238-1	333	325	242	300	16.90	cps
Vanadium	51-2	100	43	70	71	39.87	cps
Yttrium	89-1	8092385	8080691	7866073	8013050	1.59	cps
Yttrium	89-2	284089	285067	285883	285013	0.32	cps
Zinc	66-2	2154	2054	2037	2081	3.03	cps
Zirconium	90-1	725	867	767	786	9.26	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-09RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-45-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:49:14	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	158	183	178	9.76	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-10RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-46-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:52:23	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	158	117	122	27.56	cps
Antimony	121-1	733	725	867	775	10.26	cps
Arsenic	75-2	57	39	44	47	20.26	cps
Barium	135-1	36434	37638	37354	37142	1.69	cps
Barium	137-1	64081	63335	63653	63690	0.59	cps
Beryllium	9-1	83	56	94	78	25.75	cps
Bismuth	209-1	5106198	5040351	4840240	4995596	2.77	cps
Bismuth	209-2	1624488	1623559	1626361	1624803	0.09	cps
Boron	10-1	708	800	775	761	6.23	cps
Boron	11-1	3951	4393	4159	4167	5.30	cps
Cadmium	111-1	1201	1369	1078	1216	12.02	cps
Cadmium	106-1	1700	1884	1542	1709	10.01	cps
Cadmium	108-1	38	29	50	39	26.96	cps
Calcium	43-1	132252	131999	130779	131677	0.60	cps
Calcium	44-1	2238180	2233445	2196432	2222685	1.03	cps
Chromium	52-2	963	963	963	963	0.00	cps
Cobalt	59-2	100	113	70	94	23.50	cps
Copper	63-2	373357	370407	369261	371008	0.57	cps
Dysprosium	156-1	33	33	75	47	50.95	cps
Dysprosium	156-2	17	13	13	14	13.35	cps
Erbium	164-1	67	117	50	78	44.61	cps
Erbium	164-2	13	13	30	19	50.96	cps
Gadolinium	160-1	108	67	92	89	23.59	cps
Gadolinium	160-2	17	33	20	23	37.78	cps
Holmium	165-1	8496876	8596793	8130786	8408152	2.92	cps
Holmium	165-2	2196800	2174022	2156464	2175762	0.93	cps
Indium	115-1	7619598	7568431	7315852	7501293	2.17	cps
Indium	115-2	391541	390742	393167	391817	0.32	cps
Iron	56-2	32594	33173	33747	33172	1.74	cps
Iron	57-2	744	845	867	819	7.95	cps
Lead	206-1	8764	9187	8753	8902	2.78	cps
Lead	207-1	7319	7041	7180	7180	1.94	cps
Lead	208-1	33434	34826	33501	33920	2.31	cps
Lithium	6-1	691272	698142	660265	683226	2.95	cps
Magnesium	24-2	44930	43334	44186	44150	1.81	cps
Manganese	55-2	8396	8489	8753	8546	2.17	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-10RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-46-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:52:23	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	458	558	517	511	9.83	cps
Molybdenum	95-1	233	175	308	239	27.98	cps
Molybdenum	96-1	308	358	442	369	18.23	cps
Molybdenum	97-1	325	233	275	278	16.52	cps
Molybdenum	98-1	350	408	367	375	8.01	cps
Neodymium	150-1	60	93	53	69	31.11	cps
Neodymium	150-2	13	23	13	17	34.65	cps
Nickel	60-2	900	973	1080	984	9.19	cps
Phosphorus	31-2	375	400	317	364	11.75	cps
Potassium	39-2	14792	14875	15050	14906	0.89	cps
Rhodium	103-1	7153861	7165766	6897601	7072409	2.14	cps
Rhodium	103-2	2010012	2021161	2036822	2022665	0.67	cps
Scandium	45-1	4339960	4332035	4128380	4266792	2.81	cps
Scandium	45-2	39365	40910	40094	40123	1.93	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	-170	-62	-6	-79	-105.90	cps
Silicon	28-1	3811109	3801820	3730636	3781188	1.16	cps
Silver	109-1	150	167	167	161	5.97	cps
Silver	107-1	417	500	492	469	9.78	cps
Sodium	23-2	936068	923714	935321	931701	0.74	cps
Strontium	86-1	60736	60493	59898	60376	0.71	cps
Strontium	88-1	520086	509770	508883	512913	1.21	cps
Sulfur	34-1	413514	413991	408469	411992	0.74	cps
Terbium	159-1	8915528	9018693	8535954	8823392	2.88	cps
Terbium	159-2	2115741	2097351	2107094	2106728	0.44	cps
Thallium	203-1	100	225	175	167	37.75	cps
Thallium	205-1	300	250	342	297	15.44	cps
Tin	118-1	5526	5752	4934	5404	7.81	cps
Titanium	47-1	858	900	983	914	6.96	cps
Uranium	238-1	300	383	400	361	14.84	cps
Vanadium	51-2	70	70	60	67	8.66	cps
Yttrium	89-1	8132514	8062888	7700490	7965297	2.91	cps
Yttrium	89-2	285949	285244	285469	285554	0.13	cps
Zinc	66-2	27638	27360	27010	27336	1.15	cps
Zirconium	90-1	1058	1008	1025	1031	2.47	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-10RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-46-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:52:23	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	217	200	200	8.33	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-11RE Instrumnet Name : P8
 Client Sample ID : DC14723-47-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 14:55:31 DataFile Name : 052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	125	192	133	40.99	cps
Antimony	121-1	750	650	558	653	14.69	cps
Arsenic	75-2	37	44	46	43	11.50	cps
Barium	135-1	35231	35699	34981	35304	1.03	cps
Barium	137-1	61317	62583	60556	61485	1.66	cps
Beryllium	9-1	72	89	78	80	10.66	cps
Bismuth	209-1	5150291	4749413	5089525	4996410	4.32	cps
Bismuth	209-2	1643513	1628656	1622728	1631632	0.66	cps
Boron	10-1	875	733	867	825	9.64	cps
Boron	11-1	4192	4126	3634	3984	7.66	cps
Cadmium	111-1	1082	1339	1436	1286	14.23	cps
Cadmium	106-1	1509	1900	2017	1809	14.72	cps
Cadmium	108-1	4	17	13	11	57.27	cps
Calcium	43-1	133957	134269	130239	132822	1.69	cps
Calcium	44-1	2228837	2242551	2217373	2229587	0.57	cps
Chromium	52-2	943	897	930	923	2.60	cps
Cobalt	59-2	70	43	77	63	27.85	cps
Copper	63-2	194834	194246	193037	194039	0.47	cps
Dysprosium	156-1	25	75	58	53	48.24	cps
Dysprosium	156-2	10	10	0	7	86.60	cps
Erbium	164-1	42	75	67	61	28.38	cps
Erbium	164-2	10	7	13	10	33.30	cps
Gadolinium	160-1	125	117	117	119	4.03	cps
Gadolinium	160-2	40	23	33	32	26.04	cps
Holmium	165-1	8533270	7898426	8588355	8340017	4.60	cps
Holmium	165-2	2197660	2175990	2176678	2183443	0.56	cps
Indium	115-1	7703638	7017388	7644827	7455284	5.10	cps
Indium	115-2	394506	392909	388136	391850	0.85	cps
Iron	56-2	20624	21327	23870	21940	7.78	cps
Iron	57-2	522	489	522	511	3.77	cps
Lead	206-1	1489	1383	1406	1426	3.90	cps
Lead	207-1	1322	1256	1317	1298	2.85	cps
Lead	208-1	5912	5817	5890	5873	0.84	cps
Lithium	6-1	697823	637832	697285	677647	5.09	cps
Magnesium	24-2	43425	42908	42615	42983	0.95	cps
Manganese	55-2	4551	4377	4444	4457	1.96	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-11RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-47-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:55:31	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	567	492	575	544	8.43	cps
Molybdenum	95-1	183	317	142	214	42.74	cps
Molybdenum	96-1	333	367	467	389	17.84	cps
Molybdenum	97-1	267	242	283	264	7.95	cps
Molybdenum	98-1	350	275	442	356	23.48	cps
Neodymium	150-1	40	40	53	44	17.33	cps
Neodymium	150-2	17	13	3	11	62.48	cps
Nickel	60-2	483	547	467	499	8.46	cps
Phosphorus	31-2	408	475	425	436	7.96	cps
Potassium	39-2	15609	14491	15159	15086	3.73	cps
Rhodium	103-1	7172019	6661856	7155814	6996563	4.14	cps
Rhodium	103-2	2078128	2049385	2009956	2045823	1.67	cps
Scandium	45-1	4300521	4049449	4324381	4224784	3.61	cps
Scandium	45-2	40602	39613	39970	40062	1.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	11	0	5	114.60	cps
Selenium	82-1	-54	-145	-125	-108	-44.21	cps
Silicon	28-1	3771643	3849276	3825194	3815371	1.04	cps
Silver	109-1	117	158	150	142	15.56	cps
Silver	107-1	350	346	400	365	8.25	cps
Sodium	23-2	931585	925939	937069	931531	0.60	cps
Strontium	86-1	60560	59530	59305	59798	1.12	cps
Strontium	88-1	516974	514065	507608	512882	0.93	cps
Sulfur	34-1	419115	411588	407019	412574	1.48	cps
Terbium	159-1	9045652	8312233	8914973	8757619	4.47	cps
Terbium	159-2	2115595	2091192	2079469	2095419	0.88	cps
Thallium	203-1	200	108	133	147	32.19	cps
Thallium	205-1	333	342	383	353	7.59	cps
Tin	118-1	1667	1350	1308	1442	13.59	cps
Titanium	47-1	600	408	508	506	18.96	cps
Uranium	238-1	300	208	333	281	23.07	cps
Vanadium	51-2	73	53	67	64	15.80	cps
Yttrium	89-1	8151799	7517591	8100249	7923213	4.45	cps
Yttrium	89-2	289760	288292	285853	287968	0.69	cps
Zinc	66-2	3841	3757	3901	3833	1.88	cps
Zirconium	90-1	933	808	842	861	7.52	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-11RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-47-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:55:31	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	175	200	197	10.63	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-12RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-48-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:58:41	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	33	125	92	55.30	cps
Antimony	121-1	558	825	608	664	21.35	cps
Arsenic	75-2	52	48	56	52	7.15	cps
Barium	135-1	34788	35465	36242	35499	2.05	cps
Barium	137-1	60531	61301	61628	61153	0.92	cps
Beryllium	9-1	89	28	67	61	50.61	cps
Bismuth	209-1	5053430	5128703	5004066	5062066	1.24	cps
Bismuth	209-2	1595979	1601163	1622389	1606511	0.87	cps
Boron	10-1	833	792	925	850	8.02	cps
Boron	11-1	3951	3876	4293	4040	5.50	cps
Cadmium	111-1	1302	1284	1299	1295	0.73	cps
Cadmium	106-1	1825	1800	1834	1820	0.95	cps
Cadmium	108-1	25	25	25	25	0.00	cps
Calcium	43-1	134338	132967	133051	133452	0.58	cps
Calcium	44-1	2228761	2228820	2246930	2234837	0.47	cps
Chromium	52-2	1080	997	877	985	10.38	cps
Cobalt	59-2	93	110	77	93	17.85	cps
Copper	63-2	196728	195649	198258	196878	0.67	cps
Dysprosium	156-1	67	75	100	81	21.54	cps
Dysprosium	156-2	23	20	23	22	8.65	cps
Erbium	164-1	83	92	92	89	5.41	cps
Erbium	164-2	17	23	7	16	53.90	cps
Gadolinium	160-1	75	158	83	106	43.48	cps
Gadolinium	160-2	17	40	30	29	40.51	cps
Holmium	165-1	8444104	8624506	8390539	8486383	1.44	cps
Holmium	165-2	2142515	2136587	2174822	2151308	0.96	cps
Indium	115-1	7595144	7632983	7555391	7594506	0.51	cps
Indium	115-2	383970	385304	392891	387388	1.24	cps
Iron	56-2	24044	23259	25173	24158	3.98	cps
Iron	57-2	606	672	622	633	5.48	cps
Lead	206-1	3162	2956	2962	3026	3.87	cps
Lead	207-1	2684	2428	2378	2497	6.57	cps
Lead	208-1	12275	11113	11564	11651	5.03	cps
Lithium	6-1	688569	690909	681770	687083	0.69	cps
Magnesium	24-2	41763	41662	43442	42289	2.36	cps
Manganese	55-2	6432	6455	6558	6482	1.04	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-12RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-48-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:58:41	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	433	417	333	394	13.58	cps
Molybdenum	95-1	225	192	292	236	21.57	cps
Molybdenum	96-1	383	350	442	392	11.85	cps
Molybdenum	97-1	283	250	308	281	10.43	cps
