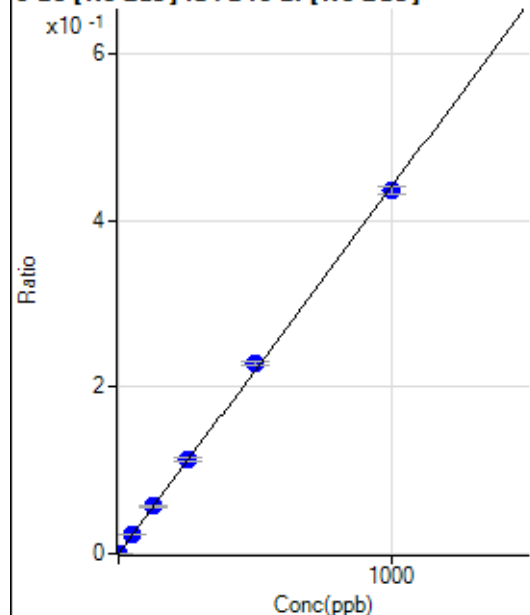


Batch Folder: D:\ICP-MS Data\P7011018MS.b\
Analysis File: P7011018MS.batch.bin
DA Date-Time: 2018-01-10 15:38:20
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2018-01-10 12:21:58
2			
3	006CALS.d	S02	2018-01-10 12:29:55
4	007CALS.d	S03	2018-01-10 12:33:45
5	008CALS.d	S04	2018-01-10 12:37:35
6	009CALS.d	S05	2018-01-10 12:41:25
7	010CALS.d	S06	2018-01-10 12:45:11
8	011CALS.d	S07	2018-01-10 12:48:55
9	012CALS.d	S08	2018-01-10 12:52:39

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	116.67	0.0000	P	31.3
2	☐	0.100					
3	☐	1.000	0.989	1703.85	0.0005	P	5.6
4	☐	50.000	52.620	84219.92	0.0232	P	1.1
5	☐	125.000	129.798	206613.38	0.0572	P	2.6
6	☐	250.000	256.584	403055.53	0.1130	P	2.3
7	☐	500.000	517.901	785587.70	0.2281	P	2.4
8	☐	1000.000	988.673	1496109.92	0.4354	P	2.0
9	☐			1850.17	0.0006	P	6.5

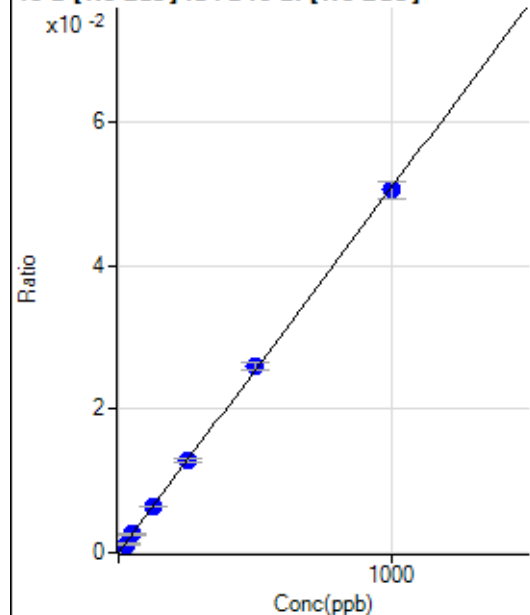
$$y = 4.4032\text{E-}004 * x + 3.1766\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.06778$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.56	0.0000	P	62.9
2	☐	2.500					
3	☐	25.000	22.497	4200.76	0.0012	P	11.5
4	☐	50.000	50.315	9319.91	0.0026	P	5.5
5	☐	125.000	126.042	23204.65	0.0064	P	2.3
6	☐	250.000	253.774	46068.17	0.0129	P	4.9
7	☐	500.000	510.619	89514.33	0.0260	P	3.5
8	☐	1000.000	993.664	173728.04	0.0506	P	4.7
9	☐			6123.75	0.0019	P	15.7

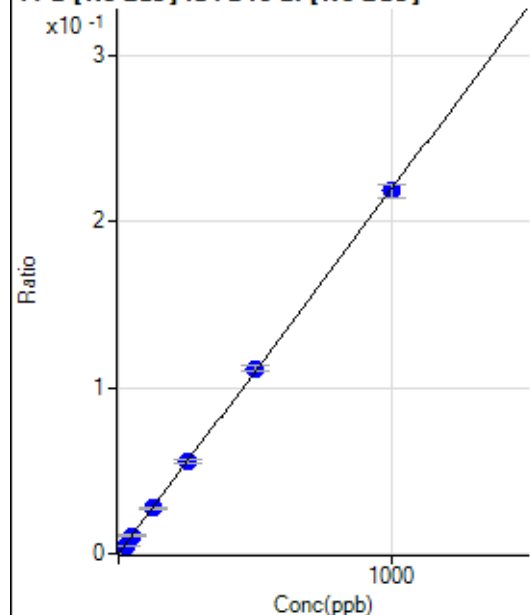
$$y = 5.0886\text{E-}005 * x + 8.3069\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.3078$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	147.23	0.0000	P	27.9
2	☐	2.500					
3	☐	25.000	22.110	17844.49	0.0049	P	5.6
4	☐	50.000	49.845	39870.28	0.0110	P	3.5
5	☐	125.000	123.887	98419.35	0.0272	P	4.3
6	☐	250.000	253.249	198435.56	0.0557	P	4.1
7	☐	500.000	508.826	384966.72	0.1118	P	3.7
8	☐	1000.000	994.994	750879.23	0.2185	P	3.6
9	☐			25561.51	0.0081	P	11.0

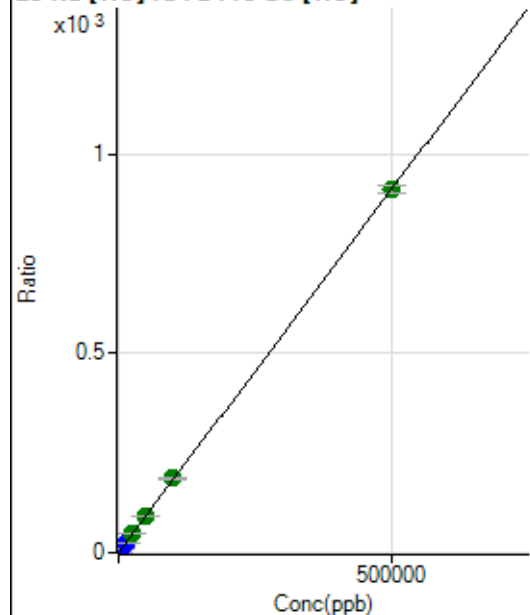
$$y = 2.1961\text{E-}004 * x + 4.0045\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.1525$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9781.34	0.0814	P	3.1
2	☐	50.000					
3	☐	500.000	459.753	109763.78	0.9194	P	1.0
4	☐	5000.000	5262.719	1144393.16	9.6742	P	0.2
5	☐	12500.000	12769.883	2766166.34	23.3581	P	0.3
6	☐	25000.000	25984.773	5460368.87	47.4459	A	2.4
7	☐	50000.000	50867.480	10649056.14	92.8015	A	0.7
8	☐	100000.00	102024.71	20501613.48	186.0498	A	1.1
9	☐	500000.00	499449.73	99882952.93	910.4672	A	2.3

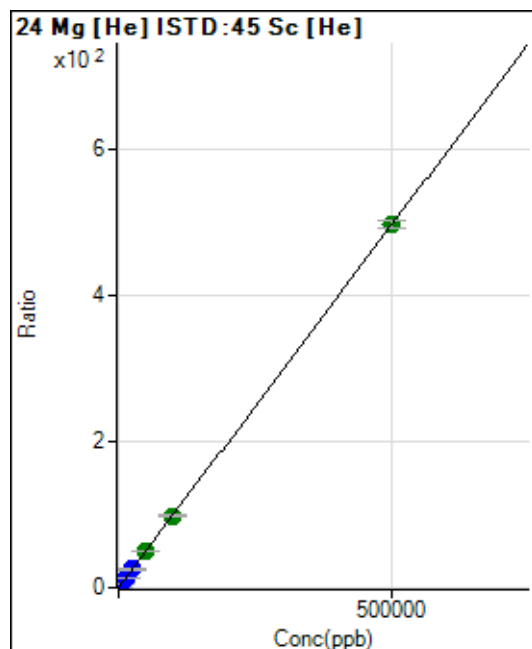
$$y = 0.0018 * x + 0.0814$$

$$R = 1.0000$$

$$DL = 4.105$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6007.04	0.0500	P	5.0
2	☐	50.000					
3	☐	500.000	440.545	58208.51	0.4876	P	2.5
4	☐	5000.000	5094.638	604614.15	5.1111	P	0.4
5	☐	12500.000	12300.962	1453047.75	12.2700	P	0.5
6	☐	25000.000	25272.417	2895143.75	25.1561	P	2.3
7	☐	50000.000	49288.460	5624463.10	49.0142	A	0.4
8	☐	100000.00	99064.415	10849939.65	98.4626	A	1.2
9	☐	500000.00	500248.73	54525959.55	497.0073	A	2.1

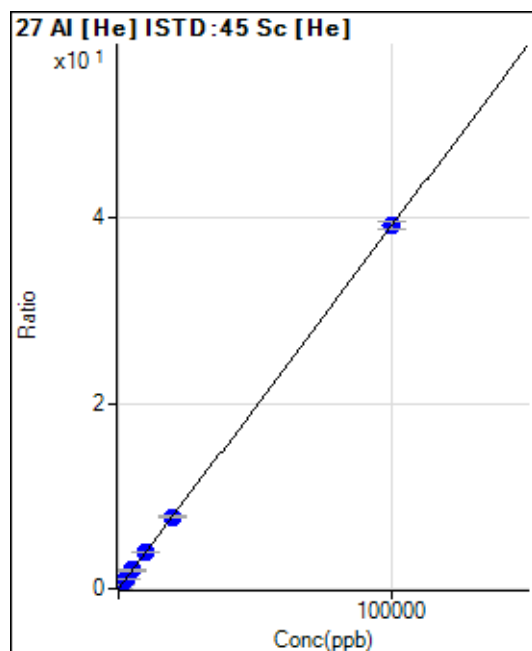
$$y = 9.9342\text{E-}004 * x + 0.0500$$

$$R = 1.0000$$

$$DL = 7.599$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0001	P	0.4
2	☐	2.000					
3	☐	20.000	17.312	825.06	0.0069	P	11.6
4	☐	1000.000	1033.993	47897.42	0.4049	P	3.3
5	☐	2500.000	2455.760	113867.33	0.9615	P	1.0
6	☐	5000.000	5067.916	228346.19	1.9842	P	2.5
7	☐	10000.000	9896.535	444605.74	3.8745	P	0.4
8	☐	20000.000	19881.171	857657.29	7.7833	P	1.6
9	☐	100000.00	100031.48	4296381.61	39.1610	P	2.0

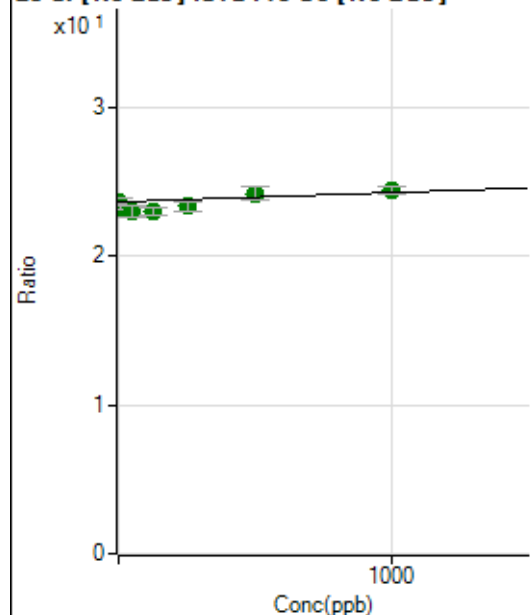
$$y = 3.9148\text{E-}004 * x + 1.3874\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.004635$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69898316.84	23.6832	A	2.3
2	☐	1.000					
3	☐	10.000	-517.913	69050568.21	23.3570	A	1.2
4	☐	50.000	-972.055	68570056.40	23.0709	A	3.1
5	☐	125.000	-1026.286	67395566.78	23.0367	A	2.6
6	☐	250.000	-461.308	68134735.55	23.3926	A	2.6
7	☐	500.000	920.922	68496875.14	24.2633	A	4.0
8	☐	1000.000	1167.659	68895682.10	24.4188	A	2.0
9	☐			64904960.48	24.5481	A	1.5

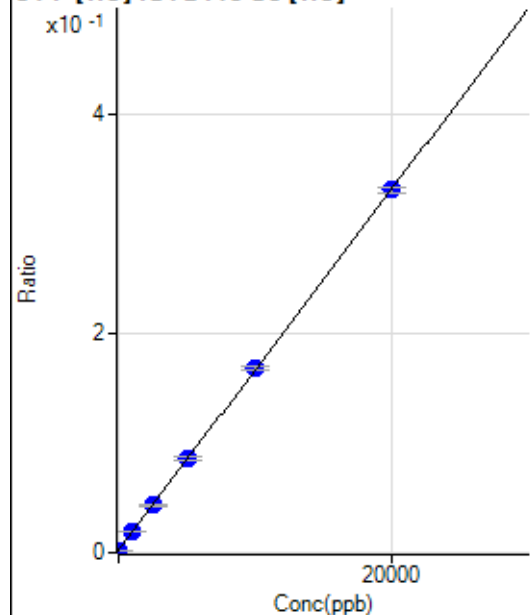
$$y = 6.2992\text{E-}004 * x + 23.6832$$

$$R = 0.8259$$

$$DL = 2644$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	1.583	302.79	0.0025	P	8.8
2	☐	0.000					
3	☐	0.000	-1.583	294.46	0.0025	P	12.8
4	☐	1000.000	1019.692	2280.83	0.0193	P	3.1
5	☐	2500.000	2505.725	5181.65	0.0437	P	4.2
6	☐	5000.000	5059.442	9875.86	0.0858	P	3.3
7	☐	10000.000	10044.373	19263.16	0.1679	P	1.9
8	☐	20000.000	19961.253	36487.29	0.3311	P	1.9
9	☐			244.46	0.0022	P	17.5

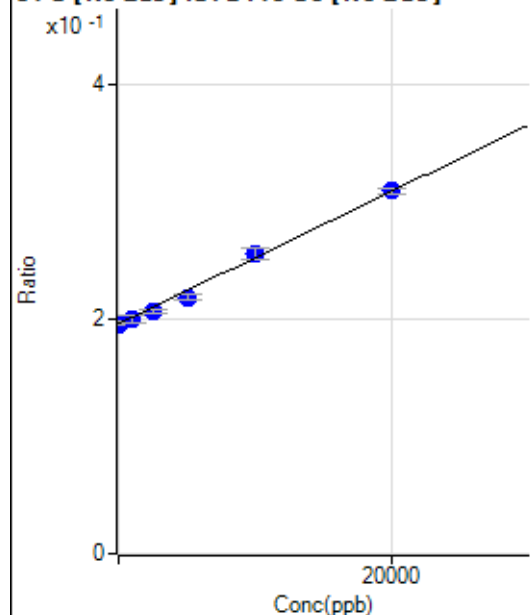
$$y = 1.6464\text{E-}005 * x + 0.0025$$

$$R = 1.0000$$

$$DL = 49.11$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-57.703	578646.67	0.1961	P	2.4
2	☐	0.000					
3	☐	0.000	57.703	581520.44	0.1967	P	1.6
4	☐	1000.000	714.800	595712.80	0.2004	P	3.1
5	☐	2500.000	1876.839	605711.22	0.2070	P	1.7
6	☐	5000.000	4006.570	638076.25	0.2191	P	2.5
7	☐	10000.000	10590.436	723616.50	0.2563	P	4.3
8	☐	20000.000	20045.295	874315.17	0.3099	P	1.7
9	☐			533507.86	0.2018	P	1.3

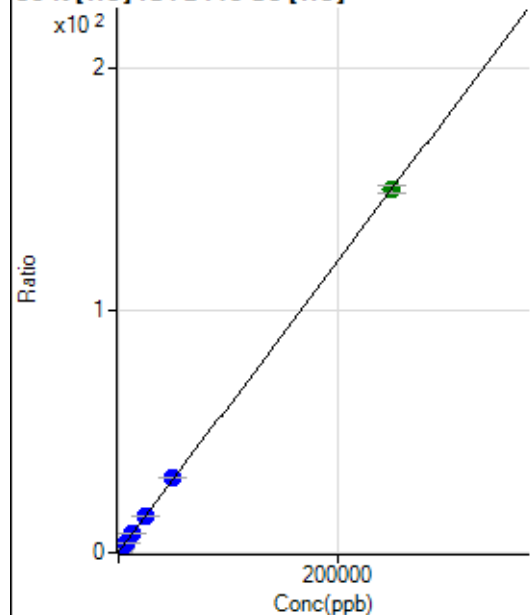
$$y = 5.6615\text{E-}006 * x + 0.1964$$

$$R = 0.9979$$

$$DL = 2100$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22183.96	0.1846	P	0.2
2	☐	50.000					
3	☐	500.000	447.151	54002.41	0.4523	P	1.5
4	☐	2500.000	2625.695	207742.95	1.7562	P	1.0
5	☐	6250.000	6255.875	465284.88	3.9290	P	0.6
6	☐	12500.000	12906.966	910342.38	7.9100	P	2.3
7	☐	25000.000	25287.386	1758043.92	15.3202	P	0.2
8	☐	50000.000	51032.098	3386213.34	30.7294	P	1.1
9	☐	250000.00	249743.19	16419571.20	149.6662	A	2.1

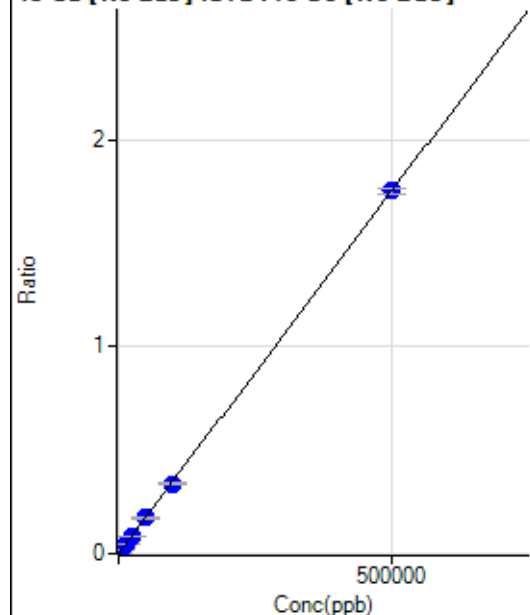
$$y = 5.9854\text{E-}004 * x + 0.1846$$

$$R = 1.0000$$

$$DL = 1.609$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	130.56	0.0000	P	10.0
2	☐	50.000					
3	☐	500.000	480.743	5112.20	0.0017	P	4.5
4	☐	5000.000	5018.351	52371.29	0.0176	P	3.9
5	☐	12500.000	12418.333	127377.62	0.0435	P	3.7
6	☐	25000.000	24532.799	250419.81	0.0860	P	3.2
7	☐	50000.000	50032.324	494915.59	0.1753	P	4.0
8	☐	100000.00	96831.090	957225.72	0.3393	P	1.6
9	☐	500000.00	500655.78	4637175.36	1.7539	P	1.7

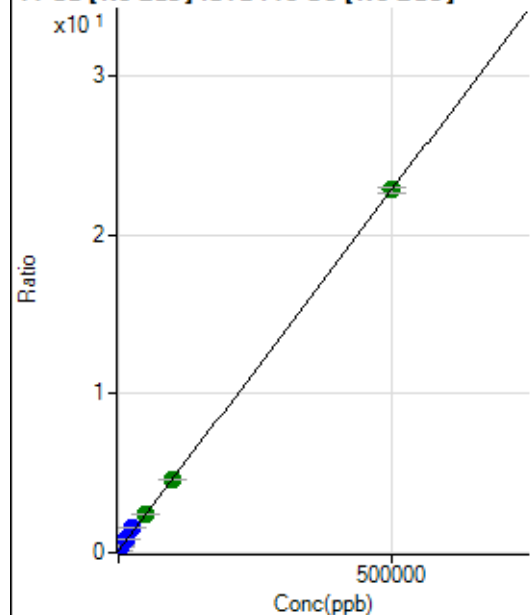
$$y = 3.5031\text{E-}006 * x + 4.4239\text{E-}005$$

$$R = 1.0000$$

$$DL = 3.786$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	393571.97	0.1333	P	2.0
2	☐	50.000					
3	☐	500.000	606.292	475502.78	0.1609	P	2.2
4	☐	5000.000	6254.958	1239918.48	0.4172	P	3.2
5	☐	12500.000	15520.402	2450523.79	0.8377	P	2.8
6	☐	25000.000	30970.975	4482149.36	1.5388	P	2.4
7	☐	50000.000	50511.868	6847294.95	2.4256	A	4.1
8	☐	100000.00	98165.812	12945217.48	4.5882	A	1.9
9	☐	500000.00	499928.93	60336358.99	22.8204	A	1.6

$$y = 4.5381\text{E-}005 * x + 0.1333$$

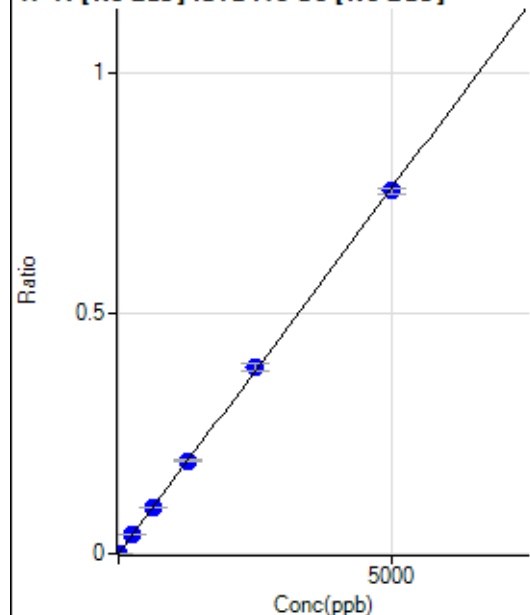
$$R = 0.9999$$

$$DL = 179.3$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	230.57	0.0001	P	19.5
2	☐	0.500					
3	☐	5.000	4.420	2219.70	0.0008	P	6.3
4	☐	250.000	255.749	115941.14	0.0390	P	3.9
5	☐	625.000	634.267	282746.20	0.0966	P	2.5
6	☐	1250.000	1264.923	561208.07	0.1927	P	2.1
7	☐	2500.000	2561.148	1100983.56	0.3900	P	4.2
8	☐	5000.000	4964.250	2132851.15	0.7559	P	1.4
9	☐			952.85	0.0004	P	3.4

$$y = 1.5225E-004 * x + 7.8326E-005$$

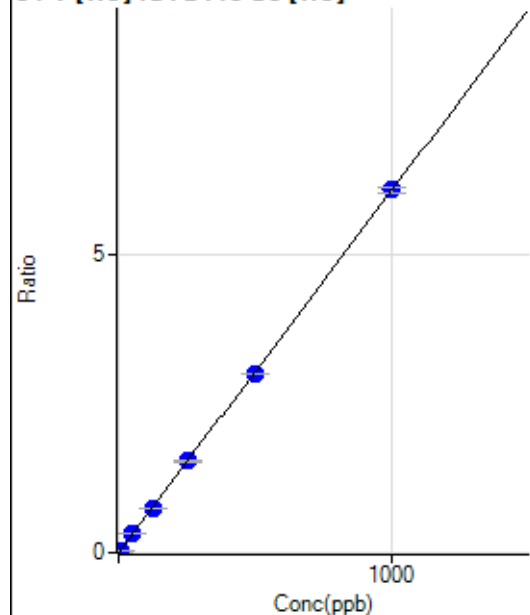
$$R = 0.9999$$

$$DL = 0.3014$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	4.427	3205.96	0.0269	P	1.7
4	☐	50.000	51.457	36909.60	0.3120	P	0.5
5	☐	125.000	123.622	88768.00	0.7496	P	0.7
6	☐	250.000	253.921	177201.90	1.5397	P	2.2
7	☐	500.000	493.543	343409.12	2.9926	P	0.4
8	☐	1000.000	1002.350	669720.38	6.0778	P	1.6
9	☐			157.78	0.0014	P	7.9

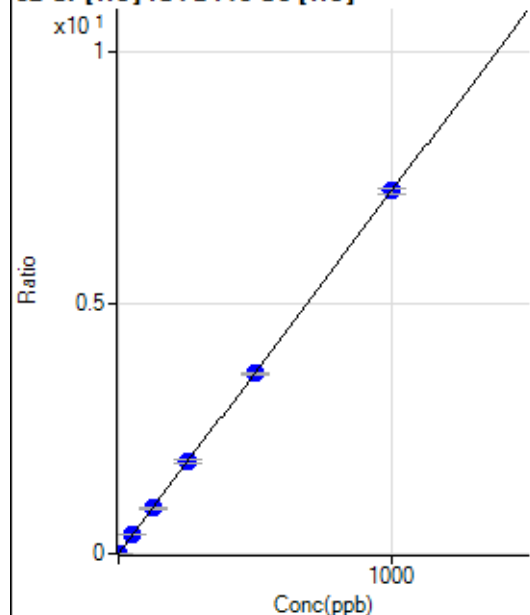
$$y = 0.0061 * x + 9.2616E-006$$

$$R = 1.0000$$

$$DL = 0.007937$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.11	0.0009	P	2.0
2	☐	0.200					
3	☐	2.000	2.003	1837.93	0.0154	P	5.2
4	☐	50.000	51.973	44536.00	0.3765	P	1.4
5	☐	125.000	125.029	107101.97	0.9044	P	0.8
6	☐	250.000	255.447	212531.49	1.8469	P	3.1
7	☐	500.000	496.187	411560.94	3.5865	P	0.4
8	☐	1000.000	1000.442	796740.32	7.2304	P	1.3
9	☐			6977.30	0.0636	P	1.5

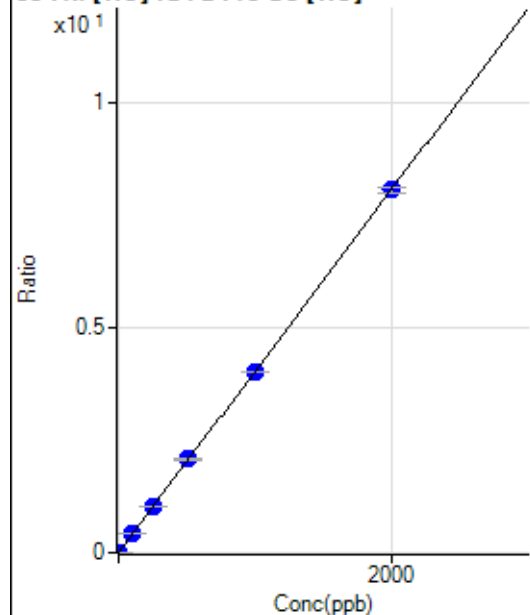
$$y = 0.0072 * x + 9.2477E-004$$

$$R = 1.0000$$

$$DL = 0.007654$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0003	P	46.0
2	☐	0.100					
3	☐	1.000	0.864	450.02	0.0038	P	7.2
4	☐	100.000	103.621	49521.01	0.4186	P	1.1
5	☐	250.000	249.805	119463.47	1.0088	P	0.5
6	☐	500.000	513.935	238820.59	2.0751	P	2.4
7	☐	1000.000	995.311	461135.05	4.0185	P	0.5
8	☐	2000.000	1998.704	889196.32	8.0694	P	1.3
9	☐			2142.41	0.0195	P	5.1

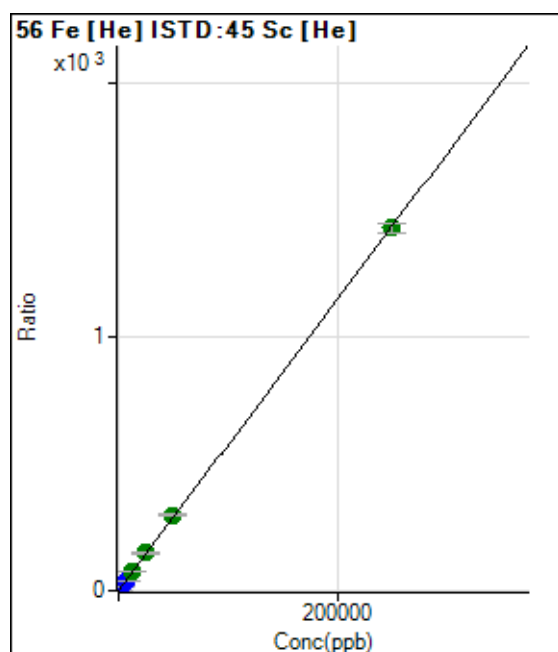
$$y = 0.0040 * x + 2.7749E-004$$

$$R = 1.0000$$

$$DL = 0.09487$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1744.60	0.0145	P	4.4
2	☐	5.000					
3	☐	50.000	47.714	34305.33	0.2874	P	2.5
4	☐	2500.000	2706.400	1832573.74	15.4920	P	0.7
5	☐	6250.000	6567.738	4449617.72	37.5744	P	0.7
6	☐	12500.000	13348.890	8787330.06	76.3547	A	2.4
7	☐	25000.000	25785.644	16923563.80	147.4785	A	0.2
8	☐	50000.000	51957.564	32744422.03	297.1516	A	1.1
9	☐	250000.00	249477.47	156519522.0	1,426.736	A	2.3

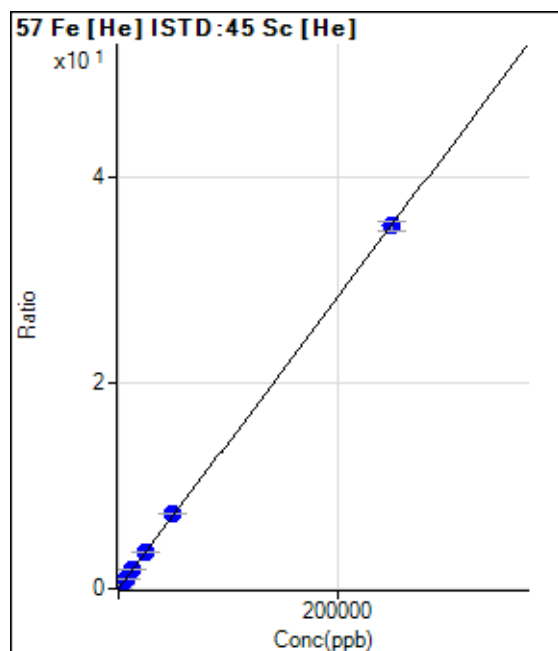
$$y = 0.0057 * x + 0.0145$$

$$R = 1.0000$$

$$DL = 0.3352$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	64.82	0.0005	P	55.4
2	☐	5.000					
3	☐	50.000	49.593	900.06	0.0075	P	11.5
4	☐	2500.000	2690.044	45021.42	0.3806	P	2.0
5	☐	6250.000	6476.210	108421.44	0.9156	P	1.6
6	☐	12500.000	13121.644	213425.83	1.8545	P	2.3
7	☐	25000.000	25428.232	412336.12	3.5933	P	0.6
8	☐	50000.000	51576.968	803080.61	7.2878	P	0.8
9	☐	250000.00	249603.14	3868888.60	35.2666	P	2.3

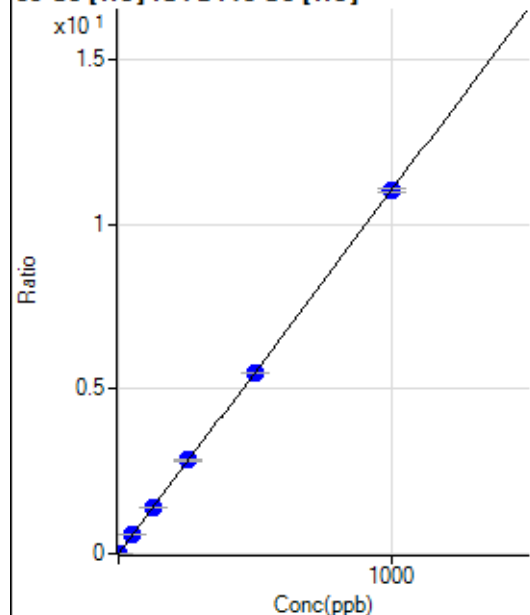
$$y = 1.4129E-004 * x + 5.3870E-004$$

$$R = 1.0000$$

$$DL = 6.339$$

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	82.22	0.0007	P	9.9
2	☐	0.100					
3	☐	1.000	1.003	1402.31	0.0118	P	6.0
4	☐	50.000	52.752	68922.07	0.5826	P	0.4
5	☐	125.000	126.786	165714.51	1.3994	P	0.8
6	☐	250.000	258.000	327637.92	2.8469	P	2.3
7	☐	500.000	498.679	631366.50	5.5020	P	0.5
8	☐	1000.000	998.299	1213638.51	11.0137	P	1.2
9	☐			1486.77	0.0136	P	4.6

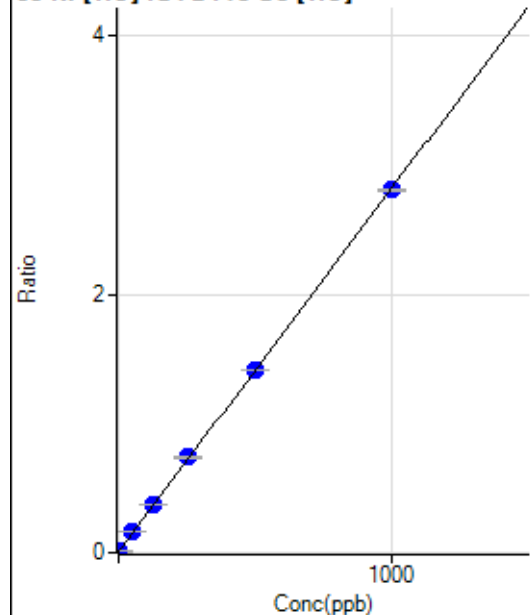
$$y = 0.0110 * x + 6.8415E-004$$

$$R = 1.0000$$

$$DL = 0.01834$$

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	753.37	0.0063	P	7.2
2	☐	0.100					
3	☐	1.000	0.974	1075.62	0.0090	P	2.7
4	☐	50.000	53.661	18603.13	0.1573	P	0.9
5	☐	125.000	128.309	43497.89	0.3673	P	0.6
6	☐	250.000	260.436	85070.54	0.7391	P	1.3
7	☐	500.000	501.125	162531.08	1.4164	P	0.3
8	☐	1000.000	996.232	309598.02	2.8095	P	0.9
9	☐			2217.99	0.0202	P	7.0

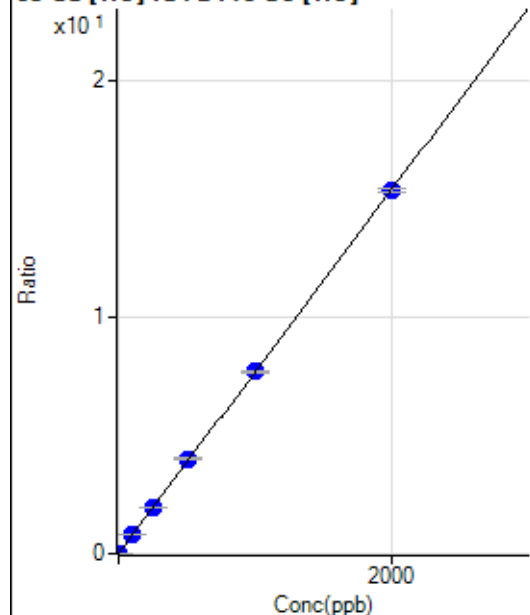
$$y = 0.0028 * x + 0.0063$$

$$R = 0.9999$$

$$DL = 0.4845$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1004.50	0.0084	P	11.1
2	☐	0.200					
3	☐	2.000	1.936	2773.65	0.0232	P	4.2
4	☐	100.000	106.725	97946.92	0.8280	P	0.6
5	☐	250.000	255.779	233622.32	1.9727	P	0.6
6	☐	500.000	518.344	459127.98	3.9892	P	2.0
7	☐	1000.000	999.110	881467.61	7.6815	P	0.6
8	☐	2000.000	1994.800	1689097.06	15.3283	P	1.1
9	☐			2967.02	0.0271	P	7.0

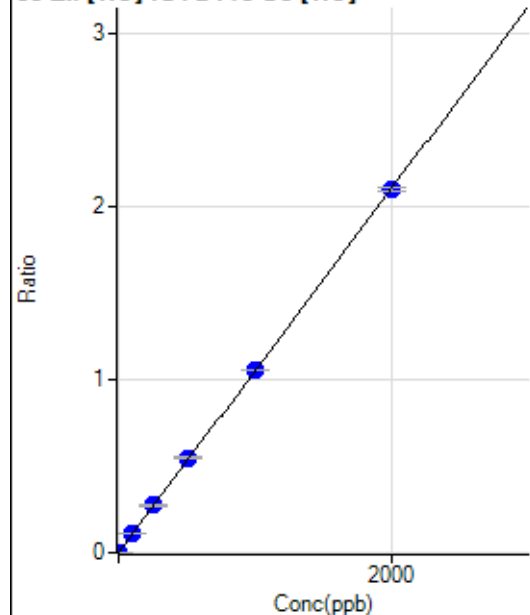
$$y = 0.0077 * x + 0.0084$$

$$R = 1.0000$$

$$DL = 0.3641$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	71.11	0.0006	P	19.8
2	☐	0.200					
3	☐	2.000	1.952	315.56	0.0026	P	5.6
4	☐	100.000	107.727	13468.61	0.1139	P	0.4
5	☐	250.000	258.608	32269.11	0.2725	P	1.0
6	☐	500.000	521.975	63232.89	0.5494	P	1.8
7	☐	1000.000	1000.894	120827.80	1.0529	P	0.2
8	☐	2000.000	1992.597	230928.19	2.0956	P	0.9
9	☐			715.59	0.0065	P	3.2

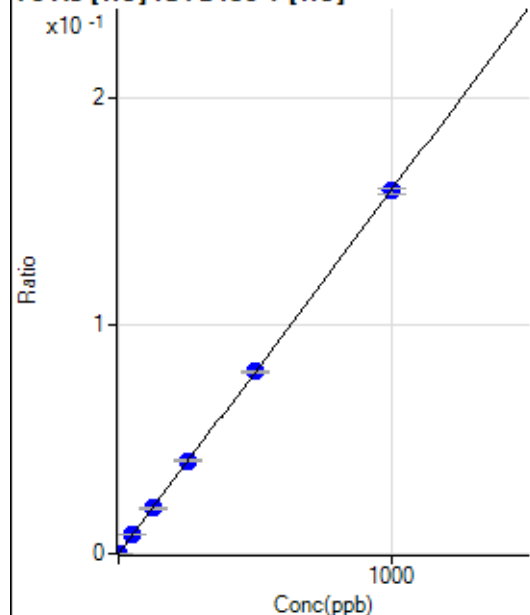
$$y = 0.0011 * x + 5.9208E-004$$

$$R = 0.9999$$

$$DL = 0.3347$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.85	0.0000	P	99.8
2	☐	0.100					
3	☐	1.000	0.978	77.16	0.0002	P	20.5
4	☐	50.000	52.472	4045.66	0.0084	P	2.6
5	☐	125.000	124.569	9602.63	0.0199	P	2.1
6	☐	250.000	254.785	19390.17	0.0406	P	2.3
7	☐	500.000	501.361	37613.28	0.0799	P	1.0
8	☐	1000.000	998.054	72361.99	0.1591	P	1.6
9	☐			36.42	0.0001	P	21.6

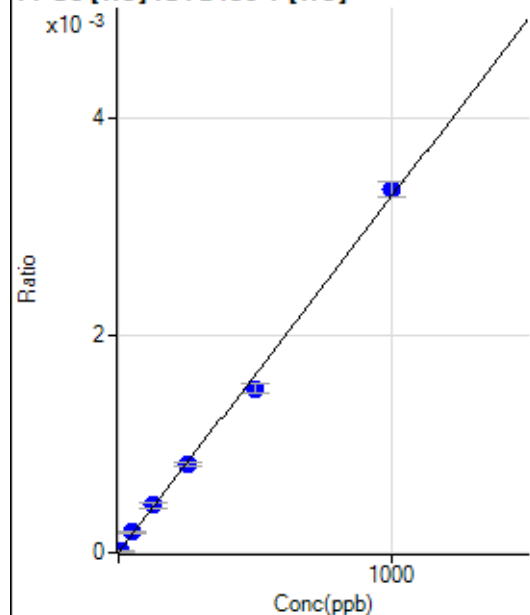
$$y = 1.5944\text{E-}004 * x + 3.7801\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.071$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	3.493	6.67	0.0000	P	99.9
4	☐	50.000	56.911	91.11	0.0002	P	10.9
5	☐	125.000	132.740	211.12	0.0004	P	11.2
6	☐	250.000	246.130	385.57	0.0008	P	3.9
7	☐	500.000	461.189	711.14	0.0015	P	5.1
8	☐	1000.000	1019.067	1516.77	0.0033	P	4.3
9	☐			3.33	0.0000	P	173.2

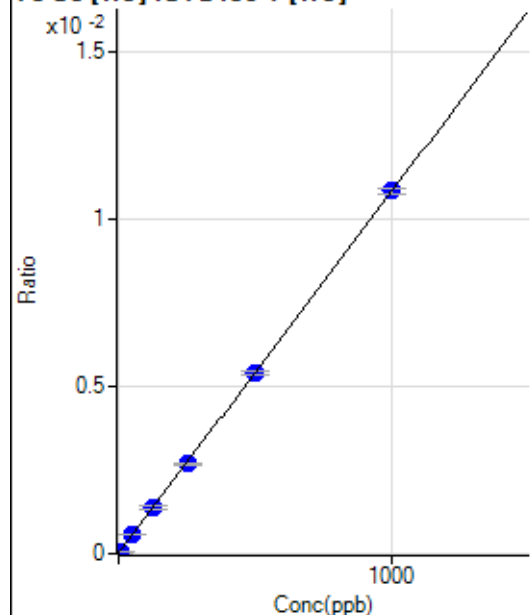
$$y = 3.2715\text{E-}006 * x + 2.2762\text{E-}006$$

$$R = 0.9988$$

$$DL = 3.615$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.64	0.0000	P	44.0
2	☐	0.500					
3	☐	5.000	3.231	25.31	0.0001	P	12.5
4	☐	50.000	52.229	280.87	0.0006	P	4.9
5	☐	125.000	125.390	662.37	0.0014	P	7.1
6	☐	250.000	246.649	1278.46	0.0027	P	3.2
7	☐	500.000	497.391	2532.35	0.0054	P	2.2
8	☐	1000.000	1001.991	4922.48	0.0108	P	1.3
9	☐			14.20	0.0000	P	30.1