Molybdenum	98-1	308	325	358	331	7.70	cps
Neodymium	150-1	33	73	33	47	49.50	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	2514	2484	2574	2524	1.82	cps
Phosphorus	31-2	358	350	350	353	1.36	cps
Potassium	39-2	14783	15150	15426	15120	2.13	cps
Rhodium	103-1	7144053	7161539	7052250	7119281	0.82	cps
Rhodium	103-2	2017638	2026775	2058590	2034334	1.06	cps
Scandium	45-1	4289248	4280142	4223943	4264444	0.83	cps
Scandium	45-2	38884	39720	40649	39751	2.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	4	2	4	50.09	cps
Selenium	82-1	-156	-22	-84	-87	-76.96	cps
Silicon	28-1	3930900	3968385	3970884	3956723	0.57	cps
Silver	109-1	217	167	200	194	13.10	cps
Silver	107-1	517	400	500	472	13.36	cps
Sodium	23-2	911939	909661	916194	912598	0.36	cps
Strontium	86-1	59120	60970	58702	59598	2.03	cps
Strontium	88-1	508623	514514	507807	510315	0.72	cps
Sulfur	34-1	413532	415961	418852	416115	0.64	cps
Terbium	159-1	8954154	9053466	8787157	8931592	1.51	cps
Terbium	159-2	2070620	2057229	2086839	2071563	0.72	cps
Thallium	203-1	183	142	150	158	13.92	cps
Thallium	205-1	350	275	333	319	12.33	cps
Tin	118-1	875	667	750	764	13.73	cps
Titanium	47-1	583	617	542	581	6.47	cps
Uranium	238-1	275	333	283	297	10.61	cps
Vanadium	51-2	70	47	83	67	27.83	cps
Yttrium	89-1	8050434	8147589	7905110	8034378	1.52	cps
Yttrium	89-2	280098	281054	288003	283052	1.52	cps
Zinc	66-2	22963	22619	23316	22966	1.52	cps
Zirconium	90-1	858	850	967	892	7.30	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-12RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-48-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 14:58:41	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	150	350	208	59.19	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-13RE Instrumnet Name : P8
 Client Sample ID : DC14723-49-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 15:01:50 DataFile Name : 054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	167	125	139	17.32	cps
Antimony	121-1	667	583	467	572	17.56	cps
Arsenic	75-2	46	54	31	44	25.82	cps
Barium	135-1	35407	34705	35298	35137	1.08	cps
Barium	137-1	61385	62155	60732	61424	1.16	cps
Beryllium	9-1	50	83	78	70	25.38	cps
Bismuth	209-1	5081135	5068782	5044790	5064903	0.36	cps
Bismuth	209-2	1651961	1627572	1633458	1637664	0.78	cps
Boron	10-1	808	750	967	842	13.32	cps
Boron	11-1	4067	3876	4042	3995	2.61	cps
Cadmium	111-1	1318	1397	1334	1350	3.11	cps
Cadmium	106-1	1875	1959	1875	1903	2.53	cps
Cadmium	108-1	17	4	17	13	57.72	cps
Calcium	43-1	133370	133899	130831	132700	1.24	cps
Calcium	44-1	2253330	2199272	2218768	2223790	1.23	cps
Chromium	52-2	1030	897	920	949	7.50	cps
Cobalt	59-2	90	90	107	96	10.07	cps
Copper	63-2	187175	185152	187161	186496	0.62	cps
Dysprosium	156-1	33	50	50	44	21.66	cps
Dysprosium	156-2	20	17	13	17	20.01	cps
Erbium	164-1	108	83	58	83	30.00	cps
Erbium	164-2	20	23	7	17	52.90	cps
Gadolinium	160-1	108	58	108	92	31.49	cps
Gadolinium	160-2	3	13	23	13	75.02	cps
Holmium	165-1	8427824	8554286	8530109	8504073	0.79	cps
Holmium	165-2	2205886	2175936	2199090	2193637	0.72	cps
Indium	115-1	7518592	7570313	7628678	7572528	0.73	cps
Indium	115-2	396298	394397	395499	395398	0.24	cps
Iron	56-2	21790	23446	22141	22459	3.88	cps
Iron	57-2	439	606	600	548	17.27	cps
Lead	206-1	1211	1222	1267	1233	2.38	cps
Lead	207-1	1083	1056	995	1045	4.35	cps
Lead	208-1	4645	4650	4773	4689	1.54	cps
Lithium	6-1	676441	688369	684238	683016	0.89	cps
Magnesium	24-2	42548	43835	43259	43214	1.49	cps
Manganese	55-2	5221	5184	5501	5302	3.27	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-13RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-49-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:01:50	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	458	508	408	458	10.91	cps
Molybdenum	95-1	175	217	225	206	13.03	cps
Molybdenum	96-1	358	283	450	364	22.94	cps
Molybdenum	97-1	217	292	233	247	15.93	cps
Molybdenum	98-1	308	358	317	328	8.17	cps
Neodymium	150-1	113	60	27	67	65.57	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	853	847	910	870	4.00	cps
Phosphorus	31-2	375	375	475	408	14.14	cps
Potassium	39-2	14967	14875	15526	15123	2.33	cps
Rhodium	103-1	7089083	7066625	7132106	7095938	0.47	cps
Rhodium	103-2	2067960	2040035	2047575	2051857	0.70	cps
Scandium	45-1	4285400	4364586	4353458	4334481	0.99	cps
Scandium	45-2	39947	39987	40438	40124	0.68	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	7	4	6	6	33.38	cps
Selenium	82-1	-178	35	-171	-105	-115.78	cps
Silicon	28-1	3863636	3836354	3865178	3855056	0.42	cps
Silver	109-1	192	200	167	186	9.32	cps
Silver	107-1	479	467	450	465	3.15	cps
Sodium	23-2	931604	925194	930035	928945	0.36	cps
Strontium	86-1	60787	59865	60560	60404	0.80	cps
Strontium	88-1	518417	513493	512621	514844	0.61	cps
Sulfur	34-1	414425	415101	412537	414021	0.32	cps
Terbium	159-1	8871080	8892455	8721834	8828456	1.05	cps
Terbium	159-2	2109085	2118229	2090783	2106032	0.66	cps
Thallium	203-1	175	158	150	161	7.90	cps
Thallium	205-1	317	333	275	308	9.75	cps
Tin	118-1	708	658	533	633	14.23	cps
Titanium	47-1	567	542	633	581	8.16	cps
Uranium	238-1	300	292	325	306	5.68	cps
Vanadium	51-2	67	57	63	62	8.18	cps
Yttrium	89-1	8057353	8069348	8088029	8071577	0.19	cps
Yttrium	89-2	290743	290057	292226	291009	0.38	cps
Zinc	66-2	3147	3180	3180	3169	0.61	cps
Zirconium	90-1	1042	1000	842	961	10.98	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-13RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-49-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:01:50	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	233	183	211	12.06	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:05:00	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	25	8	19	49.50	cps
Antimony	121-1	100	100	83	94	10.18	cps
Arsenic	75-2	7	6	7	7	15.72	cps
Barium	135-1	117	92	75	94	22.21	cps
Barium	137-1	183	167	175	175	4.76	cps
Beryllium	9-1	67	89	39	65	38.65	cps
Bismuth	209-1	4841430	4511350	4724207	4692329	3.57	cps
Bismuth	209-2	1496583	1480057	1507307	1494649	0.92	cps
Boron	10-1	292	408	375	358	16.77	cps
Boron	11-1	1725	1742	1475	1647	9.07	cps
Cadmium	111-1	1069	1218	1059	1115	7.99	cps
Cadmium	106-1	1534	1709	1517	1586	6.69	cps
Cadmium	108-1	13	4	4	7	69.23	cps
Calcium	43-1	2300	2525	2442	2423	4.70	cps
Calcium	44-1	46872	47272	46712	46952	0.61	cps
Chromium	52-2	913	923	907	914	0.92	cps
Cobalt	59-2	67	70	73	70	4.76	cps
Copper	63-2	357	320	307	328	7.90	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	25	17	19	24.73	cps
Erbium	164-2	0	3	13	6	124.93	cps
Gadolinium	160-1	50	83	33	56	45.83	cps
Gadolinium	160-2	13	7	7	9	43.25	cps
Holmium	165-1	7992516	7526960	7798301	7772593	3.01	cps
Holmium	165-2	1981808	1978178	2019216	1993067	1.14	cps
Indium	115-1	7274774	6755747	7067491	7032671	3.71	cps
Indium	115-2	358975	356784	362366	359375	0.78	cps
Iron	56-2	2773	2828	2595	2732	4.46	cps
Iron	57-2	78	117	89	94	21.21	cps
Lead	206-1	2797838	2797066	2721809	2772237	1.58	cps
Lead	207-1	2615091	2594926	2515141	2575053	2.05	cps
Lead	208-1	11441621	11443932	11140425	11341992	1.54	cps
Lithium	6-1	655843	607070	632604	631839	3.86	cps
Magnesium	24-2	208	117	108	144	38.41	cps
Manganese	55-2	60	40	47	49	20.83	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:05:00	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	283	225	183	231	21.79	cps
Molybdenum	95-1	42	8	58	36	70.51	cps
Molybdenum	96-1	242	200	167	203	18.53	cps
Molybdenum	97-1	158	175	125	153	16.66	cps
Molybdenum	98-1	50	33	58	47	26.97	cps
Neodymium	150-1	40	0	13	18	114.57	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	193	163	200	186	10.52	cps
Phosphorus	31-2	33	17	17	22	43.28	cps
Potassium	39-2	3434	3517	3492	3481	1.23	cps
Rhodium	103-1	6831428	6355463	6609149	6598680	3.61	cps
Rhodium	103-2	1883164	1896001	1910890	1896685	0.73	cps
Scandium	45-1	4075901	3816054	3994218	3962058	3.35	cps
Scandium	45-2	36357	36808	37052	36739	0.96	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	9	2	4	132.32	cps
Selenium	82-1	-136	-43	-90	-89	-51.72	cps
Silicon	28-1	429414	419266	422151	423610	1.23	cps
Silver	109-1	83	117	75	92	24.05	cps
Silver	107-1	267	292	321	293	9.25	cps
Sodium	23-2	5268	5326	5043	5212	2.87	cps
Strontium	86-1	900	992	1083	992	9.24	cps
Strontium	88-1	475	550	492	506	7.79	cps
Sulfur	34-1	370324	368735	367949	369002	0.33	cps
Terbium	159-1	8390856	7899236	8196149	8162080	3.03	cps
Terbium	159-2	1941559	1922249	1948920	1937576	0.71	cps
Thallium	203-1	150	150	183	161	11.94	cps
Thallium	205-1	350	367	392	369	5.68	cps
Tin	118-1	792	867	808	822	4.79	cps
Titanium	47-1	208	175	208	197	9.76	cps
Uranium	238-1	42	75	33	50	44.10	cps
Vanadium	51-2	13	17	13	14	13.35	cps
Yttrium	89-1	7667163	7239758	7453860	7453594	2.87	cps
Yttrium	89-2	265972	261657	266721	264784	1.03	cps
Zinc	66-2	87	110	100	99	11.84	cps
Zirconium	90-1	458	542	475	492	8.97	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:05:00	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	108	117	114	4.22	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : CCB43 Instrumnet Name : P8
 Client Sample ID : CCB43 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 15:08:08 DataFile Name : 056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	58	25	28	105.36	cps
Antimony	121-1	92	92	108	97	9.90	cps
Arsenic	75-2	6	4	0	3	91.69	cps
Barium	135-1	125	67	25	72	69.55	cps
Barium	137-1	92	92	92	92	0.00	cps
Beryllium	9-1	72	50	72	65	19.79	cps
Bismuth	209-1	4842406	4874133	4855377	4857305	0.33	cps
Bismuth	209-2	1581793	1566165	1382505	1510154	7.34	cps
Boron	10-1	300	175	317	264	29.34	cps
Boron	11-1	1133	1150	1150	1145	0.84	cps
Cadmium	111-1	1358	1229	1270	1286	5.10	cps
Cadmium	106-1	1959	1759	1834	1850	5.46	cps
Cadmium	108-1	25	8	25	19	49.50	cps
Calcium	43-1	2525	2559	2592	2559	1.30	cps
Calcium	44-1	46420	45885	46361	46222	0.63	cps
Chromium	52-2	843	1010	943	932	9.00	cps
Cobalt	59-2	63	53	47	54	15.40	cps
Copper	63-2	280	303	357	313	12.54	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	17	42	28	45.82	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	100	125	33	86	55.03	cps
Gadolinium	160-2	13	3	23	13	75.02	cps
Holmium	165-1	8237839	8293696	8045068	8192201	1.59	cps
Holmium	165-2	2132751	2100621	1839000	2024124	7.96	cps
Indium	115-1	7415342	7473232	7390642	7426406	0.57	cps
Indium	115-2	379194	377419	335535	364049	6.79	cps
Iron	56-2	2878	2639	2739	2752	4.36	cps
Iron	57-2	61	78	83	74	15.62	cps