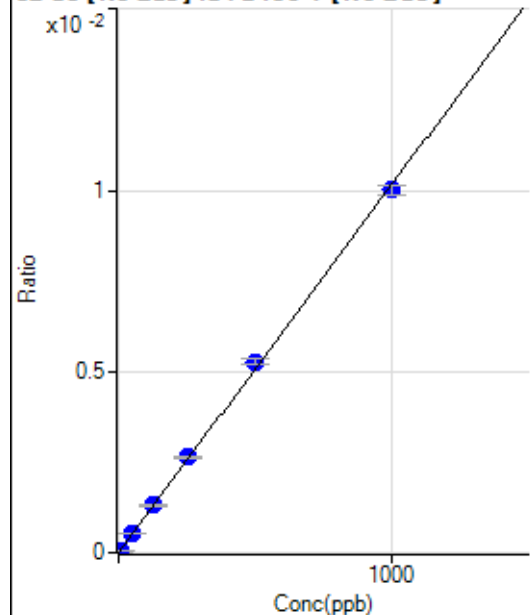
$$y = 1.0785\text{E-}005 * x + 1.7723\text{E-}005$$

$$R = 1.0000$$

$$DL = 2.168$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-16.26	0.0000	P	-122.
2	☐	0.500					
3	☐	5.000	5.590	205.35	0.0001	P	11.1
4	☐	50.000	53.362	2099.19	0.0005	P	3.4
5	☐	125.000	128.708	5027.60	0.0013	P	5.6
6	☐	250.000	260.069	10124.39	0.0026	P	2.4
7	☐	500.000	520.002	19707.95	0.0053	P	3.0
8	☐	1000.000	986.847	37469.18	0.0100	P	2.6
9	☐			24.11	0.0000	P	49.3

$$y = 1.0151\text{E-}005 * x - 4.1240\text{E-}006$$

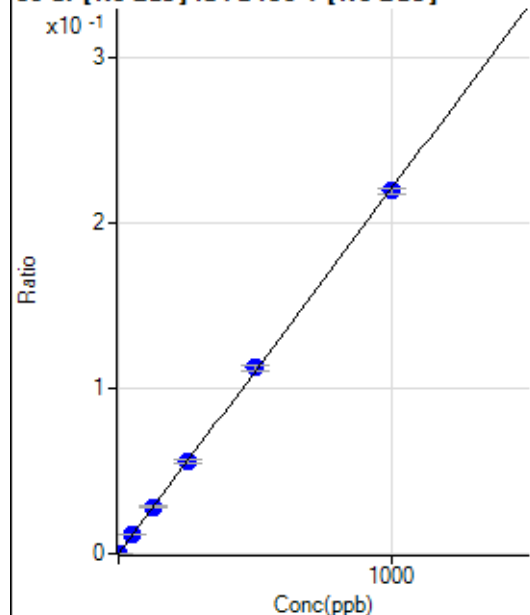
$$R = 0.9996$$

$$DL = 1.488$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	136.12	0.0000	P	17.1
2	☐	0.100					
3	☐	1.000	0.876	888.95	0.0002	P	6.9
4	☐	50.000	50.868	43940.29	0.0113	P	1.9
5	☐	125.000	127.387	108664.56	0.0281	P	2.9
6	☐	250.000	252.365	213963.45	0.0557	P	2.5
7	☐	500.000	510.630	421024.35	0.1127	P	3.1
8	☐	1000.000	993.752	820541.12	0.2193	P	1.6
9	☐			25918.61	0.0074	P	3.3

$$y = 2.2059\text{E-}004 * x + 3.4687\text{E-}005$$

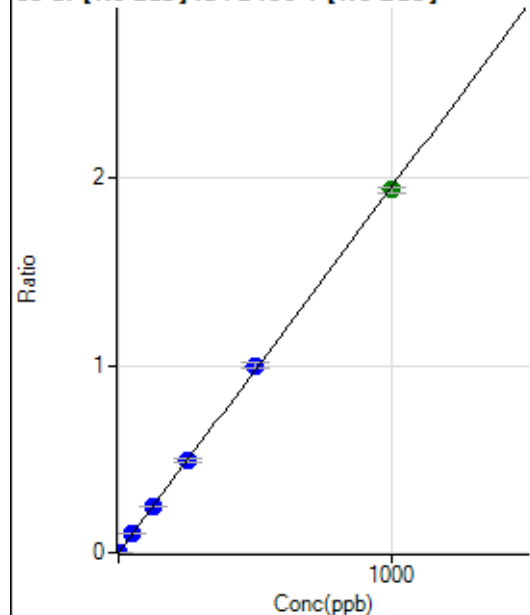
$$R = 0.9999$$

$$DL = 0.08044$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	130.56	0.0000	P	31.5
2	☐	0.100					
3	☐	1.000	0.914	7093.72	0.0018	P	1.8
4	☐	50.000	51.121	389934.50	0.0999	P	2.5
5	☐	125.000	126.041	951026.06	0.2463	P	3.1
6	☐	250.000	252.532	1895012.54	0.4934	P	2.4
7	☐	500.000	512.706	3742465.84	1.0016	P	3.2
8	☐	1000.000	992.828	7258251.29	1.9395	A	1.9
9	☐			227605.19	0.0652	P	2.5

$$y = 0.0020 * x + 3.3253\text{E-}005$$

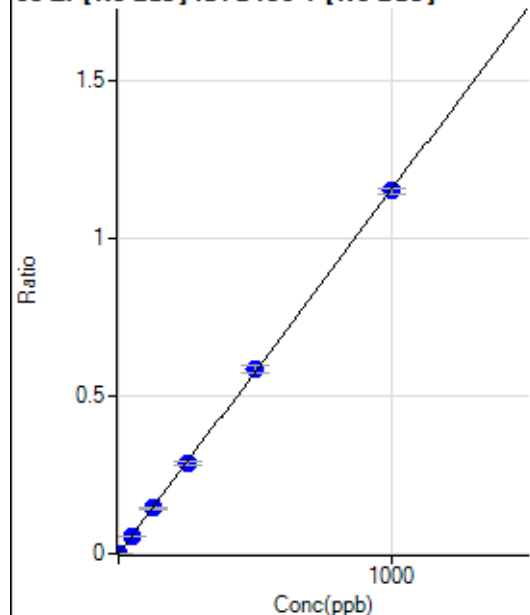
$$R = 0.9999$$

$$DL = 0.01611$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	200.01	0.0001	P	27.2
2	☐	0.100					
3	☐	1.000	0.812	3859.03	0.0010	P	3.0
4	☐	50.000	49.329	222675.73	0.0571	P	3.1
5	☐	125.000	124.736	556854.85	0.1442	P	3.1
6	☐	250.000	248.591	1103522.23	0.2873	P	2.7
7	☐	500.000	507.721	2192282.51	0.5867	P	3.4
8	☐	1000.000	996.558	4309838.98	1.1516	P	1.7
9	☐			1322.34	0.0004	P	12.1

$$y = 0.0012 * x + 5.1008E-005$$

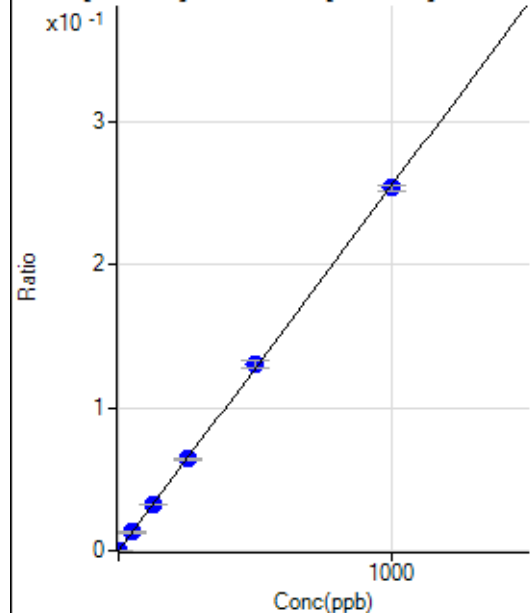
$$R = 1.0000$$

$$DL = 0.03603$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0000	P	74.9
2	☐	0.100					
3	☐	1.000	0.925	958.41	0.0002	P	11.1
4	☐	50.000	50.450	50241.60	0.0129	P	2.3
5	☐	125.000	126.400	124490.44	0.0322	P	2.8
6	☐	250.000	250.788	245587.62	0.0639	P	2.8
7	☐	500.000	510.949	486680.48	0.1303	P	3.7
8	☐	1000.000	994.131	948449.05	0.2534	P	1.9
9	☐			275.02	0.0001	P	17.0

$$y = 2.5492E-004 * x + 9.9153E-006$$

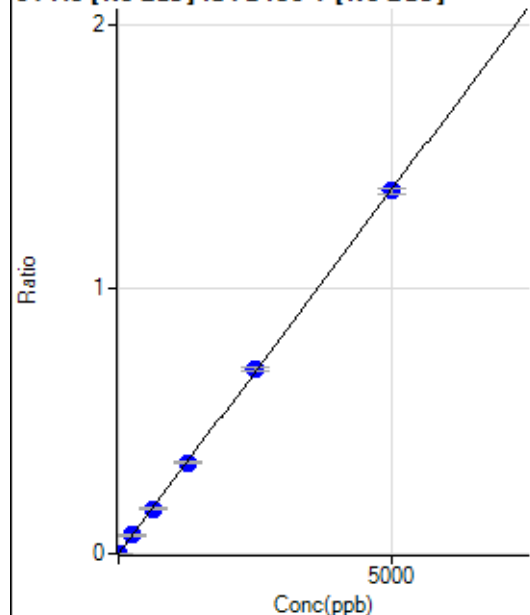
$$R = 0.9999$$

$$DL = 0.08743$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	111.12	0.0000	P	27.8
2	☐	0.500					
3	☐	5.000	4.454	4892.70	0.0013	P	3.7
4	☐	250.000	251.598	270388.38	0.0693	P	2.4
5	☐	625.000	620.616	659779.05	0.1708	P	2.7
6	☐	1250.000	1245.845	1317062.20	0.3429	P	2.4
7	☐	2500.000	2534.672	2606654.64	0.6976	P	2.9
8	☐	5000.000	4984.172	5133359.53	1.3717	P	1.9
9	☐			2836.52	0.0008	P	7.4

$$y = 2.7520\text{E-}004 * x + 2.8300\text{E-}005$$

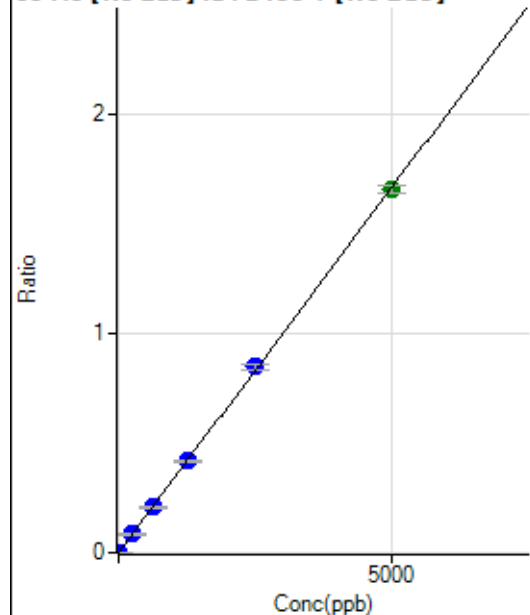
$$R = 1.0000$$

$$DL = 0.08583$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.33	0.0000	P	0.7
2	☐	0.500					
3	☐	5.000	4.657	6062.64	0.0016	P	1.4
4	☐	250.000	253.427	329647.00	0.0845	P	3.1
5	☐	625.000	623.778	802917.12	0.2079	P	2.8
6	☐	1250.000	1252.318	1603134.82	0.4174	P	2.4
7	☐	2500.000	2552.145	3178143.52	0.8505	P	3.1
8	☐	5000.000	4973.330	6202627.79	1.6575	A	2.1
9	☐			4384.21	0.0013	P	3.3

$$y = 3.3327\text{E-}004 * x + 2.1245\text{E-}006$$

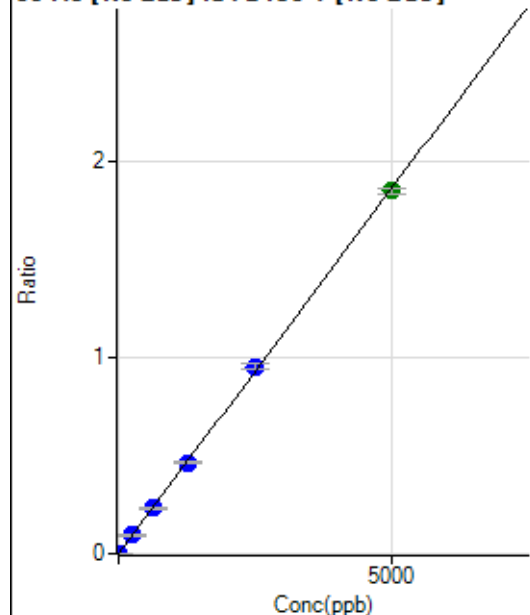
$$R = 0.9999$$

$$DL = 0.0001377$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.89	0.0000	P	42.0
2	☐	0.500					
3	☐	5.000	4.349	6368.36	0.0016	P	2.4
4	☐	250.000	251.276	364443.04	0.0934	P	3.0
5	☐	625.000	623.611	894945.99	0.2317	P	2.6
6	☐	1250.000	1250.637	1784736.67	0.4647	P	2.8
7	☐	2500.000	2560.649	3555011.41	0.9514	P	2.9
8	☐	5000.000	4969.626	6909932.88	1.8464	A	1.8
9	☐			4670.41	0.0013	P	5.3

$$y = 3.7154\text{E-}004 * x + 1.6301\text{E-}005$$

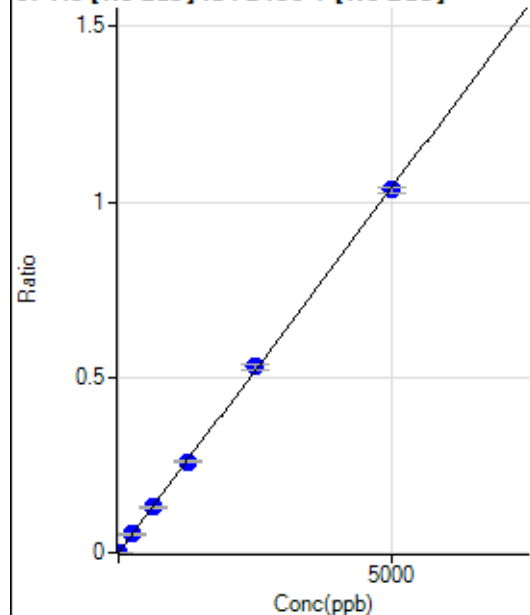
$$R = 0.9999$$

$$DL = 0.05523$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0000	P	91.6
2	☐	0.500					
3	☐	5.000	4.532	3692.33	0.0009	P	4.0
4	☐	250.000	252.273	204834.17	0.0525	P	3.0
5	☐	625.000	625.763	502795.32	0.1302	P	2.4
6	☐	1250.000	1251.291	999777.58	0.2603	P	2.6
7	☐	2500.000	2551.866	1983589.00	0.5308	P	2.8
8	☐	5000.000	4973.536	3871921.44	1.0346	P	1.6
9	☐			2639.26	0.0008	P	5.9

$$y = 2.0802\text{E-}004 * x + 3.5271\text{E-}006$$

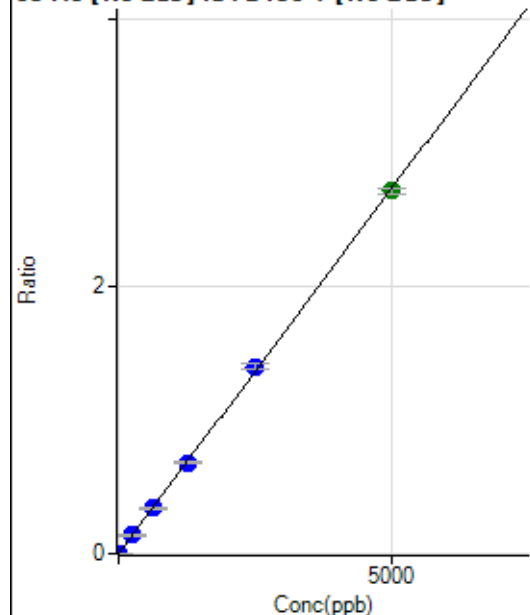
$$R = 0.9999$$

$$DL = 0.04659$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.56	0.0000	P	57.5
2	☐	0.500					
3	☐	5.000	4.469	9539.68	0.0024	P	1.9
4	☐	250.000	250.438	533137.62	0.1366	P	2.7
5	☐	625.000	620.546	1307163.75	0.3384	P	2.6
6	☐	1250.000	1249.073	2616535.89	0.6812	P	2.6
7	☐	2500.000	2559.380	5215312.44	1.3958	P	3.3
8	☐	5000.000	4971.077	10146090.85	2.7111	A	1.7
9	☐			6785.21	0.0019	P	8.1

$$y = 5.4537\text{E-}004 * x + 7.8126\text{E-}006$$

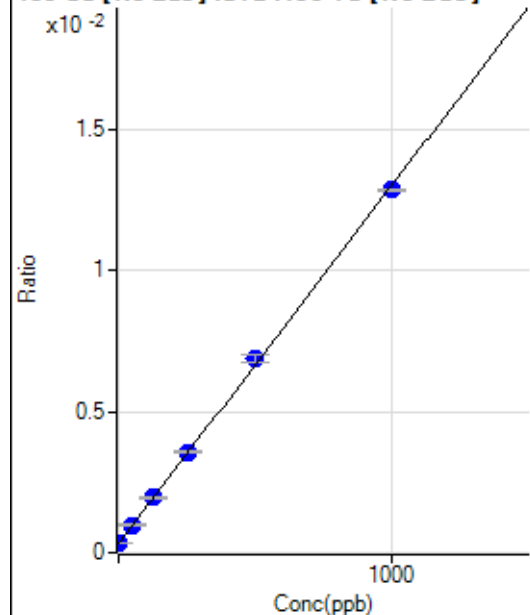
$$R = 0.9999$$

$$DL = 0.02471$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2039.14	0.0003	P	3.5
2	☐	0.100					
3	☐	1.000	0.221	2041.91	0.0003	P	6.1
4	☐	50.000	51.692	6226.64	0.0010	P	4.7
5	☐	125.000	129.017	12291.95	0.0020	P	2.1
6	☐	250.000	255.730	22482.40	0.0036	P	2.7
7	☐	500.000	518.323	42565.05	0.0069	P	3.5
8	☐	1000.000	988.820	79785.85	0.0129	P	0.2
9	☐			1827.98	0.0003	P	2.7

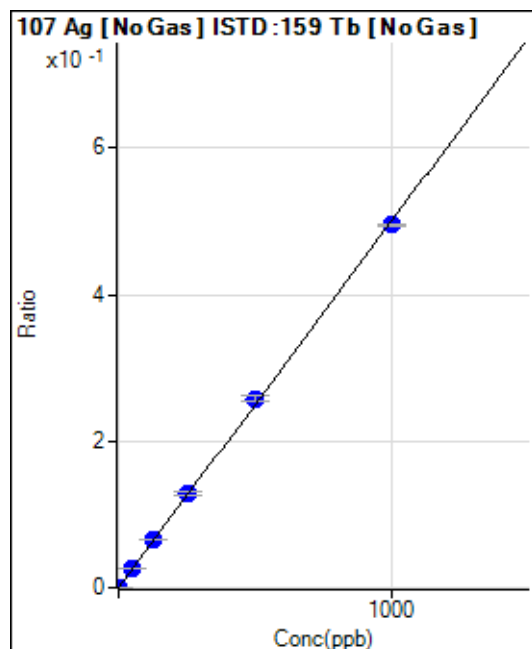
$$y = 1.2680\text{E-}005 * x + 3.1944\text{E-}004$$

$$R = 0.9997$$

$$DL = 2.637$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	80.56	0.0000	P	25.7
2	☐	0.100					
3	☐	1.000	0.983	3194.95	0.0005	P	4.5
4	☐	50.000	53.426	170623.31	0.0267	P	2.3
5	☐	125.000	130.419	409913.33	0.0652	P	2.0
6	☐	250.000	257.519	812901.20	0.1288	P	3.0
7	☐	500.000	514.444	1589249.99	0.2573	P	3.0
8	☐	1000.000	990.049	3072580.08	0.4952	P	0.4
9	☐			336.13	0.0001	P	2.0

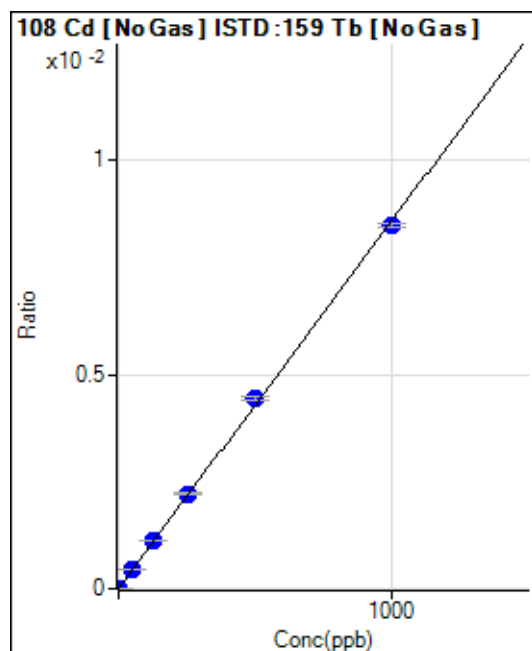
$$y = 5.0013\text{E-}004 * x + 1.2615\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.01947$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9.72	0.0000	P	65.3
2	☐	0.100					
3	☐	1.000	0.794	52.78	0.0000	P	24.9
4	☐	50.000	52.617	2892.03	0.0005	P	6.4
5	☐	125.000	130.004	7024.10	0.0011	P	2.2
6	☐	250.000	257.659	13975.15	0.0022	P	2.4
7	☐	500.000	520.289	27611.83	0.0045	P	1.9
8	☐	1000.000	987.184	52612.76	0.0085	P	1.1
9	☐			31.94	0.0000	P	8.6

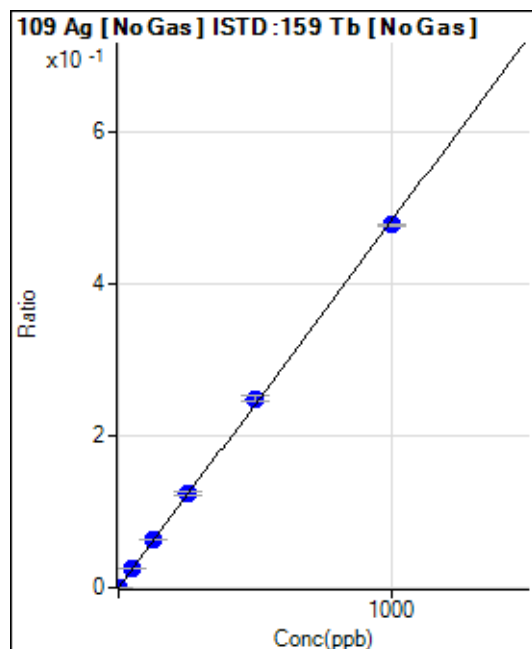
$$y = 8.5876\text{E-}006 * x + 1.5240\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.3477$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	0.9
2	☐	0.100					
3	☐	1.000	1.014	3133.82	0.0005	P	7.7
4	☐	50.000	53.225	164253.91	0.0257	P	2.9
5	☐	125.000	130.495	396476.47	0.0631	P	1.3
6	☐	250.000	257.728	786364.68	0.1246	P	3.3
7	☐	500.000	515.955	1540862.56	0.2495	P	2.7
8	☐	1000.000	989.242	2967766.60	0.4783	P	0.5
9	☐			297.24	0.0001	P	7.0

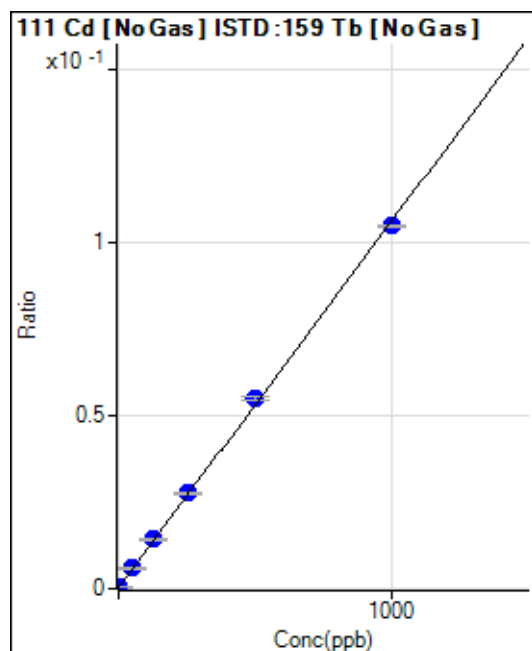
$$y = 4.8348\text{E-}004 * x + 3.9160\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.0002293$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1426.14	0.0002	P	3.1
2	☐	0.100					
3	☐	1.000	0.871	2000.76	0.0003	P	5.0
4	☐	50.000	53.023	37306.81	0.0058	P	2.2
5	☐	125.000	131.882	89256.58	0.0142	P	2.0
6	☐	250.000	258.736	174530.54	0.0277	P	2.9
7	☐	500.000	518.093	340671.97	0.0552	P	2.6
8	☐	1000.000	987.758	651199.30	0.1049	P	0.7
9	☐			1373.90	0.0002	P	4.0

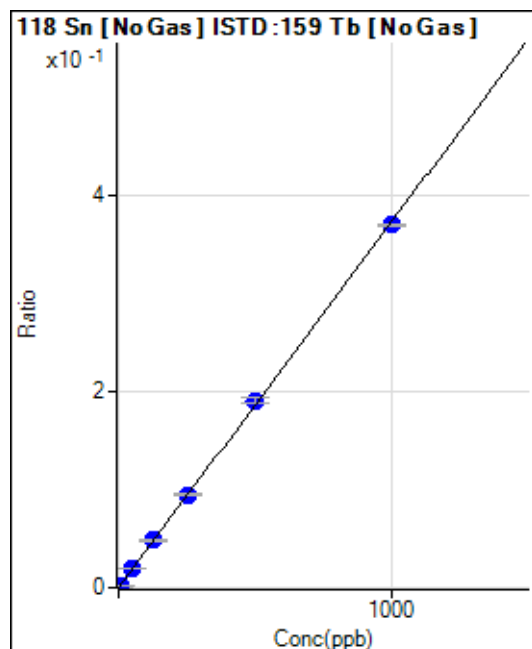
$$y = 1.0602\text{E-}004 * x + 2.2341\text{E-}004$$

$$R = 0.9997$$

$$DL = 0.1974$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	319.46	0.0000	P	20.2
2	☐	0.500					
3	☐	5.000	4.597	11179.93	0.0018	P	3.2
4	☐	50.000	51.983	124055.08	0.0194	P	2.8
5	☐	125.000	128.776	302100.51	0.0481	P	1.9
6	☐	250.000	254.858	600246.18	0.0951	P	2.6
7	☐	500.000	512.026	1179841.15	0.1910	P	3.1
8	☐	1000.000	992.203	2296591.42	0.3701	P	0.5
9	☐			3197.71	0.0006	P	5.4

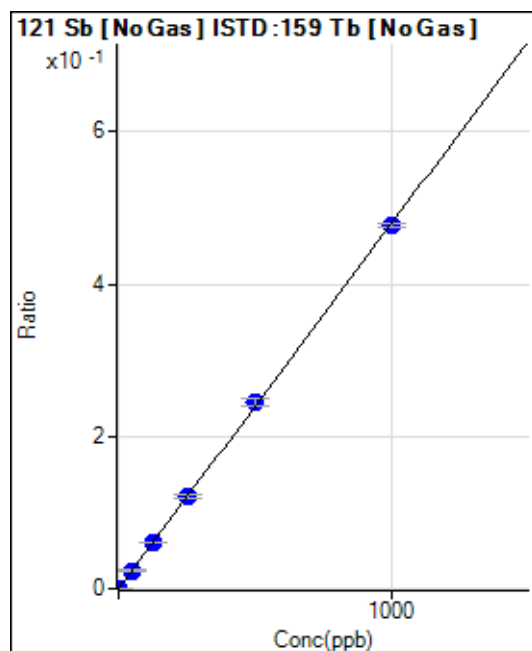
$$y = 3.7297\text{E-}004 * x + 4.9978\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.08122$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	115.0
2	☐	0.200					
3	☐	2.000	1.841	5606.92	0.0009	P	1.8
4	☐	50.000	49.837	152564.76	0.0239	P	3.2
5	☐	125.000	127.846	385310.92	0.0613	P	1.6
6	☐	250.000	253.429	767183.17	0.1216	P	2.6
7	☐	500.000	510.294	1511604.43	0.2448	P	3.5
8	☐	1000.000	993.649	2957271.25	0.4766	P	0.9
9	☐			7474.57	0.0013	P	6.5

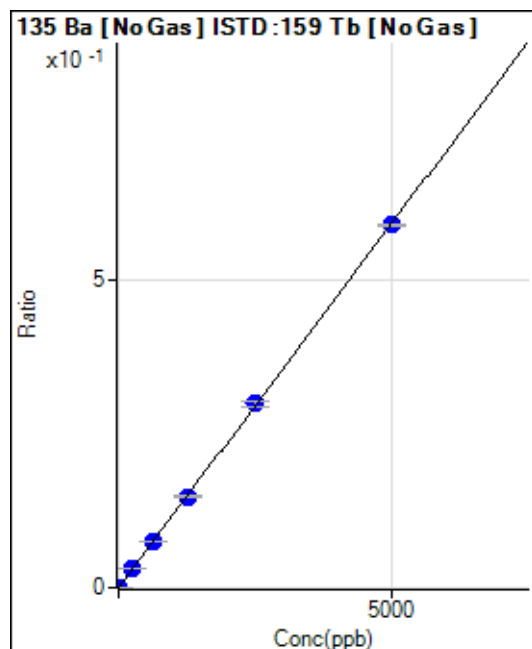
$$y = 4.7964\text{E-}004 * x + 1.7528\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.01261$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.34	0.0000	P	43.4
2	☐	1.000					
3	☐	10.000	8.934	6729.69	0.0011	P	3.0
4	☐	250.000	256.955	193982.41	0.0304	P	2.7
5	☐	625.000	628.314	466945.28	0.0743	P	1.7
6	☐	1250.000	1249.527	932679.63	0.1478	P	2.9
7	☐	2500.000	2532.795	1850081.38	0.2996	P	3.3
8	☐	5000.000	4982.961	3656792.27	0.5893	P	0.8
9	☐			1255.67	0.0002	P	3.9

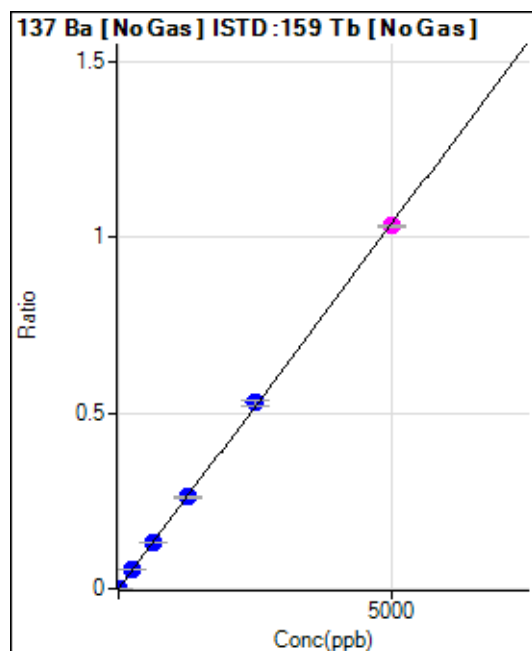
$$y = 1.1827\text{E-}004 * x + 5.2244\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.05754$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	40.1
2	☐	1.000					
3	☐	10.000	8.879	11713.77	0.0018	P	1.2
4	☐	250.000	254.938	337593.37	0.0529	P	2.4
5	☐	625.000	633.306	825536.19	0.1314	P	1.9
6	☐	1250.000	1255.780	1644031.08	0.2605	P	3.3
7	☐	2500.000	2547.961	3264710.18	0.5286	P	3.2
8	☐	5000.000	4973.292	6402034.78	1.0317	M	0.4
9	☐			2130.80	0.0004	P	15.3

$$y = 2.0745\text{E-}004 * x + 6.5328\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.03788$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.22		P	173.2
4	☐			17.78		P	21.7
5	☐			53.33		P	33.1
6	☐			75.56		P	18.4
7	☐			155.56		P	23.6
8	☐			355.57		P	23.1
9	☐			55.56		P	50.0

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			3.33		P	0.0
5	☐			5.56		P	34.7
6	☐			4.44		P	43.4
7	☐			11.11		P	45.8
8	☐			18.89		P	36.7
9	☐			13.34		P	43.3

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.0
2	☐						
3	☐			16.67		P	50.0
4	☐			16.67		P	50.0
5	☐			22.22		P	57.3
6	☐			33.33		P	0.0
7	☐			47.23		P	56.7
8	☐			77.78		P	22.3
9	☐			47.22		P	100.4

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			1.11		P	173.2
4	☐			1.11		P	173.2
5	☐			5.55		P	69.3
6	☐			10.00		P	33.3
7	☐			7.78		P	65.5
8	☐			13.33		P	90.1
9	☐			10.00		P	88.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	35.3
2	☐						
3	☐			25.00		P	66.7
4	☐			16.67		P	86.6
5	☐			16.67		P	50.0
6	☐			22.22		P	94.4
7	☐			22.22		P	57.3
8	☐			41.67		P	52.9
9	☐			33.33		P	50.0

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			31.11		P	6.2
2	☐						
3	☐			28.89		P	29.0
4	☐			22.22		P	22.9
5	☐			21.11		P	9.1
6	☐			18.89		P	27.0
7	☐			34.44		P	14.8
8	☐			32.22		P	46.6
9	☐			22.22		P	37.8

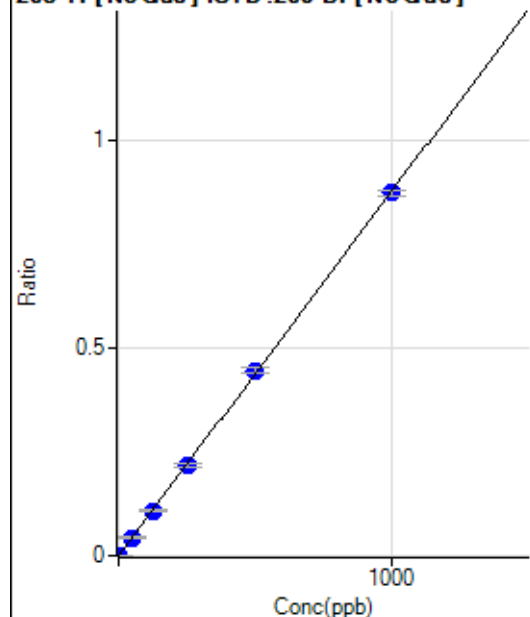
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.66		P	86.6
2	☐						
3	☐			22.23		P	43.3
4	☐			13.89		P	69.3
5	☐			27.78		P	96.4
6	☐			22.22		P	21.6
7	☐			13.89		P	124.9
8	☐			33.33		P	109.0
9	☐			38.89		P	49.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐						
3	☐			14.44		P	70.5
4	☐			3.33		P	100.1
5	☐			5.55		P	124.9
6	☐			16.67		P	20.0
7	☐			20.00		P	28.9
8	☐			13.34		P	43.3
9	☐			8.89		P	78.1

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	68.4
2	☐	0.100					
3	☐	1.000	0.907	3717.35	0.0008	P	7.2
4	☐	50.000	49.739	203984.22	0.0435	P	2.8
5	☐	125.000	123.057	496426.14	0.1077	P	3.5
6	☐	250.000	247.424	984440.49	0.2165	P	2.9
7	☐	500.000	508.797	1953151.71	0.4452	P	3.7
8	☐	1000.000	996.502	3837179.03	0.8720	P	1.8
9	☐			1352.91	0.0004	P	11.9

$$y = 8.7504\text{E-}004 * x + 6.4622\text{E-}006$$

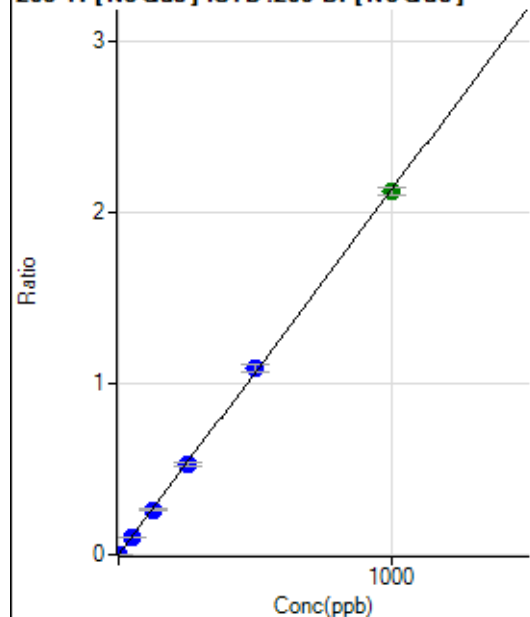
$$R = 0.9999$$

$$DL = 0.01515$$

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	75.00	0.0000	P	18.9
2	☐	0.100					
3	☐	1.000	0.910	9084.05	0.0020	P	3.2
4	☐	50.000	49.006	489701.37	0.1045	P	2.4
5	☐	125.000	122.780	1206802.54	0.2618	P	3.4
6	☐	250.000	247.899	2402974.55	0.5285	P	3.2
7	☐	500.000	512.439	4792811.48	1.0925	P	3.7
8	☐	1000.000	994.633	9331062.02	2.1205	A	2.1
9	☐			3295.02	0.0009	P	8.3

$$y = 0.0021 * x + 1.5938\text{E-}005$$

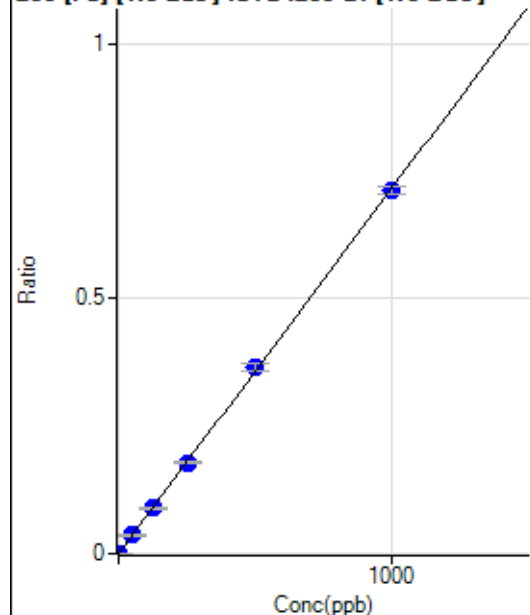
$$R = 0.9999$$

$$DL = 0.004249$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	264.82	0.0001	P	24.4
2	☐	0.100					
3	☐	1.000	0.919	3315.33	0.0007	P	3.5
4	☐	50.000	50.468	169455.09	0.0362	P	3.5
5	☐	125.000	124.662	411454.72	0.0893	P	3.4
6	☐	250.000	249.105	810680.81	0.1783	P	2.8
7	☐	500.000	512.190	1607814.49	0.3665	P	4.0
8	☐	1000.000	994.148	3130353.72	0.7114	P	2.0
9	☐			5894.05	0.0015	P	3.2

$$y = 7.1551\text{E-}004 * x + 5.6292\text{E-}005$$

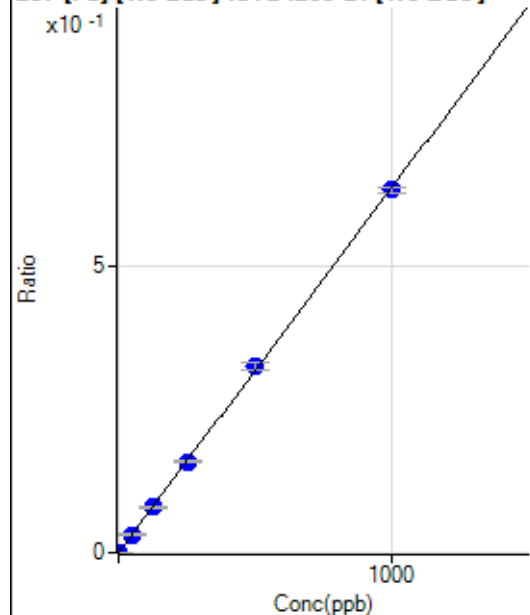
$$R = 0.9999$$

$$DL = 0.05771$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	262.97	0.0001	P	12.0
2	☐	0.100					
3	☐	1.000	0.886	2880.02	0.0006	P	1.7
4	☐	50.000	50.008	149527.45	0.0319	P	2.5
5	☐	125.000	124.643	366269.48	0.0794	P	3.0
6	☐	250.000	249.063	721558.87	0.1587	P	2.6
7	☐	500.000	510.855	1427552.40	0.3254	P	3.9
8	☐	1000.000	994.851	2788598.21	0.6337	P	1.7
9	☐			4873.25	0.0013	P	4.1

$$y = 6.3692\text{E-}004 * x + 5.5962\text{E-}005$$

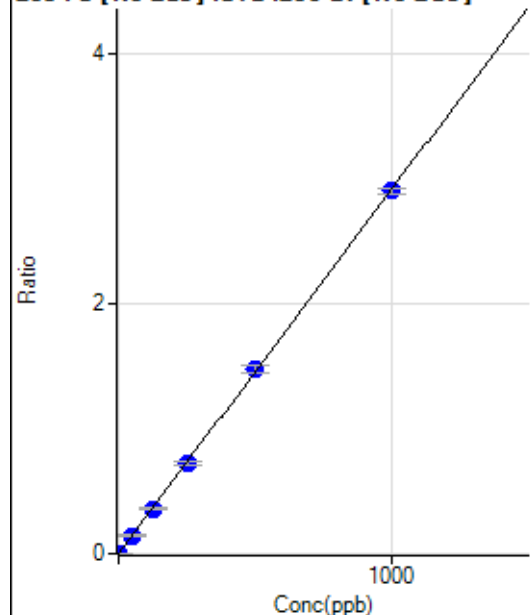
$$R = 0.9999$$

$$DL = 0.03154$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1113.01	0.0002	P	5.6
2	☐	0.100					
3	☐	1.000	0.887	13082.53	0.0028	P	0.9
4	☐	50.000	49.774	679215.46	0.1449	P	2.9
5	☐	125.000	123.749	1659704.08	0.3600	P	3.3
6	☐	250.000	247.640	3274609.47	0.7202	P	3.0
7	☐	500.000	508.547	6487032.77	1.4788	P	3.8
8	☐	1000.000	996.484	12749880.73	2.8974	P	1.8
9	☐			22787.81	0.0060	P	1.8

$$y = 0.0029 * x + 2.3654E-004$$

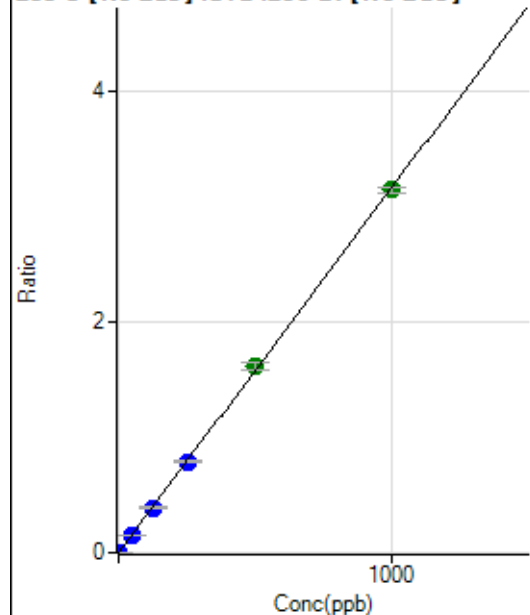
$$R = 0.9999$$

$$DL = 0.01368$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.23	0.0000	P	71.1
2	☐	0.100					
3	☐	1.000	0.883	12995.91	0.0028	P	3.8
4	☐	50.000	49.058	725581.67	0.1548	P	2.9
5	☐	125.000	122.497	1782279.40	0.3866	P	3.5
6	☐	250.000	250.471	3594338.03	0.7905	P	2.9
7	☐	500.000	510.582	7069138.18	1.6114	A	3.8
8	☐	1000.000	994.951	13818035.99	3.1401	A	1.9
9	☐			1369.59	0.0004	P	9.8

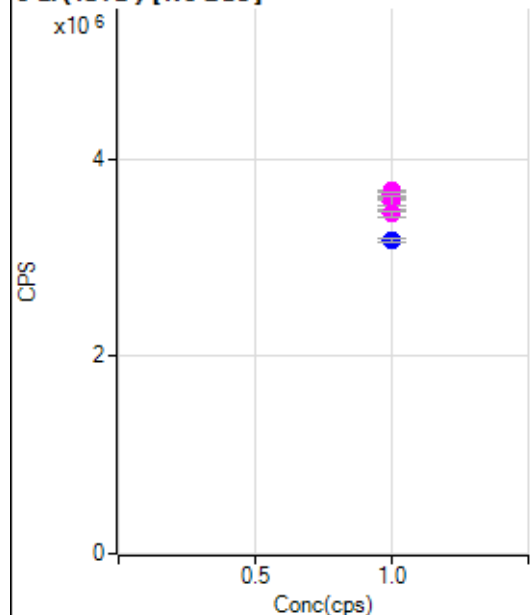
$$y = 0.0032 * x + 9.9996E-006$$

$$R = 0.9999$$

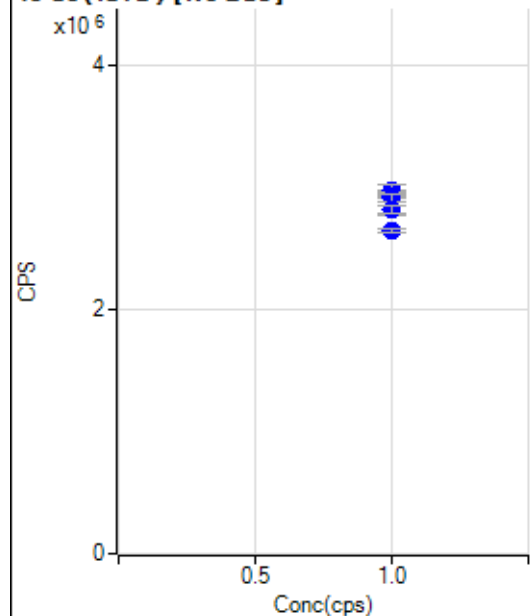
$$DL = 0.006757$$

Weight: <None>

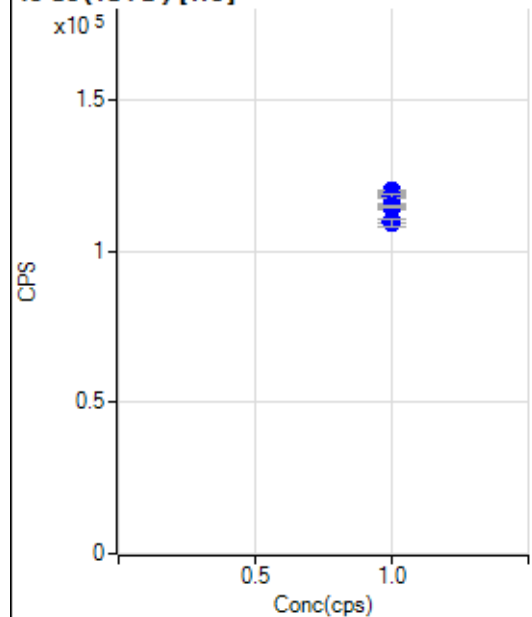
Min Conc: 0

6 Li (ISTD) [No Gas]

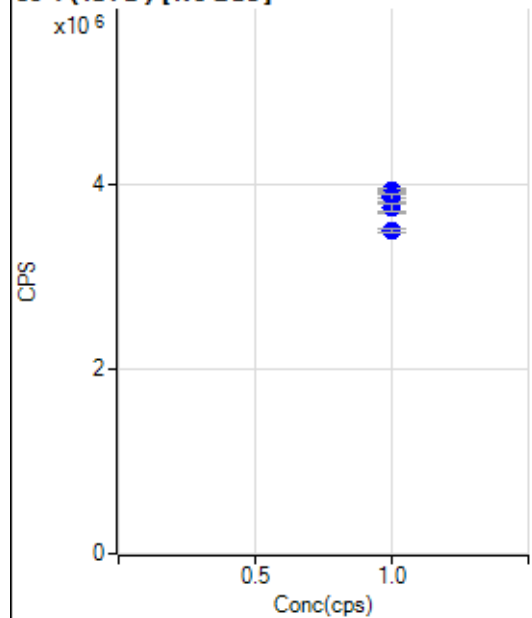
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3672723.76		M	0.7
2	☐	1.000					
3	☐	1.000		3645486.23		M	1.2
4	☐	1.000		3630332.27		M	1.5
5	☐	1.000		3614532.17		M	2.3
6	☐	1.000		3567969.60		M	2.7
7	☐	1.000		3445596.62		P	2.1
8	☐	1.000		3437352.07		M	1.9
9	☐	1.000		3168231.24		P	1.4

45 Sc (ISTD) [No Gas]

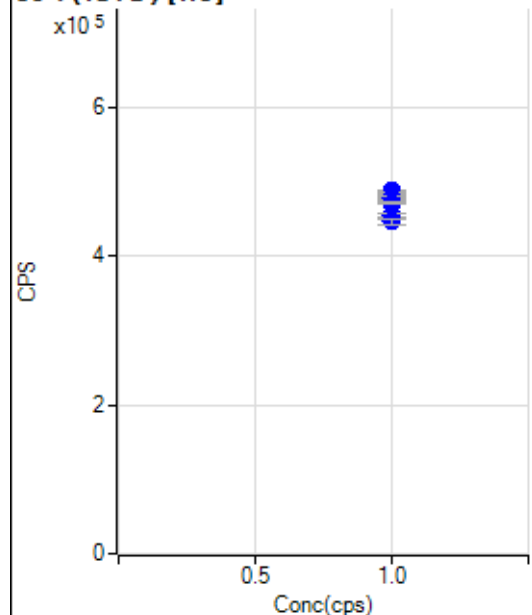
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2952432.31		P	2.3
2	☐	1.000					
3	☐	1.000		2956670.29		P	1.5
4	☐	1.000		2974083.60		P	3.2
5	☐	1.000		2926819.14		P	2.5
6	☐	1.000		2913847.38		P	2.4
7	☐	1.000		2826006.59		P	4.0
8	☐	1.000		2822091.90		P	1.8
9	☐	1.000		2644361.04		P	1.4

45 Sc (ISTD) [He]

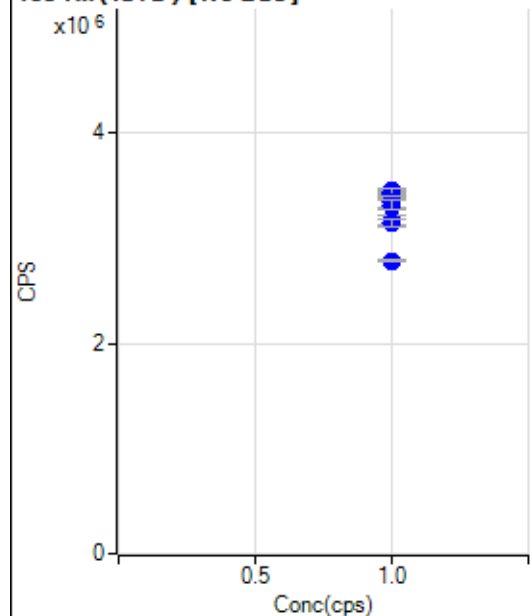
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		120157.01		P	0.4
2	☐	1.000					
3	☐	1.000		119391.94		P	1.3
4	☐	1.000		118293.94		P	0.4
5	☐	1.000		118425.15		P	0.7
6	☐	1.000		115117.51		P	1.7
7	☐	1.000		114753.44		P	0.5
8	☐	1.000		110200.34		P	0.7
9	☐	1.000		109745.32		P	2.4

89 Y (ISTD) [No Gas]

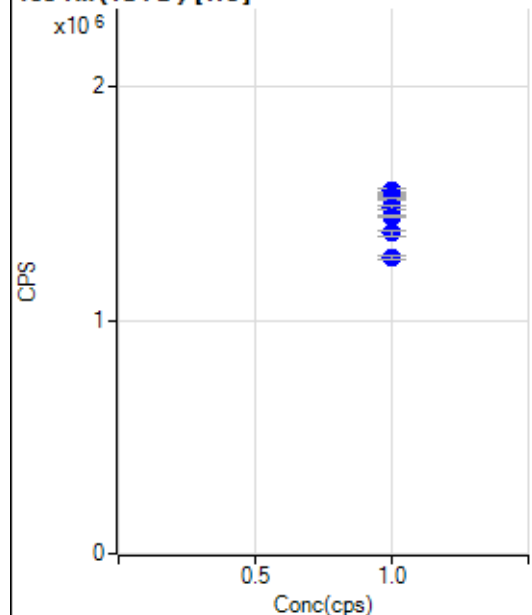
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3921123.34		P	0.7
2	☐	1.000					
3	☐	1.000		3901499.39		P	0.7
4	☐	1.000		3905084.94		P	2.7
5	☐	1.000		3864126.64		P	2.6
6	☐	1.000		3842652.44		P	2.6
7	☐	1.000		3738705.92		P	2.8
8	☐	1.000		3743221.34		P	1.9
9	☐	1.000		3492712.93		P	1.4

89 Y (ISTD) [He]

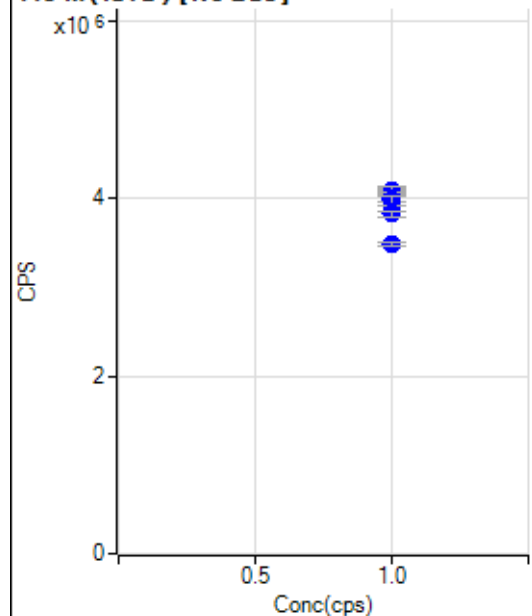
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		487054.46		P	0.7
2	☐	1.000					
3	☐	1.000		481959.21		P	1.5
4	☐	1.000		483373.93		P	0.3
5	☐	1.000		483367.34		P	0.7
6	☐	1.000		477374.41		P	1.2
7	☐	1.000		470542.22		P	0.6
8	☐	1.000		454793.76		P	1.2
9	☐	1.000		445667.22		P	1.4

103 Rh (ISTD) [No Gas]

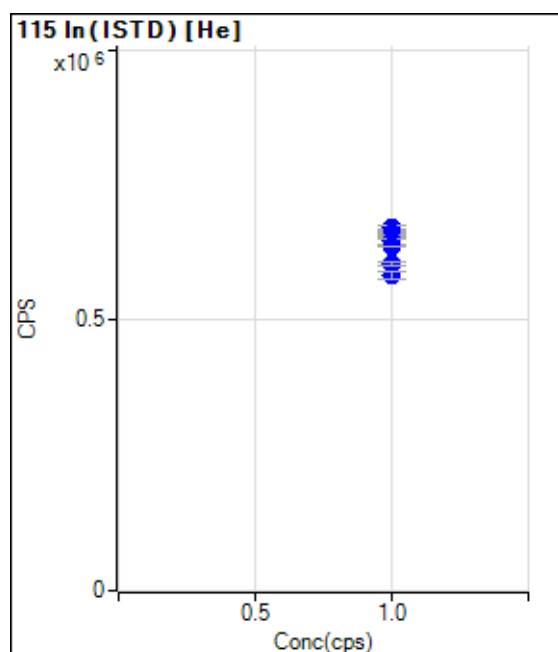
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3453235.58		P	1.0
2	☐	1.000					
3	☐	1.000		3444129.33		P	1.3
4	☐	1.000		3429838.36		P	2.5
5	☐	1.000		3350118.20		P	2.9
6	☐	1.000		3321870.10		P	2.7
7	☐	1.000		3183095.75		P	2.9
8	☐	1.000		3150474.55		P	2.0
9	☐	1.000		2787350.54		P	1.0

103 Rh (ISTD) [He]

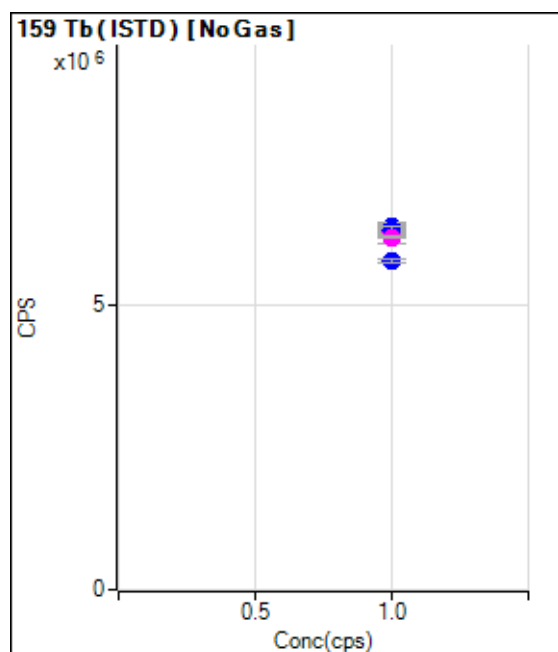
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1554350.67		P	1.2
2	☐	1.000					
3	☐	1.000		1533666.30		P	1.2
4	☐	1.000		1528512.08		P	0.1
5	☐	1.000		1517072.46		P	0.6
6	☐	1.000		1483388.22		P	1.2
7	☐	1.000		1445235.57		P	0.2
8	☐	1.000		1373328.42		P	1.5
9	☐	1.000		1269561.58		P	1.7

115 In (ISTD) [No Gas]

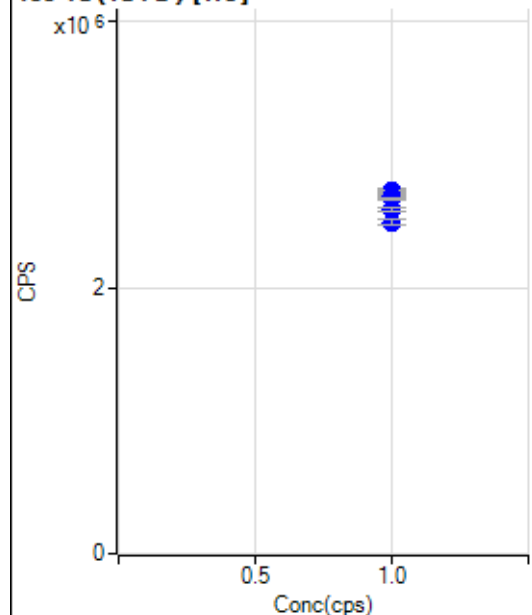
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4089694.25		P	1.3
2	☐	1.000					
3	☐	1.000		4073260.76		P	1.1
4	☐	1.000		4085647.35		P	2.6
5	☐	1.000		4018336.92		P	2.9
6	☐	1.000		3984631.71		P	2.7
7	☐	1.000		3857189.79		P	2.9
8	☐	1.000		3832257.81		P	1.7
9	☐	1.000		3489432.02		P	1.4



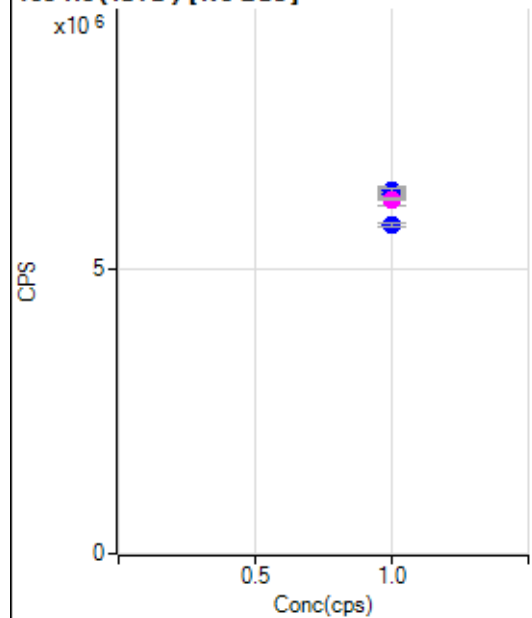
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		671168.64		P	1.0
2	☐	1.000					
3	☐	1.000		660030.27		P	1.4
4	☐	1.000		659961.52		P	0.5
5	☐	1.000		656919.11		P	0.5
6	☐	1.000		646803.12		P	1.6
7	☐	1.000		636524.15		P	0.2
8	☐	1.000		604220.13		P	1.2
9	☐	1.000		583131.63		P	2.2



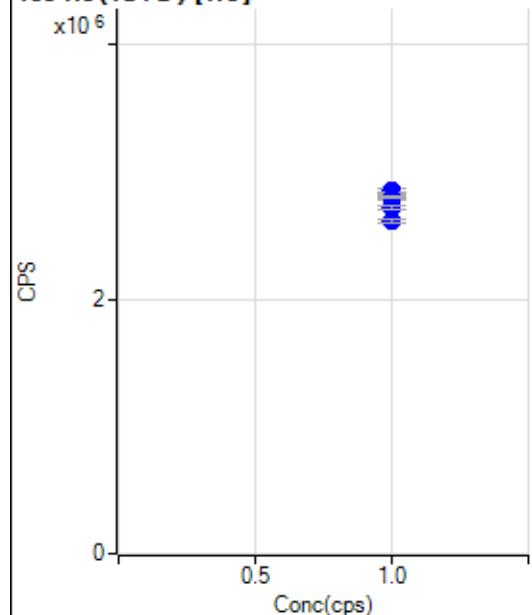
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6384385.74		P	0.9
2	☐	1.000					
3	☐	1.000		6336953.31		P	0.7
4	☐	1.000		6384955.95		P	2.5
5	☐	1.000		6284589.28		M	1.7
6	☐	1.000		6314362.69		P	2.7
7	☐	1.000		6179977.27		P	2.8
8	☐	1.000		6205158.38		M	0.4
9	☐	1.000		5780080.05		P	1.2

159 Tb (ISTD) [He]

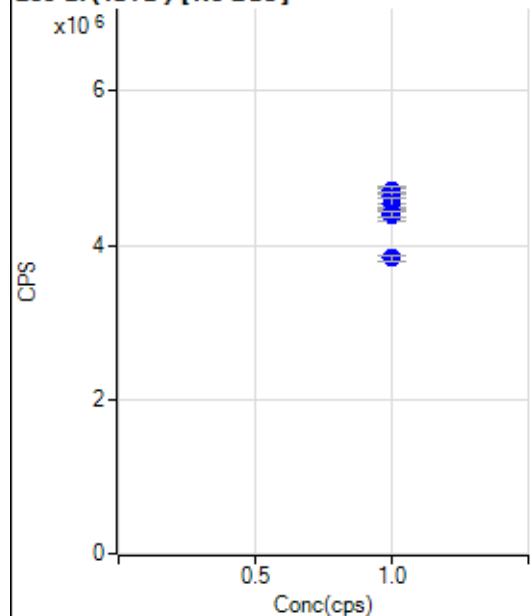
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2729259.23		P	1.3
2	☐	1.000					
3	☐	1.000		2688137.95		P	1.3
4	☐	1.000		2702881.73		P	0.7
5	☐	1.000		2721795.62		P	0.6
6	☐	1.000		2686192.77		P	1.3
7	☐	1.000		2671292.42		P	0.5
8	☐	1.000		2593593.24		P	1.2
9	☐	1.000		2494977.39		P	1.5

165 Ho (ISTD) [No Gas]

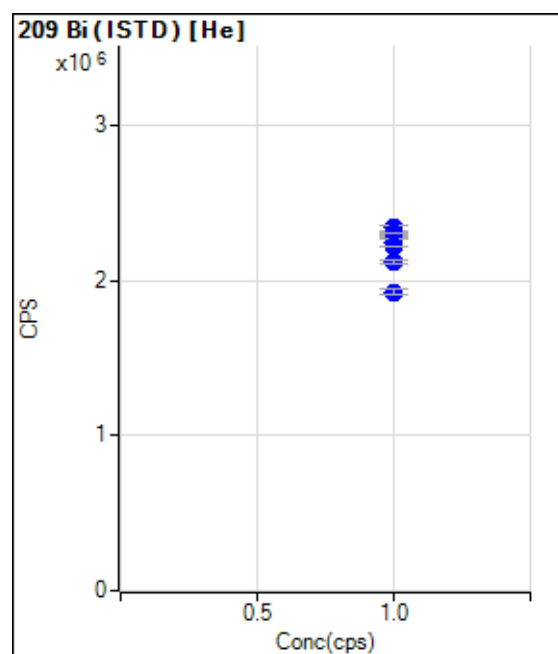
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6351646.80		P	1.1
2	☐	1.000					
3	☐	1.000		6331717.81		P	0.9
4	☐	1.000		6357701.88		P	2.9
5	☐	1.000		6270967.98		M	1.5
6	☐	1.000		6306806.30		P	2.8
7	☐	1.000		6187021.93		P	2.9
8	☐	1.000		6209636.59		M	0.7
9	☐	1.000		5776538.15		P	1.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2848285.34		P	1.1
2	☐	1.000					
3	☐	1.000		2803037.04		P	1.2
4	☐	1.000		2815972.46		P	0.7
5	☐	1.000		2834716.83		P	0.6
6	☐	1.000		2797515.17		P	1.5
7	☐	1.000		2795260.76		P	0.6
8	☐	1.000		2713404.58		P	1.1
9	☐	1.000		2607996.85		P	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4704695.03		P	1.5
2	☐	1.000					
3	☐	1.000		4645534.17		P	0.9
4	☐	1.000		4688530.69		P	2.9
5	☐	1.000		4613346.22		P	3.2
6	☐	1.000		4549486.11		P	3.1
7	☐	1.000		4390829.38		P	3.6
8	☐	1.000		4401399.66		P	1.8
9	☐	1.000		3830356.47		P	1.9



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2337368.44		P	1.3
2	☐	1.000					
3	☐	1.000		2298144.69		P	1.3
4	☐	1.000		2301975.09		P	0.6
5	☐	1.000		2304292.69		P	0.4
6	☐	1.000		2244258.87		P	1.9
7	☐	1.000		2219274.78		P	0.4
8	☐	1.000		2118539.20		P	1.3
9	☐	1.000		1922944.31		P	1.9

US EPA Tune Check Sample Report

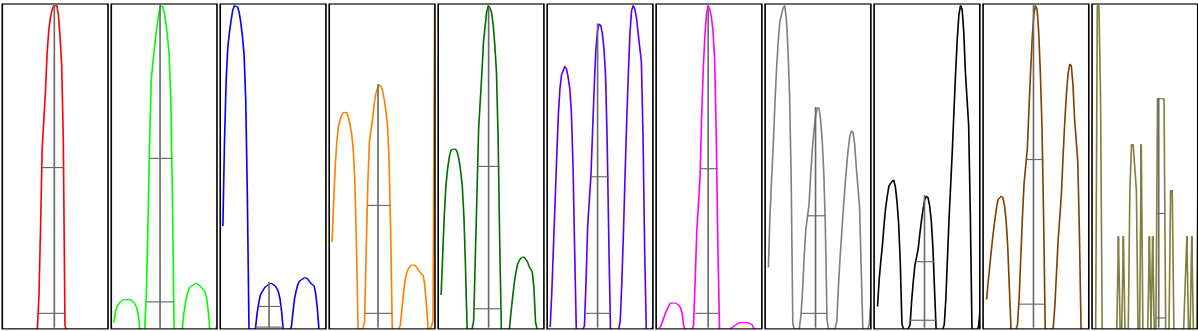
Batch Folder D:\ICP-MS Data\P7011018MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	10043	1.50	5.00	
24	484463	1.63	5.00	
25	68659	1.54	5.00	
26	76969	1.47	5.00	
59	30576	1.26	5.00	
113	3840	0.98	5.00	
115	49479	0.90	5.00	
206	16687	1.09	5.00	
207	14869	1.16	5.00	
208	35297	1.46	5.00	
220	0	15.97		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	9782	10169	10075	10088	10103
24	470440	488916	487087	488491	487381
25	66812	69493	69028	69132	68829
26	74954	77591	77390	77495	77416
59	29905	30867	30693	30781	30635
113	3790	3893	3842	3850	3823
115	49093	50157	49560	49525	49058
206	16403	16896	16771	16709	16657
207	14562	14950	14954	14953	14927
208	34382	35624	35540	35522	35415
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	16852	9.00	8.9 - 9.1		0.772	0.900	
24	782625	23.90	23.9 - 24.1		0.803	0.900	
25	110361	24.90	24.9 - 25.1		0.787	0.900	
26	124075	25.90	25.9 - 26.1		0.786	0.900	
59	53346	58.95	58.9 - 59.1		0.779	0.900	
113	7639	112.95	112.9 - 113.1		0.728	0.900	
115	98946	115.00	114.9 - 115.1		0.726	0.900	
206	33021	205.95	205.9 - 206.1		0.742	0.900	
207	29677	206.95	206.9 - 207.1		0.731	0.900	
208	71910	207.95	207.9 - 208.1		0.749	0.900	
220	0	220.40	-		0.245		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.4	V	Deflect	12.8	V
Extract 2	-110.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-60	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	140	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	7792	0.43	
89	34134	0.63	
205	13349	0.39	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	7800	7738	7823	7786	7812
89	34015	33866	34351	34078	34359
205	13350	13279	13401	13319	13395

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.8	V	Deflect	1.0	V
Extract 2	-135.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-75	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:21:58	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.00	0.00	0.00	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.02	0.00	0.02	0.00	N/A	ppb
Barium	135-1	0.01	-0.02	0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.02	0.00	-0.02	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	-0.12	0.06	0.06	0.00	N/A	ppb
Boron	11-1	-0.01	0.05	-0.05	0.00	N/A	ppb
Cadmium	111-1	-0.01	-0.06	0.07	0.00	N/A	ppb
Cadmium	106-1	-0.08	-0.84	0.91	0.00	N/A	ppb
Cadmium	108-1	-0.10	0.13	-0.02	0.00	N/A	ppb
Calcium	43-1	-1.45	0.84	0.61	0.00	N/A	ppb
Calcium	44-1	-13.23	-52.02	65.26	0.00	N/A	ppb
Chromium	52-2	0.00	0.00	0.00	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00	N/A	ppb
Copper	63-2	0.12	0.00	-0.12	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	-0.02	0.12	-0.10	0.00	N/A	ppb
Iron	57-2	0.12	-2.17	2.05	0.00	N/A	ppb
Lead	206-1	0.02	-0.02	-0.01	0.00	N/A	ppb
Lead	207-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	208-1	0.01	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	1.89	0.99	-2.88	0.00	N/A	ppb
Manganese	55-2	-0.03	0.03	-0.01	0.00	N/A	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:21:58	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.02	-0.03	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	-0.02	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.00	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.18	0.06	0.13	0.00	N/A	ppb
Phosphorus	31-2	13.19	4.75	-13.20	1.58	851.21	ppb
Potassium	39-2	0.19	-0.61	0.42	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.70	1.39	-0.70	0.00	N/A	ppb
Selenium	78-2	-0.22	-0.59	0.81	0.00	N/A	ppb
Selenium	82-1	-0.01	-0.49	0.50	0.00	N/A	ppb
Silicon	28-1	-454.56	-561.29	1015.85	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.01	-0.01	0.00	0.00	N/A	ppb
Sodium	23-2	1.32	0.10	-1.41	0.00	N/A	ppb
Strontium	86-1	0.02	0.02	-0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	N/A	ppb
Sulfur	34-1	-216.26	-795.39	838.54	-57.70		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.03	0.00	-0.02	0.00	N/A	ppb
Titanium	47-1	-0.04	-0.08	0.11	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.12	-0.03	-0.09	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00	N/A	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:21:58	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.03	0.03	0.00	0.00	N/A	ppb

LB Number : LB92554 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 12:29:55 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.26	14.96	18.72	17.31	11.86	ppb
Antimony	121-1	1.83	1.88	1.81	1.84	1.79	ppb
Arsenic	75-2	0.76	1.01	1.17	0.98	20.96	ppb
Barium	135-1	8.87	8.70	9.23	8.93	3.04	ppb
Barium	137-1	9.00	8.82	8.81	8.88	1.21	ppb
Beryllium	9-1	1.03	0.92	1.02	0.99	6.05	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	20.11	25.28	22.10	22.50	11.60	ppb
Boron	11-1	20.69	23.01	22.62	22.11	5.61	ppb
Cadmium	111-1	0.98	0.93	0.70	0.87	17.25	ppb
Cadmium	106-1	1.97	-0.32	-1.00	0.22	705.22	ppb
Cadmium	108-1	0.74	1.06	0.58	0.79	30.43	ppb
Calcium	43-1	496.53	455.56	490.14	480.74	4.59	ppb
Calcium	44-1	574.12	693.85	550.91	606.29	12.65	ppb
Chromium	52-2	2.09	2.04	1.88	2.00	5.57	ppb
Cobalt	59-2	1.08	0.96	0.98	1.00	6.41	ppb
Copper	63-2	2.01	2.00	1.79	1.94	6.51	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	48.43	46.27	48.44	47.71	2.62	ppb
Iron	57-2	56.60	45.27	46.91	49.59	12.34	ppb
Lead	206-1	0.88	0.94	0.94	0.92	3.85	ppb
Lead	207-1	0.87	0.89	0.90	0.89	1.86	ppb
Lead	208-1	0.88	0.90	0.89	0.89	0.94	ppb
Lithium	6-1						%
Magnesium	24-2	451.81	427.70	442.13	440.54	2.75	ppb
Manganese	55-2	0.82	0.94	0.83	0.86	7.74	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:29:55	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.63	4.44	4.29	4.45	3.83	ppb
Molybdenum	95-1	4.63	4.73	4.61	4.66	1.37	ppb
Molybdenum	96-1	4.43	4.23	4.38	4.35	2.40	ppb
Molybdenum	97-1	4.33	4.60	4.67	4.53	4.04	ppb
Molybdenum	98-1	4.52	4.37	4.52	4.47	1.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	0.99	0.88	0.97	9.00	ppb
Phosphorus	31-2	20.33	-9.24	-15.84	-1.58		ppb
Potassium	39-2	434.48	453.30	453.67	447.15	2.45	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.70	3.50	7.67	3.49	119.77	ppb
Selenium	78-2	3.80	3.31	2.59	3.23	18.83	ppb
Selenium	82-1	6.08	4.96	5.72	5.59	10.25	ppb
Silicon	28-1	-757.08	4.47	-801.13	-517.91		ppb
Silver	109-1	0.99	0.95	1.10	1.01	7.78	ppb
Silver	107-1	1.02	0.93	0.99	0.98	4.61	ppb
Sodium	23-2	465.61	455.37	458.28	459.75	1.15	ppb
Strontium	86-1	0.96	0.82	0.85	0.88	8.17	ppb
Strontium	88-1	0.92	0.89	0.92	0.91	1.82	ppb
Sulfur	34-1	51.63	632.21	-510.73	57.70	990.39	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.83	0.96	0.93	0.91	7.22	ppb
Thallium	205-1	0.93	0.93	0.88	0.91	3.24	ppb
Tin	118-1	4.67	4.70	4.43	4.60	3.25	ppb
Titanium	47-1	4.26	4.78	4.22	4.42	7.02	ppb
Uranium	238-1	0.87	0.92	0.86	0.88	3.82	ppb
Vanadium	51-2	4.42	4.35	4.51	4.43	1.75	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.10	1.82	1.93	1.95	7.19	ppb
Zirconium	90-1	0.83	0.78	0.82	0.81	3.14	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:29:55	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.81	1.02	0.95	0.92	11.59	ppb

LB Number : LB92554 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 12:33:45 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	997.87	1066.85	1037.26	1033.99	3.35	ppb
Antimony	121-1	48.21	49.90	51.40	49.84	3.20	ppb
Arsenic	75-2	53.49	50.93	52.99	52.47	2.58	ppb
Barium	135-1	249.18	262.74	258.94	256.96	2.72	ppb
Barium	137-1	248.15	260.10	256.56	254.94	2.41	ppb
Beryllium	9-1	51.98	52.96	52.93	52.62	1.06	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	47.29	50.96	52.69	50.31	5.48	ppb
Boron	11-1	47.81	50.88	50.85	49.85	3.54	ppb
Cadmium	111-1	51.68	53.26	54.12	53.02	2.33	ppb
Cadmium	106-1	53.16	47.57	54.35	51.69	7.00	ppb
Cadmium	108-1	49.09	53.00	55.76	52.62	6.37	ppb
Calcium	43-1	4791.65	5140.95	5122.45	5018.35	3.92	ppb
Calcium	44-1	5912.47	6436.06	6416.34	6254.96	4.74	ppb
Chromium	52-2	51.85	51.34	52.73	51.97	1.36	ppb
Cobalt	59-2	53.00	52.71	52.55	52.75	0.43	ppb
Copper	63-2	106.55	106.22	107.40	106.72	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2685.19	2716.59	2717.42	2706.40	0.68	ppb
Iron	57-2	2628.43	2723.21	2718.49	2690.04	1.99	ppb
Lead	206-1	48.41	51.55	51.44	50.47	3.53	ppb
Lead	207-1	48.60	50.88	50.54	50.01	2.47	ppb
Lead	208-1	48.10	50.67	50.56	49.77	2.92	ppb
Lithium	6-1						%
Magnesium	24-2	5100.49	5074.30	5109.13	5094.64	0.36	ppb
Manganese	55-2	104.41	104.19	102.25	103.62	1.15	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:33:45	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	244.65	256.40	253.74	251.60	2.45	ppb
Molybdenum	95-1	244.32	257.49	258.47	253.43	3.12	ppb
Molybdenum	96-1	242.65	255.84	255.35	251.28	2.98	ppb
Molybdenum	97-1	243.62	256.76	256.43	252.27	2.97	ppb
Molybdenum	98-1	242.60	254.46	254.26	250.44	2.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.45	53.32	54.21	53.66	0.90	ppb
Phosphorus	31-2	981.20	1052.36	1025.51	1019.69	3.52	ppb
Potassium	39-2	2596.83	2622.73	2657.53	2625.70	1.16	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	62.42	58.26	50.05	56.91	11.06	ppb
Selenium	78-2	51.54	55.12	50.02	52.23	5.01	ppb
Selenium	82-1	53.38	55.18	51.53	53.36	3.42	ppb
Silicon	28-1	-2252.20	-38.47	-625.49	-972.05		ppb
Silver	109-1	51.52	54.47	53.69	53.23	2.87	ppb
Silver	107-1	52.01	54.35	53.92	53.43	2.34	ppb
Sodium	23-2	5259.37	5255.79	5273.00	5262.72	0.17	ppb
Strontium	86-1	49.77	51.35	51.48	50.87	1.87	ppb
Strontium	88-1	49.65	51.83	51.89	51.12	2.50	ppb
Sulfur	34-1	-535.73	1546.20	1133.93	714.80	154.23	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	48.13	50.58	50.50	49.74	2.79	ppb
Thallium	205-1	47.64	49.69	49.68	49.01	2.41	ppb
Tin	118-1	50.31	52.88	52.76	51.98	2.79	ppb
Titanium	47-1	244.27	262.75	260.22	255.75	3.92	ppb
Uranium	238-1	47.42	49.97	49.79	49.06	2.90	ppb
Vanadium	51-2	51.29	51.31	51.78	51.46	0.54	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	107.60	108.21	107.37	107.73	0.40	ppb
Zirconium	90-1	47.61	49.86	50.52	49.33	3.09	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:33:45	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.12	51.19	51.05	50.45	2.30	ppb