Lead	206-1	528	644	628	600	10.52	cps
Lead	207-1	578	439	628	548	17.85	cps
Lead	208-1	2272	2339	2550	2387	6.08	cps
Lithium	6-1	666918	663606	656430	662318	0.81	cps
Magnesium	24-2	183	200	233	206	12.38	cps
Manganese	55-2	77	67	50	64	20.91	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:08:08	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	192	175	233	200	15.02	cps
Molybdenum	95-1	25	17	25	22	21.64	cps
Molybdenum	96-1	167	158	183	169	7.51	cps
Molybdenum	97-1	175	142	167	161	10.77	cps
Molybdenum	98-1	225	17	17	86	139.70	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	187	177	160	174	7.72	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	3301	3576	3601	3492	4.77	cps
Rhodium	103-1	7036851	6971030	6863404	6957095	1.26	cps
Rhodium	103-2	1986047	2003056	1764608	1917904	6.94	cps
Scandium	45-1	4226975	4177240	4133910	4179375	1.11	cps
Scandium	45-2	38934	38810	35012	37585	5.93	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	0	7	4	4	100.05	cps
Selenium	82-1	-167	-95	-70	-111	-45.21	cps
Silicon	28-1	404156	408976	406816	406649	0.59	cps
Silver	109-1	108	108	83	100	14.43	cps
Silver	107-1	313	263	225	267	16.46	cps
Sodium	23-2	5034	5093	5034	5054	0.67	cps
Strontium	86-1	1083	1092	975	1050	6.20	cps
Strontium	88-1	300	433	325	353	20.09	cps
Sulfur	34-1	370461	371761	373266	371829	0.38	cps
Terbium	159-1	8665741	8611029	8443924	8573564	1.35	cps
Terbium	159-2	2049740	2030303	1784837	1954960	7.55	cps
Thallium	203-1	125	75	100	100	25.00	cps
Thallium	205-1	242	258	342	281	19.10	cps
Tin	118-1	2150	2409	2209	2256	6.01	cps
Titanium	47-1	200	158	217	192	15.68	cps
Uranium	238-1	50	25	42	39	32.73	cps
Vanadium	51-2	27	10	13	17	52.93	cps
Yttrium	89-1	7929336	7876958	7767592	7857962	1.05	cps
Yttrium	89-2	278092	277259	245698	267016	6.92	cps
Zinc	66-2	67	57	30	51	37.09	cps
Zirconium	90-1	458	408	467	444	7.10	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:08:08	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	83	75	75	11.11	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-14RE Instrumnet Name : P8
 Client Sample ID : DC14723-50-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 15:11:17 DataFile Name : 057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	58	100	92	32.77	cps
Antimony	121-1	592	683	642	639	7.18	cps
Arsenic	75-2	44	59	52	52	14.28	cps
Barium	135-1	35181	35465	35591	35412	0.59	cps
Barium	137-1	61410	60255	60707	60791	0.96	cps
Beryllium	9-1	61	89	106	85	26.36	cps
Bismuth	209-1	5010968	4643198	4923129	4859098	3.95	cps
Bismuth	209-2	1643856	1594923	1612224	1617001	1.53	cps
Boron	10-1	883	858	858	867	1.67	cps
Boron	11-1	3517	3384	3884	3595	7.20	cps
Cadmium	111-1	1406	1223	1286	1305	7.13	cps
Cadmium	106-1	1800	1625	1767	1731	5.37	cps
Cadmium	108-1	0	21	38	19	96.63	cps
Calcium	43-1	134396	133092	130754	132747	1.39	cps
Calcium	44-1	2232016	2201132	2216105	2216418	0.70	cps
Chromium	52-2	1043	1103	1080	1076	2.81	cps
Cobalt	59-2	70	87	73	77	11.51	cps
Copper	63-2	188124	188080	188580	188262	0.15	cps
Dysprosium	156-1	100	25	42	56	70.88	cps
Dysprosium	156-2	7	13	13	11	34.61	cps
Erbium	164-1	92	50	50	64	37.66	cps
Erbium	164-2	3	23	10	12	83.33	cps
Gadolinium	160-1	150	150	133	144	6.66	cps
Gadolinium	160-2	10	10	23	14	53.28	cps
Holmium	165-1	8413736	7921415	8417118	8250756	3.46	cps
Holmium	165-2	2208452	2147747	2134896	2163698	1.82	cps
Indium	115-1	7548323	7071071	7552465	7390619	3.74	cps
Indium	115-2	396309	385586	389371	390422	1.39	cps
Iron	56-2	19503	20018	20382	19968	2.21	cps
Iron	57-2	511	444	522	493	8.54	cps
Lead	206-1	4418	4312	4368	4366	1.21	cps
Lead	207-1	3551	3489	3317	3452	3.51	cps
Lead	208-1	16488	16271	16444	16401	0.70	cps
Lithium	6-1	673086	635242	672719	660349	3.29	cps
Magnesium	24-2	41060	42322	41838	41740	1.53	cps
Manganese	55-2	4577	4481	4711	4590	2.52	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-14RE Instrumnet Name : P8
 Client Sample ID : DC14723-50-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 15:11:17 DataFile Name : 057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	442	342	417	400	13.01	cps
Molybdenum	95-1	117	158	233	169	34.89	cps
Molybdenum	96-1	292	308	417	339	20.03	cps
Molybdenum	97-1	200	292	308	267	21.88	cps
Molybdenum	98-1	258	350	333	314	15.56	cps
Neodymium	150-1	67	53	40	53	25.00	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	543	587	570	567	3.86	cps
Phosphorus	31-2	533	367	367	422	22.79	cps
Potassium	39-2	14358	14933	14283	14525	2.45	cps
Rhodium	103-1	7041336	6676180	7129192	6948903	3.46	cps
Rhodium	103-2	2087347	2013063	2047870	2049427	1.81	cps
Scandium	45-1	4297989	3951975	4281459	4177141	4.67	cps
Scandium	45-2	40729	39452	39312	39831	1.96	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	7	2	7	75.00	cps
Selenium	82-1	-104	-135	-94	-111	-19.02	cps
Silicon	28-1	3773069	3866573	3713271	3784305	2.04	cps
Silver	109-1	225	133	142	167	30.41	cps
Silver	107-1	554	333	438	442	25.01	cps
Sodium	23-2	920190	910739	922454	917794	0.68	cps
Strontium	86-1	59739	59639	58309	59229	1.35	cps
Strontium	88-1	507686	511402	505638	508242	0.57	cps
Sulfur	34-1	417640	410997	408625	412421	1.13	cps
Terbium	159-1	8826936	8306432	8727319	8620229	3.21	cps
Terbium	159-2	2153783	2049932	2100846	2101520	2.47	cps
Thallium	203-1	100	108	67	92	24.05	cps
Thallium	205-1	350	333	367	350	4.76	cps
Tin	118-1	1283	1408	1175	1289	9.06	cps
Titanium	47-1	467	508	483	486	4.31	cps
Uranium	238-1	358	325	383	356	8.23	cps
Vanadium	51-2	73	70	113	86	28.19	cps
Yttrium	89-1	7961367	7574929	8027446	7854581	3.11	cps
Yttrium	89-2	291358	283079	284814	286417	1.52	cps
Zinc	66-2	17051	17234	17498	17261	1.30	cps
Zirconium	90-1	817	767	900	828	8.14	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-14RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-50-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:11:17	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	192	200	181	14.84	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-15RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-51-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:14:27	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	92	133	131	28.78	cps
Antimony	121-1	600	608	592	600	1.39	cps
Arsenic	75-2	50	39	41	43	13.78	cps
Barium	135-1	36234	34688	33552	34824	3.87	cps
Barium	137-1	60154	62138	59995	60762	1.97	cps
Beryllium	9-1	67	72	44	61	24.05	cps
Bismuth	209-1	4976968	4843976	5073197	4964714	2.32	cps
Bismuth	209-2	1629159	1630871	1619289	1626440	0.38	cps
Boron	10-1	692	750	725	722	4.05	cps
Boron	11-1	3509	3742	3501	3584	3.83	cps
Cadmium	111-1	1288	1271	1334	1297	2.53	cps
Cadmium	106-1	1759	1759	1850	1789	2.96	cps
Cadmium	108-1	8	21	4	11	78.05	cps
Calcium	43-1	136677	136953	132377	135336	1.90	cps
Calcium	44-1	2277806	2260981	2255182	2264656	0.52	cps
Chromium	52-2	1037	953	1073	1021	6.02	cps
Cobalt	59-2	93	67	90	83	17.44	cps
Copper	63-2	169904	169381	167526	168937	0.74	cps
Dysprosium	156-1	42	42	58	47	20.38	cps
Dysprosium	156-2	17	23	10	17	39.99	cps
Erbium	164-1	58	67	67	64	7.53	cps
Erbium	164-2	27	13	30	23	37.81	cps
Gadolinium	160-1	125	108	125	119	8.06	cps
Gadolinium	160-2	17	23	7	16	53.90	cps
Holmium	165-1	8406962	8162156	8490488	8353202	2.04	cps
Holmium	165-2	2166935	2208738	2158820	2178164	1.23	cps
Indium	115-1	7593370	7334816	7619117	7515768	2.09	cps
Indium	115-2	394057	395075	391979	393704	0.40	cps
Iron	56-2	20489	21501	19926	20638	3.87	cps
Iron	57-2	572	578	533	561	4.32	cps
Lead	206-1	1133	1006	1172	1104	7.90	cps
Lead	207-1	1056	967	995	1006	4.52	cps
Lead	208-1	4512	4300	4517	4443	2.78	cps
Lithium	6-1	682222	650063	691281	674522	3.21	cps
Magnesium	24-2	42799	42799	43117	42905	0.43	cps
Manganese	55-2	4644	4708	4437	4596	3.07	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-15RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-51-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:14:27	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	433	483	408	442	8.65	cps
Molybdenum	95-1	200	200	175	192	7.53	cps
Molybdenum	96-1	408	358	317	361	12.71	cps
Molybdenum	97-1	233	258	233	242	5.97	cps
Molybdenum	98-1	342	317	250	303	15.65	cps
Neodymium	150-1	73	40	47	53	33.08	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	397	443	420	420	5.56	cps
Phosphorus	31-2	350	383	525	419	22.15	cps
Potassium	39-2	14325	15075	15075	14825	2.92	cps
Rhodium	103-1	7118144	6824659	7205679	7049494	2.83	cps
Rhodium	103-2	2080760	2067847	2051785	2066797	0.70	cps
Scandium	45-1	4284772	4107143	4322079	4237998	2.71	cps
Scandium	45-2	40880	40655	40522	40686	0.44	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-73	-9	-95	-59	-75.68	cps
Silicon	28-1	3861880	4065302	3779097	3902093	3.77	cps
Silver	109-1	117	175	117	136	24.75	cps
Silver	107-1	317	429	383	376	15.03	cps
Sodium	23-2	930201	923786	918717	924235	0.62	cps
Strontium	86-1	60736	60978	60258	60658	0.60	cps
Strontium	88-1	521549	523742	515591	520294	0.81	cps
Sulfur	34-1	413377	413904	411492	412924	0.31	cps
Terbium	159-1	8843370	8501737	8931200	8758769	2.59	cps
Terbium	159-2	2110872	2137056	2116562	2121497	0.65	cps
Thallium	203-1	175	125	142	147	17.29	cps
Thallium	205-1	258	317	283	286	10.23	cps
Tin	118-1	892	983	1017	964	6.72	cps
Titanium	47-1	675	700	667	681	2.55	cps
Uranium	238-1	342	267	225	278	21.29	cps
Vanadium	51-2	87	77	53	72	23.69	cps
Yttrium	89-1	8079960	7755850	8220499	8018770	2.97	cps
Yttrium	89-2	289484	289098	286737	288440	0.52	cps
Zinc	66-2	1997	2084	1863	1981	5.59	cps
Zirconium	90-1	725	867	900	831	11.19	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-15RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-51-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:14:27	DataFile Name :	058SMPL.d

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

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-16RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-52-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:17:35	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	125	58	86	40.29	cps
Antimony	121-1	483	692	550	575	18.50	cps
Arsenic	75-2	50	46	48	48	3.84	cps
Barium	135-1	35950	35148	36652	35916	2.10	cps
Barium	137-1	61997	62297	62364	62219	0.31	cps
Beryllium	9-1	56	89	50	65	32.45	cps
Bismuth	209-1	5108650	5129250	4837871	5025257	3.24	cps
Bismuth	209-2	1730695	1610216	207660	1182857	71.58	cps
Boron	10-1	783	708	908	800	12.63	cps
Boron	11-1	3951	3567	3817	3778	5.15	cps
Cadmium	111-1	1287	1159	1193	1213	5.47	cps
Cadmium	106-1	1817	1642	1617	1692	6.44	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Calcium	43-1	136718	135036	137558	136437	0.94	cps
Calcium	44-1	2318691	2273739	2296667	2296366	0.98	cps
Chromium	52-2	883	977	967	942	5.44	cps
Cobalt	59-2	117	90	77	94	21.56	cps
Copper	63-2	191043	188564	201272	193627	3.48	cps
Dysprosium	156-1	33	58	25	39	44.62	cps
Dysprosium	156-2	13	13	27	18	43.33	cps
Erbium	164-1	83	83	67	78	12.37	cps
Erbium	164-2	10	20	20	17	34.64	cps
Gadolinium	160-1	83	133	108	108	23.08	cps
Gadolinium	160-2	33	20	27	27	24.99	cps
Holmium	165-1	8634199	8506636	8181752	8440862	2.76	cps
Holmium	165-2	2199350	2168532	261648	1543177	71.93	cps
Indium	115-1	7718178	7705859	7345646	7589894	2.79	cps
Indium	115-2	401532	389053	51730	280771	70.68	cps
Iron	56-2	21345	22942	24860	23049	7.64	cps
Iron	57-2	606	572	533	570	6.34	cps
Lead	206-1	2250	2395	2323	2323	3.11	cps
Lead	207-1	1922	1984	1789	1898	5.24	cps
Lead	208-1	9057	9152	9018	9076	0.76	cps
Lithium	6-1	692691	688801	656553	679348	2.92	cps
Magnesium	24-2	45357	44446	46669	45491	2.46	cps
Manganese	55-2	5468	5528	5641	5546	1.59	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-16RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-52-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:17:35	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	500	508	375	461	16.20	cps
Molybdenum	95-1	133	275	275	228	35.91	cps
Molybdenum	96-1	308	350	584	414	35.83	cps
Molybdenum	97-1	242	300	283	275	10.93	cps
Molybdenum	98-1	325	267	267	286	11.77	cps
Neodymium	150-1	40	53	67	53	25.00	cps
Neodymium	150-2	3	13	0	6	124.93	cps
Nickel	60-2	2737	2834	2940	2837	3.59	cps
Phosphorus	31-2	492	392	333	406	19.74	cps
Potassium	39-2	14600	15417	15735	15251	3.84	cps
Rhodium	103-1	7173114	7264556	6900206	7112625	2.67	cps
Rhodium	103-2	2104101	2026558	261035	1463898	71.21	cps
Scandium	45-1	4421074	4327584	4127156	4291938	3.50	cps
Scandium	45-2	40749	40258	5760	28922	69.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	6	2	6	66.68	cps
Selenium	82-1	-70	-36	-72	-59	-34.27	cps
Silicon	28-1	3938934	3907343	3943389	3929889	0.50	cps
Silver	109-1	125	117	67	103	30.70	cps
Silver	107-1	413	400	242	351	27.10	cps
Sodium	23-2	944276	938757	1018490	967174	4.60	cps
Strontium	86-1	61891	61355	60493	61246	1.15	cps
Strontium	88-1	526522	521586	526269	524793	0.53	cps
Sulfur	34-1	416745	414373	410875	413998	0.71	cps
Terbium	159-1	9004131	8935303	8547546	8828993	2.79	cps
Terbium	159-2	2136374	2110875	259835	1502361	71.63	cps
Thallium	203-1	108	108	125	114	8.45	cps
Thallium	205-1	317	383	258	319	19.58	cps
Tin	118-1	1075	833	792	900	17.00	cps
Titanium	47-1	733	600	600	644	11.94	cps
Uranium	238-1	383	350	275	336	16.51	cps
Vanadium	51-2	47	70	70	62	21.65	cps
Yttrium	89-1	8278296	8238001	7759865	8092054	3.56	cps
Yttrium	89-2	294889	284129	38388	205802	70.50	cps
Zinc	66-2	15462	15739	16967	16056	4.99	cps
Zirconium	90-1	975	808	967	917	10.25	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-16RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-52-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:17:35	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	233	175	325	244	30.93	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-17RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-53-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:20:45	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	67	100	86	20.15	cps
Antimony	121-1	608	508	575	564	9.03	cps
Arsenic	75-2	41	63	33	46	33.76	cps
Barium	135-1	34395	35081	33577	34351	2.19	cps
Barium	137-1	59911	59510	61008	60143	1.29	cps
Beryllium	9-1	50	78	83	70	25.38	cps
Bismuth	209-1	5013491	5114791	4955165	5027816	1.61	cps
Bismuth	209-2	1588133	1594326	1592372	1591611	0.20	cps
Boron	10-1	817	767	700	761	7.69	cps
Boron	11-1	3692	3551	3542	3595	2.35	cps
Cadmium	111-1	1139	1214	1206	1187	3.46	cps
Cadmium	106-1	1600	1717	1709	1675	3.89	cps
Cadmium	108-1	8	13	21	14	45.83	cps
Calcium	43-1	134321	130140	131115	131858	1.66	cps
Calcium	44-1	2229666	2241621	2195781	2222356	1.07	cps
Chromium	52-2	893	943	977	938	4.47	cps
Cobalt	59-2	50	80	93	74	29.82	cps
Copper	63-2	158357	156465	156708	157177	0.65	cps
Dysprosium	156-1	67	75	42	61	28.38	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	83	83	67	78	12.37	cps
Erbium	164-2	33	10	17	20	60.08	cps
Gadolinium	160-1	92	75	117	94	22.21	cps
Gadolinium	160-2	40	23	37	33	26.47	cps
Holmium	165-1	8534107	8433144	8349376	8438876	1.10	cps
Holmium	165-2	2141402	2144974	2151410	2145928	0.24	cps
Indium	115-1	7648044	7586191	7509921	7581385	0.91	cps
Indium	115-2	385268	382851	388298	385472	0.71	cps
Iron	56-2	19926	19876	19614	19805	0.85	cps
Iron	57-2	494	428	583	502	15.55	cps
Lead	206-1	950	1022	967	980	3.86	cps
Lead	207-1	845	839	939	874	6.43	cps
Lead	208-1	4078	4117	4067	4087	0.64	cps
Lithium	6-1	678848	680589	679356	679598	0.13	cps
Magnesium	24-2	42089	42481	41929	42166	0.67	cps
Manganese	55-2	4618	4574	4718	4636	1.59	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-17RE Instrumnet Name : P8
 Client Sample ID : DC14723-53-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 15:20:45 DataFile Name : 060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	442	542	392	458	16.66	cps
Molybdenum	95-1	275	233	208	239	14.10	cps
Molybdenum	96-1	417	333	408	386	11.89	cps
Molybdenum	97-1	142	300	217	219	36.09	cps
Molybdenum	98-1	433	358	317	369	16.00	cps
Neodymium	150-1	13	40	40	31	49.50	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	410	340	460	403	14.95	cps
Phosphorus	31-2	525	350	317	397	28.17	cps
Potassium	39-2	14425	15100	14491	14672	2.54	cps
Rhodium	103-1	7071917	7165498	7094188	7110534	0.69	cps
Rhodium	103-2	1984792	2027094	2023368	2011751	1.16	cps
Scandium	45-1	4329988	4322428	4271656	4308024	0.74	cps
Scandium	45-2	39482	38998	40024	39501	1.30	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	0	0	2	173.21	cps
Selenium	82-1	-45	-220	-173	-146	-61.96	cps
Silicon	28-1	3814375	3759526	3743478	3772460	0.99	cps
Silver	109-1	175	225	83	161	44.59	cps
Silver	107-1	371	529	258	386	35.24	cps
Sodium	23-2	930617	921946	920380	924314	0.60	cps
Strontium	86-1	61314	58719	60543	60192	2.21	cps
Strontium	88-1	512317	512537	509039	511298	0.38	cps
Sulfur	34-1	412573	410651	412240	411821	0.25	cps
Terbium	159-1	8969434	8845906	8825456	8880265	0.88	cps
Terbium	159-2	2069200	2093885	2073626	2078904	0.63	cps
Thallium	203-1	225	117	200	181	31.42	cps
Thallium	205-1	450	317	400	389	17.32	cps
Tin	118-1	883	550	642	692	24.90	cps
Titanium	47-1	525	575	483	528	8.70	cps
Uranium	238-1	333	408	342	361	11.38	cps
Vanadium	51-2	47	97	67	70	35.95	cps
Yttrium	89-1	8114369	8080487	8017009	8070622	0.61	cps
Yttrium	89-2	281711	283100	285082	283298	0.60	cps
Zinc	66-2	1880	1697	1783	1787	5.13	cps
Zirconium	90-1	825	808	883	839	4.69	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-17RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-53-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:20:45	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	167	150	164	7.77	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-18RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-54-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:23:55	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	33	125	83	55.67	cps
Antimony	121-1	808	942	700	817	14.82	cps
Arsenic	75-2	52	52	57	54	5.98	cps
Barium	135-1	37103	37303	36368	36925	1.33	cps
Barium	137-1	63336	63512	62339	63062	1.00	cps
Beryllium	9-1	72	44	33	50	40.06	cps
Bismuth	209-1	5017871	5020977	5021120	5019989	0.04	cps
Bismuth	209-2	1615083	1444719	1471885	1510562	6.06	cps
Boron	10-1	708	908	833	817	12.37	cps
Boron	11-1	3867	3984	3534	3795	6.16	cps
Cadmium	111-1	1282	1123	1151	1186	7.16	cps
Cadmium	106-1	1692	1542	1600	1611	4.69	cps
Cadmium	108-1	21	8	33	21	60.01	cps
Calcium	43-1	132133	131678	130913	131575	0.47	cps
Calcium	44-1	2236818	2212808	2203406	2217678	0.78	cps
Chromium	52-2	900	967	960	942	3.90	cps
Cobalt	59-2	87	60	90	79	20.84	cps
Copper	63-2	364331	362327	339616	355425	3.86	cps
Dysprosium	156-1	33	33	50	39	24.75	cps
Dysprosium	156-2	20	10	3	11	75.52	cps
Erbium	164-1	50	67	58	58	14.29	cps
Erbium	164-2	13	13	27	18	43.33	cps
Gadolinium	160-1	83	175	92	117	43.45	cps
Gadolinium	160-2	27	17	13	19	36.75	cps
Holmium	165-1	8520768	8402259	8372408	8431812	0.93	cps
Holmium	165-2	2179555	1923616	1972667	2025279	6.71	cps
Indium	115-1	7494998	7627246	7558704	7560316	0.87	cps
Indium	115-2	389062	351136	353353	364517	5.84	cps
Iron	56-2	19559	19180	17667	18802	5.32	cps
Iron	57-2	411	483	444	446	8.10	cps
Lead	206-1	10655	10299	10082	10345	2.80	cps
Lead	207-1	8970	8420	8559	8650	3.31	cps
Lead	208-1	40799	40143	40143	40361	0.94	cps
Lithium	6-1	679761	682227	673462	678483	0.67	cps
Magnesium	24-2	43066	41445	38938	41150	5.05	cps
Manganese	55-2	5765	5418	5294	5492	4.44	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-18RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-54-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:23:55	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	417	342	358	372	10.58	cps
Molybdenum	95-1	200	158	292	217	31.48	cps
Molybdenum	96-1	550	300	375	408	31.42	cps
Molybdenum	97-1	200	292	258	250	18.56	cps
Molybdenum	98-1	367	300	317	328	10.59	cps
Neodymium	150-1	20	40	40	33	34.64	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	2787	2847	2617	2750	4.34	cps
Phosphorus	31-2	375	292	350	339	12.62	cps
Potassium	39-2	14825	14900	14099	14608	3.03	cps
Rhodium	103-1	7072258	7129037	7111674	7104323	0.41	cps
Rhodium	103-2	2008331	1831509	1886856	1908899	4.74	cps
Scandium	45-1	4246164	4296350	4283931	4275482	0.61	cps
Scandium	45-2	39623	35219	36350	37064	6.17	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-90	-59	-208	-119	-65.96	cps
Silicon	28-1	6461940	6474661	6455157	6463919	0.15	cps
Silver	109-1	83	183	150	139	36.66	cps
Silver	107-1	300	458	383	381	20.81	cps
Sodium	23-2	924092	911766	861068	898976	3.72	cps
Strontium	86-1	59305	59882	58351	59179	1.31	cps
Strontium	88-1	505180	506277	502679	504712	0.37	cps
Sulfur	34-1	403682	401429	398249	401120	0.68	cps
Terbium	159-1	8847822	8792381	8828971	8823058	0.32	cps
Terbium	159-2	2082529	1868426	1927069	1959341	5.65	cps
Thallium	203-1	125	117	158	133	16.54	cps
Thallium	205-1	275	350	242	289	19.21	cps
Tin	118-1	800	592	692	695	15.00	cps