LB Number : LB92554 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 12:37:35 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2465.01	2427.56	2474.71	2455.76	1.01	ppb
Antimony	121-1	126.27	130.22	127.05	127.85	1.64	ppb
Arsenic	75-2	121.60	125.77	126.34	124.57	2.08	ppb
Barium	135-1	618.65	639.76	626.53	628.31	1.70	ppb
Barium	137-1	622.05	646.26	631.61	633.31	1.92	ppb
Beryllium	9-1	126.01	132.47	130.92	129.80	2.60	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	122.98	128.64	126.50	126.04	2.27	ppb
Boron	11-1	117.90	128.21	125.55	123.89	4.32	ppb
Cadmium	111-1	129.19	134.65	131.81	131.88	2.07	ppb
Cadmium	106-1	131.62	125.30	130.13	129.02	2.56	ppb
Cadmium	108-1	127.06	132.84	130.11	130.00	2.23	ppb
Calcium	43-1	11996.78	12911.92	12346.30	12418.33	3.72	ppb
Calcium	44-1	14961.45	16004.20	15595.56	15520.40	3.39	ppb
Chromium	52-2	126.24	124.54	124.30	125.03	0.85	ppb
Cobalt	59-2	127.75	126.87	125.73	126.79	0.80	ppb
Copper	63-2	255.11	254.68	257.55	255.78	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6615.02	6524.73	6563.46	6567.74	0.69	ppb
Iron	57-2	6507.73	6359.99	6560.91	6476.21	1.61	ppb
Lead	206-1	120.47	128.99	124.52	124.66	3.42	ppb
Lead	207-1	120.74	128.08	125.12	124.64	2.96	ppb
Lead	208-1	119.57	127.83	123.84	123.75	3.34	ppb
Lithium	6-1						%
Magnesium	24-2	12367.50	12250.77	12284.61	12300.96	0.49	ppb
Manganese	55-2	251.20	248.66	249.56	249.81	0.52	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:37:35	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	601.98	633.33	626.53	620.62	2.66	ppb
Molybdenum	95-1	606.39	641.01	623.93	623.78	2.78	ppb
Molybdenum	96-1	606.12	637.99	626.73	623.61	2.59	ppb
Molybdenum	97-1	609.09	637.76	630.44	625.76	2.38	ppb
Molybdenum	98-1	603.11	634.36	624.16	620.55	2.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.08	127.63	128.21	128.31	0.57	ppb
Phosphorus	31-2	2395.17	2503.60	2618.41	2505.72	4.46	ppb
Potassium	39-2	6294.43	6253.68	6219.52	6255.87	0.60	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	122.22	126.13	149.87	132.74	11.27	ppb
Selenium	78-2	115.13	131.94	129.10	125.39	7.17	ppb
Selenium	82-1	121.34	135.60	129.19	128.71	5.55	ppb
Silicon	28-1	-1920.13	-14.18	-1144.55	-1026.29		ppb
Silver	109-1	129.63	132.50	129.36	130.50	1.33	ppb
Silver	107-1	128.33	133.35	129.58	130.42	2.00	ppb
Sodium	23-2	12783.87	12722.45	12803.33	12769.88	0.33	ppb
Strontium	86-1	123.13	130.00	129.03	127.39	2.92	ppb
Strontium	88-1	121.87	129.67	126.58	126.04	3.11	ppb
Sulfur	34-1	1234.52	2506.42	1889.58	1876.84	33.89	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	118.70	127.26	123.21	123.06	3.48	ppb
Thallium	205-1	118.34	126.70	123.30	122.78	3.42	ppb
Tin	118-1	126.28	131.05	129.00	128.78	1.86	ppb
Titanium	47-1	617.24	648.92	636.65	634.27	2.52	ppb
Uranium	238-1	118.55	127.09	121.85	122.50	3.52	ppb
Vanadium	51-2	124.48	122.80	123.59	123.62	0.68	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	260.48	255.62	259.72	258.61	1.01	ppb
Zirconium	90-1	120.51	128.26	125.43	124.74	3.14	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:37:35	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	122.88	129.88	126.44	126.40	2.77	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:41:25	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5214.80	5008.89	4980.06	5067.92	2.53	ppb
Antimony	121-1	245.74	257.77	256.78	253.43	2.63	ppb
Arsenic	75-2	261.32	249.58	253.46	254.78	2.35	ppb
Barium	135-1	1210.09	1279.65	1258.84	1249.53	2.86	ppb
Barium	137-1	1209.01	1289.90	1268.43	1255.78	3.34	ppb
Beryllium	9-1	250.20	261.65	257.89	256.58	2.27	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	239.64	259.08	262.60	253.77	4.87	ppb
Boron	11-1	241.42	260.72	257.60	253.25	4.09	ppb
Cadmium	111-1	250.00	264.06	262.14	258.74	2.95	ppb
Cadmium	106-1	247.59	262.28	257.32	255.73	2.92	ppb
Cadmium	108-1	250.52	261.62	260.83	257.66	2.40	ppb
Calcium	43-1	23686.65	25224.32	24687.42	24532.80	3.18	ppb
Calcium	44-1	30121.30	31756.79	31034.84	30970.98	2.65	ppb
Chromium	52-2	264.45	250.86	251.02	255.45	3.05	ppb
Cobalt	59-2	264.89	253.87	255.24	258.00	2.33	ppb
Copper	63-2	530.13	514.12	510.79	518.34	1.99	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	13721.76	13134.67	13190.24	13348.89	2.43	ppb
Iron	57-2	13469.72	12892.25	13002.96	13121.64	2.34	ppb
Lead	206-1	241.55	255.21	250.55	249.10	2.79	ppb
Lead	207-1	241.78	254.61	250.80	249.06	2.64	ppb
Lead	208-1	239.50	253.83	249.58	247.64	2.97	ppb
Lithium	6-1						%
Magnesium	24-2	25956.29	24942.94	24918.02	25272.42	2.34	ppb
Manganese	55-2	527.99	507.80	506.02	513.94	2.37	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:41:25	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1212.07	1270.68	1254.78	1245.85	2.43	ppb
Molybdenum	95-1	1221.31	1280.29	1255.35	1252.32	2.36	ppb
Molybdenum	96-1	1211.47	1276.14	1264.30	1250.64	2.75	ppb
Molybdenum	97-1	1214.62	1276.49	1262.77	1251.29	2.60	ppb
Molybdenum	98-1	1214.60	1278.56	1254.06	1249.07	2.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	264.48	258.80	258.03	260.44	1.35	ppb
Phosphorus	31-2	5053.18	4888.62	5236.52	5059.44	3.44	ppb
Potassium	39-2	13257.23	12775.28	12688.39	12906.97	2.37	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	239.33	257.19	241.87	246.13	3.93	ppb
Selenium	78-2	246.15	254.83	238.96	246.65	3.22	ppb
Selenium	82-1	253.79	266.50	259.92	260.07	2.45	ppb
Silicon	28-1	-1389.00	505.40	-500.32	-461.31		ppb
Silver	109-1	248.00	263.07	262.11	257.73	3.27	ppb
Silver	107-1	249.11	264.08	259.36	257.52	2.97	ppb
Sodium	23-2	26697.04	25576.75	25680.53	25984.77	2.38	ppb
Strontium	86-1	245.15	257.01	254.93	252.36	2.51	ppb
Strontium	88-1	245.59	256.54	255.46	252.53	2.39	ppb
Sulfur	34-1	2944.78	4875.43	4199.49	4006.57	24.45	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	239.71	253.67	248.88	247.42	2.87	ppb
Thallium	205-1	239.58	255.32	248.79	247.90	3.19	ppb
Tin	118-1	247.21	259.13	258.23	254.86	2.60	ppb
Titanium	47-1	1236.93	1288.93	1268.91	1264.92	2.07	ppb
Uranium	238-1	243.02	257.44	250.95	250.47	2.88	ppb
Vanadium	51-2	260.00	252.51	249.25	253.92	2.17	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	532.86	518.25	514.81	521.98	1.84	ppb
Zirconium	90-1	241.38	254.91	249.48	248.59	2.74	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:41:25	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	242.79	256.53	253.04	250.79	2.85	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:45:11	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9857.46	9943.03	9889.12	9896.54	0.44	ppb
Antimony	121-1	493.02	508.76	529.10	510.29	3.54	ppb
Arsenic	75-2	496.65	501.11	506.33	501.36	0.97	ppb
Barium	135-1	2450.31	2529.55	2618.52	2532.79	3.32	ppb
Barium	137-1	2469.23	2542.94	2631.71	2547.96	3.19	ppb
Beryllium	9-1	507.30	515.04	531.36	517.90	2.37	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	493.16	510.26	528.44	510.62	3.46	ppb
Boron	11-1	490.06	509.00	527.42	508.83	3.67	ppb
Cadmium	111-1	504.29	518.19	531.80	518.09	2.66	ppb
Cadmium	106-1	501.79	514.08	539.09	518.32	3.67	ppb
Cadmium	108-1	511.30	518.30	531.26	520.29	1.95	ppb
Calcium	43-1	48199.69	49745.73	52151.54	50032.32	3.98	ppb
Calcium	44-1	48480.34	50192.93	52862.33	50511.87	4.37	ppb
Chromium	52-2	493.98	498.40	496.18	496.19	0.45	ppb
Cobalt	59-2	496.28	501.02	498.74	498.68	0.48	ppb
Copper	63-2	992.56	1004.41	1000.36	999.11	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25777.83	25837.48	25741.62	25785.64	0.19	ppb
Iron	57-2	25253.34	25534.73	25496.62	25428.23	0.60	ppb
Lead	206-1	492.70	509.91	533.96	512.19	4.05	ppb
Lead	207-1	491.99	508.75	531.82	510.86	3.91	ppb
Lead	208-1	490.71	505.84	529.09	508.55	3.80	ppb
Lithium	6-1						%
Magnesium	24-2	49225.20	49525.72	49114.45	49288.46	0.43	ppb
Manganese	55-2	991.87	1000.86	993.20	995.31	0.49	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:45:11	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2472.20	2517.15	2614.66	2534.67	2.87	ppb
Molybdenum	95-1	2483.27	2536.23	2636.93	2552.14	3.06	ppb
Molybdenum	96-1	2489.18	2553.50	2639.27	2560.65	2.94	ppb
Molybdenum	97-1	2485.61	2540.41	2629.58	2551.87	2.85	ppb
Molybdenum	98-1	2482.86	2544.08	2651.20	2559.38	3.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.00	503.11	500.27	501.13	0.34	ppb
Phosphorus	31-2	10254.33	9885.85	9992.95	10044.37	1.89	ppb
Potassium	39-2	25244.58	25294.62	25322.96	25287.39	0.16	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	488.01	452.14	443.42	461.19	5.12	ppb
Selenium	78-2	486.34	497.51	508.33	497.39	2.21	ppb
Selenium	82-1	506.71	515.83	537.47	520.00	3.04	ppb
Silicon	28-1	-434.27	625.61	2571.42	920.92	165.53	ppb
Silver	109-1	502.36	515.27	530.23	515.96	2.70	ppb
Silver	107-1	499.70	513.14	530.49	514.44	3.00	ppb
Sodium	23-2	50866.91	51208.43	50527.10	50867.48	0.67	ppb
Strontium	86-1	496.91	507.27	527.71	510.63	3.07	ppb
Strontium	88-1	497.30	511.17	529.64	512.71	3.16	ppb
Sulfur	34-1	8856.42	10239.53	12675.36	10590.44	18.26	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	491.71	505.68	529.01	508.80	3.70	ppb
Thallium	205-1	494.46	510.83	532.03	512.44	3.68	ppb
Tin	118-1	495.71	513.29	527.08	512.03	3.07	ppb
Titanium	47-1	2464.66	2543.54	2675.25	2561.15	4.15	ppb
Uranium	238-1	493.55	506.77	531.43	510.58	3.77	ppb
Vanadium	51-2	494.85	494.60	491.18	493.54	0.42	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1002.28	1001.83	998.57	1000.89	0.20	ppb
Zirconium	90-1	492.49	504.22	526.45	507.72	3.40	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:45:11	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	493.43	508.48	530.94	510.95	3.69	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:48:55	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19550.17	20171.45	19921.89	19881.17	1.57	ppb
Antimony	121-1	996.89	983.21	1000.84	993.65	0.93	ppb
Arsenic	75-2	981.41	1014.24	998.51	998.05	1.65	ppb
Barium	135-1	5002.60	4934.74	5011.55	4982.96	0.84	ppb
Barium	137-1	4952.24	4993.47	4974.16	4973.29	0.41	ppb
Beryllium	9-1	968.48	988.75	1008.79	988.67	2.04	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	945.18	997.55	1038.26	993.66	4.70	ppb
Boron	11-1	954.71	1005.67	1024.60	994.99	3.63	ppb
Cadmium	111-1	983.85	983.24	996.18	987.76	0.74	ppb
Cadmium	106-1	989.91	985.94	990.61	988.82	0.25	ppb
Cadmium	108-1	995.01	975.10	991.45	987.18	1.08	ppb
Calcium	43-1	95938.03	95891.47	98663.77	96831.09	1.64	ppb
Calcium	44-1	96660.23	97476.39	100360.82	98165.81	1.98	ppb
Chromium	52-2	986.09	1011.65	1003.59	1000.44	1.31	ppb
Cobalt	59-2	984.11	1006.34	1004.45	998.30	1.23	ppb
Copper	63-2	1973.82	2016.85	1993.74	1994.80	1.08	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	51377.07	52529.95	51965.68	51957.56	1.11	ppb
Iron	57-2	51105.09	51955.89	51669.93	51576.97	0.84	ppb
Lead	206-1	974.04	995.24	1013.16	994.15	1.97	ppb
Lead	207-1	976.82	998.00	1009.73	994.85	1.68	ppb
Lead	208-1	978.15	998.10	1013.21	996.48	1.76	ppb
Lithium	6-1						%
Magnesium	24-2	97715.19	100136.81	99341.24	99064.42	1.25	ppb
Manganese	55-2	1970.19	2022.19	2003.73	1998.70	1.32	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:48:55	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4882.30	5004.24	5065.97	4984.17	1.88	ppb
Molybdenum	95-1	4860.12	5000.28	5059.59	4973.33	2.06	ppb
Molybdenum	96-1	4869.80	4989.64	5049.43	4969.63	1.84	ppb
Molybdenum	97-1	4883.99	5001.30	5035.32	4973.54	1.60	ppb
Molybdenum	98-1	4883.77	4976.75	5052.71	4971.08	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	988.80	1005.74	994.16	996.23	0.87	ppb
Phosphorus	31-2	19537.64	20237.85	20108.27	19961.25	1.87	ppb
Potassium	39-2	50408.73	51470.64	51216.92	51032.10	1.09	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	986.85	1069.16	1001.20	1019.07	4.31	ppb
Selenium	78-2	986.89	1007.61	1011.48	1001.99	1.32	ppb
Selenium	82-1	957.98	994.21	1008.35	986.85	2.63	ppb
Silicon	28-1	697.83	723.06	2082.09	1167.66	67.83	ppb
Silver	109-1	987.52	985.49	994.72	989.24	0.49	ppb
Silver	107-1	990.13	985.69	994.33	990.05	0.44	ppb
Sodium	23-2	100868.96	103164.40	102040.77	102024.71	1.13	ppb
Strontium	86-1	975.99	998.47	1006.80	993.75	1.60	ppb
Strontium	88-1	971.55	998.01	1008.92	992.83	1.94	ppb
Sulfur	34-1	19426.90	19586.03	21122.95	20045.29	4.67	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	979.92	994.25	1015.34	996.50	1.79	ppb
Thallium	205-1	974.09	993.16	1016.64	994.63	2.14	ppb
Tin	118-1	993.59	986.19	996.83	992.20	0.55	ppb
Titanium	47-1	4910.66	4942.61	5039.48	4964.25	1.35	ppb
Uranium	238-1	976.34	994.83	1013.69	994.95	1.88	ppb
Vanadium	51-2	985.93	1017.64	1003.48	1002.35	1.58	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1975.50	2011.82	1990.47	1992.60	0.92	ppb
Zirconium	90-1	977.43	1001.17	1011.07	996.56	1.73	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:48:55	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	973.86	996.37	1012.16	994.13	1.94	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:52:39	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102235.81	99358.50	98500.14	100031.48	1.96	ppb
Antimony	121-1	2.67	2.88	2.53	2.69	6.52	ppb
Arsenic	75-2	0.37	0.50	0.59	0.49	22.69	ppb
Barium	135-1	1.71	1.82	1.85	1.79	3.95	ppb
Barium	137-1	2.04	1.51	1.68	1.74	15.53	ppb
Beryllium	9-1	1.35	1.20	1.21	1.25	6.82	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	43.95	37.55	32.03	37.84	15.77	ppb
Boron	11-1	40.71	36.40	32.60	36.57	11.09	ppb
Cadmium	111-1	0.22	0.15	0.04	0.14	66.20	ppb
Cadmium	106-1	0.41	-0.22	-0.93	-0.25		ppb
Cadmium	108-1	0.49	0.50	0.40	0.47	11.81	ppb
Calcium	43-1	502810.60	507975.55	491181.21	500655.79	1.72	ppb
Calcium	44-1	502468.21	506278.49	491040.11	499928.94	1.59	ppb
Chromium	52-2	8.68	8.80	8.54	8.67	1.53	ppb
Cobalt	59-2	1.19	1.21	1.10	1.17	4.89	ppb
Copper	63-2	2.69	2.20	2.42	2.43	10.14	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	256009.21	247399.98	245023.22	249477.47	2.32	ppb
Iron	57-2	255854.50	248454.49	244500.44	249603.15	2.31	ppb
Lead	206-1	2.06	2.15	2.01	2.07	3.34	ppb
Lead	207-1	1.82	1.94	1.97	1.91	4.24	ppb
Lead	208-1	1.96	2.00	1.93	1.97	1.83	ppb
Lithium	6-1						%
Magnesium	24-2	511470.55	498093.82	491181.85	500248.74	2.06	ppb
Manganese	55-2	5.01	4.52	4.78	4.77	5.16	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:52:39	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.95	3.00	2.60	2.85	7.71	ppb
Molybdenum	95-1	3.87	3.78	3.63	3.76	3.29	ppb
Molybdenum	96-1	3.73	3.58	3.36	3.56	5.32	ppb
Molybdenum	97-1	3.70	3.77	3.37	3.62	5.89	ppb
Molybdenum	98-1	3.82	3.57	3.25	3.55	8.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.42	4.43	5.03	4.96	10.12	ppb
Phosphorus	31-2	-4.68	0.04	-43.19	-15.94		ppb
Potassium	39-2	255711.76	247926.92	245590.91	249743.20	2.12	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.25	-0.70	-0.70	1.62	247.55	ppb
Selenium	78-2	1.87	0.28	1.78	1.31	67.90	ppb
Selenium	82-1	0.74	1.41	1.11	1.09	30.91	ppb
Silicon	28-1	1312.88	1980.46	825.59	1372.98	42.23	ppb
Silver	109-1	0.10	0.11	0.09	0.10	7.59	ppb
Silver	107-1	0.09	0.09	0.09	0.09	2.51	ppb
Sodium	23-2	511882.98	496580.39	489885.84	499449.74	2.26	ppb
Strontium	86-1	33.47	34.61	32.40	33.49	3.31	ppb
Strontium	88-1	33.81	33.87	32.37	33.35	2.54	ppb
Sulfur	34-1	1070.25	1363.60	423.50	952.45	50.50	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.42	0.43	0.34	0.40	12.16	ppb
Thallium	205-1	0.43	0.39	0.36	0.40	8.45	ppb
Tin	118-1	1.42	1.36	1.26	1.35	5.91	ppb
Titanium	47-1	1.93	1.86	1.77	1.85	4.40	ppb
Uranium	238-1	0.11	0.12	0.10	0.11	10.08	ppb
Vanadium	51-2	0.25	0.25	0.21	0.24	7.97	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5.61	5.85	5.46	5.64	3.52	ppb
Zirconium	90-1	0.24	0.32	0.30	0.28	14.02	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:52:39	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.33	0.24	0.27	19.45	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:06:04	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	514.06	546.46	497.47	519.33	4.80	ppb
Antimony	121-1	198.71	201.10	204.48	201.43	1.44	ppb
Arsenic	75-2	199.75	211.49	202.24	204.49	3.02	ppb
Barium	135-1	100.76	103.18	104.13	102.69	1.69	ppb
Barium	137-1	99.84	101.23	104.39	101.82	2.29	ppb
Beryllium	9-1	100.08	103.11	103.18	102.12	1.73	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	539.35	543.15	557.38	546.63	1.74	ppb
Boron	11-1	537.04	546.06	564.23	549.11	2.52	ppb
Cadmium	111-1	111.71	111.54	112.18	111.81	0.29	ppb
Cadmium	106-1	221.33	218.17	221.30	220.27	0.82	ppb
Cadmium	108-1	168.62	166.42	165.62	166.89	0.93	ppb
Calcium	43-1	2171.48	2174.17	2170.39	2172.01	0.09	ppb
Calcium	44-1	2503.59	2530.93	2565.18	2533.23	1.22	ppb
Chromium	52-2	100.73	103.18	98.87	100.93	2.14	ppb
Cobalt	59-2	105.51	107.24	103.31	105.35	1.87	ppb
Copper	63-2	106.35	109.13	104.50	106.66	2.19	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	1065.42	1112.16	1055.22	1077.60	2.82	ppb
Iron	57-2	1092.23	1139.61	1071.54	1101.13	3.17	ppb
Lead	206-1	202.45	206.50	207.24	205.40	1.25	ppb
Lead	207-1	193.93	198.78	197.55	196.75	1.28	ppb
Lead	208-1	196.96	200.04	200.81	199.27	1.02	ppb
Lithium	6-1						%
Magnesium	24-2	1151.09	1194.03	1142.15	1162.43	2.39	ppb
Manganese	55-2	101.04	105.11	98.97	101.71	3.07	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:06:04	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1135.95	1144.20	1159.09	1146.41	1.02	ppb
Molybdenum	95-1	494.97	496.49	502.23	497.90	0.77	ppb
Molybdenum	96-1	571.79	577.18	586.19	578.39	1.26	ppb
Molybdenum	97-1	493.23	493.52	504.71	497.16	1.32	ppb
Molybdenum	98-1	491.04	495.86	501.84	496.25	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.53	109.34	103.49	106.12	2.80	ppb
Phosphorus	31-2	40.22	-21.10	-9.16	3.32	979.39	ppb
Potassium	39-2	2028.05	2095.93	2008.00	2043.99	2.25	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	258.17	205.33	168.42	210.64	21.41	ppb
Selenium	78-2	212.22	203.06	215.31	210.19	3.03	ppb
Selenium	82-1	213.35	208.59	213.01	211.65	1.26	ppb
Silicon	28-1	-1816.06	-1205.30	-993.91	-1338.43		ppb
Silver	109-1	104.54	105.62	105.76	105.31	0.63	ppb
Silver	107-1	104.78	105.17	106.18	105.38	0.69	ppb
Sodium	23-2	2076.97	2144.63	2052.56	2091.39	2.28	ppb
Strontium	86-1	506.52	506.92	512.20	508.55	0.62	ppb
Strontium	88-1	509.88	512.71	518.26	513.62	0.83	ppb
Sulfur	34-1	-1927.84	-1494.74	-1310.29	-1577.62		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	202.01	204.44	206.75	204.40	1.16	ppb
Thallium	205-1	202.10	206.85	205.55	204.83	1.20	ppb
Tin	118-1	505.82	510.24	519.65	511.90	1.38	ppb
Titanium	47-1	504.52	508.69	511.93	508.38	0.73	ppb
Uranium	238-1	495.67	505.43	508.41	503.17	1.32	ppb
Vanadium	51-2	99.32	102.16	98.84	100.11	1.79	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	220.87	228.70	221.44	223.67	1.95	ppb
Zirconium	90-1	517.56	519.71	529.22	522.16	1.19	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:06:04	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	518.06	531.16	533.38	527.53	1.57	ppb

LB Number : LB92554 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 13:30:08 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.03	-0.16	-0.17	-0.10		ppb
Antimony	121-1	0.12	0.10	0.12	0.11	13.33	ppb
Arsenic	75-2	-0.02	0.05	-0.02	0.00	3052.59	ppb
Barium	135-1	0.06	-0.01	0.04	0.03	121.18	ppb
Barium	137-1	0.02	0.01	0.03	0.02	30.67	ppb
Beryllium	9-1	0.11	0.15	0.17	0.14	22.91	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.54	2.29	2.59	2.47	6.39	ppb
Boron	11-1	2.27	2.36	2.49	2.37	4.55	ppb
Cadmium	111-1	0.14	0.07	0.09	0.10	33.71	ppb
Cadmium	106-1	1.53	0.89	0.88	1.10	33.90	ppb
Cadmium	108-1	-0.10	-0.02	-0.18	-0.10		ppb
Calcium	43-1	4.98	-0.76	-5.96	-0.58		ppb
Calcium	44-1	-115.23	-100.58	-167.44	-127.75		ppb
Chromium	52-2	0.00	0.01	-0.02	0.00		ppb
Cobalt	59-2	0.02	0.03	0.01	0.02	47.27	ppb
Copper	63-2	0.05	0.03	0.11	0.06	59.00	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	3.43	3.78	3.78	3.66	5.50	ppb
Iron	57-2	0.76	6.36	3.37	3.50	80.17	ppb
Lead	206-1	0.01	0.03	0.02	0.02	35.31	ppb
Lead	207-1	0.03	0.00	0.00	0.01	150.89	ppb
Lead	208-1	0.01	0.02	0.01	0.01	25.96	ppb
Lithium	6-1						%
Magnesium	24-2	-31.42	-34.46	-33.84	-33.24		ppb
Manganese	55-2	0.03	0.07	0.01	0.04	79.25	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:30:08	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	0.08	0.01	0.02	229.47	ppb
Molybdenum	95-1	0.02	0.07	0.11	0.07	65.20	ppb
Molybdenum	96-1	0.06	0.04	0.06	0.05	22.25	ppb
Molybdenum	97-1	0.10	0.07	0.04	0.07	46.45	ppb
Molybdenum	98-1	0.06	0.06	0.06	0.06	4.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.28	-0.20	-0.34	-0.27		ppb
Phosphorus	31-2	-33.79	2.03	46.58	4.94	814.98	ppb
Potassium	39-2	19.21	20.48	17.38	19.02	8.18	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.70	-0.70	-0.70	-0.70		ppb
Selenium	78-2	-0.53	0.96	0.18	0.20	367.59	ppb
Selenium	82-1	0.39	-0.41	0.35	0.11	405.92	ppb
Silicon	28-1	-1399.16	-980.48	-1881.73	-1420.46		ppb
Silver	109-1	-0.01	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	24.81	21.12	21.01	22.31	9.69	ppb
Strontium	86-1	-0.02	0.04	0.08	0.03	142.98	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	750.12	ppb
Sulfur	34-1	-395.99	-275.69	-699.91	-457.20		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.00	0.00	186.69	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	61.15	ppb
Tin	118-1	0.04	0.09	0.05	0.06	45.06	ppb
Titanium	47-1	0.01	-0.09	-0.07	-0.05		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	332.45	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.00	-0.17	-0.15	-0.10		ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	33.43	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:30:08	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.04	0.04	0.03	49.21	ppb

LB Number : LB92554 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 13:33:40 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92481.61	115247.00	94697.83	100808.82	12.45	ppb
Antimony	121-1	1.20	1.07	1.21	1.16	6.45	ppb
Arsenic	75-2	0.29	0.36	0.22	0.29	25.91	ppb
Barium	135-1	1.45	1.54	1.74	1.58	9.35	ppb
Barium	137-1	1.63	1.46	1.49	1.53	5.76	ppb
Beryllium	9-1	0.37	0.37	0.31	0.35	9.41	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.41	3.72	4.22	3.78	10.81	ppb
Boron	11-1	3.22	3.22	3.14	3.19	1.34	ppb
Cadmium	111-1	0.73	0.62	1.14	0.83	32.68	ppb
Cadmium	106-1	-1.54	-1.96	-1.93	-1.81		ppb
Cadmium	108-1	26.86	27.59	24.87	26.44	5.32	ppb
Calcium	43-1	99987.35	98128.23	95085.00	97733.53	2.53	ppb
Calcium	44-1	101273.80	99535.74	96563.51	99124.35	2.40	ppb
Chromium	52-2	19.22	23.68	20.16	21.02	11.20	ppb
Cobalt	59-2	1.10	1.44	1.22	1.25	13.75	ppb
Copper	63-2	8.15	10.02	8.43	8.87	11.35	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	100693.97	125303.00	103388.71	109795.22	12.29	ppb
Iron	57-2	99748.90	124802.12	103228.96	109259.99	12.42	ppb
Lead	206-1	6.51	6.25	5.93	6.23	4.62	ppb
Lead	207-1	5.70	5.19	5.31	5.40	4.94	ppb
Lead	208-1	5.96	5.59	5.50	5.68	4.33	ppb
Lithium	6-1						%
Magnesium	24-2	96691.36	120418.13	99206.46	105438.65	12.36	ppb
Manganese	55-2	8.09	9.89	7.78	8.59	13.27	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:33:40	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1347.41	1334.81	1320.52	1334.25	1.01	ppb
Molybdenum	95-1	1980.41	1950.10	1914.81	1948.44	1.68	ppb
Molybdenum	96-1	1906.07	1872.40	1834.79	1871.09	1.91	ppb
Molybdenum	97-1	1977.76	1951.23	1904.10	1944.36	1.92	ppb
Molybdenum	98-1	1976.15	1941.28	1922.54	1946.66	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.06	4.89	3.92	4.29	12.22	ppb
Phosphorus	31-2	96961.58	120206.23	99514.88	105560.90	12.08	ppb
Potassium	39-2	98362.96	123474.80	101235.62	107691.12	12.76	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.70	-0.70	-0.70	-0.70		ppb
Selenium	78-2	2.17	3.62	0.32	2.03	81.29	ppb
Selenium	82-1	0.50	0.68	0.76	0.65	20.59	ppb
Silicon	28-1	1541.81	1473.12	610.21	1208.38	42.96	ppb
Silver	109-1	0.05	0.09	0.09	0.07	26.49	ppb
Silver	107-1	0.05	0.10	0.10	0.08	32.94	ppb
Sodium	23-2	99885.50	125056.99	102447.66	109130.05	12.69	ppb
Strontium	86-1	33.44	34.40	32.52	33.45	2.80	ppb
Strontium	88-1	34.41	33.98	33.37	33.92	1.54	ppb
Sulfur	34-1	108106.92	105610.31	101429.00	105048.74	3.21	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.24	0.22	0.16	0.21	19.96	ppb
Thallium	205-1	0.24	0.23	0.19	0.22	10.24	ppb
Tin	118-1	0.21	0.16	0.21	0.19	14.69	ppb
Titanium	47-1	2124.92	2093.42	2030.62	2082.99	2.30	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	24.47	ppb
Vanadium	51-2	0.16	0.19	0.19	0.18	9.84	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	12.44	15.35	12.64	13.48	12.05	ppb
Zirconium	90-1	0.24	0.24	0.19	0.22	13.52	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:33:40	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.23	0.21	0.18	0.21	11.91	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:37:12	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93677.77	95236.15	93076.72	93996.88	1.19	ppb
Antimony	121-1	21.29	20.14	20.43	20.62	2.91	ppb
Arsenic	75-2	19.68	19.22	20.04	19.65	2.10	ppb
Barium	135-1	22.24	21.49	20.88	21.54	3.17	ppb
Barium	137-1	22.41	21.84	20.89	21.72	3.53	ppb
Beryllium	9-1	21.02	20.67	20.78	20.83	0.87	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	63.55	60.10	62.81	62.15	2.92	ppb
Boron	11-1	61.53	59.84	60.56	60.64	1.40	ppb
Cadmium	111-1	21.53	20.54	20.91	20.99	2.37	ppb
Cadmium	106-1	32.72	27.18	30.01	29.97	9.25	ppb
Cadmium	108-1	52.33	52.50	47.96	50.93	5.06	ppb
Calcium	43-1	102336.67	99102.71	99321.37	100253.58	1.80	ppb
Calcium	44-1	103800.42	99665.90	100786.95	101417.76	2.11	ppb
Chromium	52-2	39.22	40.03	38.92	39.39	1.45	ppb
Cobalt	59-2	21.49	21.63	21.27	21.46	0.84	ppb
Copper	63-2	28.61	28.77	28.02	28.47	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	101620.56	103783.37	101366.16	102256.70	1.30	ppb
Iron	57-2	100727.77	103079.94	100639.62	101482.44	1.36	ppb
Lead	206-1	27.40	26.30	26.21	26.64	2.50	ppb
Lead	207-1	25.30	24.16	24.26	24.57	2.56	ppb
Lead	208-1	25.73	24.69	24.76	25.06	2.32	ppb
Lithium	6-1						%
Magnesium	24-2	97595.22	99604.41	97629.03	98276.22	1.17	ppb
Manganese	55-2	28.17	28.13	27.33	27.88	1.70	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:37:12	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1505.19	1465.41	1462.11	1477.57	1.62	ppb
Molybdenum	95-1	2060.07	2006.14	2003.69	2023.30	1.58	ppb
Molybdenum	96-1	1996.50	1934.26	1937.48	1956.08	1.79	ppb
Molybdenum	97-1	2060.51	1997.75	2000.85	2019.70	1.75	ppb
Molybdenum	98-1	2058.34	1997.66	2006.40	2020.80	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.74	24.00	23.95	24.23	1.82	ppb
Phosphorus	31-2	97411.73	99170.93	96776.18	97786.28	1.27	ppb
Potassium	39-2	99597.56	101417.04	99231.88	100082.16	1.17	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	26.41	19.97	26.70	24.36	15.61	ppb
Selenium	78-2	26.53	19.64	19.52	21.90	18.32	ppb
Selenium	82-1	20.98	19.60	19.92	20.16	3.59	ppb
Silicon	28-1	3803.41	2463.62	2829.08	3032.04	22.84	ppb
Silver	109-1	19.37	18.71	18.95	19.01	1.76	ppb
Silver	107-1	19.11	18.73	18.23	18.69	2.35	ppb
Sodium	23-2	101231.89	103253.06	100751.21	101745.38	1.30	ppb
Strontium	86-1	93.80	90.13	89.17	91.03	2.68	ppb
Strontium	88-1	92.65	89.27	88.54	90.15	2.43	ppb
Sulfur	34-1	111405.99	104788.59	105184.65	107126.41	3.46	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	21.26	20.70	20.38	20.78	2.16	ppb
Thallium	205-1	21.42	20.45	20.87	20.91	2.34	ppb
Tin	118-1	56.60	54.14	54.46	55.07	2.43	ppb
Titanium	47-1	2251.73	2158.73	2143.62	2184.69	2.68	ppb
Uranium	238-1	57.85	55.43	55.98	56.42	2.25	ppb
Vanadium	51-2	19.90	20.41	19.62	19.98	2.01	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	33.18	33.86	30.53	32.52	5.41	ppb
Zirconium	90-1	58.93	57.28	57.08	57.76	1.76	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:37:12	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	59.94	55.00	58.26	57.73	4.35	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P7
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:40:43	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50002.11	50226.43	50488.20	50238.91	0.48	ppb
Antimony	121-1	489.72	493.30	503.75	495.59	1.47	ppb
Arsenic	75-2	496.90	501.82	503.55	500.76	0.69	ppb
Barium	135-1	2492.25	2500.91	2544.55	2512.57	1.12	ppb
Barium	137-1	2495.37	2503.01	2553.60	2517.33	1.26	ppb
Beryllium	9-1	508.36	508.93	516.33	511.20	0.87	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	499.53	507.52	519.36	508.80	1.96	ppb
Boron	11-1	500.48	507.01	525.75	511.08	2.57	ppb
Cadmium	111-1	482.44	483.08	494.35	486.62	1.38	ppb
Cadmium	106-1	491.77	489.96	507.06	496.27	1.89	ppb
Cadmium	108-1	482.41	503.26	500.19	495.29	2.27	ppb
Calcium	43-1	250734.43	249248.00	254327.69	251436.71	1.04	ppb
Calcium	44-1	251736.56	251703.16	255602.63	253014.11	0.89	ppb
Chromium	52-2	499.76	504.65	504.37	502.93	0.55	ppb
Cobalt	59-2	492.89	496.25	488.46	492.53	0.79	ppb
Copper	63-2	958.51	961.20	956.71	958.81	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	126389.24	126880.40	127228.32	126832.65	0.33	ppb
Iron	57-2	125228.97	125525.56	125615.49	125456.67	0.16	ppb
Lead	206-1	520.85	521.00	530.45	524.10	1.05	ppb
Lead	207-1	513.83	518.34	525.74	519.30	1.16	ppb
Lead	208-1	513.20	517.97	523.16	518.11	0.96	ppb
Lithium	6-1						%
Magnesium	24-2	247559.32	248812.35	248875.27	248415.65	0.30	ppb
Manganese	55-2	998.68	1002.73	998.41	999.94	0.24	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P7
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:40:43	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2527.50	2537.35	2575.39	2546.75	0.99	ppb
Molybdenum	95-1	2539.90	2562.90	2587.33	2563.38	0.93	ppb
Molybdenum	96-1	2558.19	2547.94	2592.98	2566.37	0.92	ppb
Molybdenum	97-1	2534.17	2556.11	2564.78	2551.69	0.62	ppb
Molybdenum	98-1	2538.88	2549.06	2584.83	2557.59	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.67	487.16	487.07	486.63	0.17	ppb
Phosphorus	31-2	10252.08	10232.53	10387.71	10290.77	0.82	ppb
Potassium	39-2	127108.92	127482.11	127693.62	127428.21	0.23	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	463.76	443.85	493.17	466.93	5.31	ppb
Selenium	78-2	468.76	475.14	493.46	479.12	2.68	ppb
Selenium	82-1	498.18	492.72	498.55	496.48	0.66	ppb
Silicon	28-1	2955.66	2876.07	3480.75	3104.16	10.58	ppb
Silver	109-1	477.18	481.95	488.11	482.41	1.14	ppb
Silver	107-1	476.77	479.63	486.85	481.08	1.08	ppb
Sodium	23-2	250086.99	251136.48	251826.45	251016.64	0.35	ppb
Strontium	86-1	520.55	526.93	529.59	525.69	0.88	ppb
Strontium	88-1	523.82	528.46	533.59	528.62	0.92	ppb
Sulfur	34-1	12020.29	11560.94	12238.48	11939.90	2.90	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	514.11	523.38	526.25	521.25	1.22	ppb
Thallium	205-1	521.52	523.53	528.88	524.64	0.72	ppb
Tin	118-1	497.18	501.54	507.45	502.06	1.03	ppb
Titanium	47-1	2566.26	2545.71	2598.95	2570.31	1.04	ppb
Uranium	238-1	532.00	534.12	542.84	536.32	1.07	ppb
Vanadium	51-2	502.84	503.98	503.91	503.58	0.13	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	972.34	971.79	975.94	973.36	0.23	ppb
Zirconium	90-1	508.25	509.91	518.36	512.17	1.06	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P7
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:40:43	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	506.72	512.42	518.54	512.56	1.15	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P7
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:46:11	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.09	3.05	1.89	2.34	26.33	ppb
Antimony	121-1	0.60	0.56	0.62	0.59	5.17	ppb
Arsenic	75-2	0.05	0.00	0.05	0.03	83.86	ppb
Barium	135-1	0.09	0.12	0.05	0.08	41.24	ppb
Barium	137-1	0.13	0.14	0.09	0.12	18.97	ppb
Beryllium	9-1	0.43	0.37	0.43	0.41	8.76	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.67	8.07	6.90	7.21	10.41	ppb
Boron	11-1	7.31	6.58	6.87	6.92	5.31	ppb
Cadmium	111-1	-0.22	-0.07	0.02	-0.09		ppb
Cadmium	106-1	-2.93	-1.03	-0.11	-1.36		ppb
Cadmium	108-1	-0.03	-0.03	-0.02	-0.02		ppb
Calcium	43-1	-0.43	-2.35	2.11	-0.22		ppb
Calcium	44-1	-4.97	-96.58	206.34	34.93	444.77	ppb
Chromium	52-2	0.04	0.05	0.01	0.03	61.31	ppb
Cobalt	59-2	0.04	0.04	0.04	0.04	9.04	ppb
Copper	63-2	0.10	0.09	0.19	0.13	45.07	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	15.58	16.19	14.64	15.47	5.03	ppb
Iron	57-2	13.22	18.88	12.10	14.73	24.67	ppb
Lead	206-1	0.33	0.26	0.27	0.28	13.19	ppb
Lead	207-1	0.27	0.25	0.27	0.26	3.69	ppb
Lead	208-1	0.29	0.25	0.28	0.27	8.26	ppb
Lithium	6-1						%
Magnesium	24-2	-34.98	-34.76	-36.16	-35.30		ppb
Manganese	55-2	0.11	0.09	0.10	0.10	14.39	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P7
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:46:11	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.75	0.46	0.50	0.57	27.47	ppb
Molybdenum	95-1	0.77	0.74	0.51	0.67	20.96	ppb
Molybdenum	96-1	0.66	0.61	0.59	0.62	5.97	ppb
Molybdenum	97-1	0.54	0.63	0.60	0.59	7.62	ppb
Molybdenum	98-1	0.63	0.59	0.62	0.61	3.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.76	-0.86	-0.62	-0.75		ppb
Phosphorus	31-2	9.54	-75.11	13.29	-17.43		ppb
Potassium	39-2	14.93	21.62	9.22	15.25	40.68	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.70	-0.70	-0.70	-0.70		ppb
Selenium	78-2	-0.55	0.19	-0.18	-0.18		ppb
Selenium	82-1	0.40	0.48	-0.98	-0.03		ppb
Silicon	28-1	-519.78	-1913.76	2113.52	-106.67		ppb
Silver	109-1	0.02	0.02	0.02	0.02	10.21	ppb
Silver	107-1	0.01	0.01	0.00	0.01	56.15	ppb
Sodium	23-2	80.55	77.62	71.50	76.56	6.03	ppb
Strontium	86-1	0.05	0.00	0.07	0.04	81.20	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	57.18	ppb
Sulfur	34-1	-1207.66	-2146.27	817.77	-845.39		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.13	0.09	0.10	0.10	18.70	ppb
Thallium	205-1	0.13	0.10	0.11	0.12	11.64	ppb
Tin	118-1	0.25	0.11	0.16	0.18	41.17	ppb
Titanium	47-1	0.22	0.10	0.28	0.20	45.11	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	17.62	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	24.14	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.00	-0.11	-0.14	-0.09		ppb
Zirconium	90-1	0.06	0.08	0.07	0.07	18.85	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P7
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:46:11	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.05	0.03	0.05	26.03	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:49:43	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.15	17.31	21.39	20.28	12.83	ppb
Antimony	121-1	2.22	2.06	2.17	2.15	3.98	ppb
Arsenic	75-2	1.15	0.84	1.01	1.00	15.14	ppb
Barium	135-1	9.40	9.83	9.30	9.51	2.94	ppb
Barium	137-1	9.25	9.02	9.01	9.09	1.52	ppb
Beryllium	9-1	1.30	1.27	1.11	1.23	8.01	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	26.14	26.32	27.34	26.60	2.44	ppb
Boron	11-1	25.93	25.55	26.32	25.93	1.48	ppb
Cadmium	111-1	0.88	1.20	1.35	1.15	20.92	ppb
Cadmium	106-1	-1.58	3.88	4.23	2.18	149.68	ppb
Cadmium	108-1	0.60	0.90	0.75	0.75	19.91	ppb
Calcium	43-1	481.47	484.51	422.63	462.87	7.54	ppb
Calcium	44-1	643.25	568.81	545.56	585.87	8.71	ppb
Chromium	52-2	1.83	1.88	1.93	1.88	2.57	ppb
Cobalt	59-2	0.94	0.98	1.02	0.98	4.43	ppb
Copper	63-2	2.12	2.13	2.08	2.11	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	62.13	60.51	60.76	61.13	1.42	ppb
Iron	57-2	53.95	56.17	57.81	55.98	3.46	ppb
Lead	206-1	1.15	1.15	1.21	1.17	3.09	ppb
Lead	207-1	1.16	1.00	1.15	1.10	8.37	ppb
Lead	208-1	1.16	1.13	1.13	1.14	1.63	ppb
Lithium	6-1						%
Magnesium	24-2	410.08	412.02	399.39	407.16	1.67	ppb
Manganese	55-2	1.20	1.08	0.96	1.08	11.12	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:49:43	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.46	5.21	4.95	5.21	4.88	ppb
Molybdenum	95-1	4.85	4.94	4.96	4.92	1.16	ppb
Molybdenum	96-1	5.04	5.11	4.91	5.02	1.97	ppb
Molybdenum	97-1	5.17	4.90	4.64	4.90	5.37	ppb
Molybdenum	98-1	5.04	4.77	4.86	4.89	2.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.51	0.56	0.72	0.60	18.64	ppb
Phosphorus	31-2	11.71	11.04	4.46	9.07	44.18	ppb
Potassium	39-2	489.25	463.31	465.03	472.53	3.07	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	12.41	12.35	5.79	10.18	37.39	ppb
Selenium	78-2	8.29	3.12	3.46	4.96	58.41	ppb
Selenium	82-1	5.31	6.52	4.17	5.34	22.03	ppb
Silicon	28-1	937.20	186.53	-300.35	274.46	227.15	ppb
Silver	109-1	1.01	0.98	1.00	1.00	1.60	ppb
Silver	107-1	1.08	0.95	1.01	1.01	6.56	ppb
Sodium	23-2	529.06	531.36	516.73	525.71	1.50	ppb
Strontium	86-1	0.99	1.14	1.03	1.06	7.55	ppb
Strontium	88-1	0.95	0.97	0.93	0.95	2.36	ppb
Sulfur	34-1	-115.47	-539.32	-793.65	-482.81		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.05	0.98	0.98	1.00	4.19	ppb
Thallium	205-1	1.07	1.07	1.00	1.05	3.53	ppb
Tin	118-1	4.81	5.04	4.79	4.88	2.79	ppb
Titanium	47-1	5.08	4.85	4.40	4.78	7.29	ppb
Uranium	238-1	0.89	0.86	0.90	0.88	2.76	ppb
Vanadium	51-2	4.33	4.72	4.72	4.59	4.88	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.96	2.18	2.09	2.08	5.22	ppb
Zirconium	90-1	1.08	1.09	1.09	1.08	0.52	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:49:43	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.92	1.29	1.18	1.13	16.90	ppb

LB Number : LB92554 Operator : Jaswal
 Lab Sample ID : PB105530BL Instrumnet Name : P7
 Client Sample ID : PB105530BL Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 13:56:50 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.38	0.92	-0.18	0.37	146.87	ppb
Antimony	121-1	0.10	0.14	0.14	0.13	18.94	ppb
Arsenic	75-2	0.05	-0.02	-0.02	0.00	13383.98	ppb
Barium	135-1	0.07	0.08	0.05	0.06	25.88	ppb
Barium	137-1	0.02	0.04	0.05	0.04	44.85	ppb
Beryllium	9-1	0.12	0.16	0.15	0.14	14.95	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.33	3.83	3.24	3.47	9.13	ppb
Boron	11-1	3.43	3.42	3.29	3.38	2.35	ppb
Cadmium	111-1	-0.42	0.18	-0.11	-0.12		ppb
Cadmium	106-1	-5.25	1.93	-1.47	-1.59		ppb
Cadmium	108-1	-0.10	-0.10	-0.18	-0.13		ppb
Calcium	43-1	-5.22	-1.98	-6.04	-4.41		ppb
Calcium	44-1	-5.60	-3.71	-22.10	-10.47		ppb
Chromium	52-2	-0.01	-0.01	0.01	0.00		ppb
Cobalt	59-2	0.03	0.04	0.03	0.03	11.59	ppb
Copper	63-2	0.03	-0.13	-0.24	-0.11		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	8.15	8.36	7.67	8.06	4.39	ppb
Iron	57-2	8.00	8.64	6.38	7.67	15.18	ppb
Lead	206-1	0.13	0.12	0.09	0.11	17.30	ppb
Lead	207-1	0.11	0.10	0.07	0.10	22.26	ppb
Lead	208-1	0.12	0.11	0.10	0.11	11.51	ppb
Lithium	6-1						%
Magnesium	24-2	-36.51	-38.41	-37.56	-37.49		ppb
Manganese	55-2	0.08	0.05	0.04	0.06	34.54	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	PB105530BL	Instrumnet Name :	P7
Client Sample ID :	PB105530BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:56:50	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.11	0.02	0.10	0.08	61.19	ppb
Molybdenum	95-1	0.07	0.19	0.10	0.12	54.41	ppb
Molybdenum	96-1	0.10	0.10	0.07	0.09	20.64	ppb
Molybdenum	97-1	0.16	0.09	0.14	0.13	29.22	ppb
Molybdenum	98-1	0.12	0.14	0.13	0.13	10.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.63	-0.44	-0.30	-0.46		ppb
Phosphorus	31-2	-25.52	-8.54	9.33	-8.24		ppb
Potassium	39-2	-10.21	3.53	-9.96	-5.55		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.41	-0.70	-0.70	0.01	22801.56	ppb
Selenium	78-2	-0.22	-0.58	0.12	-0.23		ppb
Selenium	82-1	-0.29	0.24	-0.50	-0.19		ppb
Silicon	28-1	20.33	-349.45	-516.67	-281.93		ppb
Silver	109-1	-0.01	0.01	0.01	0.00	326.69	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	42.58	37.05	37.35	39.00	7.97	ppb
Strontium	86-1	-0.04	0.01	0.07	0.01	412.42	ppb
Strontium	88-1	-0.01	0.00	-0.01	0.00		ppb
Sulfur	34-1	-688.95	-925.97	-883.62	-832.85		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.06	0.05	0.05	8.21	ppb
Thallium	205-1	0.06	0.07	0.06	0.07	6.00	ppb
Tin	118-1	0.03	0.01	0.05	0.03	70.44	ppb
Titanium	47-1	0.05	0.13	0.02	0.07	85.27	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	173.07	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	29.81	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.02	-0.21	-0.27	-0.17		ppb
Zirconium	90-1	0.02	0.03	0.04	0.03	31.10	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	PB105530BL	Instrumnet Name :	P7
Client Sample ID :	PB105530BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:56:50	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.02	0.02	28.34	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	PB105530BS	Instrumnet Name :	P7
Client Sample ID :	PB105530BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:00:21	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10004.67	9792.53	9634.64	9810.61	1.89	ppb
Antimony	121-1	509.88	507.24	517.30	511.47	1.02	ppb
Arsenic	75-2	495.62	496.34	488.18	493.38	0.92	ppb
Barium	135-1	2541.56	2517.25	2582.53	2547.11	1.30	ppb
Barium	137-1	2549.13	2511.18	2574.61	2544.97	1.25	ppb
Beryllium	9-1	512.42	505.76	511.34	509.84	0.70	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	487.44	496.11	500.72	494.76	1.36	ppb
Boron	11-1	487.14	485.14	509.60	493.96	2.75	ppb
Cadmium	111-1	517.69	510.29	521.31	516.43	1.09	ppb
Cadmium	106-1	523.21	512.64	509.51	515.12	1.39	ppb
Cadmium	108-1	521.92	517.72	523.76	521.13	0.59	ppb
Calcium	43-1	50091.09	48964.74	50895.48	49983.77	1.94	ppb
Calcium	44-1	51097.50	50347.10	52049.03	51164.54	1.67	ppb
Chromium	52-2	504.75	493.32	487.26	495.11	1.79	ppb
Cobalt	59-2	509.08	500.96	491.62	500.55	1.75	ppb
Copper	63-2	1015.63	1011.54	986.01	1004.39	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26455.95	26077.91	25593.10	26042.32	1.66	ppb
Iron	57-2	26024.04	25782.56	25092.38	25632.99	1.89	ppb
Lead	206-1	518.57	510.44	524.75	517.92	1.39	ppb
Lead	207-1	513.45	505.05	521.23	513.25	1.58	ppb
Lead	208-1	512.26	504.14	519.61	512.00	1.51	ppb
Lithium	6-1						%
Magnesium	24-2	50225.46	49192.34	48430.25	49282.68	1.83	ppb
Manganese	55-2	1007.71	1002.46	985.77	998.65	1.15	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	PB105530BS	Instrumnet Name :	P7
Client Sample ID :	PB105530BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:00:21	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2557.29	2523.69	2584.72	2555.23	1.20	ppb
Molybdenum	95-1	2561.33	2527.67	2619.03	2569.34	1.80	ppb
Molybdenum	96-1	2572.66	2530.88	2606.45	2570.00	1.47	ppb
Molybdenum	97-1	2562.37	2525.19	2611.24	2566.26	1.68	ppb
Molybdenum	98-1	2572.51	2535.54	2608.05	2572.03	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.50	504.84	494.38	503.24	1.63	ppb
Phosphorus	31-2	9961.25	10145.80	9972.35	10026.47	1.03	ppb
Potassium	39-2	25578.58	25271.55	24888.48	25246.20	1.37	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	469.87	504.90	452.57	475.78	5.60	ppb
Selenium	78-2	477.82	473.75	495.04	482.20	2.34	ppb
Selenium	82-1	520.56	508.14	528.50	519.06	1.98	ppb
Silicon	28-1	1080.59	549.57	1642.38	1090.84	50.10	ppb
Silver	109-1	516.26	507.95	520.75	514.99	1.26	ppb
Silver	107-1	513.06	508.64	521.85	514.52	1.31	ppb
Sodium	23-2	51675.08	50543.58	50164.99	50794.55	1.55	ppb
Strontium	86-1	512.93	506.30	528.39	515.87	2.20	ppb
Strontium	88-1	516.44	509.73	523.99	516.72	1.38	ppb
Sulfur	34-1	10754.65	9590.95	11016.49	10454.03	7.26	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	513.63	506.99	525.15	515.26	1.78	ppb
Thallium	205-1	516.63	508.90	525.72	517.08	1.63	ppb
Tin	118-1	513.49	504.42	518.80	512.24	1.42	ppb
Titanium	47-1	2574.75	2534.44	2607.58	2572.26	1.42	ppb
Uranium	238-1	508.64	502.92	520.93	510.83	1.80	ppb
Vanadium	51-2	502.80	497.09	483.15	494.35	2.04	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1007.41	1010.22	982.62	1000.08	1.52	ppb
Zirconium	90-1	506.72	500.65	517.83	508.40	1.71	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	PB105530BS	Instrumnet Name :	P7
Client Sample ID :	PB105530BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:00:21	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	510.41	505.05	518.87	511.45	1.36	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-01	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:03:54	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.61	35.15	35.53	34.43	4.61	ppb
Antimony	121-1	3.39	2.91	2.77	3.02	10.78	ppb
Arsenic	75-2	3.59	3.83	3.10	3.51	10.62	ppb
Barium	135-1	119.28	120.18	121.06	120.17	0.74	ppb
Barium	137-1	119.40	120.04	120.17	119.87	0.34	ppb
Beryllium	9-1	0.50	0.42	0.39	0.44	13.21	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	401.64	413.75	407.44	407.61	1.49	ppb
Boron	11-1	430.48	433.81	431.42	431.91	0.40	ppb
Cadmium	111-1	-0.11	-0.28	0.02	-0.13		ppb
Cadmium	106-1	-2.70	-5.13	-1.59	-3.14		ppb
Cadmium	108-1	0.14	-0.02	0.23	0.12	104.81	ppb
Calcium	43-1	158947.93	159261.11	160380.51	159529.85	0.47	ppb
Calcium	44-1	160867.28	162698.85	163615.85	162393.99	0.86	ppb
Chromium	52-2	3.49	3.58	3.37	3.48	3.07	ppb
Cobalt	59-2	0.97	0.91	0.75	0.88	12.55	ppb
Copper	63-2	15.97	16.62	17.22	16.61	3.76	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	100.71	99.27	99.81	99.93	0.73	ppb
Iron	57-2	238.55	223.87	224.24	228.89	3.66	ppb
Lead	206-1	1.53	1.27	1.28	1.36	10.48	ppb
Lead	207-1	1.48	1.37	1.18	1.34	11.49	ppb
Lead	208-1	1.50	1.32	1.19	1.34	11.37	ppb
Lithium	6-1						%
Magnesium	24-2	9470.06	9494.39	9480.27	9481.57	0.13	ppb
Manganese	55-2	86.60	85.65	86.58	86.28	0.63	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-01	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:03:54	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.72	2.88	2.55	2.72	6.16	ppb
Molybdenum	95-1	2.79	2.28	2.42	2.50	10.60	ppb
Molybdenum	96-1	2.75	2.63	2.45	2.61	5.89	ppb
Molybdenum	97-1	3.71	3.46	3.67	3.61	3.76	ppb
Molybdenum	98-1	2.59	2.44	2.40	2.48	4.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.57	10.47	10.42	10.16	4.97	ppb
Phosphorus	31-2	23.26	79.71	4.11	35.69	110.11	ppb
Potassium	39-2	3969.23	3941.24	3872.11	3927.53	1.27	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.80	6.99	9.45	6.08	64.24	ppb
Selenium	78-2	1.30	4.40	1.78	2.49	66.92	ppb
Selenium	82-1	-1.61	-4.57	-4.43	-3.54		ppb
Silicon	28-1	20790.23	19985.44	20084.73	20286.80	2.16	ppb
Silver	109-1	0.86	0.65	0.59	0.70	20.36	ppb
Silver	107-1	0.77	0.65	0.67	0.69	8.86	ppb
Sodium	23-2	135969.02	137035.91	135108.37	136037.77	0.71	ppb
Strontium	86-1	394.78	397.37	399.87	397.34	0.64	ppb
Strontium	88-1	401.10	399.84	403.71	401.55	0.49	ppb
Sulfur	34-1	43924.40	43896.11	44017.69	43946.07	0.14	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.26	0.21	0.17	0.21	20.22	ppb
Thallium	205-1	0.23	0.18	0.16	0.19	18.52	ppb
Tin	118-1	2.21	2.00	1.92	2.04	7.19	ppb
Titanium	47-1	3.60	3.51	3.61	3.57	1.62	ppb
Uranium	238-1	1.53	1.53	1.54	1.53	0.16	ppb
Vanadium	51-2	13.08	13.40	13.38	13.28	1.36	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.57	7.35	5.49	6.47	14.47	ppb
Zirconium	90-1	0.74	0.60	0.53	0.63	16.96	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-01	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:03:54	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.73	0.54	0.62	0.63	14.78	ppb

LB Number : LB92554 Operator : Jaswal
 Lab Sample ID : J1058-01DUP Instrumnet Name : P7
 Client Sample ID : SS037MW125-180104DL Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 14:07:28 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33.08	37.26	31.31	33.88	9.02	ppb
Antimony	121-1	1.60	1.58	1.51	1.56	3.09	ppb
Arsenic	75-2	3.57	3.10	3.66	3.44	8.66	ppb
Barium	135-1	121.93	119.78	120.73	120.82	0.89	ppb
Barium	137-1	118.30	120.19	117.41	118.63	1.19	ppb
Beryllium	9-1	0.24	0.26	0.24	0.25	4.17	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	382.10	390.48	393.41	388.66	1.51	ppb
Boron	11-1	406.23	410.57	419.66	412.15	1.66	ppb
Cadmium	111-1	0.17	-0.09	-0.17	-0.03		ppb
Cadmium	106-1	0.49	-2.62	-3.45	-1.86		ppb
Cadmium	108-1	0.15	-0.09	0.24	0.10	175.46	ppb
Calcium	43-1	158931.31	159478.20	158436.60	158948.70	0.33	ppb
Calcium	44-1	162837.39	164703.24	163557.82	163699.49	0.57	ppb
Chromium	52-2	3.10	3.19	3.09	3.13	1.71	ppb
Cobalt	59-2	0.82	0.79	0.87	0.83	4.97	ppb
Copper	63-2	18.93	18.70	19.39	19.01	1.84	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	96.77	96.16	96.15	96.36	0.37	ppb
Iron	57-2	209.24	234.05	224.84	222.71	5.63	ppb
Lead	206-1	1.02	0.96	0.98	0.99	3.07	ppb
Lead	207-1	0.97	0.90	0.93	0.93	3.70	ppb
Lead	208-1	0.99	0.91	0.92	0.94	4.43	ppb
Lithium	6-1						%
Magnesium	24-2	9322.44	9375.50	9283.71	9327.22	0.49	ppb
Manganese	55-2	86.79	86.31	85.01	86.03	1.07	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-01DUP	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-180104DL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:07:28	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.42	1.45	1.37	1.41	2.64	ppb
Molybdenum	95-1	1.55	1.73	1.70	1.66	5.75	ppb
Molybdenum	96-1	1.57	1.59	1.41	1.52	6.28	ppb
Molybdenum	97-1	2.89	2.42	3.12	2.81	12.74	ppb
Molybdenum	98-1	1.54	1.76	1.64	1.64	6.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.37	10.12	10.41	10.30	1.55	ppb
Phosphorus	31-2	24.50	95.03	116.56	78.70	61.19	ppb
Potassium	39-2	3735.92	3703.87	3699.32	3713.04	0.54	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.97	1.99	17.99	7.32	126.31	ppb
Selenium	78-2	2.41	2.89	1.06	2.12	44.87	ppb
Selenium	82-1	-3.43	-6.35	-8.77	-6.18		ppb
Silicon	28-1	19690.46	19707.75	19217.80	19538.67	1.42	ppb
Silver	109-1	0.44	0.53	0.52	0.50	9.36	ppb
Silver	107-1	0.47	0.42	0.44	0.44	5.81	ppb
Sodium	23-2	134208.58	134812.42	133258.92	134093.31	0.58	ppb
Strontium	86-1	397.03	400.62	399.66	399.10	0.47	ppb
Strontium	88-1	400.74	400.60	400.24	400.53	0.06	ppb
Sulfur	34-1	43539.07	43418.21	42924.37	43293.88	0.75	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.09	0.08	0.08	0.09	6.10	ppb
Thallium	205-1	0.10	0.09	0.07	0.08	19.05	ppb
Tin	118-1	1.18	1.32	1.21	1.24	6.05	ppb
Titanium	47-1	3.46	4.02	3.72	3.73	7.44	ppb
Uranium	238-1	1.65	1.58	1.65	1.63	2.37	ppb
Vanadium	51-2	12.88	13.01	13.05	12.98	0.69	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5.16	5.33	5.01	5.17	3.06	ppb
Zirconium	90-1	0.30	0.30	0.23	0.28	14.21	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-01DUP	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-180104DL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:07:28	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.38	0.70	0.31	0.46	45.13	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-01LX5	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-180104L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-10 14:11:02	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.90	7.34	5.96	6.74	10.44	ppb
Antimony	121-1	0.45	0.37	0.42	0.41	10.45	ppb
Arsenic	75-2	0.73	0.50	0.76	0.66	21.57	ppb
Barium	135-1	21.92	22.77	23.97	22.89	4.51	ppb
Barium	137-1	23.66	22.68	23.32	23.22	2.15	ppb
Beryllium	9-1	0.19	0.25	0.23	0.22	14.11	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	102.33	105.45	108.40	105.39	2.88	ppb
Boron	11-1	110.75	113.24	114.88	112.96	1.84	ppb
Cadmium	111-1	-0.40	0.04	-0.36	-0.24		ppb
Cadmium	106-1	-5.18	-0.06	-4.76	-3.33		ppb
Cadmium	108-1	-0.10	0.06	-0.10	-0.04		ppb
Calcium	43-1	30713.55	30848.48	31242.35	30934.79	0.89	ppb
Calcium	44-1	31876.80	31958.05	32645.32	32160.06	1.31	ppb
Chromium	52-2	0.59	0.66	0.62	0.62	5.40	ppb
Cobalt	59-2	0.12	0.12	0.16	0.13	15.51	ppb
Copper	63-2	4.91	4.94	4.59	4.82	4.08	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	22.12	23.30	22.85	22.76	2.63	ppb
Iron	57-2	51.07	49.28	54.13	51.49	4.76	ppb
Lead	206-1	0.15	0.13	0.13	0.14	8.53	ppb
Lead	207-1	0.12	0.13	0.10	0.12	10.33	ppb
Lead	208-1	0.14	0.14	0.13	0.14	1.42	ppb
Lithium	6-1						%
Magnesium	24-2	1817.52	1805.86	1766.88	1796.75	1.48	ppb
Manganese	55-2	16.83	16.90	17.21	16.98	1.19	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-01LX5	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-180104L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-10 14:11:02	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.39	0.23	0.41	0.34	28.38	ppb
Molybdenum	95-1	0.42	0.39	0.33	0.38	12.42	ppb
Molybdenum	96-1	0.35	0.46	0.31	0.37	20.97	ppb
Molybdenum	97-1	0.61	0.69	0.51	0.61	14.61	ppb
Molybdenum	98-1	0.41	0.37	0.38	0.39	4.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.48	0.93	1.48	1.30	24.31	ppb
Phosphorus	31-2	10.28	36.84	-1.27	15.28	127.87	ppb
Potassium	39-2	755.81	784.14	747.02	762.32	2.54	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.84	-0.70	4.38	1.84	137.89	ppb
Selenium	78-2	1.35	0.07	0.07	0.49	149.86	ppb
Selenium	82-1	-0.73	-1.09	-1.26	-1.03		ppb
Silicon	28-1	2998.05	3072.05	3663.61	3244.57	11.24	ppb
Silver	109-1	0.20	0.16	0.19	0.19	11.12	ppb
Silver	107-1	0.17	0.19	0.16	0.18	9.12	ppb
Sodium	23-2	26350.10	26284.93	26185.67	26273.57	0.32	ppb
Strontium	86-1	74.70	80.03	78.66	77.80	3.56	ppb
Strontium	88-1	77.11	77.07	77.71	77.30	0.46	ppb
Sulfur	34-1	7595.62	7310.29	8064.09	7656.67	4.97	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.04	0.03	39.00	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	13.24	ppb
Tin	118-1	0.18	0.16	0.12	0.15	17.36	ppb
Titanium	47-1	0.64	1.24	0.43	0.77	54.85	ppb
Uranium	238-1	0.33	0.32	0.32	0.32	1.51	ppb
Vanadium	51-2	2.87	2.79	2.91	2.85	2.15	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.96	1.63	1.42	1.33	25.73	ppb
Zirconium	90-1	0.03	0.02	0.04	0.03	22.33	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-01LX5	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-180104L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-10 14:11:02	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.06	0.07	0.04	72.18	ppb

LB Number : LB92554 Operator : Jaswal
 Lab Sample ID : J1058-01MS Instrumnet Name : P7
 Client Sample ID : SS037MW125-180104M Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 14:14:34 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10098.87	9939.81	9926.24	9988.31	0.96	ppb
Antimony	121-1	500.73	503.77	499.72	501.41	0.42	ppb
Arsenic	75-2	517.05	521.71	521.34	520.03	0.50	ppb
Barium	135-1	2606.29	2638.06	2613.84	2619.40	0.63	ppb
Barium	137-1	2619.58	2649.15	2622.33	2630.35	0.62	ppb
Beryllium	9-1	370.57	367.05	367.59	368.41	0.51	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	754.48	764.00	778.35	765.61	1.57	ppb
Boron	11-1	787.92	800.96	815.82	801.57	1.74	ppb
Cadmium	111-1	489.09	490.95	487.15	489.06	0.39	ppb
Cadmium	106-1	473.85	459.02	474.89	469.26	1.89	ppb
Cadmium	108-1	499.85	488.02	488.13	492.00	1.38	ppb
Calcium	43-1	209547.89	211181.60	210109.72	210279.74	0.39	ppb
Calcium	44-1	213179.87	213941.65	213392.98	213504.83	0.18	ppb
Chromium	52-2	553.12	541.26	544.16	546.18	1.13	ppb
Cobalt	59-2	549.39	535.96	542.84	542.73	1.24	ppb
Copper	63-2	1128.01	1099.62	1112.38	1113.34	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	28171.34	27570.11	27919.44	27886.96	1.08	ppb
Iron	57-2	27321.16	27091.21	27631.71	27348.03	0.99	ppb
Lead	206-1	532.57	533.71	535.94	534.07	0.32	ppb
Lead	207-1	526.96	527.46	529.25	527.89	0.23	ppb
Lead	208-1	524.93	527.63	528.38	526.98	0.34	ppb
Lithium	6-1						%
Magnesium	24-2	66653.20	65199.60	65777.86	65876.89	1.11	ppb
Manganese	55-2	1136.82	1120.41	1135.42	1130.89	0.80	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-01MS	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-180104M	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:14:34	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2647.58	2667.03	2647.85	2654.15	0.42	ppb
Molybdenum	95-1	2681.55	2696.37	2673.65	2683.86	0.43	ppb
Molybdenum	96-1	2697.99	2700.77	2682.50	2693.76	0.37	ppb
Molybdenum	97-1	2678.39	2685.33	2674.18	2679.30	0.21	ppb
Molybdenum	98-1	2695.15	2683.54	2691.84	2690.18	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	560.02	553.41	561.01	558.15	0.74	ppb
Phosphorus	31-2	47.11	19.82	28.79	31.91	43.60	ppb
Potassium	39-2	29613.23	28922.59	29131.33	29222.38	1.21	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	433.64	490.84	542.25	488.91	11.11	ppb
Selenium	78-2	484.86	505.66	520.64	503.72	3.57	ppb
Selenium	82-1	520.14	522.41	524.27	522.27	0.40	ppb
Silicon	28-1	19547.86	19586.36	19229.50	19454.57	1.01	ppb
Silver	109-1	495.07	496.42	490.60	494.03	0.62	ppb
Silver	107-1	492.39	494.03	493.27	493.23	0.17	ppb
Sodium	23-2	190324.50	186120.34	187465.83	187970.22	1.14	ppb
Strontium	86-1	941.67	927.96	923.86	931.17	1.00	ppb
Strontium	88-1	943.36	946.94	948.63	946.31	0.28	ppb
Sulfur	34-1	42704.24	43213.13	42420.50	42779.29	0.94	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	539.19	544.05	544.76	542.67	0.56	ppb
Thallium	205-1	545.24	547.60	546.67	546.50	0.22	ppb
Tin	118-1	494.83	496.16	494.41	495.13	0.18	ppb
Titanium	47-1	2607.37	2642.17	2635.86	2628.47	0.71	ppb
Uranium	238-1	539.67	543.35	546.46	543.16	0.63	ppb
Vanadium	51-2	549.82	536.51	541.04	542.46	1.25	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1041.73	1038.01	1032.71	1037.49	0.44	ppb
Zirconium	90-1	528.02	531.40	528.30	529.24	0.35	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-01MS	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-180104M	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:14:34	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	534.42	532.15	533.47	533.35	0.21	ppb

LB Number : LB92554 Operator : Jaswal
 Lab Sample ID : J1058-01MSD Instrumnet Name : P7
 Client Sample ID : SS037MW125-180104M Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 14:18:07 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9744.66	10044.03	10141.12	9976.60	2.07	ppb
Antimony	121-1	495.84	502.53	496.40	498.26	0.74	ppb
Arsenic	75-2	517.08	530.93	527.42	525.14	1.37	ppb
Barium	135-1	2613.22	2606.77	2573.95	2597.98	0.81	ppb
Barium	137-1	2599.54	2631.74	2608.53	2613.27	0.64	ppb
Beryllium	9-1	378.42	370.81	377.63	375.62	1.11	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	779.93	785.75	811.28	792.32	2.11	ppb
Boron	11-1	818.16	821.86	845.02	828.34	1.76	ppb
Cadmium	111-1	484.71	491.05	479.79	485.18	1.16	ppb
Cadmium	106-1	471.97	454.90	454.59	460.49	2.16	ppb
Cadmium	108-1	471.96	479.05	476.49	475.83	0.75	ppb
Calcium	43-1	209495.52	211103.97	209809.63	210136.38	0.41	ppb
Calcium	44-1	214972.36	215563.24	216033.79	215523.13	0.25	ppb
Chromium	52-2	542.67	550.40	549.70	547.59	0.78	ppb
Cobalt	59-2	537.65	547.57	548.52	544.58	1.11	ppb
Copper	63-2	1105.25	1124.17	1123.84	1117.75	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	27565.32	28093.85	28017.06	27892.08	1.02	ppb
Iron	57-2	27101.57	27639.83	27631.29	27457.57	1.12	ppb
Lead	206-1	541.23	540.07	538.78	540.03	0.23	ppb
Lead	207-1	531.50	538.07	533.07	534.21	0.64	ppb
Lead	208-1	529.60	532.26	532.21	531.36	0.29	ppb
Lithium	6-1						%
Magnesium	24-2	65862.80	66486.08	66376.20	66241.69	0.50	ppb
Manganese	55-2	1110.66	1142.86	1145.05	1132.86	1.70	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-01MSD	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-180104M	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:18:07	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2657.55	2672.77	2656.92	2662.41	0.34	ppb
Molybdenum	95-1	2681.40	2709.87	2691.08	2694.11	0.54	ppb
Molybdenum	96-1	2683.03	2705.09	2695.69	2694.60	0.41	ppb
Molybdenum	97-1	2681.09	2718.90	2685.46	2695.15	0.77	ppb
Molybdenum	98-1	2683.44	2720.04	2677.30	2693.60	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	553.66	569.29	565.05	562.67	1.44	ppb
Phosphorus	31-2	27.99	5.30	5.96	13.08	98.70	ppb
Potassium	39-2	28600.37	29023.89	29041.62	28888.62	0.86	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	487.24	495.01	491.36	491.21	0.79	ppb
Selenium	78-2	507.56	494.97	477.35	493.30	3.08	ppb
Selenium	82-1	525.01	524.46	524.69	524.72	0.05	ppb
Silicon	28-1	19574.11	19331.39	19114.28	19339.92	1.19	ppb
Silver	109-1	489.91	488.47	486.23	488.20	0.38	ppb
Silver	107-1	488.28	493.87	487.26	489.80	0.73	ppb
Sodium	23-2	187343.79	189556.63	190654.38	189184.93	0.89	ppb
Strontium	86-1	929.52	934.81	936.24	933.52	0.38	ppb
Strontium	88-1	940.12	951.01	942.95	944.69	0.60	ppb
Sulfur	34-1	42359.05	42048.92	42296.98	42234.98	0.39	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	550.82	547.69	548.18	548.90	0.31	ppb
Thallium	205-1	548.39	549.43	550.55	549.45	0.20	ppb
Tin	118-1	488.93	495.88	494.42	493.08	0.74	ppb
Titanium	47-1	2638.33	2641.73	2640.53	2640.20	0.07	ppb
Uranium	238-1	546.22	550.70	553.18	550.03	0.64	ppb
Vanadium	51-2	534.60	541.18	543.27	539.68	0.84	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1029.43	1056.46	1053.27	1046.39	1.41	ppb
Zirconium	90-1	529.04	534.00	525.57	529.54	0.80	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-01MSD	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-180104M	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:18:07	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	534.74	530.57	531.82	532.38	0.40	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-01A	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-180104A	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:21:39	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10034.73	10155.39	10220.65	10136.92	0.93	ppb
Antimony	121-1	497.99	495.88	497.75	497.21	0.23	ppb
Arsenic	75-2	520.90	527.01	517.15	521.68	0.95	ppb
Barium	135-1	2584.27	2573.62	2614.39	2590.76	0.82	ppb
Barium	137-1	2599.45	2589.79	2623.06	2604.10	0.66	ppb
Beryllium	9-1	389.35	386.19	390.57	388.70	0.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	805.76	814.94	831.42	817.37	1.59	ppb
Boron	11-1	840.08	857.22	872.10	856.47	1.87	ppb
Cadmium	111-1	487.02	483.37	489.56	486.65	0.64	ppb
Cadmium	106-1	475.08	476.05	475.18	475.44	0.11	ppb
Cadmium	108-1	483.50	473.72	480.52	479.25	1.05	ppb
Calcium	43-1	209542.13	208093.65	212179.42	209938.40	0.99	ppb
Calcium	44-1	213623.60	212042.14	215838.38	213834.71	0.89	ppb
Chromium	52-2	550.26	555.30	563.25	556.27	1.18	ppb
Cobalt	59-2	549.86	555.77	560.97	555.53	1.00	ppb
Copper	63-2	1131.73	1142.07	1150.52	1141.44	0.82	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	28160.74	28432.26	28656.02	28416.34	0.87	ppb
Iron	57-2	27765.08	28062.66	28477.52	28101.75	1.27	ppb
Lead	206-1	541.08	529.47	549.00	539.85	1.82	ppb
Lead	207-1	535.38	530.78	542.58	536.25	1.11	ppb
Lead	208-1	533.49	526.82	540.53	533.61	1.28	ppb
Lithium	6-1						%
Magnesium	24-2	66373.04	67211.27	67358.69	66981.00	0.79	ppb
Manganese	55-2	1144.69	1150.50	1161.15	1152.11	0.72	ppb

LB Number : LB92554 Operator : Jaswal
 Lab Sample ID : J1058-01A Instrumnet Name : P7
 Client Sample ID : SS037MW125-180104A Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 14:21:39 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2659.49	2666.18	2695.78	2673.82	0.72	ppb
Molybdenum	95-1	2693.86	2681.94	2709.37	2695.06	0.51	ppb
Molybdenum	96-1	2694.77	2702.42	2712.42	2703.20	0.33	ppb
Molybdenum	97-1	2685.83	2689.69	2706.31	2693.94	0.40	ppb
Molybdenum	98-1	2698.68	2687.93	2717.54	2701.39	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	569.38	573.76	574.84	572.66	0.50	ppb
Phosphorus	31-2	90.68	-8.27	69.02	50.48	103.05	ppb
Potassium	39-2	28932.05	29125.69	29347.41	29135.05	0.71	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	449.03	411.70	477.47	446.06	7.39	ppb
Selenium	78-2	498.34	500.75	500.27	499.79	0.26	ppb
Selenium	82-1	522.65	542.48	531.22	532.12	1.87	ppb
Silicon	28-1	18386.25	17558.85	18340.17	18095.09	2.57	ppb
Silver	109-1	488.36	486.36	491.11	488.61	0.49	ppb
Silver	107-1	487.77	478.85	490.34	485.65	1.24	ppb
Sodium	23-2	188882.80	191776.11	192443.15	191034.02	0.99	ppb
Strontium	86-1	939.51	928.01	930.29	932.60	0.65	ppb
Strontium	88-1	946.51	943.48	945.32	945.11	0.16	ppb
Sulfur	34-1	41737.01	40726.03	41629.22	41364.09	1.34	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	550.18	542.14	555.32	549.22	1.21	ppb
Thallium	205-1	550.79	543.65	556.35	550.26	1.16	ppb
Tin	118-1	495.12	486.62	494.36	492.03	0.96	ppb
Titanium	47-1	2629.82	2609.89	2649.48	2629.73	0.75	ppb
Uranium	238-1	549.10	551.62	560.76	553.83	1.11	ppb
Vanadium	51-2	544.94	551.83	556.63	551.13	1.07	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1063.36	1068.65	1070.69	1067.57	0.35	ppb
Zirconium	90-1	528.39	527.66	533.03	529.69	0.55	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-01A	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-180104A	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:21:39	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	534.23	532.87	539.27	535.46	0.63	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-02	Instrumnet Name :	P7
Client Sample ID :	SS037MW076-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:25:10	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.00	3.75	3.40	3.72	8.15	ppb
Antimony	121-1	1.76	1.80	1.81	1.79	1.64	ppb
Arsenic	75-2	57.67	57.61	55.36	56.88	2.32	ppb
Barium	135-1	172.05	172.49	173.17	172.57	0.33	ppb
Barium	137-1	170.89	172.53	174.98	172.80	1.19	ppb
Beryllium	9-1	1.00	0.97	0.90	0.96	5.42	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	260.32	269.83	275.49	268.55	2.86	ppb
Boron	11-1	279.41	281.76	287.17	282.78	1.41	ppb
Cadmium	111-1	-0.22	-0.37	-0.07	-0.22		ppb
Cadmium	106-1	-5.00	-5.82	-3.20	-4.67		ppb
Cadmium	108-1	0.28	0.19	0.20	0.22	22.64	ppb
Calcium	43-1	104027.89	104219.78	106099.21	104782.29	1.09	ppb
Calcium	44-1	108191.51	108072.33	110586.24	108950.03	1.30	ppb
Chromium	52-2	0.70	0.84	0.68	0.74	12.30	ppb
Cobalt	59-2	6.94	7.12	6.72	6.93	2.93	ppb
Copper	63-2	26.60	26.34	27.09	26.68	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	689.56	687.08	672.04	682.89	1.39	ppb
Iron	57-2	760.47	759.05	749.12	756.21	0.82	ppb
Lead	206-1	0.65	0.58	0.56	0.60	7.72	ppb
Lead	207-1	0.52	0.59	0.57	0.56	6.07	ppb
Lead	208-1	0.58	0.57	0.59	0.58	1.63	ppb
Lithium	6-1						%
Magnesium	24-2	13537.11	13420.58	13179.21	13378.97	1.36	ppb
Manganese	55-2	1765.19	1788.97	1739.27	1764.47	1.41	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-02	Instrumnet Name :	P7
Client Sample ID :	SS037MW076-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:25:10	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.26	3.37	3.00	3.21	5.99	ppb
Molybdenum	95-1	3.82	3.82	3.95	3.87	1.92	ppb
Molybdenum	96-1	4.29	4.02	3.66	3.99	7.88	ppb
Molybdenum	97-1	3.79	3.78	3.80	3.79	0.31	ppb
Molybdenum	98-1	4.01	3.94	4.11	4.02	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.18	20.36	19.78	20.44	3.45	ppb
Phosphorus	31-2	7.35	-4.98	6.44	2.93	234.22	ppb
Potassium	39-2	1417.78	1384.67	1368.73	1390.39	1.80	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.44	-0.70	11.94	4.56	144.20	ppb
Selenium	78-2	1.00	1.03	0.49	0.84	36.38	ppb
Selenium	82-1	-7.97	-8.71	-7.92	-8.20		ppb
Silicon	28-1	15546.05	15529.28	16336.74	15804.02	2.92	ppb
Silver	109-1	0.41	0.38	0.38	0.39	4.49	ppb
Silver	107-1	0.41	0.39	0.36	0.38	6.96	ppb
Sodium	23-2	80682.89	80862.78	79481.37	80342.35	0.93	ppb
Strontium	86-1	406.50	408.02	410.22	408.25	0.46	ppb
Strontium	88-1	404.68	403.06	412.03	406.59	1.17	ppb
Sulfur	34-1	14386.12	14527.57	15179.00	14697.56	2.88	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.26	0.26	0.29	0.27	5.83	ppb
Thallium	205-1	0.27	0.27	0.27	0.27	0.32	ppb
Tin	118-1	2.59	2.47	2.49	2.51	2.66	ppb
Titanium	47-1	3.29	2.96	3.47	3.24	8.00	ppb
Uranium	238-1	0.56	0.58	0.57	0.57	1.23	ppb
Vanadium	51-2	3.55	3.83	3.47	3.62	5.13	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5.23	4.90	4.08	4.74	12.50	ppb
Zirconium	90-1	0.45	0.36	0.33	0.38	16.62	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-02	Instrumnet Name :	P7
Client Sample ID :	SS037MW076-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:25:10	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.46	0.47	0.49	0.47	2.57	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P7
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:28:41	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49872.51	47675.24	48370.52	48639.42	2.31	ppb
Antimony	121-1	449.42	447.54	453.53	450.16	0.68	ppb
Arsenic	75-2	493.63	472.85	478.87	481.79	2.22	ppb
Barium	135-1	2424.09	2400.93	2419.38	2414.80	0.51	ppb
Barium	137-1	2429.21	2413.54	2420.35	2421.03	0.32	ppb
Beryllium	9-1	498.77	496.70	498.53	498.00	0.23	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	508.88	517.54	529.55	518.66	2.00	ppb
Boron	11-1	515.65	525.30	533.60	524.85	1.71	ppb
Cadmium	111-1	464.46	457.32	461.88	461.22	0.78	ppb
Cadmium	106-1	460.83	442.68	447.39	450.30	2.09	ppb
Cadmium	108-1	452.75	454.79	456.74	454.76	0.44	ppb
Calcium	43-1	249682.76	250058.21	247498.66	249079.88	0.55	ppb
Calcium	44-1	253757.75	253195.45	252267.27	253073.49	0.30	ppb
Chromium	52-2	521.45	497.92	505.15	508.17	2.37	ppb
Cobalt	59-2	520.21	494.60	497.19	504.00	2.80	ppb
Copper	63-2	1028.53	973.99	989.30	997.27	2.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	133429.22	127021.83	128366.26	129605.77	2.61	ppb
Iron	57-2	130981.47	124382.33	125686.30	127016.70	2.75	ppb
Lead	206-1	532.63	535.20	528.39	532.07	0.65	ppb
Lead	207-1	529.76	528.43	522.36	526.85	0.75	ppb
Lead	208-1	527.01	525.82	520.36	524.40	0.68	ppb
Lithium	6-1						%
Magnesium	24-2	253034.99	241201.77	243600.60	245945.79	2.54	ppb
Manganese	55-2	1027.58	978.58	990.45	998.87	2.56	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P7
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:28:41	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2587.74	2563.67	2566.59	2572.67	0.51	ppb
Molybdenum	95-1	2608.14	2575.33	2576.36	2586.61	0.72	ppb
Molybdenum	96-1	2607.41	2581.14	2588.03	2592.20	0.53	ppb
Molybdenum	97-1	2621.18	2585.58	2584.18	2596.98	0.81	ppb
Molybdenum	98-1	2613.45	2582.70	2575.99	2590.71	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.52	490.21	493.32	500.01	2.88	ppb
Phosphorus	31-2	10097.00	9801.09	9860.17	9919.42	1.58	ppb
Potassium	39-2	127372.27	121802.51	123857.97	124344.25	2.27	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	496.18	520.52	458.51	491.73	6.35	ppb
Selenium	78-2	477.53	466.04	489.57	477.71	2.46	ppb
Selenium	82-1	496.48	489.55	487.06	491.03	0.99	ppb
Silicon	28-1	-1500.46	-1059.53	-2152.53	-1570.84		ppb
Silver	109-1	460.88	452.47	457.46	456.93	0.93	ppb
Silver	107-1	455.02	453.84	456.91	455.26	0.34	ppb
Sodium	23-2	256115.47	244234.60	247873.17	249407.75	2.44	ppb
Strontium	86-1	530.22	522.62	522.44	525.09	0.85	ppb
Strontium	88-1	527.77	526.49	521.66	525.31	0.61	ppb
Sulfur	34-1	9622.53	9206.33	9136.32	9321.73	2.82	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	527.24	531.03	523.22	527.16	0.74	ppb
Thallium	205-1	532.28	534.94	526.25	531.16	0.84	ppb
Tin	118-1	483.78	478.91	480.55	481.08	0.51	ppb
Titanium	47-1	2576.76	2581.45	2535.82	2564.68	0.98	ppb
Uranium	238-1	558.17	560.14	554.93	557.75	0.47	ppb
Vanadium	51-2	521.86	494.26	498.64	504.92	2.94	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1034.97	973.94	993.42	1000.77	3.11	ppb
Zirconium	90-1	514.96	512.65	509.72	512.44	0.51	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P7
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:28:41	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	519.86	511.29	517.00	516.05	0.85	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P7
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:43:38	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.13	0.59	0.12	0.20	185.54	ppb
Antimony	121-1	0.11	0.10	0.12	0.11	9.50	ppb
Arsenic	75-2	0.01	0.04	-0.02	0.01	513.26	ppb
Barium	135-1	-0.01	0.07	0.13	0.06	107.64	ppb
Barium	137-1	0.09	0.08	0.08	0.08	8.23	ppb
Beryllium	9-1	0.46	0.40	0.36	0.41	12.39	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	11.62	8.86	10.88	10.45	13.63	ppb
Boron	11-1	9.44	9.39	9.87	9.57	2.75	ppb
Cadmium	111-1	-0.33	-0.21	0.06	-0.16		ppb
Cadmium	106-1	-4.26	-2.85	0.61	-2.17		ppb
Cadmium	108-1	-0.09	-0.18	0.00	-0.09		ppb
Calcium	43-1	1.27	1.25	3.36	1.96	61.93	ppb
Calcium	44-1	-176.68	-205.83	-191.18	-191.23		ppb
Chromium	52-2	0.03	0.03	0.05	0.04	41.50	ppb
Cobalt	59-2	0.08	0.06	0.06	0.07	21.90	ppb
Copper	63-2	1.09	1.16	1.19	1.15	4.90	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	6.46	6.25	6.93	6.55	5.33	ppb
Iron	57-2	5.89	7.50	5.47	6.28	17.08	ppb
Lead	206-1	0.24	0.24	0.26	0.24	4.18	ppb
Lead	207-1	0.23	0.25	0.23	0.24	5.07	ppb
Lead	208-1	0.25	0.24	0.25	0.24	2.79	ppb
Lithium	6-1						%
Magnesium	24-2	-36.57	-35.29	-36.66	-36.17		ppb
Manganese	55-2	0.15	0.10	0.17	0.14	24.27	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P7
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:43:38	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.15	0.12	0.12	19.31	ppb
Molybdenum	95-1	0.17	0.15	0.16	0.16	4.99	ppb
Molybdenum	96-1	0.18	0.16	0.20	0.18	12.23	ppb
Molybdenum	97-1	0.09	0.22	0.17	0.16	39.06	ppb
Molybdenum	98-1	0.18	0.16	0.18	0.17	7.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.47	-0.46	-0.63	-0.52		ppb
Phosphorus	31-2	-10.37	50.14	-60.50	-6.91		ppb
Potassium	39-2	-18.02	8.35	-6.30	-5.32		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.70	-0.70	-0.70	-0.70		ppb
Selenium	78-2	0.08	2.74	-1.20	0.54	370.65	ppb
Selenium	82-1	0.02	0.06	-0.57	-0.16		ppb
Silicon	28-1	-2544.10	-2723.31	-1940.31	-2402.57		ppb
Silver	109-1	0.03	0.03	0.03	0.03	15.00	ppb
Silver	107-1	0.03	0.02	0.02	0.02	31.32	ppb
Sodium	23-2	87.38	92.49	95.30	91.73	4.38	ppb
Strontium	86-1	-0.01	0.03	0.02	0.01	142.19	ppb
Strontium	88-1	0.01	0.01	0.00	0.01	42.29	ppb
Sulfur	34-1	-2132.05	-2115.80	-1568.20	-1938.68		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.04	0.06	0.04	28.07	ppb
Thallium	205-1	0.04	0.04	0.06	0.05	19.89	ppb
Tin	118-1	0.09	0.06	0.05	0.07	28.73	ppb
Titanium	47-1	0.17	0.03	0.11	0.10	66.66	ppb
Uranium	238-1	0.01	0.01	0.00	0.00	28.58	ppb
Vanadium	51-2	0.03	0.03	0.04	0.03	10.54	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.05	0.00	0.01	0.02	150.76	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	18.47	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P7
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:43:38	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.06	0.05	0.05	19.95	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-03	Instrumnet Name :	P7
Client Sample ID :	KY036MW016-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:47:10	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.17	7.46	3.48	6.03	36.79	ppb
Antimony	121-1	1.70	1.51	1.36	1.52	11.46	ppb
Arsenic	75-2	35.83	36.76	36.67	36.42	1.41	ppb
Barium	135-1	110.67	112.45	104.90	109.34	3.61	ppb
Barium	137-1	107.91	111.79	105.88	108.52	2.77	ppb
Beryllium	9-1	0.24	0.26	0.23	0.24	6.04	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	138.55	138.80	143.92	140.42	2.16	ppb
Boron	11-1	146.93	153.54	150.94	150.47	2.22	ppb
Cadmium	111-1	-0.32	-0.38	-0.48	-0.39		ppb
Cadmium	106-1	-4.48	-4.96	-6.87	-5.44		ppb
Cadmium	108-1	0.10	0.67	0.27	0.35	84.76	ppb
Calcium	43-1	59969.79	62429.40	58676.10	60358.43	3.16	ppb
Calcium	44-1	61763.81	64894.31	61316.06	62658.06	3.11	ppb
Chromium	52-2	1.33	1.41	1.39	1.38	3.31	ppb
Cobalt	59-2	0.27	0.27	0.26	0.27	2.76	ppb
Copper	63-2	20.48	21.50	22.72	21.57	5.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	336.50	339.30	337.92	337.91	0.41	ppb
Iron	57-2	421.08	389.57	380.97	397.21	5.32	ppb
Lead	206-1	0.53	0.52	0.53	0.53	1.16	ppb
Lead	207-1	0.50	0.52	0.47	0.50	5.26	ppb
Lead	208-1	0.52	0.50	0.49	0.50	3.18	ppb
Lithium	6-1						%
Magnesium	24-2	6775.03	6756.87	6838.89	6790.26	0.63	ppb
Manganese	55-2	1279.77	1293.14	1309.33	1294.08	1.14	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-03	Instrumnet Name :	P7
Client Sample ID :	KY036MW016-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:47:10	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	11.20	11.18	10.60	10.99	3.11	ppb
Molybdenum	95-1	14.57	15.25	14.35	14.73	3.20	ppb
Molybdenum	96-1	14.12	15.18	14.27	14.52	3.93	ppb
Molybdenum	97-1	14.15	15.97	14.61	14.91	6.34	ppb
Molybdenum	98-1	15.28	15.37	14.90	15.18	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.10	6.27	6.61	6.33	4.12	ppb
Phosphorus	31-2	54.85	-7.04	9.61	19.14	167.36	ppb
Potassium	39-2	1411.27	1371.89	1446.93	1410.03	2.66	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.44	5.53	5.58	4.52	39.88	ppb
Selenium	78-2	0.47	-1.12	1.00	0.12	940.14	ppb
Selenium	82-1	-2.13	-0.91	-1.90	-1.65		ppb
Silicon	28-1	9746.75	11648.00	8959.96	10118.24	13.66	ppb
Silver	109-1	0.63	0.49	0.49	0.53	14.78	ppb
Silver	107-1	0.62	0.60	0.45	0.56	17.25	ppb
Sodium	23-2	27840.43	27945.23	28160.00	27981.89	0.58	ppb
Strontium	86-1	218.16	224.10	215.15	219.14	2.08	ppb
Strontium	88-1	218.66	224.47	215.55	219.56	2.06	ppb
Sulfur	34-1	2527.59	3501.38	1334.52	2454.50	44.22	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.07	0.03	0.05	44.41	ppb
Thallium	205-1	0.06	0.06	0.04	0.05	21.86	ppb
Tin	118-1	1.85	1.85	1.64	1.78	6.62	ppb
Titanium	47-1	1.95	1.99	1.79	1.91	5.52	ppb
Uranium	238-1	0.16	0.19	0.17	0.18	10.34	ppb
Vanadium	51-2	1.04	1.09	1.10	1.08	3.19	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.18	3.66	4.70	4.18	12.47	ppb
Zirconium	90-1	0.51	0.44	0.39	0.45	12.87	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-03	Instrumnet Name :	P7
Client Sample ID :	KY036MW016-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:47:10	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.69	0.44	0.42	0.52	29.18	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-04	Instrumnet Name :	P7
Client Sample ID :	SS037MW202-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:50:41	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.03	6.42	3.84	5.10	25.31	ppb
Antimony	121-1	1.41	1.44	1.43	1.43	0.85	ppb
Arsenic	75-2	26.05	24.18	26.58	25.60	4.92	ppb
Barium	135-1	458.54	462.15	452.47	457.72	1.07	ppb
Barium	137-1	458.46	461.83	460.77	460.35	0.37	ppb
Beryllium	9-1	0.22	0.25	0.25	0.24	8.02	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	137.04	137.34	138.24	137.54	0.46	ppb
Boron	11-1	146.94	152.07	155.39	151.47	2.81	ppb
Cadmium	111-1	-0.39	-0.30	-0.04	-0.24		ppb
Cadmium	106-1	-5.70	-4.75	-2.25	-4.23		ppb
Cadmium	108-1	0.01	0.20	0.20	0.14	80.67	ppb
Calcium	43-1	92131.12	92497.88	92860.38	92496.46	0.39	ppb
Calcium	44-1	95058.88	95744.86	95198.57	95334.10	0.38	ppb
Chromium	52-2	1.18	1.17	1.23	1.19	2.84	ppb
Cobalt	59-2	3.52	3.58	3.14	3.41	6.87	ppb
Copper	63-2	24.35	23.88	25.38	24.54	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	433.76	427.87	433.39	431.67	0.76	ppb
Iron	57-2	489.46	510.63	494.29	498.12	2.23	ppb
Lead	206-1	0.49	0.54	0.55	0.53	5.97	ppb
Lead	207-1	0.37	0.45	0.37	0.40	11.13	ppb
Lead	208-1	0.44	0.49	0.46	0.46	5.17	ppb
Lithium	6-1						%
Magnesium	24-2	12227.24	11982.79	12107.78	12105.94	1.01	ppb
Manganese	55-2	2064.59	2043.31	2065.40	2057.77	0.61	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-04	Instrumnet Name :	P7
Client Sample ID :	SS037MW202-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:50:41	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.57	2.78	2.39	2.58	7.72	ppb
Molybdenum	95-1	3.51	3.29	3.11	3.31	6.08	ppb
Molybdenum	96-1	3.06	3.00	2.76	2.94	5.36	ppb
Molybdenum	97-1	3.52	3.56	3.52	3.53	0.62	ppb
Molybdenum	98-1	3.05	3.21	3.23	3.16	3.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.72	6.81	6.65	6.73	1.17	ppb
Phosphorus	31-2	26.42	-4.38	5.37	9.13	172.30	ppb
Potassium	39-2	1884.15	1839.11	1932.02	1885.09	2.46	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.69	8.88	8.95	7.84	23.77	ppb
Selenium	78-2	0.51	-1.11	0.52	-0.02		ppb
Selenium	82-1	-3.00	-6.14	-5.67	-4.94		ppb
Silicon	28-1	11977.56	12175.62	11375.22	11842.80	3.52	ppb
Silver	109-1	0.37	0.32	0.38	0.36	9.42	ppb
Silver	107-1	0.41	0.31	0.38	0.36	15.16	ppb
Sodium	23-2	48429.35	47495.36	48193.51	48039.41	1.01	ppb
Strontium	86-1	585.93	580.60	582.45	582.99	0.46	ppb
Strontium	88-1	584.79	584.05	586.58	585.14	0.22	ppb
Sulfur	34-1	1123.94	672.96	286.23	694.38	60.38	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.02	0.02	21.26	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	20.55	ppb
Tin	118-1	1.22	1.16	1.12	1.17	4.31	ppb
Titanium	47-1	2.99	2.73	2.36	2.69	11.85	ppb
Uranium	238-1	0.12	0.12	0.12	0.12	2.59	ppb
Vanadium	51-2	1.57	1.49	1.56	1.54	2.71	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.09	9.49	9.26	9.61	4.46	ppb
Zirconium	90-1	0.24	0.29	0.21	0.25	17.94	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-04	Instrumnet Name :	P7
Client Sample ID :	SS037MW202-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:50:41	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.22	0.26	0.24	9.52	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-05	Instrumnet Name :	P7
Client Sample ID :	SS038MW050-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:54:13	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.36	4.76	5.78	5.63	14.43	ppb
Antimony	121-1	1.43	1.29	1.39	1.37	5.18	ppb
Arsenic	75-2	77.23	74.86	77.07	76.39	1.73	ppb
Barium	135-1	244.22	243.77	244.10	244.03	0.10	ppb
Barium	137-1	241.00	244.14	244.34	243.16	0.77	ppb
Beryllium	9-1	0.18	0.21	0.25	0.21	15.85	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	205.82	205.91	205.62	205.78	0.07	ppb
Boron	11-1	216.96	219.77	225.77	220.83	2.04	ppb
Cadmium	111-1	-0.27	-0.71	-0.39	-0.46		ppb
Cadmium	106-1	-4.15	-9.52	-5.83	-6.50		ppb
Cadmium	108-1	-0.08	0.11	0.49	0.17	170.19	ppb
Calcium	43-1	82839.80	83495.34	83803.03	83379.39	0.59	ppb
Calcium	44-1	85625.24	87093.51	86851.59	86523.45	0.91	ppb
Chromium	52-2	0.96	0.83	0.92	0.90	7.20	ppb
Cobalt	59-2	0.14	0.21	0.19	0.18	20.39	ppb
Copper	63-2	27.81	28.71	29.50	28.67	2.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6719.66	6584.37	6707.46	6670.50	1.12	ppb
Iron	57-2	6711.09	6741.32	6772.59	6741.67	0.46	ppb
Lead	206-1	0.68	0.66	0.71	0.68	4.10	ppb
Lead	207-1	0.67	0.57	0.62	0.62	8.06	ppb
Lead	208-1	0.64	0.63	0.67	0.65	3.17	ppb
Lithium	6-1						%
Magnesium	24-2	11913.33	11760.53	11978.79	11884.21	0.94	ppb
Manganese	55-2	516.94	507.98	517.22	514.04	1.02	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-05	Instrumnet Name :	P7
Client Sample ID :	SS038MW050-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:54:13	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.98	2.08	1.73	1.93	9.31	ppb
Molybdenum	95-1	3.32	2.48	2.71	2.83	15.33	ppb
Molybdenum	96-1	2.73	2.62	2.50	2.61	4.42	ppb
Molybdenum	97-1	2.55	3.12	2.85	2.84	10.01	ppb
Molybdenum	98-1	2.88	2.90	2.88	2.88	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.61	1.82	2.09	1.84	12.98	ppb
Phosphorus	31-2	66.35	48.75	67.29	60.80	17.18	ppb
Potassium	39-2	1442.69	1352.24	1406.21	1400.38	3.25	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.82	-0.70	-0.70	1.48	254.79	ppb
Selenium	78-2	-1.64	0.01	-1.64	-1.09		ppb
Selenium	82-1	-3.66	-3.21	-4.33	-3.73		ppb
Silicon	28-1	11843.38	12016.29	11839.54	11899.73	0.85	ppb
Silver	109-1	0.33	0.34	0.34	0.33	2.51	ppb
Silver	107-1	0.41	0.32	0.32	0.35	15.34	ppb
Sodium	23-2	42339.46	41407.22	42641.83	42129.50	1.53	ppb
Strontium	86-1	412.92	414.25	410.93	412.70	0.40	ppb
Strontium	88-1	412.58	412.22	409.92	411.57	0.35	ppb
Sulfur	34-1	659.49	833.33	609.17	700.66	16.79	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.02	0.01	94.08	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	73.72	ppb
Tin	118-1	1.30	1.42	1.43	1.38	5.12	ppb
Titanium	47-1	2.67	2.85	2.38	2.63	9.06	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	67.66	ppb
Vanadium	51-2	1.06	1.06	1.00	1.04	3.05	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5.94	6.51	6.52	6.32	5.25	ppb
Zirconium	90-1	0.13	0.15	0.14	0.14	4.75	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-05	Instrumnet Name :	P7
Client Sample ID :	SS038MW050-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:54:13	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.38	0.16	0.20	0.25	46.46	ppb