Titanium	47-1	533	542	483	519	6.07	cps
Uranium	238-1	233	250	225	236	5.39	cps
Vanadium	51-2	83	77	63	74	13.69	cps
Yttrium	89-1	8072428	8000258	8083751	8052146	0.56	cps
Yttrium	89-2	283433	255623	259096	266051	5.70	cps
Zinc	66-2	18356	17912	16807	17691	4.51	cps
Zirconium	90-1	725	550	758	678	16.51	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-18RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-54-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:23:55	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	150	208	167	21.79	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-19RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-55-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:27:04	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	83	100	89	10.83	cps
Antimony	121-1	600	742	625	656	11.53	cps
Arsenic	75-2	52	30	39	40	27.82	cps
Barium	135-1	37228	35674	36635	36512	2.15	cps
Barium	137-1	65245	64123	64483	64617	0.89	cps
Beryllium	9-1	67	50	33	50	33.34	cps
Bismuth	209-1	5108626	4993926	4662608	4921720	4.71	cps
Bismuth	209-2	1615792	1606950	1583996	1602246	1.02	cps
Boron	10-1	875	850	758	828	7.42	cps
Boron	11-1	3709	3901	3642	3751	3.58	cps
Cadmium	111-1	1324	1465	1192	1327	10.27	cps
Cadmium	106-1	1875	2075	1684	1878	10.43	cps
Cadmium	108-1	25	13	4	14	75.48	cps
Calcium	43-1	133764	130898	131545	132069	1.14	cps
Calcium	44-1	2253643	2202231	2222894	2226256	1.16	cps
Chromium	52-2	840	977	887	901	7.71	cps
Cobalt	59-2	50	93	107	83	35.55	cps
Copper	63-2	72374	72136	71797	72102	0.40	cps
Dysprosium	156-1	75	58	67	67	12.49	cps
Dysprosium	156-2	7	3	13	8	65.47	cps
Erbium	164-1	92	42	67	67	37.50	cps
Erbium	164-2	10	17	17	14	26.66	cps
Gadolinium	160-1	108	92	83	94	13.48	cps
Gadolinium	160-2	20	37	30	29	29.04	cps
Holmium	165-1	8524700	8342194	7656187	8174361	5.60	cps
Holmium	165-2	2180190	2145861	2094984	2140345	2.00	cps
Indium	115-1	7641422	7505889	7033525	7393612	4.32	cps
Indium	115-2	389973	387025	381174	386057	1.16	cps
Iron	56-2	16633	16894	16911	16812	0.93	cps
Iron	57-2	417	278	500	398	28.20	cps
Lead	206-1	2534	2439	2456	2476	2.04	cps
Lead	207-1	2000	2423	2306	2243	9.72	cps
Lead	208-1	9824	10246	9963	10011	2.15	cps
Lithium	6-1	685205	673797	626216	661739	4.73	cps
Magnesium	24-2	43384	42398	42941	42908	1.15	cps
Manganese	55-2	5505	5675	5258	5479	3.83	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-19RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-55-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:27:04	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	367	392	383	381	3.34	cps
Molybdenum	95-1	192	208	258	219	15.81	cps
Molybdenum	96-1	267	475	350	364	28.82	cps
Molybdenum	97-1	225	333	267	275	19.87	cps
Molybdenum	98-1	275	333	317	308	9.75	cps
Neodymium	150-1	60	33	40	44	31.22	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	363	397	427	396	8.01	cps
Phosphorus	31-2	400	342	425	389	11.00	cps
Potassium	39-2	14533	14425	14775	14578	1.23	cps
Rhodium	103-1	7153633	7141232	6549177	6948014	4.97	cps
Rhodium	103-2	2024746	2021803	2007179	2017910	0.47	cps
Scandium	45-1	4352243	4256247	3906843	4171778	5.62	cps
Scandium	45-2	39803	39375	39262	39480	0.72	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	0	9	0	3	173.21	cps
Selenium	82-1	-187	-62	-123	-124	-50.24	cps
Silicon	28-1	5797940	5728926	5734149	5753672	0.67	cps
Silver	109-1	100	125	125	117	12.38	cps
Silver	107-1	283	321	313	306	6.44	cps
Sodium	23-2	918675	915326	910116	914706	0.47	cps
Strontium	86-1	58585	59129	59555	59090	0.82	cps
Strontium	88-1	509911	510657	508686	509751	0.20	cps
Sulfur	34-1	398403	400375	399692	399490	0.25	cps
Terbium	159-1	9062336	8864212	8081154	8669234	5.98	cps
Terbium	159-2	2122733	2102622	2060333	2095229	1.52	cps
Thallium	203-1	133	200	183	172	20.15	cps
Thallium	205-1	358	308	325	331	7.70	cps
Tin	118-1	625	683	575	628	8.64	cps
Titanium	47-1	583	608	567	586	3.58	cps
Uranium	238-1	200	342	358	300	29.00	cps
Vanadium	51-2	117	57	80	84	35.82	cps
Yttrium	89-1	8163502	8131461	7336484	7877149	5.95	cps
Yttrium	89-2	284635	285709	280708	283684	0.93	cps
Zinc	66-2	1217	1140	1313	1223	7.10	cps
Zirconium	90-1	783	742	750	758	2.91	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-19RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-55-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:27:04	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	158	133	161	18.17	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-20RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-56-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:30:12	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	125	117	150	33.79	cps
Antimony	121-1	733	750	633	706	8.94	cps
Arsenic	75-2	57	39	41	46	22.33	cps
Barium	135-1	40020	39184	39293	39499	1.15	cps
Barium	137-1	68855	69349	69541	69248	0.51	cps
Beryllium	9-1	83	50	67	67	25.00	cps
Bismuth	209-1	5039149	5042315	5040149	5040538	0.03	cps
Bismuth	209-2	1619768	1604877	1593172	1605939	0.83	cps
Boron	10-1	850	683	717	750	11.76	cps
Boron	11-1	3501	3459	3767	3576	4.68	cps
Cadmium	111-1	1173	1273	1136	1194	5.93	cps
Cadmium	106-1	1667	1767	1584	1672	5.49	cps
Cadmium	108-1	8	8	21	12	57.75	cps
Calcium	43-1	135540	132259	132040	133280	1.47	cps
Calcium	44-1	2275134	2246719	2256365	2259406	0.64	cps
Chromium	52-2	957	930	927	938	1.75	cps
Cobalt	59-2	90	93	67	83	17.44	cps
Copper	63-2	404913	402762	403328	403667	0.28	cps
Dysprosium	156-1	75	83	100	86	14.78	cps
Dysprosium	156-2	23	10	27	20	44.10	cps
Erbium	164-1	50	108	58	72	43.68	cps
Erbium	164-2	13	23	20	19	26.96	cps
Gadolinium	160-1	125	158	167	150	14.70	cps
Gadolinium	160-2	27	37	23	29	24.03	cps
Holmium	165-1	8459129	8463127	8440811	8454355	0.14	cps
Holmium	165-2	2166944	2133722	2149944	2150203	0.77	cps
Indium	115-1	7604479	7560422	7611809	7592237	0.37	cps
Indium	115-2	388277	386545	389690	388171	0.41	cps
Iron	56-2	28062	26860	27334	27419	2.21	cps
Iron	57-2	867	683	617	722	17.93	cps
Lead	206-1	6124	5935	6079	6046	1.63	cps
Lead	207-1	5440	5157	5007	5201	4.23	cps
Lead	208-1	24744	24088	24088	24306	1.56	cps
Lithium	6-1	678956	681143	680985	680361	0.18	cps
Magnesium	24-2	43292	42958	42907	43052	0.49	cps
Manganese	55-2	5254	4954	5048	5085	3.02	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-20RE Instrumnet Name : P8
 Client Sample ID : DC14723-56-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 15:30:12 DataFile Name : 063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	375	433	317	375	15.56	cps
Molybdenum	95-1	208	150	208	189	17.83	cps
Molybdenum	96-1	233	433	508	392	36.30	cps
Molybdenum	97-1	283	258	267	269	4.72	cps
Molybdenum	98-1	283	250	333	289	14.52	cps
Neodymium	150-1	47	53	53	51	7.53	cps
Neodymium	150-2	13	13	0	9	86.60	cps
Nickel	60-2	680	743	640	688	7.58	cps
Phosphorus	31-2	300	317	358	325	9.25	cps
Potassium	39-2	17804	18112	18588	18168	2.17	cps
Rhodium	103-1	7138131	7101381	7155070	7131527	0.38	cps
Rhodium	103-2	2047762	2049495	2023839	2040365	0.70	cps
Scandium	45-1	4312311	4266840	4268055	4282402	0.61	cps
Scandium	45-2	40020	39492	39860	39791	0.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	11	4	7	56.78	cps
Selenium	82-1	-55	-208	-60	-108	-81.20	cps
Silicon	28-1	4215893	4218361	4209804	4214686	0.10	cps
Silver	109-1	117	92	100	103	12.39	cps
Silver	107-1	317	296	275	296	7.04	cps
Sodium	23-2	928507	918865	915312	920895	0.74	cps
Strontium	86-1	59924	61037	59723	60228	1.18	cps
Strontium	88-1	513640	511584	504871	510032	0.90	cps
Sulfur	34-1	403591	399553	396716	399953	0.86	cps
Terbium	159-1	8899246	8967475	8827012	8897911	0.79	cps
Terbium	159-2	2108395	2092856	2070211	2090487	0.92	cps
Thallium	203-1	142	150	133	142	5.88	cps
Thallium	205-1	183	292	283	253	23.85	cps
Tin	118-1	700	750	675	708	5.39	cps
Titanium	47-1	642	508	517	556	13.45	cps
Uranium	238-1	325	283	375	328	14.00	cps
Vanadium	51-2	77	70	57	68	15.02	cps
Yttrium	89-1	8097930	8043681	8124543	8088718	0.51	cps
Yttrium	89-2	283748	286099	283862	284570	0.47	cps
Zinc	66-2	12696	12776	12539	12670	0.95	cps
Zirconium	90-1	825	783	942	850	9.66	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-20RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-56-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:30:12	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	150	158	153	3.15	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-21RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-57-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:33:22	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	350	342	167	286	36.19	cps
Antimony	121-1	642	592	658	631	5.50	cps
Arsenic	75-2	56	63	37	52	25.75	cps
Barium	135-1	46299	46156	47645	46700	1.76	cps
Barium	137-1	80546	81468	81635	81216	0.72	cps
Beryllium	9-1	83	67	117	89	28.64	cps
Bismuth	209-1	5090513	5059154	4701988	4950552	4.36	cps
Bismuth	209-2	1598364	1602785	1590539	1597229	0.39	cps
Boron	10-1	775	933	767	825	11.38	cps
Boron	11-1	3676	4034	3734	3815	5.04	cps
Cadmium	111-1	1188	1249	1249	1229	2.88	cps
Cadmium	106-1	1692	1759	1750	1734	2.10	cps
Cadmium	108-1	13	33	25	24	44.41	cps
Calcium	43-1	150381	148662	148991	149345	0.61	cps
Calcium	44-1	2534626	2508460	2507073	2516720	0.62	cps
Chromium	52-2	1040	920	927	962	7.01	cps
Cobalt	59-2	97	110	100	102	6.79	cps
Copper	63-2	237579	237439	235111	236710	0.59	cps
Dysprosium	156-1	150	200	125	158	24.12	cps
Dysprosium	156-2	53	30	33	39	32.45	cps
Erbium	164-1	125	133	142	133	6.25	cps
Erbium	164-2	27	40	63	43	42.82	cps
Gadolinium	160-1	292	225	250	256	13.18	cps
Gadolinium	160-2	30	53	47	43	27.73	cps
Holmium	165-1	8516835	8542181	7932936	8330651	4.14	cps
Holmium	165-2	2138150	2174399	2149954	2154168	0.86	cps
Indium	115-1	7651287	7587763	7149004	7462685	3.66	cps
Indium	115-2	385032	390753	384236	386674	0.92	cps
Iron	56-2	65091	73309	66412	68271	6.46	cps
Iron	57-2	1711	1567	1528	1602	6.03	cps
Lead	206-1	3062	3212	3128	3134	2.40	cps
Lead	207-1	2539	2445	2278	2421	5.46	cps
Lead	208-1	11575	11958	11708	11747	1.66	cps
Lithium	6-1	684011	679159	638643	667271	3.73	cps
Magnesium	24-2	49370	47296	47355	48007	2.46	cps
Manganese	55-2	7672	7886	7956	7838	1.88	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-21RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-57-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:33:22	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	550	567	492	536	7.35	cps
Molybdenum	95-1	200	133	267	200	33.33	cps
Molybdenum	96-1	358	300	392	350	13.26	cps
Molybdenum	97-1	242	208	267	239	12.25	cps
Molybdenum	98-1	275	267	350	297	15.44	cps
Neodymium	150-1	100	80	133	104	25.80	cps
Neodymium	150-2	27	33	33	31	12.36	cps
Nickel	60-2	367	347	377	363	4.20	cps
Phosphorus	31-2	392	442	367	400	9.55	cps
Potassium	39-2	16702	16802	16369	16624	1.37	cps
Rhodium	103-1	7133108	7145355	6689491	6989318	3.72	cps
Rhodium	103-2	2027952	2028524	2028295	2028257	0.01	cps
Scandium	45-1	4325070	4279480	3991568	4198706	4.31	cps
Scandium	45-2	39933	40121	38884	39646	1.68	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	-215	-151	-137	-167	-24.77	cps
Silicon	28-1	6671537	6779705	6645663	6698968	1.06	cps
Silver	109-1	183	250	150	194	26.19	cps
Silver	107-1	500	550	508	519	5.16	cps
Sodium	23-2	926514	932448	922978	927314	0.52	cps
Strontium	86-1	68799	69980	69068	69282	0.89	cps
Strontium	88-1	591535	585793	586782	588036	0.52	cps
Sulfur	34-1	405933	407137	400077	404382	0.93	cps
Terbium	159-1	8987033	8934106	8347289	8756143	4.06	cps
Terbium	159-2	2089723	2085379	2068262	2081121	0.55	cps
Thallium	203-1	125	92	183	133	34.80	cps
Thallium	205-1	250	217	317	261	19.50	cps
Tin	118-1	958	1092	1075	1042	6.98	cps
Titanium	47-1	4089	858	975	1974	92.82	cps
Uranium	238-1	808	650	742	733	10.84	cps
Vanadium	51-2	57	57	80	64	20.90	cps
Yttrium	89-1	8244773	8089851	7541202	7958609	4.65	cps
Yttrium	89-2	283790	285444	281058	283430	0.78	cps
Zinc	66-2	3317	3414	3214	3315	3.02	cps
Zirconium	90-1	1183	992	992	1056	10.48	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-21RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-57-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:33:22	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	267	367	283	306	17.54	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-22RE Instrumnet Name : P8
 Client Sample ID : DC14723-58-FL1-OPA-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 15:36:32 DataFile Name : 065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	67	108	114	44.10	cps
Antimony	121-1	525	633	475	544	14.87	cps
Arsenic	75-2	44	35	37	39	12.59	cps
Barium	135-1	36476	36225	35891	36198	0.81	cps
Barium	137-1	63913	62063	61987	62654	1.74	cps
Beryllium	9-1	72	61	89	74	18.88	cps
Bismuth	209-1	5149136	5128310	5156134	5144527	0.28	cps
Bismuth	209-2	1691456	1627704	1634998	1651386	2.11	cps
Boron	10-1	758	842	700	767	9.29	cps
Boron	11-1	3834	3626	3709	3723	2.82	cps
Cadmium	111-1	1271	1198	1371	1280	6.79	cps
Cadmium	106-1	1792	1725	1934	1817	5.86	cps
Cadmium	108-1	13	25	4	14	75.48	cps
Calcium	43-1	137130	136029	135110	136090	0.74	cps
Calcium	44-1	2332624	2272530	2276470	2293875	1.47	cps
Chromium	52-2	990	940	977	969	2.67	cps
Cobalt	59-2	93	60	77	77	21.74	cps
Copper	63-2	257485	257885	255819	257063	0.43	cps
Dysprosium	156-1	42	33	42	39	12.38	cps
Dysprosium	156-2	10	10	17	12	31.50	cps
Erbium	164-1	67	100	50	72	35.26	cps
Erbium	164-2	7	13	17	12	41.65	cps
Gadolinium	160-1	133	150	108	131	16.06	cps
Gadolinium	160-2	27	13	27	22	34.66	cps
Holmium	165-1	8691741	8705422	8596088	8664417	0.69	cps
Holmium	165-2	2275122	2188404	2199877	2221135	2.12	cps
Indium	115-1	7879208	7808282	7731779	7806423	0.94	cps
Indium	115-2	401670	396260	395080	397670	0.88	cps
Iron	56-2	17730	16499	16768	16999	3.81	cps
Iron	57-2	450	444	406	433	5.59	cps
Lead	206-1	1506	1445	1456	1469	2.22	cps
Lead	207-1	1339	1117	1022	1159	14.02	cps
Lead	208-1	6012	5690	5606	5769	3.71	cps
Lithium	6-1	700600	698337	697649	698862	0.22	cps
Magnesium	24-2	43242	44345	43585	43724	1.29	cps
Manganese	55-2	3687	3544	3641	3624	2.02	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-22RE Instrumnet Name : P8
 Client Sample ID : DC14723-58-FL1-OPA-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 15:36:32 DataFile Name : 065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	617	375	375	456	30.63	cps
Molybdenum	95-1	267	258	242	256	4.98	cps
Molybdenum	96-1	317	333	442	364	18.65	cps
Molybdenum	97-1	200	267	242	236	14.26	cps
Molybdenum	98-1	358	275	283	306	15.02	cps
Neodymium	150-1	80	27	47	51	52.71	cps
Neodymium	150-2	10	10	0	7	86.60	cps
Nickel	60-2	403	333	363	367	9.58	cps
Phosphorus	31-2	408	333	308	350	14.87	cps
Potassium	39-2	15242	14767	14892	14967	1.65	cps
Rhodium	103-1	7385410	7253529	7280957	7306632	0.95	cps
Rhodium	103-2	2119970	2075305	2068253	2087843	1.34	cps
Scandium	45-1	4424472	4389874	4358173	4390840	0.76	cps
Scandium	45-2	41117	40060	40090	40423	1.49	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	-229	-69	-64	-121	-77.85	cps
Silicon	28-1	3943810	3895665	3850074	3896516	1.20	cps
Silver	109-1	142	133	167	147	11.78	cps
Silver	107-1	396	367	425	396	7.37	cps
Sodium	23-2	946587	938566	933436	939530	0.71	cps
Strontium	86-1	63532	63288	62310	63043	1.03	cps
Strontium	88-1	533984	525895	528654	529511	0.78	cps
Sulfur	34-1	406297	404221	402518	404345	0.47	cps
Terbium	159-1	9228418	9188182	9085953	9167518	0.80	cps
Terbium	159-2	2164228	2102162	2137577	2134656	1.46	cps
Thallium	203-1	142	100	117	119	17.56	cps
Thallium	205-1	183	292	325	267	27.78	cps
Tin	118-1	600	617	600	606	1.59	cps
Titanium	47-1	658	608	558	608	8.22	cps
Uranium	238-1	283	333	333	317	9.12	cps
Vanadium	51-2	57	70	73	67	13.22	cps
Yttrium	89-1	8283216	8180721	8337309	8267082	0.96	cps
Yttrium	89-2	296463	291583	289891	292645	1.17	cps
Zinc	66-2	1793	1813	1763	1790	1.41	cps
Zirconium	90-1	683	508	708	633	17.21	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-22RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-58-FL1-OPA-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:36:32	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	200	200	189	10.19	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-23RE Instrumnet Name : P8
 Client Sample ID : DC14723-59-FL1-OPA-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 15:39:40 DataFile Name : 066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	33	75	72	52.04	cps
Antimony	121-1	550	500	583	544	7.70	cps
Arsenic	75-2	48	50	61	53	13.20	cps
Barium	135-1	35356	35323	36819	35833	2.38	cps
Barium	137-1	61025	62900	60823	61583	1.86	cps
Beryllium	9-1	61	44	56	54	15.80	cps
Bismuth	209-1	5139211	5092596	5133499	5121768	0.50	cps
Bismuth	209-2	1627330	1734347	1619865	1660514	3.86	cps
Boron	10-1	875	817	850	847	3.46	cps
Boron	11-1	4001	3809	3884	3898	2.48	cps
Cadmium	111-1	1146	1325	1279	1250	7.45	cps
Cadmium	106-1	1617	1867	1800	1761	7.35	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Calcium	43-1	137047	135759	136265	136357	0.48	cps
Calcium	44-1	2306576	2259240	2251352	2272389	1.31	cps
Chromium	52-2	943	807	943	898	8.79	cps
Cobalt	59-2	67	80	73	73	9.09	cps
Copper	63-2	267368	268785	266485	267546	0.43	cps
Dysprosium	156-1	75	33	33	47	50.96	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	50	108	92	83	36.06	cps
Erbium	164-2	10	20	17	16	32.73	cps
Gadolinium	160-1	58	158	125	114	44.71	cps
Gadolinium	160-2	17	23	17	19	20.36	cps
Holmium	165-1	8563219	8535351	8494013	8530861	0.41	cps
Holmium	165-2	2175026	2200409	2187214	2187550	0.58	cps
Indium	115-1	7784575	7789457	7730774	7768269	0.42	cps
Indium	115-2	391660	393130	391470	392087	0.23	cps
Iron	56-2	16650	16082	16756	16496	2.20	cps
Iron	57-2	461	539	494	498	7.83	cps
Lead	206-1	1389	1511	1578	1493	6.42	cps
Lead	207-1	1150	1439	1245	1278	11.53	cps
Lead	208-1	5640	5878	5728	5749	2.10	cps
Lithium	6-1	697724	684675	686660	689686	1.02	cps
Magnesium	24-2	42431	43860	42991	43094	1.67	cps
Manganese	55-2	3627	3300	3714	3547	6.15	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4897-23RE Instrumnet Name : P8
 Client Sample ID : DC14723-59-FL1-OPA-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 15:39:40 DataFile Name : 066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	417	350	375	381	8.85	cps
Molybdenum	95-1	167	217	208	197	13.58	cps
Molybdenum	96-1	425	333	350	369	13.22	cps
Molybdenum	97-1	192	233	233	219	10.96	cps
Molybdenum	98-1	358	367	292	339	12.13	cps
Neodymium	150-1	13	53	33	33	60.02	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	430	463	460	451	4.07	cps
Phosphorus	31-2	442	300	392	378	19.02	cps
Potassium	39-2	14733	14758	14608	14700	0.55	cps
Rhodium	103-1	7373804	7198031	7190363	7254066	1.43	cps
Rhodium	103-2	2069928	2091352	2045201	2068827	1.12	cps
Scandium	45-1	4386476	4326446	4362921	4358614	0.69	cps
Scandium	45-2	40248	40976	40435	40553	0.93	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	4	0	2	86.60	cps
Selenium	82-1	-34	-65	-48	-49	-32.16	cps
Silicon	28-1	3888284	3903704	3791293	3861094	1.58	cps
Silver	109-1	75	158	133	122	34.99	cps
Silver	107-1	263	371	392	342	20.30	cps
Sodium	23-2	930532	927347	938885	932255	0.64	cps
Strontium	86-1	61121	61590	61598	61436	0.44	cps
Strontium	88-1	524769	520507	522363	522546	0.41	cps
Sulfur	34-1	411502	416115	415202	414273	0.59	cps
Terbium	159-1	9066733	9044171	8931070	9013991	0.81	cps
Terbium	159-2	2137198	2120327	2103027	2120184	0.81	cps
Thallium	203-1	158	150	142	150	5.56	cps
Thallium	205-1	275	258	292	275	6.06	cps
Tin	118-1	542	458	467	489	9.39	cps
Titanium	47-1	592	642	392	542	24.42	cps
Uranium	238-1	317	317	275	303	7.95	cps
Vanadium	51-2	57	70	53	60	14.70	cps
Yttrium	89-1	8280157	8105189	8233128	8206158	1.10	cps
Yttrium	89-2	287163	290365	290565	289364	0.66	cps
Zinc	66-2	1810	1890	1860	1853	2.18	cps
Zirconium	90-1	708	842	792	781	8.63	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4897-23RE	Instrumnet Name :	P8
Client Sample ID :	DC14723-59-FL1-OPA-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:39:40	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	167	150	156	6.19	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:42:54	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	33	22	57.30	cps
Antimony	121-1	42	58	58	53	18.23	cps
Arsenic	75-2	0	7	0	2	173.21	cps
Barium	135-1	92	125	83	100	22.05	cps
Barium	137-1	125	142	92	119	21.31	cps
Beryllium	9-1	83	83	78	81	3.94	cps
Bismuth	209-1	4837062	4836955	4788650	4820889	0.58	cps
Bismuth	209-2	1556847	1465848	1501451	1508049	3.04	cps
Boron	10-1	267	392	283	314	21.62	cps
Boron	11-1	1325	1508	1267	1367	9.23	cps
Cadmium	111-1	1299	1185	1213	1232	4.81	cps
Cadmium	106-1	1842	1684	1725	1750	4.69	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	2550	2634	2567	2584	1.71	cps
Calcium	44-1	46770	47456	46688	46971	0.90	cps
Chromium	52-2	913	883	953	917	3.83	cps