LB Number : LB92554 Operator : Jaswal
 Lab Sample ID : J1058-06 Instrumnet Name : P7
 Client Sample ID : SS038MW004-180104 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 14:57:45 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.39	11.79	11.48	11.22	6.56	ppb
Antimony	121-1	1.42	1.36	1.41	1.39	2.27	ppb
Arsenic	75-2	62.98	64.93	63.56	63.82	1.57	ppb
Barium	135-1	247.85	245.52	247.55	246.97	0.51	ppb
Barium	137-1	244.35	245.59	249.58	246.51	1.11	ppb
Beryllium	9-1	0.19	0.18	0.17	0.18	6.75	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	186.62	196.70	192.34	191.88	2.63	ppb
Boron	11-1	203.85	208.03	210.98	207.62	1.73	ppb
Cadmium	111-1	-0.19	-0.35	-0.62	-0.39		ppb
Cadmium	106-1	-3.24	-5.67	-8.47	-5.79		ppb
Cadmium	108-1	0.11	-0.18	0.02	-0.02		ppb
Calcium	43-1	89304.98	88334.74	89410.14	89016.62	0.67	ppb
Calcium	44-1	91984.28	91851.95	93248.96	92361.73	0.83	ppb
Chromium	52-2	0.66	0.66	0.73	0.68	5.74	ppb
Cobalt	59-2	0.15	0.14	0.14	0.14	4.00	ppb
Copper	63-2	26.20	26.76	26.52	26.49	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6328.62	6224.69	6249.23	6267.51	0.87	ppb
Iron	57-2	6392.07	6224.17	6079.27	6231.84	2.51	ppb
Lead	206-1	1.48	1.55	1.55	1.53	2.47	ppb
Lead	207-1	1.35	1.41	1.48	1.41	4.48	ppb
Lead	208-1	1.41	1.46	1.49	1.45	2.83	ppb
Lithium	6-1						%
Magnesium	24-2	12126.60	11949.12	11909.26	11994.99	0.96	ppb
Manganese	55-2	267.66	261.95	262.91	264.17	1.16	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-06	Instrumnet Name :	P7
Client Sample ID :	SS038MW004-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:57:45	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.39	1.58	1.87	1.61	14.99	ppb
Molybdenum	95-1	2.08	2.29	2.03	2.13	6.48	ppb
Molybdenum	96-1	1.82	2.01	1.95	1.93	4.86	ppb
Molybdenum	97-1	2.60	2.09	2.04	2.25	13.75	ppb
Molybdenum	98-1	2.18	2.14	2.27	2.20	2.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.40	0.63	0.37	0.47	29.85	ppb
Phosphorus	31-2	103.98	14.56	-7.23	37.11	158.82	ppb
Potassium	39-2	1318.23	1318.32	1277.46	1304.67	1.81	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.56	9.16	-0.70	3.67	136.72	ppb
Selenium	78-2	0.55	-0.54	0.01	0.01	6300.08	ppb
Selenium	82-1	-2.89	-1.20	-3.98	-2.69		ppb
Silicon	28-1	9990.29	9446.83	9861.18	9766.10	2.91	ppb
Silver	109-1	0.27	0.30	0.25	0.27	8.91	ppb
Silver	107-1	0.29	0.26	0.27	0.27	5.38	ppb
Sodium	23-2	34249.35	33907.16	33881.86	34012.79	0.60	ppb
Strontium	86-1	487.10	492.73	494.14	491.32	0.76	ppb
Strontium	88-1	490.55	490.52	497.43	492.83	0.81	ppb
Sulfur	34-1	243.02	44.48	495.83	261.11	86.64	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.00	0.00	193.06	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	76.05	ppb
Tin	118-1	0.75	0.95	0.82	0.84	12.02	ppb
Titanium	47-1	2.65	3.07	2.40	2.71	12.61	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	89.35	ppb
Vanadium	51-2	1.08	0.84	0.81	0.91	16.01	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.97	5.00	5.18	5.05	2.21	ppb
Zirconium	90-1	0.14	0.10	0.13	0.12	15.48	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-06	Instrumnet Name :	P7
Client Sample ID :	SS038MW004-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:57:45	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.19	0.21	0.28	0.23	20.14	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-07	Instrumnet Name :	P7
Client Sample ID :	SS038MW103-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:01:17	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.10	1.83	2.70	2.21	20.06	ppb
Antimony	121-1	1.51	1.50	1.53	1.51	0.97	ppb
Arsenic	75-2	178.88	180.84	172.11	177.27	2.58	ppb
Barium	135-1	243.81	246.92	245.22	245.32	0.63	ppb
Barium	137-1	240.19	243.65	243.88	242.57	0.85	ppb
Beryllium	9-1	0.14	0.19	0.13	0.15	21.60	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	405.41	414.04	425.46	414.97	2.42	ppb
Boron	11-1	422.78	429.83	442.72	431.78	2.34	ppb
Cadmium	111-1	-0.44	-0.37	-0.22	-0.34		ppb
Cadmium	106-1	-6.71	-5.19	-3.63	-5.18		ppb
Cadmium	108-1	0.11	0.11	0.11	0.11	2.27	ppb
Calcium	43-1	105349.69	106068.86	107323.98	106247.51	0.94	ppb
Calcium	44-1	108418.67	109882.36	110839.95	109713.66	1.11	ppb
Chromium	52-2	0.94	0.93	0.88	0.92	3.70	ppb
Cobalt	59-2	0.17	0.17	0.22	0.18	14.63	ppb
Copper	63-2	25.26	26.01	26.21	25.83	1.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3958.31	4029.17	3927.63	3971.70	1.31	ppb
Iron	57-2	4012.66	4113.52	4098.33	4074.84	1.33	ppb
Lead	206-1	1.30	1.23	1.25	1.26	2.82	ppb
Lead	207-1	1.13	1.26	1.15	1.18	6.13	ppb
Lead	208-1	1.20	1.18	1.18	1.19	1.13	ppb
Lithium	6-1						%
Magnesium	24-2	12931.61	13365.44	12977.03	13091.36	1.82	ppb
Manganese	55-2	467.95	484.77	467.63	473.45	2.07	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-07	Instrumnet Name :	P7
Client Sample ID :	SS038MW103-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:01:17	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.52	0.59	0.48	0.53	9.87	ppb
Molybdenum	95-1	0.61	0.84	0.59	0.68	20.37	ppb
Molybdenum	96-1	0.54	0.50	0.40	0.48	15.31	ppb
Molybdenum	97-1	0.63	0.57	0.73	0.64	12.33	ppb
Molybdenum	98-1	0.53	0.62	0.61	0.59	8.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.83	14.03	13.53	13.46	4.46	ppb
Phosphorus	31-2	103.53	93.61	22.62	73.25	60.24	ppb
Potassium	39-2	961.32	985.70	918.65	955.22	3.55	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	9.14	5.87	5.83	6.94	27.33	ppb
Selenium	78-2	1.12	0.02	0.01	0.38	167.95	ppb
Selenium	82-1	-3.39	-2.85	-0.64	-2.29		ppb
Silicon	28-1	11987.77	12146.45	12820.36	12318.19	3.59	ppb
Silver	109-1	0.23	0.22	0.26	0.24	9.66	ppb
Silver	107-1	0.30	0.25	0.23	0.26	13.79	ppb
Sodium	23-2	40991.99	42075.20	41054.58	41373.92	1.47	ppb
Strontium	86-1	371.22	370.00	380.30	373.84	1.51	ppb
Strontium	88-1	376.67	374.77	377.45	376.30	0.37	ppb
Sulfur	34-1	1640.36	1760.03	2100.63	1833.67	13.02	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.00	0.00	83.68	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	49.53	ppb
Tin	118-1	0.90	0.82	0.84	0.85	4.60	ppb
Titanium	47-1	2.61	2.61	3.37	2.86	15.38	ppb
Uranium	238-1	0.01	0.00	0.00	0.01	89.23	ppb
Vanadium	51-2	1.85	1.70	1.68	1.75	5.23	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5.32	3.48	4.25	4.35	21.22	ppb
Zirconium	90-1	0.15	0.12	0.15	0.14	12.82	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-07	Instrumnet Name :	P7
Client Sample ID :	SS038MW103-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:01:17	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.39	0.25	0.40	0.35	24.48	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-08	Instrumnet Name :	P7
Client Sample ID :	SS038MW013-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:04:49	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47.24	44.39	46.44	46.02	3.19	ppb
Antimony	121-1	1.57	1.72	1.65	1.65	4.36	ppb
Arsenic	75-2	116.33	115.46	117.14	116.31	0.72	ppb
Barium	135-1	279.39	277.48	275.04	277.30	0.79	ppb
Barium	137-1	278.62	278.79	279.70	279.04	0.21	ppb
Beryllium	9-1	0.12	0.21	0.15	0.16	26.32	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	269.16	268.69	275.40	271.08	1.38	ppb
Boron	11-1	275.22	283.41	289.69	282.77	2.56	ppb
Cadmium	111-1	0.14	-0.36	-0.36	-0.19		ppb
Cadmium	106-1	-1.63	-6.53	-6.07	-4.74		ppb
Cadmium	108-1	-0.08	0.30	0.30	0.18	126.50	ppb
Calcium	43-1	146267.56	147306.33	148038.41	147204.10	0.60	ppb
Calcium	44-1	150639.01	151545.53	152177.26	151453.93	0.51	ppb
Chromium	52-2	1.32	1.31	1.49	1.37	7.68	ppb
Cobalt	59-2	0.24	0.28	0.19	0.24	19.31	ppb
Copper	63-2	28.30	30.06	31.66	30.01	5.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	9118.74	9052.70	9743.46	9304.97	4.10	ppb
Iron	57-2	9087.46	8953.23	9682.78	9241.15	4.20	ppb
Lead	206-1	1.17	1.10	1.27	1.18	7.16	ppb
Lead	207-1	1.12	1.10	1.10	1.11	0.81	ppb
Lead	208-1	1.09	1.06	1.12	1.09	2.94	ppb
Lithium	6-1						%
Magnesium	24-2	15664.48	15630.99	16589.59	15961.69	3.41	ppb
Manganese	55-2	397.24	402.89	428.07	409.40	4.01	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-08	Instrumnet Name :	P7
Client Sample ID :	SS038MW013-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:04:49	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.33	1.44	1.17	1.31	10.43	ppb
Molybdenum	95-1	1.34	1.47	1.39	1.40	4.80	ppb
Molybdenum	96-1	1.39	1.43	1.54	1.46	5.38	ppb
Molybdenum	97-1	1.77	1.52	1.29	1.53	15.53	ppb
Molybdenum	98-1	1.70	1.46	1.62	1.59	7.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.58	6.44	7.24	6.75	6.33	ppb
Phosphorus	31-2	2335.33	2666.69	2680.25	2560.76	7.63	ppb
Potassium	39-2	1434.87	1415.96	1537.79	1462.87	4.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.83	2.52	2.68	3.67	50.75	ppb
Selenium	78-2	0.01	-0.02	0.64	0.21	177.31	ppb
Selenium	82-1	-1.21	0.23	-3.54	-1.51		ppb
Silicon	28-1	12473.86	12015.98	11989.98	12159.94	2.24	ppb
Silver	109-1	0.27	0.25	0.23	0.25	7.88	ppb
Silver	107-1	0.32	0.24	0.27	0.28	14.02	ppb
Sodium	23-2	48556.14	48464.17	51928.74	49649.68	3.98	ppb
Strontium	86-1	663.45	659.15	662.89	661.83	0.35	ppb
Strontium	88-1	666.01	666.98	666.87	666.62	0.08	ppb
Sulfur	34-1	6493.55	6074.86	6048.04	6205.48	4.03	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	39.78	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	24.59	ppb
Tin	118-1	0.94	0.95	0.92	0.94	1.64	ppb
Titanium	47-1	7.56	7.90	6.41	7.29	10.73	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	12.74	ppb
Vanadium	51-2	1.99	2.14	2.11	2.08	3.84	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.81	6.78	5.93	5.84	16.90	ppb
Zirconium	90-1	0.22	0.20	0.15	0.19	19.10	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-08	Instrumnet Name :	P7
Client Sample ID :	SS038MW013-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:04:49	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.40	0.40	0.34	0.38	9.08	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-09	Instrumnet Name :	P7
Client Sample ID :	DUP-0436-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:08:22	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.15	6.81	3.97	6.31	33.85	ppb
Antimony	121-1	1.85	1.83	1.86	1.85	0.89	ppb
Arsenic	75-2	26.51	25.28	25.48	25.76	2.57	ppb
Barium	135-1	455.22	449.48	452.26	452.32	0.63	ppb
Barium	137-1	458.75	451.58	454.09	454.81	0.80	ppb
Beryllium	9-1	0.13	0.23	0.14	0.16	32.76	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	161.51	166.14	161.89	163.18	1.57	ppb
Boron	11-1	170.24	173.00	176.92	173.39	1.94	ppb
Cadmium	111-1	-0.39	-0.36	-0.49	-0.41		ppb
Cadmium	106-1	-5.51	-5.54	-6.94	-6.00		ppb
Cadmium	108-1	-0.08	0.21	0.02	0.05	304.85	ppb
Calcium	43-1	93005.79	93621.26	92859.11	93162.05	0.43	ppb
Calcium	44-1	97111.09	96886.24	95843.48	96613.60	0.70	ppb
Chromium	52-2	1.18	1.13	1.40	1.24	11.47	ppb
Cobalt	59-2	3.50	3.50	3.32	3.44	2.98	ppb
Copper	63-2	29.42	29.60	29.81	29.61	0.67	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	433.99	434.20	428.73	432.30	0.72	ppb
Iron	57-2	497.83	520.22	507.86	508.63	2.21	ppb
Lead	206-1	0.47	0.44	0.46	0.46	3.78	ppb
Lead	207-1	0.39	0.39	0.46	0.41	10.38	ppb
Lead	208-1	0.41	0.42	0.44	0.42	3.66	ppb
Lithium	6-1						%
Magnesium	24-2	12209.06	12219.63	12039.49	12156.06	0.83	ppb
Manganese	55-2	2050.90	2039.56	2029.09	2039.85	0.53	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-09	Instrumnet Name :	P7
Client Sample ID :	DUP-0436-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:08:22	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.09	2.38	2.23	2.23	6.47	ppb
Molybdenum	95-1	3.07	3.22	3.35	3.21	4.50	ppb
Molybdenum	96-1	3.23	3.01	3.21	3.15	3.76	ppb
Molybdenum	97-1	3.33	3.13	3.39	3.28	4.17	ppb
Molybdenum	98-1	3.04	3.34	3.27	3.22	4.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.66	6.26	7.29	6.74	7.70	ppb
Phosphorus	31-2	-9.20	63.19	61.40	38.46	107.35	ppb
Potassium	39-2	1861.54	1834.85	1861.43	1852.61	0.83	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.70	15.89	12.44	9.21	95.01	ppb
Selenium	78-2	0.62	1.15	0.02	0.60	95.21	ppb
Selenium	82-1	-1.76	-1.78	-3.04	-2.19		ppb
Silicon	28-1	12179.58	11941.06	11087.44	11736.02	4.89	ppb
Silver	109-1	0.19	0.25	0.22	0.22	12.50	ppb
Silver	107-1	0.22	0.25	0.24	0.24	6.21	ppb
Sodium	23-2	48136.61	47801.66	47473.19	47803.82	0.69	ppb
Strontium	86-1	588.27	582.92	584.40	585.20	0.47	ppb
Strontium	88-1	587.04	588.28	585.01	586.78	0.28	ppb
Sulfur	34-1	1206.24	611.69	199.03	672.32	75.31	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.02	0.02	49.20	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	59.74	ppb
Tin	118-1	0.77	0.84	0.73	0.78	7.08	ppb
Titanium	47-1	2.10	2.30	2.72	2.37	13.41	ppb
Uranium	238-1	0.14	0.15	0.14	0.15	4.82	ppb
Vanadium	51-2	1.60	1.60	1.70	1.63	3.71	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.46	10.20	9.60	10.09	4.38	ppb
Zirconium	90-1	0.09	0.12	0.11	0.11	13.67	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-09	Instrumnet Name :	P7
Client Sample ID :	DUP-0436-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:08:22	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.30	0.20	0.23	0.24	20.40	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P7
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:20:22	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46966.39	46893.85	45903.96	46588.07	1.27	ppb
Antimony	121-1	472.23	476.62	472.83	473.89	0.50	ppb
Arsenic	75-2	483.38	474.36	479.67	479.14	0.95	ppb
Barium	135-1	2403.15	2415.91	2380.16	2399.74	0.76	ppb
Barium	137-1	2403.83	2424.61	2394.24	2407.56	0.64	ppb
Beryllium	9-1	503.22	502.01	499.10	501.44	0.42	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	501.39	497.78	507.09	502.08	0.94	ppb
Boron	11-1	502.96	510.50	518.57	510.68	1.53	ppb
Cadmium	111-1	460.19	471.99	460.11	464.10	1.47	ppb
Cadmium	106-1	456.10	474.23	455.39	461.90	2.31	ppb
Cadmium	108-1	462.77	452.33	463.62	459.57	1.37	ppb
Calcium	43-1	246226.26	247023.91	244149.55	245799.91	0.60	ppb
Calcium	44-1	249438.60	251022.72	248261.30	249574.21	0.56	ppb
Chromium	52-2	502.45	498.48	488.71	496.55	1.42	ppb
Cobalt	59-2	496.95	494.36	486.24	492.52	1.14	ppb
Copper	63-2	987.43	977.01	953.48	972.64	1.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	127167.03	125275.29	123371.41	125271.25	1.51	ppb
Iron	57-2	125008.83	122869.62	120718.64	122865.70	1.75	ppb
Lead	206-1	521.05	522.57	519.11	520.91	0.33	ppb
Lead	207-1	516.02	515.67	514.56	515.42	0.15	ppb
Lead	208-1	513.97	515.13	511.71	513.60	0.34	ppb
Lithium	6-1						%
Magnesium	24-2	240319.84	238663.88	234532.19	237838.64	1.25	ppb
Manganese	55-2	981.74	971.11	954.88	969.24	1.40	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P7
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:20:22	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2541.82	2531.17	2520.28	2531.09	0.43	ppb
Molybdenum	95-1	2571.48	2559.20	2553.67	2561.45	0.36	ppb
Molybdenum	96-1	2569.88	2560.98	2537.32	2556.06	0.66	ppb
Molybdenum	97-1	2550.67	2545.71	2548.13	2548.17	0.10	ppb
Molybdenum	98-1	2559.02	2558.24	2546.20	2554.49	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.37	487.73	487.47	489.19	0.56	ppb
Phosphorus	31-2	9418.03	9703.32	9718.27	9613.21	1.76	ppb
Potassium	39-2	123695.45	122802.71	121039.89	122512.68	1.10	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	474.10	473.96	489.95	479.34	1.92	ppb
Selenium	78-2	459.03	453.22	470.09	460.78	1.86	ppb
Selenium	82-1	489.44	497.24	488.32	491.67	0.99	ppb
Silicon	28-1	-1761.13	-1605.26	-1491.53	-1619.31		ppb
Silver	109-1	457.74	460.37	457.70	458.60	0.33	ppb
Silver	107-1	459.53	460.64	456.29	458.82	0.49	ppb
Sodium	23-2	250827.33	250285.87	245474.66	248862.62	1.18	ppb
Strontium	86-1	524.17	519.23	513.12	518.84	1.07	ppb
Strontium	88-1	521.64	519.92	517.55	519.70	0.40	ppb
Sulfur	34-1	9472.28	10128.99	9676.96	9759.41	3.44	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	518.64	522.02	522.18	520.95	0.38	ppb
Thallium	205-1	520.11	520.24	520.33	520.22	0.02	ppb
Tin	118-1	476.34	482.27	472.42	477.01	1.04	ppb
Titanium	47-1	2537.45	2558.24	2510.64	2535.45	0.94	ppb
Uranium	238-1	540.74	543.54	539.82	541.37	0.36	ppb
Vanadium	51-2	500.39	494.53	490.28	495.07	1.03	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	985.04	974.05	959.65	972.92	1.31	ppb
Zirconium	90-1	504.94	509.26	505.33	506.51	0.47	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P7
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:20:22	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	511.94	510.44	508.10	510.16	0.38	ppb

LB Number : LB92554 Operator : Jaswal
 Lab Sample ID : CCB91 Instrumnet Name : P7
 Client Sample ID : CCB91 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 15:32:39 DataFile Name : 039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.65	0.38	0.61	0.54	26.79	ppb
Antimony	121-1	0.22	0.24	0.21	0.23	6.42	ppb
Arsenic	75-2	0.04	0.04	0.04	0.04	2.80	ppb
Barium	135-1	0.02	0.09	0.03	0.05	70.60	ppb
Barium	137-1	0.04	0.06	0.07	0.06	25.24	ppb
Beryllium	9-1	0.22	0.23	0.19	0.21	10.97	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.32	6.71	5.92	6.32	6.25	ppb
Boron	11-1	6.49	5.98	6.42	6.30	4.43	ppb
Cadmium	111-1	-0.21	-0.35	-0.08	-0.21		ppb
Cadmium	106-1	-2.88	-4.42	-1.07	-2.79		ppb
Cadmium	108-1	-0.09	-0.09	-0.09	-0.09		ppb
Calcium	43-1	-1.89	4.12	2.20	1.48	208.17	ppb
Calcium	44-1	-116.19	-183.37	-126.20	-141.92		ppb
Chromium	52-2	0.03	0.00	0.03	0.02	92.65	ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	41.10	ppb
Copper	63-2	1.37	1.52	1.45	1.44	4.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	7.35	6.28	6.47	6.70	8.48	ppb
Iron	57-2	10.96	3.84	3.76	6.19	66.82	ppb
Lead	206-1	0.25	0.28	0.24	0.26	6.59	ppb
Lead	207-1	0.20	0.27	0.22	0.23	15.93	ppb
Lead	208-1	0.22	0.26	0.23	0.24	6.97	ppb
Lithium	6-1						%
Magnesium	24-2	-35.36	-40.63	-37.89	-37.96		ppb
Manganese	55-2	0.14	0.22	0.16	0.18	23.33	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P7
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:32:39	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.11	0.25	0.24	0.20	40.57	ppb
Molybdenum	95-1	0.20	0.17	0.16	0.18	12.16	ppb
Molybdenum	96-1	0.16	0.14	0.15	0.15	8.71	ppb
Molybdenum	97-1	0.19	0.14	0.19	0.17	18.25	ppb
Molybdenum	98-1	0.16	0.12	0.16	0.14	15.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.39	-0.55	-0.08	-0.34		ppb
Phosphorus	31-2	-56.45	-6.59	26.14	-12.30		ppb
Potassium	39-2	7.95	-14.91	-11.32	-6.09		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.05	-0.70	-0.70	0.22	725.46	ppb
Selenium	78-2	0.21	0.15	2.42	0.93	140.06	ppb
Selenium	82-1	-0.77	-0.04	-0.68	-0.50		ppb
Silicon	28-1	-1450.60	-2680.88	-2336.39	-2155.96		ppb
Silver	109-1	0.01	0.03	0.02	0.02	35.42	ppb
Silver	107-1	0.00	0.01	0.03	0.01	118.66	ppb
Sodium	23-2	75.03	80.29	70.11	75.14	6.78	ppb
Strontium	86-1	-0.02	0.07	0.11	0.06	124.58	ppb
Strontium	88-1	0.01	0.02	0.01	0.01	23.04	ppb
Sulfur	34-1	-332.31	-1435.36	-1073.23	-946.96		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.04	0.05	0.04	13.10	ppb
Thallium	205-1	0.03	0.05	0.05	0.05	22.47	ppb
Tin	118-1	0.07	0.11	0.06	0.08	34.84	ppb
Titanium	47-1	0.28	0.11	0.14	0.18	49.19	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	97.14	ppb
Vanadium	51-2	0.04	0.05	0.05	0.04	14.67	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.11	-0.13	0.08	0.02	621.29	ppb
Zirconium	90-1	0.08	0.04	0.07	0.06	34.43	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P7
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:32:39	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.12	0.10	0.09	42.12	ppb

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:21:58	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	17	17	0.00	cps
Antimony	121-1	0	8	25	11	114.58	cps
Arsenic	75-2	0	2	4	2	100.00	cps
Barium	135-1	42	17	42	33	43.30	cps
Barium	137-1	25	58	42	42	40.00	cps
Beryllium	9-1	150	122	78	117	31.22	cps
Bismuth	209-1	4721293	4765430	4627363	4704695	1.50	cps
Bismuth	209-2	2319196	2319784	2373126	2337368	1.32	cps
Boron	10-1	8	42	42	31	62.99	cps
Boron	11-1	142	192	108	147	28.49	cps
Cadmium	111-1	1432	1388	1459	1426	2.51	cps
Cadmium	106-1	2050	1975	2092	2039	2.90	cps
Cadmium	108-1	4	17	8	10	65.47	cps
Calcium	43-1	117	142	133	131	9.75	cps
Calcium	44-1	395523	393216	391976	393572	0.46	cps
Chromium	52-2	110	113	110	111	1.74	cps
Cobalt	59-2	73	83	90	82	10.21	cps
Copper	63-2	1113	1003	897	1004	10.79	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	33	8	8	17	86.62	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	25	50	33	36	35.25	cps
Gadolinium	160-2	30	30	33	31	6.18	cps
Holmium	165-1	6379674	6402318	6272948	6351647	1.09	cps
Holmium	165-2	2816392	2849045	2879419	2848285	1.11	cps
Indium	115-1	4126008	4111980	4031094	4089694	1.25	cps
Indium	115-2	665189	669746	678571	671169	1.01	cps
Iron	56-2	1728	1822	1683	1745	4.07	cps
Iron	57-2	67	28	100	65	55.77	cps
Lead	206-1	339	217	239	265	24.59	cps
Lead	207-1	250	244	294	263	10.42	cps
Lead	208-1	1189	1094	1056	1113	6.16	cps
Lithium	6-1	3656630	3700507	3661034	3672724	0.66	cps
Magnesium	24-2	6218	6110	5693	6007	4.62	cps
Manganese	55-2	20	50	30	33	45.83	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:21:58	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	125	133	75	111	28.40	cps
Molybdenum	95-1	8	8	8	8	0.00	cps
Molybdenum	96-1	33	83	75	64	41.93	cps
Molybdenum	97-1	17	25	0	14	91.65	cps
Molybdenum	98-1	17	25	50	31	56.77	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	690	770	800	753	7.55	cps
Phosphorus	31-2	325	308	275	303	8.41	cps
Potassium	39-2	22142	22084	22326	22184	0.57	cps
Rhodium	103-1	3481889	3462849	3414968	3453236	1.00	cps
Rhodium	103-2	1537858	1550187	1575007	1554351	1.22	cps
Scandium	45-1	2979584	3002014	2875699	2952432	2.28	cps
Scandium	45-2	119858	119850	120763	120157	0.44	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	7	6	13	9	44.56	cps
Selenium	82-1	-17	-36	4	-16	-121.87	cps
Silicon	28-1	69712985	70035954	69946012	69898317	0.24	cps
Silver	109-1	25	25	25	25	0.00	cps
Silver	107-1	100	58	83	81	26.03	cps
Sodium	23-2	10045	9779	9520	9781	2.69	cps
Strontium	86-1	150	150	108	136	17.67	cps
Strontium	88-1	125	175	92	131	32.13	cps
Sulfur	34-1	581502	576037	578401	578647	0.47	cps
Terbium	159-1	6437569	6396377	6319211	6384386	0.94	cps
Terbium	159-2	2691893	2735562	2760323	2729259	1.27	cps
Thallium	203-1	50	33	8	31	68.64	cps
Thallium	205-1	92	67	67	75	19.24	cps
Tin	118-1	392	308	258	319	21.09	cps
Titanium	47-1	217	200	275	231	17.08	cps
Uranium	238-1	83	42	17	47	71.32	cps
Vanadium	51-2	0	3	0	1	173.21	cps
Yttrium	89-1	3932306	3941949	3889115	3921123	0.72	cps
Yttrium	89-2	483221	487649	490293	487054	0.73	cps
Zinc	66-2	87	67	60	71	19.52	cps
Zirconium	90-1	142	250	208	200	27.32	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:21:58	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	8	67	42	39	75.26	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:29:55	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	858	725	892	825	10.69	cps
Antimony	121-1	5576	5676	5568	5607	1.08	cps
Arsenic	75-2	59	80	93	77	21.78	cps
Barium	135-1	6685	6502	7002	6730	3.76	cps
Barium	137-1	11881	11547	11714	11714	1.42	cps
Beryllium	9-1	1772	1572	1767	1704	6.69	cps
Bismuth	209-1	4659518	4597845	4679240	4645534	0.91	cps
Bismuth	209-2	2264635	2309751	2320048	2298145	1.28	cps
Boron	10-1	3767	4659	4176	4201	10.63	cps
Boron	11-1	16743	18328	18462	17844	5.36	cps
Cadmium	111-1	2077	2025	1900	2001	4.54	cps
Cadmium	106-1	2184	1984	1959	2042	6.04	cps
Cadmium	108-1	50	67	42	53	24.12	cps
Calcium	43-1	5293	4768	5276	5112	5.84	cps
Calcium	44-1	473009	479152	474348	475503	0.68	cps
Chromium	52-2	1890	1893	1730	1838	5.08	cps
Cobalt	59-2	1480	1360	1367	1402	4.81	cps
Copper	63-2	2807	2874	2640	2774	4.33	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	17	17	22	43.30	cps
Erbium	164-2	23	3	17	14	70.51	cps
Gadolinium	160-1	25	42	8	25	66.68	cps
Gadolinium	160-2	30	20	37	29	29.04	cps
Holmium	165-1	6335582	6273087	6386485	6331718	0.90	cps
Holmium	165-2	2764029	2829690	2815392	2803037	1.23	cps
Indium	115-1	4084481	4024079	4111222	4073261	1.10	cps
Indium	115-2	649183	665529	665379	660030	1.42	cps
Iron	56-2	34346	33767	34803	34305	1.51	cps
Iron	57-2	1006	839	856	900	10.20	cps
Lead	206-1	3189	3345	3412	3315	3.44	cps
Lead	207-1	2834	2867	2939	2880	1.87	cps
Lead	208-1	13003	13053	13192	13083	0.75	cps
Lithium	6-1	3652009	3598333	3686117	3645486	1.21	cps
Magnesium	24-2	58774	57445	58407	58209	1.18	cps
Manganese	55-2	423	493	433	450	8.41	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:29:55	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5084	4843	4751	4893	3.52	cps
Molybdenum	95-1	6035	6110	6043	6063	0.68	cps
Molybdenum	96-1	6493	6152	6460	6368	2.96	cps
Molybdenum	97-1	3526	3717	3834	3692	4.22	cps
Molybdenum	98-1	9645	9253	9720	9540	2.63	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1087	1097	1043	1076	2.64	cps
Phosphorus	31-2	333	283	267	294	11.78	cps
Potassium	39-2	52394	55154	54460	54002	2.66	cps
Rhodium	103-1	3462461	3391441	3478485	3444129	1.35	cps
Rhodium	103-2	1512321	1542757	1545921	1533666	1.21	cps
Scandium	45-1	2967456	2906904	2995651	2956670	1.53	cps
Scandium	45-2	117824	120965	119387	119392	1.32	cps
Selenium	77-2	0	7	13	7	99.98	cps
Selenium	78-2	28	26	22	25	11.19	cps
Selenium	82-1	225	179	212	205	11.54	cps
Silicon	28-1	68863749	68853043	69434912	69050568	0.48	cps
Silver	109-1	3067	2909	3426	3134	8.45	cps
Silver	107-1	3326	3017	3242	3195	4.99	cps
Sodium	23-2	109590	110253	109448	109764	0.39	cps
Strontium	86-1	958	833	875	889	7.16	cps
Strontium	88-1	7169	6894	7219	7094	2.47	cps
Sulfur	34-1	583636	581282	579644	581520	0.35	cps
Terbium	159-1	6338816	6288703	6383341	6336953	0.75	cps
Terbium	159-2	2647248	2705646	2711520	2688138	1.32	cps
Thallium	203-1	3426	3876	3851	3717	6.81	cps
Thallium	205-1	9270	9170	8812	9084	2.65	cps
Tin	118-1	11355	11330	10855	11180	2.52	cps
Titanium	47-1	2159	2342	2159	2220	4.77	cps
Uranium	238-1	12832	13424	12732	12996	2.88	cps
Vanadium	51-2	3160	3194	3264	3206	1.65	cps
Yttrium	89-1	3903204	3871674	3929620	3901499	0.74	cps
Yttrium	89-2	473466	485465	486947	481959	1.53	cps
Zinc	66-2	330	303	313	316	4.27	cps
Zirconium	90-1	3951	3701	3926	3859	3.57	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:29:55	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	842	1042	992	958	10.86	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:33:45	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46456	49366	47870	47897	3.04	cps
Antimony	121-1	151932	150497	155266	152565	1.60	cps
Arsenic	75-2	4132	3932	4073	4046	2.54	cps
Barium	135-1	193640	195412	192895	193982	0.67	cps
Barium	137-1	338243	339301	335236	337593	0.62	cps
Beryllium	9-1	84652	84171	83836	84220	0.49	cps
Bismuth	209-1	4844307	4626475	4594810	4688531	2.90	cps
Bismuth	209-2	2317008	2295457	2293460	2301975	0.57	cps
Boron	10-1	8920	9378	9662	9320	4.02	cps
Boron	11-1	38926	40422	40263	39870	2.06	cps
Cadmium	111-1	37466	36911	37543	37307	0.92	cps
Cadmium	106-1	6527	5801	6352	6227	6.08	cps
Cadmium	108-1	2780	2871	3025	2892	4.30	cps
Calcium	43-1	51925	52703	52486	52371	0.77	cps
Calcium	44-1	1239225	1241906	1238625	1239918	0.14	cps
Chromium	52-2	44651	43942	45015	44536	1.23	cps
Cobalt	59-2	69584	68787	68395	68922	0.88	cps
Copper	63-2	98270	97381	98190	97947	0.50	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	8	8	14	69.31	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	25	0	25	17	86.60	cps
Gadolinium	160-2	27	23	17	22	22.91	cps
Holmium	165-1	6566095	6225437	6281574	6357702	2.87	cps
Holmium	165-2	2837492	2807231	2803195	2815972	0.67	cps
Indium	115-1	4208753	4019356	4028834	4085647	2.61	cps
Indium	115-2	660301	662850	656734	659962	0.47	cps
Iron	56-2	1827243	1837412	1833066	1832574	0.28	cps
Iron	57-2	44212	45526	45326	45021	1.57	cps
Lead	206-1	168075	170922	169369	169455	0.84	cps
Lead	207-1	150216	150200	148166	149527	0.79	cps
Lead	208-1	678542	682659	676445	679215	0.47	cps
Lithium	6-1	3693654	3604925	3592417	3630332	1.52	cps
Magnesium	24-2	608294	601539	604010	604614	0.57	cps
Manganese	55-2	50145	49737	48680	49521	1.53	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:33:45	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	271091	271562	268512	270388	0.61	cps
Molybdenum	95-1	327715	330122	331104	329647	0.53	cps
Molybdenum	96-1	362892	365724	364713	364443	0.39	cps
Molybdenum	97-1	203973	205485	205044	204834	0.38	cps
Molybdenum	98-1	532509	533897	533007	533138	0.13	cps
Neodymium	150-1	20	20	13	18	21.66	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	18625	18469	18715	18603	0.67	cps
Phosphorus	31-2	2217	2342	2284	2281	2.74	cps
Potassium	39-2	206722	207303	209204	207743	0.62	cps
Rhodium	103-1	3530256	3381159	3378100	3429838	2.54	cps
Rhodium	103-2	1529063	1529705	1526769	1528512	0.10	cps
Scandium	45-1	3085287	2919269	2917695	2974084	3.24	cps
Scandium	45-2	118879	118159	117844	118294	0.45	cps
Selenium	77-2	100	93	80	91	11.18	cps
Selenium	78-2	278	296	269	281	5.04	cps
Selenium	82-1	2164	2139	1995	2099	4.36	cps
Silicon	28-1	68692408	69066949	67950812	68570056	0.83	cps
Silver	109-1	163662	165608	163492	164254	0.72	cps
Silver	107-1	170955	170989	169926	170623	0.35	cps
Sodium	23-2	1149327	1141601	1142251	1144393	0.37	cps
Strontium	86-1	44327	43709	43784	43940	0.77	cps
Strontium	88-1	390445	389637	389722	389934	0.11	cps
Sulfur	34-1	596551	598860	591727	595713	0.61	cps
Terbium	159-1	6569557	6287574	6297736	6384956	2.51	cps
Terbium	159-2	2723235	2701150	2684260	2702882	0.72	cps
Thallium	203-1	204073	204810	203069	203984	0.43	cps
Thallium	205-1	492108	490212	486784	489701	0.55	cps
Tin	118-1	123599	124321	124245	124055	0.32	cps
Titanium	47-1	114986	117011	115826	115941	0.88	cps
Uranium	238-1	725014	729724	722007	725582	0.54	cps
Vanadium	51-2	36970	36759	37000	36910	0.36	cps
Yttrium	89-1	4024629	3846945	3843680	3905085	2.65	cps
Yttrium	89-2	484281	483970	481870	483374	0.27	cps
Zinc	66-2	13520	13513	13373	13469	0.62	cps
Zirconium	90-1	221621	221824	224582	222676	0.74	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:33:45	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	50431	50239	50055	50242	0.37	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:37:35	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	113394	113092	115116	113867	0.96	cps
Antimony	121-1	386487	385582	383863	385311	0.35	cps
Arsenic	75-2	9323	9668	9816	9603	2.63	cps
Barium	135-1	466943	467125	466768	466945	0.04	cps
Barium	137-1	823552	827689	825368	825536	0.25	cps
Beryllium	9-1	205622	206671	207547	206613	0.47	cps
Bismuth	209-1	4762522	4466172	4611345	4613346	3.21	cps
Bismuth	209-2	2293164	2312931	2306783	2304293	0.44	cps
Boron	10-1	23210	23210	23193	23205	0.04	cps
Boron	11-1	96046	99853	99359	98419	2.10	cps
Cadmium	111-1	88833	89508	89429	89257	0.41	cps
Cadmium	106-1	12690	11780	12406	12292	3.78	cps
Cadmium	108-1	6973	7052	7048	7024	0.63	cps
Calcium	43-1	126520	129521	126092	127378	1.47	cps
Calcium	44-1	2442884	2459117	2449570	2450524	0.33	cps
Chromium	52-2	107290	107193	106823	107102	0.23	cps
Cobalt	59-2	165663	166609	164871	165715	0.53	cps
Copper	63-2	231170	233716	235981	233622	1.03	cps
Dysprosium	156-1	25	33	8	22	57.29	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	8	58	17	28	96.44	cps
Erbium	164-2	0	13	3	6	124.93	cps
Gadolinium	160-1	8	17	25	17	50.01	cps
Gadolinium	160-2	20	23	20	21	9.11	cps
Holmium	165-1	6354404	6164298	6294203	6270968	1.55	cps
Holmium	165-2	2816223	2840921	2847007	2834717	0.58	cps
Indium	115-1	4145143	3919928	3989940	4018337	2.87	cps
Indium	115-2	654855	655072	660831	656919	0.52	cps
Iron	56-2	4446302	4441443	4461108	4449618	0.23	cps
Iron	57-2	108089	106981	110194	108421	1.50	cps
Lead	206-1	410786	412464	411113	411455	0.22	cps
Lead	207-1	366501	364574	367733	366269	0.43	cps
Lead	208-1	1656694	1660959	1661459	1659704	0.16	cps
Lithium	6-1	3703948	3541247	3598402	3614532	2.28	cps
Magnesium	24-2	1449346	1453990	1455807	1453048	0.23	cps
Manganese	55-2	119181	119477	119732	119463	0.23	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:37:35	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	658929	658388	662020	659779	0.30	cps
Molybdenum	95-1	803659	806846	798246	802917	0.54	cps
Molybdenum	96-1	895601	895298	893939	894946	0.10	cps
Molybdenum	97-1	503867	501069	503450	502795	0.30	cps
Molybdenum	98-1	1308048	1306669	1306774	1307164	0.06	cps
Neodymium	150-1	67	33	60	53	33.08	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	43411	43478	43605	43498	0.23	cps
Phosphorus	31-2	4926	5201	5418	5182	4.76	cps
Potassium	39-2	464324	467330	464201	465285	0.38	cps
Rhodium	103-1	3458820	3269130	3322404	3350118	2.92	cps
Rhodium	103-2	1506681	1523301	1521235	1517072	0.60	cps
Scandium	45-1	3007355	2860690	2912412	2926819	2.54	cps
Scandium	45-2	117488	118983	118805	118425	0.69	cps
Selenium	77-2	193	200	240	211	11.96	cps
Selenium	78-2	606	694	687	662	7.45	cps
Selenium	82-1	4882	5183	5018	5028	3.00	cps
Silicon	28-1	67586349	67724827	66875524	67395567	0.68	cps
Silver	109-1	399976	395483	393970	396476	0.79	cps
Silver	107-1	409653	411801	408286	409913	0.43	cps
Sodium	23-2	2747284	2768922	2782293	2766166	0.64	cps
Strontium	86-1	108155	108441	109398	108665	0.60	cps
Strontium	88-1	946903	956813	949362	951026	0.54	cps
Sulfur	34-1	611623	602395	603115	605711	0.85	cps
Terbium	159-1	6381512	6173405	6298851	6284589	1.67	cps
Terbium	159-2	2703336	2725948	2736103	2721796	0.62	cps
Thallium	203-1	494714	497383	497182	496426	0.30	cps
Thallium	205-1	1201687	1206458	1212263	1206803	0.44	cps
Tin	118-1	300873	302063	303366	302101	0.41	cps
Titanium	47-1	282852	282856	282531	282746	0.07	cps
Uranium	238-1	1781933	1791480	1773425	1782279	0.51	cps
Vanadium	51-2	88678	88597	89030	88768	0.26	cps
Yttrium	89-1	3976717	3776821	3838842	3864127	2.65	cps
Yttrium	89-2	480813	482036	487254	483367	0.71	cps
Zinc	66-2	32246	32049	32513	32269	0.72	cps
Zirconium	90-1	553995	559957	556613	556855	0.54	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:37:35	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	124613	125085	123773	124490	0.53	cps