Cobalt	59-2	73	70	60	68	10.24	cps
Copper	63-2	320	350	343	338	4.66	cps
Dysprosium	156-1	17	33	0	17	99.99	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	33	17	36	58.08	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-1	100	108	42	83	43.59	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	8142186	8125388	8085658	8117744	0.36	cps
Holmium	165-2	2067568	1971535	2007203	2015435	2.41	cps
Indium	115-1	7224453	7403901	7291835	7306730	1.24	cps
Indium	115-2	371898	353433	363479	362937	2.55	cps
Iron	56-2	2734	2550	2456	2580	5.48	cps
Iron	57-2	28	39	50	39	28.57	cps
Lead	206-1	2886711	2822346	2810776	2839944	1.44	cps
Lead	207-1	2661950	2655983	2623327	2647087	0.79	cps
Lead	208-1	11668289	11581891	11464555	11571578	0.88	cps
Lithium	6-1	651380	654914	651498	652597	0.31	cps
Magnesium	24-2	183	158	183	175	8.25	cps
Manganese	55-2	53	50	57	53	6.25	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:42:54	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	167	192	242	200	19.09	cps
Molybdenum	95-1	67	8	42	39	75.26	cps
Molybdenum	96-1	150	175	225	183	20.83	cps
Molybdenum	97-1	133	225	133	164	32.29	cps
Molybdenum	98-1	8	33	25	22	57.29	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	130	177	150	152	15.38	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	3426	3459	3501	3462	1.09	cps
Rhodium	103-1	6810666	6867910	6830332	6836303	0.43	cps
Rhodium	103-2	1979256	1875916	1934535	1929902	2.69	cps
Scandium	45-1	4083588	4117838	4083877	4095101	0.48	cps
Scandium	45-2	38222	36756	37123	37367	2.04	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	6	4	4	4	24.86	cps
Selenium	82-1	-107	-62	-131	-100	-34.96	cps
Silicon	28-1	421871	420764	430085	424240	1.20	cps
Silver	109-1	92	142	33	89	61.00	cps
Silver	107-1	254	313	200	256	22.01	cps
Sodium	23-2	5026	5009	5109	5048	1.06	cps
Strontium	86-1	917	1150	1017	1028	11.39	cps
Strontium	88-1	408	617	483	503	20.99	cps
Sulfur	34-1	375063	376259	372360	374561	0.53	cps
Terbium	159-1	8536716	8484943	8379580	8467080	0.95	cps
Terbium	159-2	2014034	1901073	1945532	1953546	2.91	cps
Thallium	203-1	158	150	133	147	8.65	cps
Thallium	205-1	275	383	392	350	18.60	cps
Tin	118-1	783	725	675	728	7.45	cps
Titanium	47-1	150	217	225	197	20.84	cps
Uranium	238-1	50	50	25	42	34.64	cps
Vanadium	51-2	17	13	23	18	28.64	cps
Yttrium	89-1	7759221	7797138	7741954	7766105	0.36	cps
Yttrium	89-2	272147	259539	265635	265774	2.37	cps
Zinc	66-2	93	77	100	90	13.35	cps
Zirconium	90-1	408	417	417	414	1.16	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:42:54	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	42	108	92	48.10	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:46:03	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	25	33	19	89.21	cps
Antimony	121-1	67	92	117	92	27.27	cps
Arsenic	75-2	0	0	2	1	173.21	cps
Barium	135-1	50	83	133	89	47.19	cps
Barium	137-1	117	125	117	119	4.03	cps
Beryllium	9-1	44	67	56	56	20.00	cps
Bismuth	209-1	4639747	4930662	4892615	4821008	3.28	cps
Bismuth	209-2	1576542	1560348	1573150	1570013	0.54	cps
Boron	10-1	342	225	250	272	22.56	cps
Boron	11-1	1133	1142	1167	1147	1.51	cps
Cadmium	111-1	1192	1344	1106	1214	9.95	cps
Cadmium	106-1	1684	1917	1558	1720	10.58	cps
Cadmium	108-1	17	8	8	11	43.34	cps
Calcium	43-1	2517	2609	2342	2489	5.44	cps
Calcium	44-1	46603	46320	46503	46475	0.31	cps
Chromium	52-2	853	947	867	889	5.68	cps
Cobalt	59-2	47	33	40	40	16.68	cps
Copper	63-2	347	330	353	343	3.50	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	33	42	36	13.33	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	117	75	58	83	36.05	cps
Gadolinium	160-2	3	20	7	10	88.20	cps
Holmium	165-1	7810451	8211866	8212825	8078381	2.87	cps
Holmium	165-2	2111648	2106609	2112103	2110120	0.14	cps
Indium	115-1	7108751	7358798	7384885	7284145	2.09	cps
Indium	115-2	377752	374114	372890	374919	0.67	cps
Iron	56-2	2695	2645	2611	2650	1.58	cps
Iron	57-2	106	67	56	76	34.58	cps
Lead	206-1	667	561	567	598	9.93	cps
Lead	207-1	539	522	472	511	6.79	cps
Lead	208-1	2267	2217	2417	2300	4.53	cps
Lithium	6-1	626884	670962	660603	652816	3.53	cps
Magnesium	24-2	242	200	167	203	18.53	cps
Manganese	55-2	47	67	77	63	24.12	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:46:03	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	217	258	208	228	11.76	cps
Molybdenum	95-1	25	33	25	28	17.31	cps
Molybdenum	96-1	158	183	192	178	9.76	cps
Molybdenum	97-1	117	75	92	94	22.21	cps
Molybdenum	98-1	25	8	25	19	49.50	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	140	140	160	147	7.87	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	3351	3467	3167	3328	4.55	cps
Rhodium	103-1	6617489	6929929	6867507	6804975	2.43	cps
Rhodium	103-2	1986598	1963145	1980912	1976885	0.62	cps
Scandium	45-1	3959764	4144137	4129212	4077704	2.51	cps
Scandium	45-2	38513	37493	38620	38209	1.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	7	4	89.21	cps
Selenium	82-1	-84	-63	-134	-94	-39.02	cps
Silicon	28-1	412506	404956	400151	405871	1.53	cps
Silver	109-1	83	125	67	92	32.78	cps
Silver	107-1	233	329	167	243	33.61	cps
Sodium	23-2	4851	4859	5093	4934	2.78	cps
Strontium	86-1	942	1200	958	1033	13.99	cps
Strontium	88-1	258	483	317	353	33.10	cps
Sulfur	34-1	372975	376175	372384	373845	0.55	cps
Terbium	159-1	8225807	8633024	8502466	8453766	2.46	cps
Terbium	159-2	2017831	2047891	2034022	2033248	0.74	cps
Thallium	203-1	108	125	133	122	10.41	cps
Thallium	205-1	217	308	267	264	17.39	cps
Tin	118-1	2109	2142	2409	2220	7.41	cps
Titanium	47-1	142	167	158	156	8.19	cps
Uranium	238-1	25	42	8	25	66.68	cps
Vanadium	51-2	17	13	17	16	12.40	cps
Yttrium	89-1	7404990	7872456	7800403	7692616	3.27	cps
Yttrium	89-2	275665	276848	274125	275546	0.50	cps
Zinc	66-2	67	67	77	70	8.25	cps
Zirconium	90-1	525	433	575	511	14.06	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:46:03	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	83	133	111	22.91	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4895-25RE Instrumnet Name : P8
 Client Sample ID : DC2032-26-BS-BRCL3-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 15:52:05 DataFile Name : 069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	75	58	75	22.22	cps
Antimony	121-1	4743	4743	4509	4665	2.89	cps
Arsenic	75-2	63	54	80	65	20.08	cps
Barium	135-1	37512	37036	35549	36699	2.79	cps
Barium	137-1	65253	64785	62691	64243	2.12	cps
Beryllium	9-1	106	61	67	78	31.14	cps
Bismuth	209-1	5396744	5437457	5236619	5356940	1.98	cps
Bismuth	209-2	1761256	1726643	1660372	1716090	2.99	cps
Boron	10-1	833	892	783	836	6.48	cps
Boron	11-1	3701	3509	3576	3595	2.71	cps
Cadmium	111-1	1379	1479	1286	1381	6.99	cps
Cadmium	106-1	1834	1975	1734	1847	6.57	cps
Cadmium	108-1	54	42	46	47	13.48	cps
Calcium	43-1	135699	140008	131687	135798	3.06	cps
Calcium	44-1	2309645	2277789	2209621	2265685	2.26	cps
Chromium	52-2	840	880	887	869	2.90	cps
Cobalt	59-2	137	150	130	139	7.33	cps
Copper	63-2	570076	567065	562844	566662	0.64	cps
Dysprosium	156-1	100	50	42	64	49.39	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	75	58	42	58	28.57	cps
Erbium	164-2	27	7	10	14	74.18	cps
Gadolinium	160-1	100	83	75	86	14.78	cps
Gadolinium	160-2	17	13	20	17	20.01	cps
Holmium	165-1	8946978	9067558	8705400	8906645	2.07	cps
Holmium	165-2	2292930	2273678	2223627	2263412	1.58	cps
Indium	115-1	8125210	8073486	7810214	8002970	2.11	cps
Indium	115-2	405093	402345	397498	401645	0.96	cps
Iron	56-2	28018	27728	27767	27838	0.56	cps
Iron	57-2	817	744	661	741	10.51	cps
Lead	206-1	1091963	1079314	1030779	1067352	3.03	cps
Lead	207-1	893377	885505	848595	875826	2.73	cps
Lead	208-1	4263190	4226623	4063559	4184457	2.54	cps
Lithium	6-1	733841	738958	711961	728253	1.97	cps
Magnesium	24-2	46577	45373	45056	45669	1.76	cps
Manganese	55-2	5628	5444	5768	5613	2.89	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4895-25RE Instrumnet Name : P8
 Client Sample ID : DC2032-26-BS-BRCL3-V Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 15:52:05 DataFile Name : 069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	467	483	450	467	3.57	cps
Molybdenum	95-1	200	233	200	211	9.12	cps
Molybdenum	96-1	358	267	333	319	14.83	cps
Molybdenum	97-1	233	267	242	247	7.02	cps
Molybdenum	98-1	325	233	317	292	17.38	cps
Neodymium	150-1	40	47	80	56	38.57	cps
Neodymium	150-2	10	3	7	7	50.03	cps
Nickel	60-2	2684	2607	2757	2683	2.80	cps
Phosphorus	31-2	325	400	575	433	29.61	cps
Potassium	39-2	15417	15392	15242	15351	0.62	cps
Rhodium	103-1	7742856	7666204	7318193	7575751	2.99	cps
Rhodium	103-2	2141532	2083220	2089628	2104793	1.52	cps
Scandium	45-1	4645269	4614162	4445674	4568369	2.35	cps
Scandium	45-2	40977	40946	41454	41126	0.69	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	4	4	9	6	57.80	cps
Selenium	82-1	-190	-18	-122	-110	-78.89	cps
Silicon	28-1	4028964	4048962	3886035	3987987	2.23	cps
Silver	109-1	950	675	792	806	17.13	cps
Silver	107-1	2342	2063	1971	2125	9.09	cps
Sodium	23-2	928696	916042	913842	919527	0.87	cps
Strontium	86-1	60744	60803	57238	59595	3.43	cps
Strontium	88-1	515971	514022	492586	507526	2.56	cps
Sulfur	34-1	416199	422352	415650	418067	0.89	cps
Terbium	159-1	9468520	9484725	9143168	9365471	2.06	cps
Terbium	159-2	2200600	2177591	2125630	2167941	1.77	cps
Thallium	203-1	125	108	75	103	24.77	cps
Thallium	205-1	317	292	225	278	17.06	cps
Tin	118-1	324470	301537	291220	305742	5.57	cps
Titanium	47-1	658	742	667	689	6.66	cps
Uranium	238-1	117	100	183	133	33.07	cps
Vanadium	51-2	73	60	57	63	13.92	cps
Yttrium	89-1	8715328	8643899	8352073	8570433	2.25	cps
Yttrium	89-2	297270	294487	291580	294446	0.97	cps
Zinc	66-2	92452	92036	90375	91621	1.20	cps
Zirconium	90-1	1067	867	783	906	16.08	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4895-25RE	Instrumnet Name :	P8
Client Sample ID :	DC2032-26-BS-BRCL3-V	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:52:05	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	183	225	183	22.73	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4895-27RE Instrumnet Name : P8
 Client Sample ID : DC2032-28-BS-OPA-W4- Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 15:55:12 DataFile Name : 070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	75	92	72	29.04	cps
Antimony	121-1	4701	4534	4468	4568	2.63	cps
Arsenic	75-2	41	41	43	41	2.58	cps
Barium	135-1	48916	48515	48674	48701	0.41	cps
Barium	137-1	83278	83245	83824	83449	0.39	cps
Beryllium	9-1	67	61	72	67	8.33	cps
Bismuth	209-1	5345690	5358126	4617266	5107027	8.31	cps
Bismuth	209-2	1724717	1673879	1690554	1696383	1.53	cps
Boron	10-1	975	858	967	933	6.97	cps
Boron	11-1	4351	4534	4209	4365	3.73	cps
Cadmium	111-1	1756	1849	1531	1712	9.57	cps
Cadmium	106-1	2059	2134	1725	1972	11.02	cps
Cadmium	108-1	92	75	63	76	19.16	cps
Calcium	43-1	137189	138023	138181	137798	0.39	cps
Calcium	44-1	2334138	2303938	2313636	2317237	0.67	cps
Chromium	52-2	977	933	903	938	3.93	cps
Cobalt	59-2	153	147	120	140	12.60	cps
Copper	63-2	1680058	1669732	1633362	1661050	1.48	cps
Dysprosium	156-1	25	25	58	36	53.30	cps
Dysprosium	156-2	23	17	3	14	70.51	cps
Erbium	164-1	75	58	83	72	17.62	cps
Erbium	164-2	20	13	17	17	20.01	cps
Gadolinium	160-1	67	133	108	103	32.77	cps
Gadolinium	160-2	10	17	40	22	70.88	cps
Holmium	165-1	9088068	8936052	7705699	8576606	8.84	cps
Holmium	165-2	2270312	2255581	2225595	2250496	1.01	cps
Indium	115-1	8156978	8106981	6910801	7724920	9.13	cps
Indium	115-2	407195	401819	395745	401586	1.43	cps
Iron	56-2	16983	17434	16649	17022	2.31	cps
Iron	57-2	583	450	522	519	12.87	cps
Lead	206-1	324546	323389	327615	325184	0.67	cps
Lead	207-1	278483	276978	275882	277115	0.47	cps
Lead	208-1	1281365	1274702	1280286	1278784	0.28	cps
Lithium	6-1	729129	724494	628323	693982	8.20	cps
Magnesium	24-2	48308	48776	48383	48489	0.52	cps
Manganese	55-2	2337	2467	2417	2407	2.72	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : I4895-27RE Instrumnet Name : P8
 Client Sample ID : DC2032-28-BS-OPA-W4- Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 15:55:12 DataFile Name : 070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	417	450	358	408	11.36	cps
Molybdenum	95-1	225	175	283	228	23.80	cps
Molybdenum	96-1	308	408	492	403	22.79	cps
Molybdenum	97-1	267	125	158	183	40.40	cps
Molybdenum	98-1	400	192	292	294	35.39	cps
Neodymium	150-1	53	60	33	49	28.39	cps
Neodymium	150-2	7	3	17	9	78.08	cps
Nickel	60-2	3894	3734	3871	3833	2.26	cps
Phosphorus	31-2	108	108	58	92	31.49	cps
Potassium	39-2	16752	16786	15743	16427	3.61	cps
Rhodium	103-1	7511359	7453474	6478570	7147801	8.12	cps
Rhodium	103-2	2163875	2107465	2098178	2123173	1.67	cps
Scandium	45-1	4517436	4518302	3881241	4305660	8.54	cps
Scandium	45-2	42070	41842	41010	41641	1.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	11	6	88.24	cps
Selenium	82-1	-183	-140	-227	-183	-23.53	cps
Silicon	28-1	4802802	4752860	4827457	4794373	0.79	cps
Silver	109-1	925	917	842	895	5.13	cps
Silver	107-1	2413	2600	2689	2568	5.50	cps
Sodium	23-2	1009679	991527	987784	996330	1.18	cps
Strontium	86-1	62544	61556	63306	62468	1.40	cps
Strontium	88-1	534419	533298	537412	535043	0.40	cps
Sulfur	34-1	419513	421081	418454	419683	0.31	cps
Terbium	159-1	9395274	9306888	7970828	8890997	8.98	cps
Terbium	159-2	2210103	2183511	2158203	2183939	1.19	cps
Thallium	203-1	142	175	133	150	14.70	cps
Thallium	205-1	233	325	350	303	20.29	cps
Tin	118-1	5568	5826	6094	5829	4.51	cps
Titanium	47-1	442	483	425	450	6.68	cps
Uranium	238-1	217	183	167	189	13.48	cps
Vanadium	51-2	63	57	53	58	8.81	cps
Yttrium	89-1	8640673	8465765	7347779	8151406	8.61	cps
Yttrium	89-2	298825	294091	290571	294496	1.41	cps
Zinc	66-2	127294	126521	126927	126914	0.30	cps
Zirconium	90-1	708	892	833	811	11.55	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	I4895-27RE	Instrumnet Name :	P8
Client Sample ID :	DC2032-28-BS-OPA-W4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:55:12	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	158	83	147	40.16	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:58:21	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	33	25	19	89.21	cps
Antimony	121-1	100	75	92	89	14.32	cps
Arsenic	75-2	2	4	6	4	50.09	cps
Barium	135-1	117	158	133	136	15.41	cps
Barium	137-1	133	233	125	164	36.78	cps
Beryllium	9-1	56	39	61	52	22.30	cps
Bismuth	209-1	4687862	4907622	4695633	4763706	2.62	cps
Bismuth	209-2	1544011	1535630	1536370	1538671	0.30	cps
Boron	10-1	242	275	317	278	13.53	cps
Boron	11-1	1317	1442	1242	1333	7.58	cps
Cadmium	111-1	1071	987	1147	1068	7.51	cps
Cadmium	106-1	1525	1392	1634	1517	7.98	cps
Cadmium	108-1	13	0	13	8	86.60	cps
Calcium	43-1	2859	2484	2734	2692	7.09	cps
Calcium	44-1	50358	50626	50450	50478	0.27	cps
Chromium	52-2	887	853	870	870	1.92	cps
Cobalt	59-2	73	27	43	48	49.49	cps
Copper	63-2	620	523	600	581	8.78	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	17	58	42	39	53.93	cps
Erbium	164-2	0	7	17	8	107.84	cps
Gadolinium	160-1	67	75	33	58	37.80	cps
Gadolinium	160-2	7	10	23	13	66.12	cps
Holmium	165-1	7983682	8069796	7886332	7979937	1.15	cps
Holmium	165-2	2085714	2061834	2040488	2062678	1.10	cps
Indium	115-1	7063719	7246542	7100025	7136762	1.36	cps
Indium	115-2	372356	369555	365978	369297	0.87	cps
Iron	56-2	2589	3000	2767	2786	7.40	cps
Iron	57-2	61	72	72	69	9.36	cps
Lead	206-1	2816286	2777564	2813911	2802587	0.77	cps
Lead	207-1	2590794	2609685	2609902	2603460	0.42	cps
Lead	208-1	11425246	11434014	11456817	11438693	0.14	cps
Lithium	6-1	643138	659729	642429	648432	1.51	cps
Magnesium	24-2	192	200	242	211	12.69	cps
Manganese	55-2	57	43	60	53	16.54	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:58:21	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	200	283	267	250	17.64	cps
Molybdenum	95-1	67	17	50	44	57.28	cps
Molybdenum	96-1	192	200	125	172	23.87	cps
Molybdenum	97-1	92	133	100	108	20.35	cps
Molybdenum	98-1	58	50	50	53	9.12	cps
Neodymium	150-1	33	20	47	33	40.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	177	143	167	162	10.54	cps
Phosphorus	31-2	33	17	0	17	99.99	cps
Potassium	39-2	3617	3601	3609	3609	0.23	cps
Rhodium	103-1	6748657	6888000	6667344	6768000	1.65	cps
Rhodium	103-2	1971321	1960839	1935299	1955820	0.95	cps
Scandium	45-1	4042764	4082611	3992714	4039363	1.12	cps
Scandium	45-2	37758	37269	38252	37760	1.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	6	4	86.60	cps
Selenium	82-1	-11	-96	-99	-69	-72.20	cps
Silicon	28-1	423373	426633	416559	422189	1.22	cps
Silver	109-1	83	92	50	75	29.40	cps
Silver	107-1	225	254	158	213	23.12	cps
Sodium	23-2	5201	5193	5501	5298	3.32	cps
Strontium	86-1	1108	1108	1067	1095	2.20	cps
Strontium	88-1	692	1008	892	864	18.54	cps
Sulfur	34-1	377358	374951	380102	377471	0.68	cps
Terbium	159-1	8349378	8502814	8195028	8349073	1.84	cps
Terbium	159-2	2013193	2016117	1986423	2005244	0.82	cps
Thallium	203-1	150	133	175	153	13.73	cps
Thallium	205-1	308	383	233	308	24.32	cps
Tin	118-1	1117	1042	1117	1092	3.97	cps
Titanium	47-1	175	250	192	206	19.16	cps
Uranium	238-1	42	67	67	58	24.74	cps
Vanadium	51-2	13	17	17	16	12.40	cps
Yttrium	89-1	7530649	7764942	7496961	7597517	1.92	cps
Yttrium	89-2	272878	270562	270540	271327	0.50	cps
Zinc	66-2	220	273	267	253	11.47	cps
Zirconium	90-1	575	550	517	547	5.35	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 15:58:21	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	133	183	153	17.53	cps

LB Number : LB89662 Operator : Jaswal
 Lab Sample ID : CCB45 Instrumnet Name : P8
 Client Sample ID : CCB45 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-22 16:01:28 DataFile Name : 072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	25	8	33	90.15	cps
Antimony	121-1	67	83	42	64	32.83	cps
Arsenic	75-2	6	6	2	4	49.54	cps
Barium	135-1	125	92	50	89	42.28	cps
Barium	137-1	142	58	125	108	40.70	cps
Beryllium	9-1	33	33	33	33	0.00	cps
Bismuth	209-1	4584623	4854247	4768383	4735751	2.91	cps
Bismuth	209-2	1506032	1512634	1513820	1510828	0.28	cps
Boron	10-1	283	250	217	250	13.33	cps
Boron	11-1	1100	1233	1125	1153	6.15	cps
Cadmium	111-1	1131	1216	1193	1180	3.74	cps
Cadmium	106-1	1600	1742	1717	1686	4.49	cps
Cadmium	108-1	8	4	25	13	88.19	cps
Calcium	43-1	2984	3042	2550	2859	9.40	cps
Calcium	44-1	46127	46319	47138	46528	1.15	cps
Chromium	52-2	943	837	790	857	9.18	cps
Cobalt	59-2	57	57	67	60	9.62	cps
Copper	63-2	367	337	367	357	4.86	cps
Dysprosium	156-1	8	33	8	17	86.64	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	17	33	58	36	58.08	cps
Erbium	164-2	0	3	13	6	124.93	cps
Gadolinium	160-1	50	58	133	81	56.97	cps
Gadolinium	160-2	7	3	10	7	50.03	cps
Holmium	165-1	7717143	8183558	7995214	7965305	2.95	cps
Holmium	165-2	2035825	2024268	2048950	2036347	0.61	cps
Indium	115-1	6976315	7410565	7149314	7178731	3.05	cps
Indium	115-2	360685	361580	364350	362205	0.53	cps
Iron	56-2	2617	2539	2739	2632	3.83	cps
Iron	57-2	44	72	56	57	24.35	cps
Lead	206-1	556	572	594	574	3.40	cps
Lead	207-1	594	550	517	554	7.05	cps
Lead	208-1	2389	2450	2411	2417	1.28	cps
Lithium	6-1	631705	661019	650708	647811	2.30	cps
Magnesium	24-2	117	175	233	175	33.34	cps
Manganese	55-2	57	73	67	66	12.79	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 16:01:28	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	192	233	200	208	10.58	cps
Molybdenum	95-1	67	8	33	36	81.06	cps
Molybdenum	96-1	192	125	183	167	21.79	cps
Molybdenum	97-1	100	125	100	108	13.32	cps
Molybdenum	98-1	50	8	33	31	68.64	cps
Neodymium	150-1	20	20	7	16	49.47	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	170	167	163	167	2.00	cps
Phosphorus	31-2	17	25	8	17	50.01	cps
Potassium	39-2	3434	3301	3576	3437	4.00	cps
Rhodium	103-1	6597202	6919821	6765172	6760732	2.39	cps
Rhodium	103-2	1908749	1956259	1937300	1934103	1.24	cps
Scandium	45-1	3822366	4150474	4055013	4009284	4.21	cps
Scandium	45-2	37346	37988	37941	37759	0.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	6	0	2	114.63	cps
Selenium	82-1	-44	-194	-25	-88	-105.65	cps
Silicon	28-1	424654	403440	407920	412005	2.71	cps
Silver	109-1	100	67	33	67	50.01	cps
Silver	107-1	250	133	133	172	39.12	cps
Sodium	23-2	4976	4851	4834	4887	1.58	cps
Strontium	86-1	1217	800	1100	1039	20.69	cps
Strontium	88-1	408	317	400	375	13.52	cps
Sulfur	34-1	380450	380407	376488	379115	0.60	cps
Terbium	159-1	8181500	8484171	8441453	8369041	1.96	cps
Terbium	159-2	1954472	1955474	1996351	1968766	1.21	cps
Thallium	203-1	92	117	133	114	18.41	cps
Thallium	205-1	267	267	317	283	10.19	cps
Tin	118-1	2425	2959	2392	2592	12.27	cps
Titanium	47-1	117	150	117	128	15.06	cps
Uranium	238-1	25	17	50	31	56.77	cps
Vanadium	51-2	20	7	3	10	88.20	cps
Yttrium	89-1	7439964	7746524	7489877	7558788	2.18	cps
Yttrium	89-2	264119	267025	266624	265923	0.59	cps
Zinc	66-2	70	50	53	58	18.55	cps
Zirconium	90-1	400	633	567	533	22.53	cps

LB Number :	LB89662	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2017-08-22 16:01:28	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	75	208	122	61.11	cps