LB Number : LB92554 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 12:41:25 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	230406	228337	226295	228346	0.90	cps
Antimony	121-1	767332	765480	768737	767183	0.21	cps
Arsenic	75-2	19634	19183	19354	19390	1.17	cps
Barium	135-1	931707	937032	929300	932680	0.42	cps
Barium	137-1	1632832	1656784	1642477	1644031	0.73	cps
Beryllium	9-1	404811	402188	402168	403056	0.38	cps
Bismuth	209-1	4705409	4432651	4510399	4549486	3.09	cps
Bismuth	209-2	2194365	2273889	2264523	2244259	1.94	cps
Boron	10-1	44825	46038	47342	46068	2.73	cps
Boron	11-1	194907	199962	200438	198436	1.54	cps
Cadmium	111-1	174008	174716	174868	174531	0.26	cps
Cadmium	106-1	22518	22569	22360	22482	0.48	cps
Cadmium	108-1	14015	13920	13990	13975	0.36	cps
Calcium	43-1	248056	251736	251468	250420	0.82	cps
Calcium	44-1	4482592	4483249	4480607	4482149	0.03	cps
Chromium	52-2	215767	211186	210641	212531	1.32	cps
Cobalt	59-2	329858	326177	326879	327638	0.60	cps
Copper	63-2	460404	460715	456265	459128	0.54	cps
Dysprosium	156-1	33	33	33	33	0.00	cps
Dysprosium	156-2	7	10	13	10	33.30	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	13	20	17	17	20.01	cps
Gadolinium	160-1	0	25	42	22	94.38	cps
Gadolinium	160-2	13	23	20	19	26.96	cps
Holmium	165-1	6505229	6183285	6231905	6306806	2.75	cps
Holmium	165-2	2750833	2826951	2814762	2797515	1.46	cps
Indium	115-1	4109036	3904129	3940731	3984632	2.74	cps
Indium	115-2	634851	654085	651474	646803	1.61	cps
Iron	56-2	8857471	8747840	8756679	8787330	0.69	cps
Iron	57-2	214832	212155	213290	213426	0.63	cps
Lead	206-1	813503	809685	808854	810681	0.31	cps
Lead	207-1	724882	719063	720732	721559	0.42	cps
Lead	208-1	3277613	3272265	3273950	3274609	0.08	cps
Lithium	6-1	3673388	3489924	3540597	3567970	2.66	cps
Magnesium	24-2	2915602	2890985	2878844	2895144	0.65	cps
Manganese	55-2	240587	238736	237139	238821	0.72	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:41:25	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1318703	1316722	1315762	1317062	0.11	cps
Molybdenum	95-1	1608966	1606469	1593969	1603135	0.50	cps
Molybdenum	96-1	1779316	1785180	1789715	1784737	0.29	cps
Molybdenum	97-1	998785	999746	1000802	999778	0.10	cps
Molybdenum	98-1	2618509	2625337	2605761	2616536	0.38	cps
Neodymium	150-1	80	60	87	76	18.37	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	84693	85521	84998	85071	0.49	cps
Phosphorus	31-2	9670	9662	10296	9876	3.68	cps
Potassium	39-2	916320	911833	902874	910342	0.75	cps
Rhodium	103-1	3420070	3242354	3303187	3321870	2.72	cps
Rhodium	103-2	1463934	1499654	1486577	1483388	1.22	cps
Scandium	45-1	2987867	2847439	2906236	2913847	2.42	cps
Scandium	45-2	112853	116437	116063	115118	1.71	cps
Selenium	77-2	370	407	380	386	4.92	cps
Selenium	78-2	1259	1333	1243	1278	3.78	cps
Selenium	82-1	10167	10170	10036	10124	0.75	cps
Silicon	28-1	68148035	68343077	67913095	68134736	0.32	cps
Silver	109-1	780587	787493	791014	786365	0.67	cps
Silver	107-1	811169	817809	809726	812901	0.53	cps
Sodium	23-2	5500905	5437840	5442362	5460369	0.64	cps
Strontium	86-1	213913	213591	214386	213963	0.19	cps
Strontium	88-1	1896616	1886980	1901442	1895013	0.39	cps
Sulfur	34-1	636591	637795	639843	638076	0.26	cps
Terbium	159-1	6510036	6191316	6241736	6314363	2.71	cps
Terbium	159-2	2647813	2716051	2694714	2686193	1.30	cps
Thallium	203-1	987030	983968	982323	984440	0.24	cps
Thallium	205-1	2403512	2412922	2392490	2402975	0.43	cps
Tin	118-1	600567	598691	601481	600246	0.24	cps
Titanium	47-1	562922	559008	561694	561208	0.36	cps
Uranium	238-1	3609086	3601538	3572390	3594338	0.54	cps
Vanadium	51-2	177917	178279	175409	177202	0.88	cps
Yttrium	89-1	3952990	3765024	3809943	3842652	2.55	cps
Yttrium	89-2	471205	482041	478877	477374	1.17	cps
Zinc	66-2	63293	63514	62891	63233	0.50	cps
Zirconium	90-1	1102810	1109207	1098550	1103522	0.49	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:41:25	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	244706	246257	245800	245588	0.32	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:45:11	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	443139	444333	446345	444606	0.36	cps
Antimony	121-1	1501544	1509088	1524182	1511604	0.76	cps
Arsenic	75-2	37480	37574	37786	37613	0.42	cps
Barium	135-1	1840126	1850125	1859993	1850081	0.54	cps
Barium	137-1	3252660	3262453	3279017	3264710	0.41	cps
Beryllium	9-1	783066	786299	787398	785588	0.29	cps
Bismuth	209-1	4537295	4414261	4220932	4390829	3.63	cps
Bismuth	209-2	2213118	2228500	2216206	2219275	0.37	cps
Boron	10-1	87989	90042	90511	89514	1.50	cps
Boron	11-1	377368	387652	389881	384967	1.73	cps
Cadmium	111-1	340906	341137	339973	340672	0.18	cps
Cadmium	106-1	42431	42289	42975	42565	0.85	cps
Cadmium	108-1	27890	27535	27410	27612	0.90	cps
Calcium	43-1	494615	495475	494657	494916	0.10	cps
Calcium	44-1	6833545	6853658	6854681	6847295	0.17	cps
Chromium	52-2	410000	411212	413471	411561	0.43	cps
Cobalt	59-2	628736	630973	634391	631367	0.45	cps
Copper	63-2	876264	881450	886688	881468	0.59	cps
Dysprosium	156-1	17	67	58	47	56.72	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	8	0	33	14	124.91	cps
Erbium	164-2	17	27	17	20	28.86	cps
Gadolinium	160-1	8	33	25	22	57.29	cps
Gadolinium	160-2	30	33	40	34	14.78	cps
Holmium	165-1	6352066	6214069	5994931	6187022	2.91	cps
Holmium	165-2	2801460	2809321	2775001	2795261	0.64	cps
Indium	115-1	3959062	3877552	3734956	3857190	2.94	cps
Indium	115-2	636712	635324	637537	636524	0.18	cps
Iron	56-2	16929390	16867869	16973432	16923564	0.31	cps
Iron	57-2	409765	411872	415372	412336	0.69	cps
Lead	206-1	1599792	1610788	1612863	1607814	0.44	cps
Lead	207-1	1422053	1430625	1429980	1427552	0.33	cps
Lead	208-1	6474278	6492919	6493901	6487033	0.17	cps
Lithium	6-1	3505145	3466698	3364947	3445597	2.10	cps
Magnesium	24-2	5620934	5621657	5630798	5624463	0.10	cps
Manganese	55-2	459842	461258	462305	461135	0.27	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:45:11	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2608075	2602350	2609539	2606655	0.15	cps
Molybdenum	95-1	3172353	3175163	3186914	3178144	0.24	cps
Molybdenum	96-1	3545081	3563908	3556045	3555011	0.27	cps
Molybdenum	97-1	1981976	1985131	1983659	1983589	0.08	cps
Molybdenum	98-1	5190492	5212038	5243407	5215312	0.51	cps
Neodymium	150-1	153	193	120	156	23.61	cps
Neodymium	150-2	7	17	10	11	45.82	cps
Nickel	60-2	162273	162310	163011	162531	0.26	cps
Phosphorus	31-2	19672	18863	19255	19263	2.10	cps
Potassium	39-2	1756227	1749224	1768681	1758044	0.56	cps
Rhodium	103-1	3264511	3204197	3080579	3183096	2.95	cps
Rhodium	103-2	1448958	1444843	1441906	1445236	0.25	cps
Scandium	45-1	2928569	2842514	2706937	2826007	3.95	cps
Scandium	45-2	114827	114146	115288	114753	0.50	cps
Selenium	77-2	757	697	680	711	5.67	cps
Selenium	78-2	2491	2532	2574	2532	1.65	cps
Selenium	82-1	19700	19654	19770	19708	0.30	cps
Silicon	28-1	68556835	68440097	68493693	68496875	0.09	cps
Silver	109-1	1542251	1540649	1539688	1540863	0.08	cps
Silver	107-1	1586988	1587188	1593575	1589250	0.24	cps
Sodium	23-2	10656002	10663827	10627339	10649056	0.18	cps
Strontium	86-1	420310	420485	422278	421024	0.26	cps
Strontium	88-1	3723998	3751237	3752163	3742466	0.43	cps
Sulfur	34-1	721973	723016	725861	723617	0.28	cps
Terbium	159-1	6349723	6184234	6005974	6179977	2.78	cps
Terbium	159-2	2673455	2682759	2657664	2671292	0.47	cps
Thallium	203-1	1952273	1953281	1953902	1953152	0.04	cps
Thallium	205-1	4783134	4807571	4787730	4792811	0.27	cps
Tin	118-1	1174297	1184241	1180986	1179841	0.43	cps
Titanium	47-1	1099167	1101007	1102777	1100984	0.16	cps
Uranium	238-1	7067650	7060218	7079547	7069138	0.14	cps
Vanadium	51-2	344544	342327	343357	343409	0.32	cps
Yttrium	89-1	3833209	3756497	3626412	3738706	2.80	cps
Yttrium	89-2	473301	470278	468048	470542	0.56	cps
Zinc	66-2	121073	120300	121110	120828	0.38	cps
Zirconium	90-1	2181659	2188918	2206270	2192283	0.58	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:45:11	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	482211	486965	490865	486680	0.89	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:48:55	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	850272	864462	858238	857657	0.83	cps
Antimony	121-1	2968014	2936648	2967152	2957271	0.60	cps
Arsenic	75-2	72010	72699	72377	72362	0.48	cps
Barium	135-1	3672546	3634316	3663515	3656792	0.55	cps
Barium	137-1	6377126	6450787	6378191	6402035	0.66	cps
Beryllium	9-1	1496934	1490233	1501162	1496110	0.37	cps
Bismuth	209-1	4484418	4388915	4330867	4401400	1.76	cps
Bismuth	209-2	2143929	2090722	2120967	2118539	1.26	cps
Boron	10-1	168848	173770	178566	173728	2.80	cps
Boron	11-1	736066	756054	760518	750879	1.73	cps
Cadmium	111-1	648865	650540	654193	651199	0.42	cps
Cadmium	106-1	79900	79842	79616	79786	0.19	cps
Cadmium	108-1	53049	52154	52635	52613	0.85	cps
Calcium	43-1	963072	952560	956045	957226	0.56	cps
Calcium	44-1	12950302	12920188	12965163	12945217	0.18	cps
Chromium	52-2	791718	800360	798143	796740	0.56	cps
Cobalt	59-2	1206149	1215349	1219417	1213639	0.56	cps
Copper	63-2	1684956	1696491	1685843	1689097	0.38	cps
Dysprosium	156-1	92	58	83	78	22.30	cps
Dysprosium	156-2	0	23	17	13	90.13	cps
Erbium	164-1	8	75	17	33	108.97	cps
Erbium	164-2	17	17	7	13	43.29	cps
Gadolinium	160-1	33	25	67	42	52.91	cps
Gadolinium	160-2	33	47	17	32	46.65	cps
Holmium	165-1	6235771	6233460	6159679	6209637	0.70	cps
Holmium	165-2	2743311	2681132	2715770	2713405	1.15	cps
Indium	115-1	3904555	3812972	3779247	3832258	1.69	cps
Indium	115-2	612524	598743	601393	604220	1.21	cps
Iron	56-2	32642472	32886836	32703958	32744422	0.39	cps
Iron	57-2	802208	803636	803398	803081	0.10	cps
Lead	206-1	3125623	3125627	3139811	3130354	0.26	cps
Lead	207-1	2790260	2790035	2785500	2788598	0.10	cps
Lead	208-1	12753989	12736924	12758729	12749881	0.09	cps
Lithium	6-1	3510038	3422708	3379310	3437352	1.94	cps
Magnesium	24-2	10789540	10895097	10865182	10849940	0.50	cps
Manganese	55-2	883666	893723	890200	889196	0.57	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:48:55	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5134079	5126590	5139410	5133360	0.13	cps
Molybdenum	95-1	6188922	6203174	6215787	6202628	0.22	cps
Molybdenum	96-1	6913355	6900796	6915648	6909933	0.12	cps
Molybdenum	97-1	3881952	3872671	3861141	3871921	0.27	cps
Molybdenum	98-1	10177040	10103339	10157894	10146091	0.38	cps
Neodymium	150-1	333	287	447	356	23.14	cps
Neodymium	150-2	17	27	13	19	36.75	cps
Nickel	60-2	309793	310481	308521	309598	0.32	cps
Phosphorus	31-2	36011	36747	36704	36487	1.13	cps
Potassium	39-2	3372356	3392615	3393670	3386213	0.35	cps
Rhodium	103-1	3216682	3140485	3094256	3150475	1.96	cps
Rhodium	103-2	1394932	1353453	1371601	1373328	1.51	cps
Scandium	45-1	2865215	2835318	2765742	2822092	1.81	cps
Scandium	45-2	111092	109468	110041	110200	0.75	cps
Selenium	77-2	1487	1573	1490	1517	3.24	cps
Selenium	78-2	4906	4893	4968	4922	0.80	cps
Selenium	82-1	37140	37551	37716	37469	0.79	cps
Silicon	28-1	69117031	68440889	69129127	68895682	0.57	cps
Silver	109-1	2963659	2967021	2972620	2967767	0.15	cps
Silver	107-1	3073915	3069949	3073876	3072580	0.07	cps
Sodium	23-2	20434671	20593851	20476318	20501613	0.40	cps
Strontium	86-1	822782	820016	818825	820541	0.25	cps
Strontium	88-1	7251965	7257366	7265424	7258251	0.09	cps
Sulfur	34-1	877823	871218	873904	874315	0.38	cps
Terbium	159-1	6207310	6227172	6180993	6205158	0.37	cps
Terbium	159-2	2623408	2559947	2597424	2593593	1.23	cps
Thallium	203-1	3845268	3818437	3847832	3837179	0.42	cps
Thallium	205-1	9313030	9293126	9387031	9331062	0.53	cps
Tin	118-1	2300633	2290804	2298338	2296591	0.22	cps
Titanium	47-1	2142418	2133854	2122282	2132851	0.47	cps
Uranium	238-1	13818300	13780161	13855647	13818036	0.27	cps
Vanadium	51-2	664135	675469	669558	669720	0.85	cps
Yttrium	89-1	3820971	3722425	3686268	3743221	1.86	cps
Yttrium	89-2	460199	449559	454624	454794	1.17	cps
Zinc	66-2	230811	231616	230358	230928	0.28	cps
Zirconium	90-1	4315861	4306664	4306992	4309839	0.12	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:48:55	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	948637	945527	951183	948449	0.30	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:52:39	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4277181	4287272	4324692	4296382	0.58	cps
Antimony	121-1	7402	7903	7119	7475	5.31	cps
Arsenic	75-2	28	37	44	36	22.92	cps
Barium	135-1	1200	1258	1308	1256	4.32	cps
Barium	137-1	2484	1825	2084	2131	15.57	cps
Beryllium	9-1	1989	1745	1817	1850	6.79	cps
Bismuth	209-1	3819705	3763516	3907849	3830356	1.90	cps
Bismuth	209-2	1889515	1916404	1962914	1922944	1.93	cps
Boron	10-1	7119	5993	5259	6124	15.29	cps
Boron	11-1	28478	25088	23119	25562	10.60	cps
Cadmium	111-1	1423	1368	1331	1374	3.35	cps
Cadmium	106-1	1875	1809	1800	1828	2.25	cps
Cadmium	108-1	33	33	29	32	7.52	cps
Calcium	43-1	4650132	4642497	4618898	4637175	0.35	cps
Calcium	44-1	60548972	60286035	60174070	60336359	0.32	cps
Chromium	52-2	6798	7112	7022	6977	2.31	cps
Cobalt	59-2	1473	1547	1440	1487	3.67	cps
Copper	63-2	3100	2780	3020	2967	5.61	cps
Dysprosium	156-1	100	33	8	47	100.35	cps
Dysprosium	156-2	20	7	3	10	88.20	cps
Erbium	164-1	50	17	50	39	49.48	cps
Erbium	164-2	7	17	3	9	78.08	cps
Gadolinium	160-1	33	17	50	33	50.00	cps
Gadolinium	160-2	30	13	23	22	37.76	cps
Holmium	165-1	5782465	5710355	5836794	5776538	1.10	cps
Holmium	165-2	2571977	2607843	2644170	2607997	1.38	cps
Indium	115-1	3495832	3438089	3534375	3489432	1.39	cps
Indium	115-2	569442	584981	594972	583132	2.21	cps
Iron	56-2	156460965	155945042	157152559	156519522	0.39	cps
Iron	57-2	3863172	3869183	3874311	3868889	0.14	cps
Lead	206-1	5857	5990	5835	5894	1.43	cps
Lead	207-1	4634	4868	5118	4873	4.96	cps
Lead	208-1	22658	22819	22886	22788	0.51	cps
Lithium	6-1	3171203	3122546	3210945	3168231	1.40	cps
Magnesium	24-2	54304326	54544055	54729497	54525960	0.39	cps
Manganese	55-2	2190	2040	2197	2142	4.14	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:52:39	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2934	2942	2634	2837	6.19	cps
Molybdenum	95-1	4509	4351	4293	4384	2.56	cps
Molybdenum	96-1	4893	4643	4476	4670	4.49	cps
Molybdenum	97-1	2700	2717	2500	2639	4.57	cps
Molybdenum	98-1	7302	6743	6310	6785	7.33	cps
Neodymium	150-1	47	87	33	56	49.96	cps
Neodymium	150-2	7	17	17	13	43.29	cps
Nickel	60-2	2300	2064	2290	2218	6.04	cps
Phosphorus	31-2	258	275	200	244	16.11	cps
Potassium	39-2	16375942	16376347	16506425	16419571	0.46	cps
Rhodium	103-1	2790611	2758703	2812738	2787351	0.97	cps
Rhodium	103-2	1248777	1267569	1292339	1269562	1.72	cps
Scandium	45-1	2639955	2608823	2684306	2644361	1.43	cps
Scandium	45-2	106866	110220	112151	109745	2.44	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	17	9	17	14	30.13	cps
Selenium	82-1	12	35	25	24	48.58	cps
Silicon	28-1	64705926	65039939	64969016	64904960	0.27	cps
Silver	109-1	292	317	283	297	5.84	cps
Silver	107-1	342	325	342	336	2.86	cps
Sodium	23-2	99719542	99774979	100154338	99882953	0.24	cps
Strontium	86-1	25874	26433	25449	25919	1.91	cps
Strontium	88-1	230490	228102	224224	227605	1.39	cps
Sulfur	34-1	534448	532478	533598	533508	0.19	cps
Terbium	159-1	5776893	5711633	5851714	5780080	1.21	cps
Terbium	159-2	2458457	2491116	2535360	2494977	1.55	cps
Thallium	203-1	1442	1425	1192	1353	10.33	cps
Thallium	205-1	3567	3226	3092	3295	7.44	cps
Tin	118-1	3351	3192	3050	3198	4.69	cps
Titanium	47-1	983	942	933	953	2.81	cps
Uranium	238-1	1358	1484	1267	1370	7.94	cps
Vanadium	51-2	160	167	147	158	6.45	cps
Yttrium	89-1	3488060	3446180	3543899	3492713	1.40	cps
Yttrium	89-2	439796	445364	451841	445667	1.35	cps
Zinc	66-2	693	743	710	716	3.56	cps
Zirconium	90-1	1142	1433	1392	1322	11.93	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 12:52:39	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	250	325	250	275	15.75	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:06:04	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23394	24095	22869	23453	2.62	cps
Antimony	121-1	605940	604460	611533	607311	0.61	cps
Arsenic	75-2	15421	16011	15544	15659	1.99	cps
Barium	135-1	75790	76502	76820	76371	0.69	cps
Barium	137-1	131720	131644	135076	132813	1.48	cps
Beryllium	9-1	159562	160859	159203	159875	0.54	cps
Bismuth	209-1	4651575	4564290	4546366	4587411	1.23	cps
Bismuth	209-2	2313658	2262468	2314805	2296977	1.30	cps
Boron	10-1	99333	97882	99351	98856	0.85	cps
Boron	11-1	426879	424706	434055	428546	1.14	cps
Cadmium	111-1	76712	75509	75549	75923	0.90	cps
Cadmium	106-1	19873	19339	19489	19567	1.41	cps
Cadmium	108-1	9216	8966	8878	9020	1.94	cps
Calcium	43-1	22393	22109	21850	22117	1.23	cps
Calcium	44-1	722777	716320	713611	717569	0.66	cps
Chromium	52-2	84668	84024	83944	84212	0.47	cps
Cobalt	59-2	135290	133241	133813	134115	0.79	cps
Copper	63-2	95851	95281	95157	95430	0.39	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	13	3	0	6	124.93	cps
Erbium	164-1	17	33	58	36	58.08	cps
Erbium	164-2	17	17	30	21	36.45	cps
Gadolinium	160-1	58	25	42	42	40.00	cps
Gadolinium	160-2	40	33	23	32	26.04	cps
Holmium	165-1	6360729	6220304	6201372	6260802	1.39	cps
Holmium	165-2	2827778	2786889	2821486	2812051	0.78	cps
Indium	115-1	4023764	3971082	3953479	3982775	0.92	cps
Indium	115-2	655736	642032	651719	649829	1.08	cps
Iron	56-2	709473	717529	709810	712271	0.64	cps
Iron	57-2	17989	18184	17828	18000	0.99	cps
Lead	206-1	674081	674652	674397	674377	0.04	cps
Lead	207-1	574808	578138	572289	575078	0.51	cps
Lead	208-1	2664730	2655670	2655379	2658593	0.20	cps
Lithium	6-1	3618248	3540423	3501835	3553502	1.67	cps
Magnesium	24-2	138645	139141	139005	138930	0.18	cps
Manganese	55-2	47420	47794	46918	47377	0.93	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:06:04	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1211444	1207886	1209985	1209772	0.15	cps
Molybdenum	95-1	639187	634652	634857	636232	0.40	cps
Molybdenum	96-1	823218	822576	826116	823970	0.23	cps
Molybdenum	97-1	397568	393779	398226	396525	0.61	cps
Molybdenum	98-1	1037696	1037278	1038111	1037695	0.04	cps
Neodymium	150-1	7	0	27	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	35222	35336	34905	35154	0.64	cps
Phosphorus	31-2	367	242	275	294	21.98	cps
Potassium	39-2	162456	161984	162691	162377	0.22	cps
Rhodium	103-1	3399544	3345381	3318940	3354622	1.22	cps
Rhodium	103-2	1522985	1496154	1528829	1515989	1.15	cps
Scandium	45-1	2926709	2886061	2857254	2890008	1.21	cps
Scandium	45-2	116165	112557	117340	115354	2.16	cps
Selenium	77-2	410	320	267	332	21.81	cps
Selenium	78-2	1117	1048	1128	1098	3.93	cps
Selenium	82-1	8376	8105	8186	8222	1.69	cps
Silicon	28-1	65965795	66159987	65880099	66001961	0.22	cps
Silver	109-1	321350	320048	318838	320079	0.39	cps
Silver	107-1	333236	329701	331208	331382	0.54	cps
Sodium	23-2	449241	449170	448564	448992	0.08	cps
Strontium	86-1	433088	429039	428682	430270	0.57	cps
Strontium	88-1	3859604	3841693	3840068	3847122	0.28	cps
Sulfur	34-1	542823	542360	539931	541705	0.29	cps
Terbium	159-1	6357408	6266707	6235272	6286462	1.01	cps
Terbium	159-2	2721780	2661834	2727126	2703580	1.34	cps
Thallium	203-1	822276	816541	822521	820446	0.41	cps
Thallium	205-1	2004257	2012939	1992454	2003216	0.51	cps
Tin	118-1	1199679	1192899	1208804	1200461	0.66	cps
Titanium	47-1	225041	223747	222926	223905	0.48	cps
Uranium	238-1	7276897	7280833	7295015	7284248	0.13	cps
Vanadium	51-2	69958	69724	70327	70003	0.43	cps
Yttrium	89-1	3874791	3835562	3792895	3834416	1.07	cps
Yttrium	89-2	484154	474778	482003	480311	1.02	cps
Zinc	66-2	27045	27132	27389	27189	0.66	cps
Zirconium	90-1	2317587	2303641	2319686	2313638	0.38	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:06:04	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	511765	519399	515759	515641	0.74	cps

LB Number : LB92554 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 13:30:08 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	8	11	43.34	cps
Antimony	121-1	367	292	375	344	13.33	cps
Arsenic	75-2	0	6	0	2	173.21	cps
Barium	135-1	75	25	58	53	48.24	cps
Barium	137-1	67	58	75	67	12.49	cps
Beryllium	9-1	278	344	378	333	15.28	cps
Bismuth	209-1	4513916	4421890	4455730	4463845	1.04	cps
Bismuth	209-2	2173433	2194404	2242760	2203532	1.61	cps
Boron	10-1	483	442	492	472	5.67	cps
Boron	11-1	1892	1975	2059	1975	4.22	cps
Cadmium	111-1	1464	1404	1420	1429	2.16	cps
Cadmium	106-1	2084	2009	2017	2036	2.02	cps
Cadmium	108-1	4	8	0	4	99.96	cps
Calcium	43-1	175	117	67	119	45.39	cps
Calcium	44-1	363504	361332	358614	361150	0.68	cps
Chromium	52-2	103	113	93	103	9.68	cps
Cobalt	59-2	97	117	97	103	11.17	cps
Copper	63-2	980	967	1057	1001	4.85	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	25	17	42	28	45.82	cps
Erbium	164-2	10	10	17	12	31.50	cps
Gadolinium	160-1	25	33	42	33	25.00	cps
Gadolinium	160-2	33	30	13	26	41.94	cps
Holmium	165-1	6098758	6062523	6103964	6088415	0.37	cps
Holmium	165-2	2693141	2718666	2761659	2724489	1.27	cps
Indium	115-1	3909572	3893958	3927085	3910205	0.42	cps
Indium	115-2	627307	630920	645342	634523	1.50	cps
Iron	56-2	3817	4051	4156	4008	4.33	cps
Iron	57-2	72	161	117	117	38.10	cps
Lead	206-1	300	344	328	324	6.93	cps
Lead	207-1	339	244	261	281	17.91	cps
Lead	208-1	1256	1245	1172	1224	3.70	cps
Lithium	6-1	3512082	3533640	3513551	3519758	0.34	cps
Magnesium	24-2	2100	1767	1884	1917	8.83	cps
Manganese	55-2	47	63	37	49	27.55	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:30:08	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	83	183	117	128	39.85	cps
Molybdenum	95-1	33	100	142	92	59.62	cps
Molybdenum	96-1	142	117	150	136	12.75	cps
Molybdenum	97-1	92	67	42	67	37.50	cps
Molybdenum	98-1	150	158	158	156	3.09	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	613	640	610	621	2.65	cps
Phosphorus	31-2	217	283	375	292	27.25	cps
Potassium	39-2	21925	22067	22426	22139	1.17	cps
Rhodium	103-1	3291587	3273528	3300488	3288534	0.42	cps
Rhodium	103-2	1461091	1466646	1498618	1475452	1.37	cps
Scandium	45-1	2837303	2805795	2851883	2831660	0.83	cps
Scandium	45-2	111795	112083	114988	112956	1.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	13	9	9	39.96	cps
Selenium	82-1	-1	-31	-2	-11	-152.04	cps
Silicon	28-1	64695768	64717339	64161308	64524805	0.49	cps
Silver	109-1	8	33	25	22	57.29	cps
Silver	107-1	67	67	67	67	0.00	cps
Sodium	23-2	14157	13440	13765	13787	2.61	cps
Strontium	86-1	117	158	192	156	24.16	cps
Strontium	88-1	158	125	100	128	22.90	cps
Sulfur	34-1	550847	546641	548771	548753	0.38	cps
Terbium	159-1	6149346	6072656	6101713	6107905	0.63	cps
Terbium	159-2	2575698	2595212	2648115	2606342	1.44	cps
Thallium	203-1	75	17	42	44	65.84	cps
Thallium	205-1	83	75	75	78	6.19	cps
Tin	118-1	400	517	425	447	13.74	cps
Titanium	47-1	225	183	192	200	11.02	cps
Uranium	238-1	33	8	8	17	86.62	cps
Vanadium	51-2	0	0	7	2	173.21	cps
Yttrium	89-1	3740973	3703746	3732468	3725729	0.52	cps
Yttrium	89-2	462309	462471	471259	465346	1.10	cps
Zinc	66-2	67	47	50	54	19.68	cps
Zirconium	90-1	342	333	267	314	13.10	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:30:08	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	50	75	75	67	21.65	cps

LB Number : LB92554 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 13:33:40 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3928416	3973775	3917241	3939811	0.76	cps
Antimony	121-1	3467	3142	3584	3398	6.74	cps
Arsenic	75-2	22	22	17	20	15.73	cps
Barium	135-1	1067	1142	1300	1170	10.19	cps
Barium	137-1	2075	1884	1950	1970	4.94	cps
Beryllium	9-1	650	661	578	630	7.19	cps
Bismuth	209-1	4152485	4201173	4258356	4204005	1.26	cps
Bismuth	209-2	2080881	1667204	2009721	1919269	11.52	cps
Boron	10-1	608	667	758	678	11.16	cps
Boron	11-1	2500	2517	2484	2500	0.67	cps
Cadmium	111-1	1815	1760	2119	1898	10.19	cps
Cadmium	106-1	1809	1792	1817	1806	0.70	cps
Cadmium	108-1	1400	1450	1325	1392	4.52	cps
Calcium	43-1	940596	934518	932888	936001	0.43	cps
Calcium	44-1	12698062	12640604	12644662	12661109	0.25	cps
Chromium	52-2	15168	15155	15488	15270	1.24	cps
Cobalt	59-2	1393	1460	1490	1448	3.42	cps
Copper	63-2	7702	7512	7722	7645	1.52	cps
Dysprosium	156-1	17	8	33	19	65.47	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	8	25	17	17	50.01	cps
Erbium	164-2	10	20	10	13	43.30	cps
Gadolinium	160-1	25	25	25	25	0.00	cps
Gadolinium	160-2	37	17	27	27	37.50	cps
Holmium	165-1	6010362	6132005	6186876	6109747	1.48	cps
Holmium	165-2	2710279	2164919	2634196	2503131	11.80	cps
Indium	115-1	3729232	3798477	3827208	3784972	1.33	cps
Indium	115-2	618401	496519	601899	572273	11.55	cps
Iron	56-2	62483863	63115431	62476306	62691866	0.59	cps
Iron	57-2	1529243	1553098	1541159	1541167	0.77	cps
Lead	206-1	19570	19036	18319	18975	3.31	cps
Lead	207-1	15309	14124	14642	14692	4.04	cps
Lead	208-1	72946	69266	69043	70418	3.11	cps
Lithium	6-1	3345850	3371645	3399211	3372235	0.79	cps
Magnesium	24-2	10427785	10540558	10418777	10462373	0.65	cps
Manganese	55-2	3574	3540	3347	3487	3.51	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:33:40	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1333977	1331483	1332996	1332819	0.09	cps
Molybdenum	95-1	2374169	2355479	2340546	2356731	0.71	cps
Molybdenum	96-1	2547478	2521360	2500301	2523046	0.94	cps
Molybdenum	97-1	1479921	1471090	1452747	1467919	0.94	cps
Molybdenum	98-1	3876836	3837155	3845614	3853202	0.54	cps
Neodymium	150-1	33	7	33	24	62.97	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	1920	1763	1827	1837	4.29	cps
Phosphorus	31-2	173480	174525	173380	173795	0.36	cps
Potassium	39-2	6408121	6525490	6422026	6451879	0.99	cps
Rhodium	103-1	3011825	3027284	3053957	3031022	0.70	cps
Rhodium	103-2	1358253	1085929	1318400	1254194	11.73	cps
Scandium	45-1	2685033	2718218	2800313	2734521	2.17	cps
Scandium	45-2	108504	88076	105663	100748	10.98	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	19	20	9	16	37.09	cps
Selenium	82-1	3	10	13	9	55.88	cps
Silicon	28-1	66197997	66898552	67396831	66831126	0.90	cps
Silver	109-1	175	275	283	244	24.66	cps
Silver	107-1	233	375	392	333	26.10	cps
Sodium	23-2	19764036	20084171	19740060	19862756	0.97	cps
Strontium	86-1	26659	27628	26442	26910	2.35	cps
Strontium	88-1	241907	240669	239180	240585	0.57	cps
Sulfur	34-1	2170679	2159086	2158003	2162589	0.32	cps
Terbium	159-1	6029407	6082162	6159927	6090498	1.08	cps
Terbium	159-2	2592204	2055397	2502122	2383241	12.06	cps
Thallium	203-1	908	850	633	797	18.18	cps
Thallium	205-1	2167	2109	1834	2036	8.74	cps
Tin	118-1	767	667	792	742	8.92	cps
Titanium	47-1	868879	866580	865975	867145	0.18	cps
Uranium	238-1	208	308	317	278	21.70	cps
Vanadium	51-2	107	103	123	111	9.64	cps
Yttrium	89-1	3597179	3624320	3667718	3629739	0.98	cps
Yttrium	89-2	450529	358938	437740	415736	11.93	cps
Zinc	66-2	1483	1473	1467	1475	0.57	cps
Zirconium	90-1	1175	1175	975	1108	10.42	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:33:40	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	250	233	208	231	9.09	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:37:12	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3966291	3956411	3939117	3953939	0.35	cps
Antimony	121-1	60983	59904	60556	60481	0.90	cps
Arsenic	75-2	1417	1361	1428	1402	2.55	cps
Barium	135-1	15735	15793	15292	15607	1.75	cps
Barium	137-1	27795	28129	26827	27584	2.45	cps
Beryllium	9-1	30976	31183	31249	31136	0.46	cps
Bismuth	209-1	4137462	4275380	4260138	4224327	1.79	cps
Bismuth	209-2	2082404	2041712	2054702	2059606	1.01	cps
Boron	10-1	10813	10471	10904	10729	2.13	cps
Boron	11-1	45193	45001	45394	45196	0.43	cps
Cadmium	111-1	14958	14889	15080	14976	0.65	cps
Cadmium	106-1	4384	4117	4326	4276	3.28	cps
Cadmium	108-1	2692	2805	2554	2684	4.67	cps
Calcium	43-1	951445	956054	954980	954159	0.25	cps
Calcium	44-1	12853958	12821034	12918047	12864346	0.38	cps
Chromium	52-2	30752	30792	30505	30683	0.51	cps
Cobalt	59-2	25713	25389	25439	25514	0.68	cps
Copper	63-2	24664	24330	24170	24388	1.03	cps
Dysprosium	156-1	17	33	33	28	34.63	cps
Dysprosium	156-2	13	7	3	8	65.47	cps
Erbium	164-1	67	42	17	42	60.00	cps
Erbium	164-2	10	17	13	13	25.01	cps
Gadolinium	160-1	25	33	8	22	57.29	cps
Gadolinium	160-2	30	43	27	33	26.45	cps
Holmium	165-1	6011613	6220009	6193600	6141740	1.85	cps
Holmium	165-2	2733276	2669546	2706683	2703168	1.18	cps
Indium	115-1	3719759	3852846	3839719	3804108	1.93	cps
Indium	115-2	618199	608573	614928	613900	0.80	cps
Iron	56-2	62853840	62983864	62669029	62835578	0.25	cps
Iron	57-2	1539230	1545537	1537209	1540659	0.28	cps
Lead	206-1	81358	80682	80134	80725	0.76	cps
Lead	207-1	66891	66025	66064	66326	0.74	cps
Lead	208-1	310533	307962	307663	308719	0.51	cps
Lithium	6-1	3334860	3414258	3403099	3384072	1.27	cps
Magnesium	24-2	10490997	10505430	10490033	10495487	0.08	cps
Manganese	55-2	12329	12082	11958	12123	1.56	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:37:12	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1475400	1483180	1472804	1477128	0.37	cps
Molybdenum	95-1	2445185	2458707	2444019	2449304	0.33	cps
Molybdenum	96-1	2641890	2642869	2634681	2639814	0.17	cps
Molybdenum	97-1	1526561	1528253	1523345	1526053	0.16	cps
Molybdenum	98-1	3998044	4006521	4004897	4003154	0.11	cps
Neodymium	150-1	27	13	27	22	34.66	cps
Neodymium	150-2	7	0	13	7	99.98	cps
Nickel	60-2	8206	7832	7962	8000	2.37	cps
Phosphorus	31-2	173718	173523	172510	173250	0.37	cps
Potassium	39-2	6467209	6461103	6440716	6456343	0.21	cps
Rhodium	103-1	2951639	3065031	3055455	3024042	2.08	cps
Rhodium	103-2	1370107	1341943	1349008	1353686	1.08	cps
Scandium	45-1	2653659	2753520	2744370	2717183	2.03	cps
Scandium	45-2	108151	106116	108104	107457	1.08	cps
Selenium	77-2	40	30	40	37	15.75	cps
Selenium	78-2	137	102	102	114	17.89	cps
Selenium	82-1	744	716	725	728	1.92	cps
Silicon	28-1	69205006	69485404	69886302	69525570	0.49	cps
Silver	109-1	55936	56104	56656	56232	0.67	cps
Silver	107-1	57133	58154	56430	57239	1.51	cps
Sodium	23-2	19965208	19980540	19861746	19935831	0.32	cps
Strontium	86-1	73816	73245	72123	73061	1.18	cps
Strontium	88-1	644719	641428	633135	639761	0.93	cps
Sulfur	34-1	2194880	2174316	2173245	2180814	0.56	cps
Terbium	159-1	5969871	6199986	6179735	6116531	2.08	cps
Terbium	159-2	2601987	2565568	2576763	2581439	0.72	cps
Thallium	203-1	77006	77459	75992	76819	0.98	cps
Thallium	205-1	189051	186458	189583	188364	0.89	cps
Tin	118-1	126329	125497	125827	125884	0.33	cps
Titanium	47-1	909958	905215	895891	903688	0.79	cps
Uranium	238-1	755470	747950	752674	752031	0.51	cps
Vanadium	51-2	13049	13136	12862	13016	1.07	cps
Yttrium	89-1	3561519	3677480	3659992	3632997	1.72	cps
Yttrium	89-2	451031	443655	446259	446982	0.84	cps
Zinc	66-2	3837	3841	3534	3737	4.71	cps
Zirconium	90-1	242714	243602	241587	242634	0.42	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:37:12	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	54454	51594	54396	53482	3.06	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P7
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:40:43	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2145281	2138795	2157244	2147107	0.44	cps
Antimony	121-1	1441634	1440040	1442714	1441462	0.09	cps
Arsenic	75-2	35458	35762	35616	35612	0.43	cps
Barium	135-1	1809071	1800166	1796929	1802055	0.35	cps
Barium	137-1	3177235	3160296	3163175	3166902	0.29	cps
Beryllium	9-1	752625	748943	752685	751418	0.29	cps
Bismuth	209-1	4149412	4106681	4043350	4099814	1.30	cps
Bismuth	209-2	2016346	1987308	1985746	1996467	0.86	cps
Boron	10-1	85483	86329	87511	86441	1.18	cps
Boron	11-1	369634	372211	382330	374725	1.79	cps
Cadmium	111-1	315296	313073	314283	314218	0.35	cps
Cadmium	106-1	40233	39757	40300	40097	0.74	cps
Cadmium	108-1	25436	26312	25657	25802	1.77	cps
Calcium	43-1	2404653	2394149	2406247	2401683	0.27	cps
Calcium	44-1	31638710	31684199	31686214	31669708	0.08	cps
Chromium	52-2	395878	396768	397893	396846	0.25	cps
Cobalt	59-2	595967	595548	588198	593238	0.74	cps
Copper	63-2	807655	803866	802834	804785	0.32	cps
Dysprosium	156-1	67	50	92	69	30.20	cps
Dysprosium	156-2	33	13	23	23	42.86	cps
Erbium	164-1	17	33	33	28	34.63	cps
Erbium	164-2	10	17	7	11	45.82	cps
Gadolinium	160-1	58	17	50	42	52.91	cps
Gadolinium	160-2	57	23	53	44	41.31	cps
Holmium	165-1	6160281	6083437	6024173	6089297	1.12	cps
Holmium	165-2	2684713	2657154	2644700	2662189	0.77	cps
Indium	115-1	3726060	3694549	3635588	3685399	1.25	cps
Indium	115-2	592835	586073	586552	588487	0.64	cps
Iron	56-2	79214482	78927799	79413049	79185110	0.31	cps
Iron	57-2	1939109	1929170	1937109	1935129	0.27	cps
Lead	206-1	1546613	1531118	1534850	1537527	0.53	cps
Lead	207-1	1358198	1356014	1354161	1356124	0.15	cps
Lead	208-1	6192103	6185328	6151007	6176146	0.36	cps
Lithium	6-1	3361846	3341676	3310254	3337925	0.78	cps
Magnesium	24-2	26957417	26891281	26989443	26946047	0.19	cps
Manganese	55-2	441890	440364	439958	440738	0.23	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P7
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:40:43	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2553985	2536688	2544300	2544991	0.34	cps
Molybdenum	95-1	3107889	3102705	3095264	3101953	0.20	cps
Molybdenum	96-1	3489750	3438831	3458272	3462285	0.74	cps
Molybdenum	97-1	1935499	1931505	1915164	1927389	0.56	cps
Molybdenum	98-1	5083822	5049953	5060314	5064696	0.34	cps
Neodymium	150-1	253	253	260	256	1.51	cps
Neodymium	150-2	17	13	27	19	36.75	cps
Nickel	60-2	150456	149788	150267	150170	0.23	cps
Phosphorus	31-2	18771	18596	18938	18768	0.91	cps
Potassium	39-2	8357961	8319773	8361849	8346528	0.28	cps
Rhodium	103-1	2997779	2977800	2946158	2973912	0.88	cps
Rhodium	103-2	1323277	1310544	1308028	1313950	0.62	cps
Scandium	45-1	2737557	2741853	2700670	2726693	0.83	cps
Scandium	45-2	109592	108772	109142	109169	0.38	cps
Selenium	77-2	680	650	717	682	4.89	cps
Selenium	78-2	2271	2298	2369	2313	2.19	cps
Selenium	82-1	18552	18153	18151	18285	1.26	cps
Silicon	28-1	69931089	69903339	69882097	69905509	0.04	cps
Silver	109-1	1415969	1418171	1409133	1414425	0.33	cps
Silver	107-1	1463552	1460030	1453973	1459185	0.33	cps
Sodium	23-2	49966623	49801151	50107571	49958448	0.31	cps
Strontium	86-1	421739	422365	419483	421196	0.36	cps
Strontium	88-1	3757155	3750143	3741812	3749704	0.20	cps
Sulfur	34-1	723919	717924	717501	719781	0.50	cps
Terbium	159-1	6137517	6086162	5971010	6064896	1.41	cps
Terbium	159-2	2560791	2539372	2537685	2545949	0.51	cps
Thallium	203-1	1866718	1880815	1861933	1869822	0.52	cps
Thallium	205-1	4613677	4583745	4559131	4585518	0.60	cps
Tin	118-1	1138412	1138788	1130410	1135870	0.42	cps
Titanium	47-1	1069822	1062926	1068852	1067200	0.35	cps
Uranium	238-1	6967023	6922796	6927323	6939047	0.35	cps
Vanadium	51-2	334147	332399	333478	333341	0.26	cps
Yttrium	89-1	3671589	3632568	3589650	3631269	1.13	cps
Yttrium	89-2	447545	446961	443597	446034	0.48	cps
Zinc	66-2	112103	111203	112056	111787	0.45	cps
Zirconium	90-1	2156545	2140597	2150330	2149157	0.37	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P7
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:40:43	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	474314	474556	474542	474471	0.03	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P7
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:46:11	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	150	100	119	22.43	cps
Antimony	121-1	1859	1750	1809	1806	3.00	cps
Arsenic	75-2	6	2	6	4	49.54	cps
Barium	135-1	100	125	67	97	30.10	cps
Barium	137-1	217	225	158	200	18.16	cps
Beryllium	9-1	783	717	761	754	4.50	cps
Bismuth	209-1	4730831	4848097	4411548	4663492	4.84	cps
Bismuth	209-2	2264979	2241197	2237083	2247753	0.67	cps
Boron	10-1	1242	1558	1242	1347	13.57	cps
Boron	11-1	5876	5526	5351	5585	4.79	cps
Cadmium	111-1	1281	1401	1373	1352	4.64	cps
Cadmium	106-1	1809	1992	1934	1911	4.90	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	125	108	142	125	13.33	cps
Calcium	44-1	389427	388055	391499	389660	0.44	cps
Chromium	52-2	140	143	113	132	12.43	cps
Cobalt	59-2	123	130	123	126	3.06	cps
Copper	63-2	1037	1017	1120	1058	5.18	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	17	0	14	91.65	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	8	42	33	28	62.46	cps
Gadolinium	160-2	23	23	20	22	8.65	cps
Holmium	165-1	6427572	6457882	6118231	6334562	2.97	cps
Holmium	165-2	2781062	2768865	2778353	2776093	0.23	cps
Indium	115-1	4082994	4163652	3847869	4031505	4.07	cps
Indium	115-2	644730	642399	641777	642969	0.24	cps
Iron	56-2	11722	12061	11166	11649	3.88	cps
Iron	57-2	272	361	256	296	19.15	cps
Lead	206-1	1367	1161	1089	1206	11.96	cps
Lead	207-1	1078	1050	1000	1043	3.78	cps
Lead	208-1	5123	4650	4678	4817	5.50	cps
Lithium	6-1	3570928	3720039	3455809	3582259	3.70	cps
Magnesium	24-2	1725	1742	1600	1689	4.58	cps
Manganese	55-2	83	70	77	77	8.70	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P7
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:46:11	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	908	617	608	711	24.03	cps
Molybdenum	95-1	1000	983	633	872	23.74	cps
Molybdenum	96-1	1017	967	867	950	8.04	cps
Molybdenum	97-1	450	533	475	486	8.80	cps
Molybdenum	98-1	1358	1308	1275	1314	3.19	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	467	433	513	471	8.53	cps
Phosphorus	31-2	300	142	308	250	37.57	cps
Potassium	39-2	21900	22251	21608	21920	1.47	cps
Rhodium	103-1	3410836	3505390	3231402	3382543	4.11	cps
Rhodium	103-2	1500985	1498831	1488816	1496210	0.43	cps
Scandium	45-1	2925400	3009062	2743338	2892600	4.70	cps
Scandium	45-2	113145	112627	113641	113138	0.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	9	7	7	24.97	cps
Selenium	82-1	0	3	-52	-16	-188.53	cps
Silicon	28-1	68325058	67636810	68623456	68195108	0.74	cps
Silver	109-1	83	92	92	89	5.41	cps
Silver	107-1	100	125	92	106	16.44	cps
Sodium	23-2	25823	25105	24062	24997	3.54	cps
Strontium	86-1	175	142	183	167	13.23	cps
Strontium	88-1	258	208	158	208	24.00	cps
Sulfur	34-1	554508	554376	551456	553447	0.31	cps
Terbium	159-1	6407667	6502091	6080143	6329967	3.50	cps
Terbium	159-2	2651889	2660336	2659218	2657148	0.17	cps
Thallium	203-1	550	408	400	453	18.62	cps
Thallium	205-1	1400	1158	1142	1233	11.72	cps
Tin	118-1	925	592	675	731	23.75	cps
Titanium	47-1	325	283	333	314	8.53	cps
Uranium	238-1	150	158	175	161	7.90	cps
Vanadium	51-2	10	7	10	9	21.63	cps
Yttrium	89-1	3874896	3969731	3679561	3841396	3.85	cps
Yttrium	89-2	472768	468214	470804	470595	0.49	cps
Zinc	66-2	67	53	50	57	15.57	cps
Zirconium	90-1	458	592	483	511	13.87	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P7
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:46:11	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	92	67	83	17.32	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:49:43	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	983	775	967	908	12.75	cps
Antimony	121-1	6635	6210	6560	6468	3.51	cps
Arsenic	75-2	87	65	78	77	14.58	cps
Barium	135-1	6935	7336	6960	7077	3.17	cps
Barium	137-1	11956	11797	11814	11856	0.73	cps
Beryllium	9-1	2111	2089	1850	2017	7.18	cps
Bismuth	209-1	4497708	4547926	4580220	4541951	0.92	cps
Bismuth	209-2	2233263	2235637	2225523	2231474	0.24	cps
Boron	10-1	4693	4768	4959	4807	2.86	cps
Boron	11-1	20106	19997	20623	20242	1.65	cps
Cadmium	111-1	1968	2206	2310	2161	8.13	cps
Cadmium	106-1	1859	2317	2350	2175	12.63	cps
Cadmium	108-1	42	58	50	50	16.66	cps
Calcium	43-1	4876	4993	4384	4751	6.80	cps
Calcium	44-1	457872	456282	454601	456252	0.36	cps
Chromium	52-2	1580	1630	1687	1632	3.27	cps
Cobalt	59-2	1230	1287	1360	1292	5.04	cps
Copper	63-2	2750	2767	2764	2760	0.32	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	33	42	25	33	25.00	cps
Erbium	164-2	13	17	13	14	13.35	cps
Gadolinium	160-1	25	8	17	17	50.01	cps
Gadolinium	160-2	23	20	37	27	33.08	cps
Holmium	165-1	6178279	6242893	6269429	6230200	0.75	cps
Holmium	165-2	2747102	2777453	2764805	2763120	0.55	cps
Indium	115-1	3942771	3979817	4005048	3975879	0.79	cps
Indium	115-2	639871	641742	642970	641528	0.24	cps
Iron	56-2	41286	40423	41119	40943	1.12	cps
Iron	57-2	911	950	989	950	4.09	cps
Lead	206-1	3951	3995	4229	4058	3.68	cps
Lead	207-1	3584	3145	3617	3449	7.64	cps
Lead	208-1	16199	15960	16065	16075	0.74	cps
Lithium	6-1	3506005	3538270	3543406	3529227	0.57	cps
Magnesium	24-2	51063	51489	50746	51099	0.73	cps
Manganese	55-2	570	520	470	520	9.62	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:49:43	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5735	5560	5310	5535	3.86	cps
Molybdenum	95-1	6068	6268	6318	6218	2.13	cps
Molybdenum	96-1	7085	7277	7035	7133	1.79	cps
Molybdenum	97-1	4042	3884	3701	3876	4.41	cps
Molybdenum	98-1	10329	9912	10146	10129	2.06	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	860	880	943	894	4.86	cps
Phosphorus	31-2	300	300	292	297	1.62	cps
Potassium	39-2	53305	51783	52586	52558	1.45	cps
Rhodium	103-1	3298876	3346965	3351724	3332522	0.88	cps
Rhodium	103-2	1489793	1497482	1490043	1492439	0.29	cps
Scandium	45-1	2817048	2866853	2875349	2853083	1.10	cps
Scandium	45-2	111643	112101	113585	112443	0.90	cps
Selenium	77-2	20	20	10	17	34.64	cps
Selenium	78-2	50	24	26	33	43.39	cps
Selenium	82-1	186	236	146	190	23.79	cps
Silicon	28-1	68379864	68233197	67553533	68055531	0.65	cps
Silver	109-1	3067	3009	3075	3050	1.19	cps
Silver	107-1	3426	3050	3267	3248	5.80	cps
Sodium	23-2	116752	117701	116230	116894	0.64	cps
Strontium	86-1	950	1092	1000	1014	7.09	cps
Strontium	88-1	7094	7352	7052	7166	2.27	cps
Sulfur	34-1	551389	554258	551760	552469	0.28	cps
Terbium	159-1	6207443	6284299	6300112	6263951	0.79	cps
Terbium	159-2	2642921	2647148	2653955	2648008	0.21	cps
Thallium	203-1	4168	3926	3951	4015	3.31	cps
Thallium	205-1	10304	10421	9871	10199	2.84	cps
Tin	118-1	11447	12122	11580	11716	3.05	cps
Titanium	47-1	2400	2342	2150	2298	5.69	cps
Uranium	238-1	12748	12340	13082	12724	2.92	cps
Vanadium	51-2	2934	3207	3254	3132	5.52	cps
Yttrium	89-1	3747689	3800681	3818693	3789021	0.97	cps
Yttrium	89-2	466543	468512	471544	468866	0.54	cps
Zinc	66-2	297	323	317	312	4.45	cps
Zirconium	90-1	4859	4959	5001	4940	1.47	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:49:43	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	917	1292	1183	1131	17.07	cps

LB Number : LB92554 Operator : Jaswal
 Lab Sample ID : PB105530BL Instrumnet Name : P7
 Client Sample ID : PB105530BL Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 13:56:50 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	58	8	33	75.02	cps
Antimony	121-1	308	442	417	389	18.23	cps
Arsenic	75-2	6	0	0	2	173.21	cps
Barium	135-1	83	92	67	81	15.80	cps
Barium	137-1	67	92	108	89	23.59	cps
Beryllium	9-1	300	367	344	337	10.07	cps
Bismuth	209-1	4584218	4580605	4536033	4566952	0.59	cps
Bismuth	209-2	2280880	2294884	2312720	2296161	0.69	cps
Boron	10-1	633	725	617	658	8.86	cps
Boron	11-1	2825	2825	2717	2789	2.24	cps
Cadmium	111-1	1130	1532	1327	1330	15.14	cps
Cadmium	106-1	1600	2175	1884	1886	15.24	cps
Cadmium	108-1	4	4	0	3	86.60	cps
Calcium	43-1	75	108	67	83	26.46	cps
Calcium	44-1	384574	386880	382118	384524	0.62	cps
Chromium	52-2	100	100	123	108	12.50	cps
Cobalt	59-2	120	127	120	122	3.15	cps
Copper	63-2	1000	863	783	882	12.42	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	8	42	28	62.46	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	8	67	8	28	121.26	cps
Gadolinium	160-2	27	13	27	22	34.66	cps
Holmium	165-1	6314157	6305605	6237286	6285683	0.67	cps
Holmium	165-2	2814742	2849752	2835790	2833428	0.62	cps
Indium	115-1	4030911	4039844	3993369	4021375	0.61	cps
Indium	115-2	662004	663723	667093	664274	0.39	cps
Iron	56-2	7124	7285	6985	7132	2.11	cps
Iron	57-2	194	206	172	191	8.90	cps
Lead	206-1	678	650	550	626	10.74	cps
Lead	207-1	583	561	461	535	12.17	cps
Lead	208-1	2684	2534	2328	2515	7.10	cps
Lithium	6-1	3559321	3570383	3563411	3564372	0.16	cps
Magnesium	24-2	1600	1383	1517	1500	7.29	cps
Manganese	55-2	70	57	53	60	14.70	cps

LB Number : LB92554 Operator : Jaswal
 Lab Sample ID : PB105530BL Instrumnet Name : P7
 Client Sample ID : PB105530BL Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 13:56:50 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	225	133	208	189	25.85	cps
Molybdenum	95-1	92	250	133	158	51.84	cps
Molybdenum	96-1	208	200	158	189	14.18	cps
Molybdenum	97-1	142	83	125	117	25.75	cps
Molybdenum	98-1	275	333	300	303	9.66	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	523	587	650	587	10.80	cps
Phosphorus	31-2	242	275	317	278	13.53	cps
Potassium	39-2	20799	21817	21366	21327	2.39	cps
Rhodium	103-1	3389428	3402003	3374965	3388799	0.40	cps
Rhodium	103-2	1532973	1541735	1546921	1540543	0.46	cps
Scandium	45-1	2889556	2905019	2887343	2893973	0.33	cps
Scandium	45-2	116511	116832	119588	117644	1.44	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	6	9	7	24.97	cps
Selenium	82-1	-27	-7	-35	-23	-64.39	cps
Silicon	28-1	68471020	68160733	67441866	68024540	0.78	cps
Silver	109-1	8	42	42	31	62.99	cps
Silver	107-1	58	42	33	44	28.65	cps
Sodium	23-2	18529	17402	17878	17936	3.15	cps
Strontium	86-1	100	142	192	144	31.78	cps
Strontium	88-1	75	142	58	92	48.10	cps
Sulfur	34-1	556199	555277	552591	554689	0.34	cps
Terbium	159-1	6326528	6324566	6260637	6303911	0.59	cps
Terbium	159-2	2712663	2726110	2736097	2724957	0.43	cps
Thallium	203-1	258	258	225	247	7.79	cps
Thallium	205-1	683	758	700	714	5.52	cps
Tin	118-1	392	333	425	383	12.10	cps
Titanium	47-1	250	283	233	256	9.96	cps
Uranium	238-1	67	75	33	58	37.79	cps
Vanadium	51-2	10	7	7	8	24.71	cps
Yttrium	89-1	3851033	3853483	3823199	3842572	0.44	cps
Yttrium	89-2	483945	483773	486853	484857	0.36	cps
Zinc	66-2	67	43	37	49	32.22	cps
Zirconium	90-1	283	350	358	331	12.44	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	PB105530BL	Instrumnet Name :	P7
Client Sample ID :	PB105530BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 13:56:50	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	50	58	56	8.67	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	PB105530BS	Instrumnet Name :	P7
Client Sample ID :	PB105530BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:00:21	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	437272	433539	433287	434699	0.51	cps
Antimony	121-1	1511069	1518169	1507168	1512135	0.37	cps
Arsenic	75-2	37132	37162	36572	36955	0.90	cps
Barium	135-1	1857250	1857755	1855324	1856776	0.07	cps
Barium	137-1	3267480	3250794	3244424	3254232	0.37	cps
Beryllium	9-1	779196	776560	769162	774972	0.67	cps
Bismuth	209-1	4329615	4390590	4237275	4319160	1.79	cps
Bismuth	209-2	2167456	2178801	2186903	2177720	0.45	cps
Boron	10-1	85676	88048	87059	86927	1.37	cps
Boron	11-1	369538	371598	382397	374511	1.84	cps
Cadmium	111-1	340503	338994	337090	338862	0.50	cps
Cadmium	106-1	42966	42557	41186	42236	2.21	cps
Cadmium	108-1	27702	27752	27331	27595	0.83	cps
Calcium	43-1	491960	487759	492228	490649	0.51	cps
Calcium	44-1	6873182	6874394	6887457	6878344	0.12	cps
Chromium	52-2	407307	403231	404575	405038	0.51	cps
Cobalt	59-2	627052	625036	623070	625053	0.32	cps
Copper	63-2	871718	879449	870823	873997	0.54	cps
Dysprosium	156-1	33	50	25	36	35.25	cps
Dysprosium	156-2	10	20	13	14	35.26	cps
Erbium	164-1	50	50	33	44	21.66	cps
Erbium	164-2	13	0	7	7	99.98	cps
Gadolinium	160-1	25	25	25	25	0.00	cps
Gadolinium	160-2	33	23	40	32	26.04	cps
Holmium	165-1	6153761	6246332	6093379	6164491	1.25	cps
Holmium	165-2	2798876	2800196	2787936	2795669	0.24	cps
Indium	115-1	3844655	3879919	3774821	3833132	1.40	cps
Indium	115-2	628184	630620	632169	630324	0.32	cps
Iron	56-2	16892402	16866518	16814489	16857803	0.24	cps
Iron	57-2	410547	412002	407309	409953	0.59	cps
Lead	206-1	1606708	1603800	1591202	1600570	0.51	cps
Lead	207-1	1416153	1412601	1406945	1411900	0.33	cps
Lead	208-1	6449248	6436411	6402187	6429282	0.38	cps
Lithium	6-1	3452977	3486559	3415708	3451748	1.03	cps
Magnesium	24-2	5575838	5531933	5532362	5546711	0.45	cps
Manganese	55-2	454216	457699	457189	456368	0.41	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	PB105530BS	Instrumnet Name :	P7
Client Sample ID :	PB105530BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:00:21	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2628110	2616472	2601054	2615212	0.52	cps
Molybdenum	95-1	3187506	3173381	3191523	3184137	0.30	cps
Molybdenum	96-1	3569280	3542314	3540959	3550851	0.45	cps
Molybdenum	97-1	1990381	1978810	1986155	1985115	0.29	cps
Molybdenum	98-1	5238918	5209217	5200837	5216324	0.38	cps
Neodymium	150-1	140	220	160	173	24.02	cps
Neodymium	150-2	20	13	10	14	35.26	cps
Nickel	60-2	161066	161351	160517	160978	0.26	cps
Phosphorus	31-2	18587	19171	19146	18968	1.74	cps
Potassium	39-2	1729795	1731398	1732413	1731202	0.08	cps
Rhodium	103-1	3189125	3206914	3104435	3166825	1.73	cps
Rhodium	103-2	1447095	1450184	1445457	1447579	0.17	cps
Scandium	45-1	2802891	2842865	2760109	2801955	1.48	cps
Scandium	45-2	111640	113084	114871	113198	1.43	cps
Selenium	77-2	723	777	697	732	5.56	cps
Selenium	78-2	2430	2408	2517	2451	2.36	cps
Selenium	82-1	19716	19415	19601	19577	0.78	cps
Silicon	28-1	68289410	68312366	68223820	68275199	0.07	cps
Silver	109-1	1542242	1532482	1529371	1534698	0.44	cps
Silver	107-1	1585528	1587492	1585481	1586167	0.07	cps
Sodium	23-2	10524664	10427628	10513094	10488462	0.51	cps
Strontium	86-1	422649	420866	426323	423279	0.66	cps
Strontium	88-1	3767352	3751236	3742949	3753845	0.33	cps
Sulfur	34-1	721112	712666	714197	715992	0.63	cps
Terbium	159-1	6178720	6240079	6074404	6164401	1.36	cps
Terbium	159-2	2686961	2675057	2666837	2676285	0.38	cps
Thallium	203-1	1945970	1947873	1947184	1947009	0.05	cps
Thallium	205-1	4768877	4763719	4749269	4760622	0.21	cps
Tin	118-1	1183638	1174292	1175688	1177872	0.43	cps
Titanium	47-1	1098979	1097207	1096002	1097396	0.14	cps
Uranium	238-1	6950455	6969000	6966470	6961975	0.14	cps
Vanadium	51-2	340359	340849	336528	339245	0.70	cps
Yttrium	89-1	3734142	3767102	3656486	3719243	1.53	cps
Yttrium	89-2	469886	469580	469846	469771	0.04	cps
Zinc	66-2	118315	120179	118744	119079	0.82	cps
Zirconium	90-1	2186682	2179542	2188120	2184781	0.21	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	PB105530BS	Instrumnet Name :	P7
Client Sample ID :	PB105530BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:00:21	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	485912	485050	483693	484885	0.23	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-01	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:03:54	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1233	1308	1325	1289	3.79	cps
Antimony	121-1	9854	8420	8011	8761	11.05	cps
Arsenic	75-2	235	244	200	227	10.35	cps
Barium	135-1	85354	85706	86149	85736	0.46	cps
Barium	137-1	149858	150147	149986	149997	0.10	cps
Beryllium	9-1	1100	956	900	985	10.48	cps
Bismuth	209-1	4728681	4680701	4580065	4663149	1.63	cps
Bismuth	209-2	2111099	2097852	2087379	2098776	0.57	cps
Boron	10-1	89271	93052	92013	91445	2.14	cps
Boron	11-1	412940	421070	420485	418165	1.08	cps
Cadmium	111-1	1279	1168	1354	1267	7.40	cps
Cadmium	106-1	1725	1533	1800	1686	8.16	cps
Cadmium	108-1	17	8	21	15	41.67	cps
Calcium	43-1	1480880	1473497	1468692	1474356	0.42	cps
Calcium	44-1	19768579	19850845	19756793	19792072	0.26	cps
Chromium	52-2	2497	2524	2384	2468	3.01	cps
Cobalt	59-2	1087	1007	850	981	12.27	cps
Copper	63-2	12522	12806	13263	12864	2.91	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	7	23	0	10	120.16	cps
Erbium	164-1	58	67	33	53	32.88	cps
Erbium	164-2	3	13	13	10	57.75	cps
Gadolinium	160-1	8	17	50	25	88.19	cps
Gadolinium	160-2	23	30	20	24	20.83	cps
Holmium	165-1	6020025	6077085	6033050	6043386	0.49	cps
Holmium	165-2	2544792	2520909	2527925	2531209	0.48	cps
Indium	115-1	5182141	4968774	4776205	4975707	4.08	cps
Indium	115-2	681626	660996	661707	668109	1.75	cps
Iron	56-2	56431	54808	55211	55483	1.52	cps
Iron	57-2	3273	3028	3039	3113	4.43	cps
Lead	206-1	5429	4529	4468	4808	11.20	cps
Lead	207-1	4729	4340	3690	4253	12.35	cps
Lead	208-1	21713	19112	16994	19273	12.27	cps
Lithium	6-1	4366127	4417970	4436215	4406771	0.83	cps
Magnesium	24-2	903907	892562	893053	896507	0.72	cps
Manganese	55-2	33442	32576	32997	33005	1.31	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-01	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:03:54	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2750	2917	2575	2748	6.22	cps
Molybdenum	95-1	3309	2709	2850	2956	10.61	cps
Molybdenum	96-1	3684	3534	3267	3495	6.04	cps
Molybdenum	97-1	2750	2567	2709	2675	3.59	cps
Molybdenum	98-1	5034	4759	4643	4812	4.18	cps
Neodymium	150-1	100	67	133	100	33.33	cps
Neodymium	150-2	7	13	10	10	33.30	cps
Nickel	60-2	3174	3364	3357	3298	3.27	cps
Phosphorus	31-2	275	358	242	292	20.60	cps
Potassium	39-2	244703	239439	236022	240055	1.82	cps
Rhodium	103-1	2997016	2993979	2988857	2993284	0.14	cps
Rhodium	103-2	1276978	1260679	1269543	1269067	0.64	cps
Scandium	45-1	2659360	2640898	2613915	2638058	0.87	cps
Scandium	45-2	95573	94133	94324	94677	0.83	cps
Selenium	77-2	3	10	13	9	57.30	cps
Selenium	78-2	13	26	15	18	39.19	cps
Selenium	82-1	-73	-179	-173	-142	-42.31	cps
Silicon	28-1	97809946	95792102	94976819	96192956	1.52	cps
Silver	109-1	2525	1909	1725	2053	20.42	cps
Silver	107-1	2392	2042	2084	2172	8.80	cps
Sodium	23-2	23694739	23520783	23237181	23484234	0.98	cps
Strontium	86-1	308977	311367	311530	310624	0.46	cps
Strontium	88-1	2778971	2773482	2784248	2778900	0.19	cps
Sulfur	34-1	1183590	1174950	1164744	1174428	0.80	cps
Terbium	159-1	6048376	6027826	6015082	6030428	0.28	cps
Terbium	159-2	2414440	2398872	2413525	2408946	0.36	cps
Thallium	203-1	1092	875	717	895	21.05	cps
Thallium	205-1	2417	1859	1684	1986	19.29	cps
Tin	118-1	5285	4801	4618	4901	7.03	cps
Titanium	47-1	1667	1617	1642	1642	1.52	cps
Uranium	238-1	22905	22705	22254	22621	1.47	cps
Vanadium	51-2	7579	7649	7652	7627	0.54	cps
Yttrium	89-1	3546546	3550663	3530318	3542509	0.30	cps
Yttrium	89-2	407842	397868	401615	402442	1.25	cps
Zinc	66-2	717	783	600	700	13.26	cps
Zirconium	90-1	3226	2659	2359	2748	16.02	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-01	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:03:54	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	692	525	592	603	13.92	cps

LB Number : LB92554 Operator : Jaswal
 Lab Sample ID : J1058-01DUP Instrumnet Name : P7
 Client Sample ID : SS037MW125-180104DL Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 14:07:28 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1167	1300	1100	1189	8.57	cps
Antimony	121-1	4518	4459	4251	4409	3.18	cps
Arsenic	75-2	219	189	224	210	8.99	cps
Barium	135-1	84917	82956	83778	83884	1.17	cps
Barium	137-1	144502	145993	142895	144463	1.07	cps
Beryllium	9-1	600	639	606	615	3.42	cps
Bismuth	209-1	4348709	4308169	4273027	4309968	0.88	cps
Bismuth	209-2	1997244	1972078	1986344	1985222	0.64	cps
Boron	10-1	85526	87352	86924	86600	1.10	cps
Boron	11-1	392425	396384	400186	396332	0.98	cps
Cadmium	111-1	1422	1253	1205	1293	8.81	cps
Cadmium	106-1	1917	1675	1617	1736	9.16	cps
Cadmium	108-1	17	4	21	14	62.43	cps
Calcium	43-1	1379674	1370396	1356641	1368904	0.85	cps
Calcium	44-1	18641013	18659853	18466950	18589272	0.57	cps
Chromium	52-2	2080	2117	2067	2088	1.24	cps
Cobalt	59-2	867	833	917	872	4.81	cps
Copper	63-2	13710	13416	13957	13694	1.98	cps
Dysprosium	156-1	25	33	25	28	17.31	cps
Dysprosium	156-2	7	3	20	10	88.20	cps
Erbium	164-1	42	17	58	39	53.93	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	17	50	58	42	52.91	cps
Gadolinium	160-2	27	20	20	22	17.33	cps
Holmium	165-1	5899241	5869573	5874818	5881210	0.27	cps
Holmium	165-2	2470492	2434704	2449025	2451407	0.73	cps
Indium	115-1	4200519	4136871	4061216	4132869	1.69	cps
Indium	115-2	595665	584197	587363	589075	1.01	cps
Iron	56-2	50632	49830	50086	50183	0.82	cps
Iron	57-2	2684	2967	2867	2839	5.06	cps
Lead	206-1	3428	3212	3250	3297	3.50	cps
Lead	207-1	2923	2706	2784	2804	3.92	cps
Lead	208-1	13536	12442	12486	12821	4.83	cps
Lithium	6-1	4396797	4394304	4340329	4377143	0.73	cps
Magnesium	24-2	830113	826677	822922	826571	0.44	cps
Manganese	55-2	31263	30786	30482	30844	1.28	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-01DUP	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-180104DL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:07:28	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1417	1425	1350	1397	2.94	cps
Molybdenum	95-1	1750	1934	1884	1856	5.11	cps
Molybdenum	96-1	2025	2025	1800	1950	6.66	cps
Molybdenum	97-1	2042	1692	2167	1967	12.52	cps
Molybdenum	98-1	2850	3234	2992	3025	6.41	cps
Neodymium	150-1	80	87	107	91	15.23	cps
Neodymium	150-2	10	3	10	8	49.52	cps
Nickel	60-2	3160	3067	3157	3128	1.69	cps
Phosphorus	31-2	258	358	392	336	20.64	cps
Potassium	39-2	215815	212018	212889	213574	0.93	cps
Rhodium	103-1	2852246	2828312	2803083	2827881	0.87	cps
Rhodium	103-2	1214836	1197416	1210305	1207519	0.75	cps
Scandium	45-1	2477873	2452771	2444114	2458253	0.71	cps
Scandium	45-2	89153	88284	88747	88728	0.49	cps
Selenium	77-2	3	3	23	10	115.51	cps
Selenium	78-2	17	19	11	15	24.99	cps
Selenium	82-1	-131	-229	-309	-223	-39.91	cps
Silicon	28-1	89418342	88539192	87472371	88476635	1.10	cps
Silver	109-1	1283	1517	1492	1431	8.96	cps
Silver	107-1	1450	1292	1375	1372	5.77	cps
Sodium	23-2	21816962	21701552	21564093	21694202	0.58	cps
Strontium	86-1	295567	295323	292967	294619	0.49	cps
Strontium	88-1	2640925	2614189	2597222	2617445	0.84	cps
Sulfur	34-1	1097411	1084615	1073953	1085326	1.08	cps
Terbium	159-1	5886422	5853933	5865088	5868481	0.28	cps
Terbium	159-2	2343076	2315807	2336240	2331708	0.61	cps
Thallium	203-1	375	333	342	350	6.30	cps
Thallium	205-1	967	858	667	831	18.29	cps
Tin	118-1	2875	3176	2950	3000	5.21	cps
Titanium	47-1	1500	1692	1575	1589	6.08	cps
Uranium	238-1	22696	21594	22337	22209	2.53	cps
Vanadium	51-2	6962	6965	7022	6983	0.48	cps
Yttrium	89-1	3373392	3340367	3321722	3345160	0.78	cps
Yttrium	89-2	381596	378825	381569	380663	0.42	cps
Zinc	66-2	537	547	520	534	2.52	cps
Zirconium	90-1	1350	1317	1058	1242	12.86	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-01DUP	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-180104DL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:07:28	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	358	625	292	425	41.53	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-01LX5	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-180104L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-10 14:11:02	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	283	233	261	9.75	cps
Antimony	121-1	1350	1083	1217	1217	10.96	cps
Arsenic	75-2	48	33	50	44	20.85	cps
Barium	135-1	15951	16369	16995	16438	3.19	cps
Barium	137-1	30176	28580	28990	29248	2.83	cps
Beryllium	9-1	406	500	461	456	10.42	cps
Bismuth	209-1	4429897	4410053	4343833	4394594	1.03	cps
Bismuth	209-2	2067086	2075953	2075353	2072798	0.24	cps
Boron	10-1	18570	19071	19413	19018	2.23	cps
Boron	11-1	86740	88392	88802	87978	1.24	cps
Cadmium	111-1	1109	1378	1107	1198	13.01	cps
Cadmium	106-1	1558	1934	1550	1681	13.03	cps
Cadmium	108-1	4	13	4	7	69.23	cps
Calcium	43-1	275330	275871	273099	274767	0.53	cps
Calcium	44-1	4041381	4041025	4027806	4036738	0.19	cps
Chromium	52-2	487	533	510	510	4.58	cps
Cobalt	59-2	193	190	230	204	10.86	cps
Copper	63-2	4327	4357	4114	4266	3.11	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	33	8	22	57.29	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	33	25	25	28	17.31	cps
Gadolinium	160-2	7	27	27	20	57.73	cps
Holmium	165-1	6130903	6053304	6011858	6065355	1.00	cps
Holmium	165-2	2551347	2550937	2560785	2554356	0.22	cps
Indium	115-1	3876532	3820590	3770644	3822588	1.39	cps
Indium	115-2	578665	578083	579996	578915	0.17	cps
Iron	56-2	13234	13901	13696	13610	2.51	cps
Iron	57-2	728	706	772	735	4.62	cps
Lead	206-1	733	672	650	685	6.30	cps
Lead	207-1	589	600	528	572	6.80	cps
Lead	208-1	2800	2800	2711	2771	1.85	cps
Lithium	6-1	3560489	3548577	3514184	3541083	0.68	cps
Magnesium	24-2	174159	173443	170298	172633	1.19	cps
Manganese	55-2	6405	6445	6582	6477	1.43	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-01LX5	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-180104L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-10 14:11:02	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	475	317	475	422	21.65	cps
Molybdenum	95-1	492	458	375	442	13.61	cps
Molybdenum	96-1	508	650	450	536	19.18	cps
Molybdenum	97-1	458	508	375	447	15.06	cps
Molybdenum	98-1	800	725	733	753	5.46	cps
Neodymium	150-1	7	20	27	18	57.27	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	980	837	983	933	8.97	cps
Phosphorus	31-2	250	292	233	258	11.63	cps
Potassium	39-2	59788	61512	59595	60299	1.75	cps
Rhodium	103-1	3032365	2998182	2975555	3002034	0.95	cps
Rhodium	103-2	1301841	1298434	1301490	1300588	0.14	cps
Scandium	45-1	2557949	2551768	2494297	2534671	1.38	cps
Scandium	45-2	93858	94060	94334	94084	0.25	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	13	7	7	9	34.60	cps
Selenium	82-1	-41	-53	-57	-50	-17.28	cps
Silicon	28-1	65411276	65372187	64829329	65204264	0.50	cps
Silver	109-1	625	500	575	567	11.10	cps
Silver	107-1	600	667	567	611	8.33	cps
Sodium	23-2	4515679	4514199	4510323	4513400	0.06	cps
Strontium	86-1	57759	61081	59023	59287	2.83	cps
Strontium	88-1	526947	520000	515458	520802	1.11	cps
Sulfur	34-1	612346	606744	603724	607605	0.72	cps
Terbium	159-1	6140856	6066966	5983401	6063741	1.30	cps
Terbium	159-2	2431079	2432456	2436354	2433296	0.11	cps
Thallium	203-1	108	100	167	125	29.06	cps
Thallium	205-1	292	342	350	328	9.63	cps
Tin	118-1	708	667	575	650	10.50	cps
Titanium	47-1	450	684	358	497	33.72	cps
Uranium	238-1	4601	4551	4384	4512	2.52	cps
Vanadium	51-2	1633	1590	1663	1629	2.26	cps
Yttrium	89-1	3497610	3452952	3394723	3448428	1.50	cps
Yttrium	89-2	401892	401700	401982	401858	0.04	cps
Zinc	66-2	150	217	197	188	18.22	cps
Zirconium	90-1	283	275	317	292	7.56	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-01LX5	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-180104L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-10 14:11:02	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	42	83	92	72	37.09	cps

LB Number : LB92554 Operator : Jaswal
 Lab Sample ID : J1058-01MS Instrumnet Name : P7
 Client Sample ID : SS037MW125-180104M Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 14:14:34 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	322422	321922	316378	320241	1.05	cps
Antimony	121-1	1334168	1337033	1329346	1333516	0.29	cps
Arsenic	75-2	29010	29142	28860	29004	0.49	cps
Barium	135-1	1712315	1726421	1714519	1717751	0.44	cps
Barium	137-1	3018868	3041011	3017185	3025688	0.44	cps
Beryllium	9-1	644135	639326	635196	639552	0.70	cps
Bismuth	209-1	3930191	3928747	3918087	3925675	0.17	cps
Bismuth	209-2	1788176	1792947	1784807	1788643	0.23	cps
Boron	10-1	151562	153790	155434	153595	1.27	cps
Boron	11-1	683102	695823	703117	694014	1.46	cps
Cadmium	111-1	289296	289254	287685	288745	0.32	cps
Cadmium	106-1	35153	33975	35170	34766	1.97	cps
Cadmium	108-1	23854	23198	23257	23436	1.55	cps
Calcium	43-1	1683859	1681295	1668328	1677827	0.50	cps
Calcium	44-1	22495913	22366463	22250748	22371041	0.55	cps
Chromium	52-2	326030	323643	320207	323293	0.91	cps
Cobalt	59-2	494306	489182	487589	490359	0.72	cps
Copper	63-2	707150	699313	696189	700884	0.81	cps
Dysprosium	156-1	67	133	50	83	52.92	cps
Dysprosium	156-2	40	13	27	27	50.01	cps
Erbium	164-1	1925	2092	1842	1953	6.52	cps
Erbium	164-2	737	680	707	708	4.01	cps
Gadolinium	160-1	200	375	167	247	45.27	cps
Gadolinium	160-2	107	67	83	86	23.48	cps
Holmium	165-1	5586795	5612446	5582850	5594031	0.29	cps
Holmium	165-2	2312390	2312895	2295452	2306912	0.43	cps
Indium	115-1	3652190	3624531	3598847	3625189	0.74	cps
Indium	115-2	523927	519476	515810	519738	0.78	cps
Iron	56-2	13139419	13044541	13000035	13061332	0.55	cps
Iron	57-2	314838	316693	317881	316471	0.48	cps
Lead	206-1	1497849	1500512	1502696	1500352	0.16	cps
Lead	207-1	1319310	1320074	1320969	1320118	0.06	cps
Lead	208-1	5999004	6027693	6019811	6015503	0.25	cps
Lithium	6-1	3946860	3954962	3923612	3941811	0.41	cps
Magnesium	24-2	5403850	5362352	5323965	5363389	0.74	cps
Manganese	55-2	374301	374220	373211	373911	0.16	cps

LB Number : LB92554 Operator : Jaswal
 Lab Sample ID : J1058-01MS Instrumnet Name : P7
 Client Sample ID : SS037MW125-180104M Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 14:14:34 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2275329	2288398	2259402	2274376	0.64	cps
Molybdenum	95-1	2790643	2801597	2762655	2784965	0.72	cps
Molybdenum	96-1	3130194	3128433	3090121	3116250	0.73	cps
Molybdenum	97-1	1739804	1741535	1724736	1735358	0.53	cps
Molybdenum	98-1	4589870	4562829	4551673	4568124	0.43	cps
Neodymium	150-1	240	213	273	242	12.41	cps
Neodymium	150-2	13	10	7	10	33.30	cps
Nickel	60-2	129018	129341	129028	129129	0.14	cps
Phosphorus	31-2	267	233	242	247	7.02	cps
Potassium	39-2	1460500	1447373	1434561	1447478	0.90	cps
Rhodium	103-1	2619070	2603879	2592992	2605313	0.50	cps
Rhodium	103-2	1106845	1102634	1097782	1102420	0.41	cps
Scandium	45-1	2293733	2272523	2266500	2277585	0.63	cps
Scandium	45-2	81550	82726	81412	81896	0.88	cps
Selenium	77-2	500	563	617	560	10.43	cps
Selenium	78-2	1846	1917	1956	1906	2.91	cps
Selenium	82-1	16474	16520	16487	16494	0.14	cps
Silicon	28-1	82567275	81858923	81132456	81852884	0.88	cps
Silver	109-1	1329668	1328074	1315540	1324427	0.58	cps
Silver	107-1	1368068	1367264	1368312	1367881	0.04	cps
Sodium	23-2	28297733	28072035	27825917	28065228	0.84	cps
Strontium	86-1	648768	638309	631981	639686	1.33	cps
Strontium	88-1	5754612	5767271	5745663	5755848	0.19	cps
Sulfur	34-1	1005017	1002271	989444	998910	0.83	cps
Terbium	159-1	5555075	5533374	5546158	5544869	0.20	cps
Terbium	159-2	2198078	2192136	2183765	2191326	0.33	cps
Thallium	203-1	1854340	1870375	1867743	1864153	0.46	cps
Thallium	205-1	4568689	4586724	4566495	4573969	0.24	cps
Tin	118-1	1025516	1024246	1022990	1024251	0.12	cps
Titanium	47-1	910737	914357	909754	911616	0.27	cps
Uranium	238-1	6694075	6737236	6757395	6729569	0.48	cps
Vanadium	51-2	271873	269122	267082	269359	0.89	cps
Yttrium	89-1	3122652	3117684	3100475	3113603	0.37	cps
Yttrium	89-2	351899	350334	347193	349809	0.69	cps
Zinc	66-2	89368	90334	88446	89383	1.06	cps
Zirconium	90-1	1905433	1914604	1892929	1904322	0.57	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-01MS	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-180104M	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:14:34	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	425450	422971	421678	423367	0.45	cps

LB Number : LB92554 Operator : Jaswal
 Lab Sample ID : J1058-01MSD Instrumnet Name : P7
 Client Sample ID : SS037MW125-180104M Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 14:18:07 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	301219	304635	306275	304043	0.85	cps
Antimony	121-1	1281687	1284644	1285513	1283948	0.16	cps
Arsenic	75-2	27719	28363	28036	28039	1.15	cps
Barium	135-1	1665601	1643163	1643603	1650789	0.78	cps
Barium	137-1	2906316	2909861	2921758	2912645	0.28	cps
Beryllium	9-1	611721	603469	603160	606117	0.80	cps
Bismuth	209-1	3810098	3795245	3781241	3795528	0.38	cps
Bismuth	209-2	1751938	1726830	1739117	1739295	0.72	cps
Boron	10-1	145703	147781	149750	147745	1.37	cps
Boron	11-1	659643	667097	673161	666634	1.02	cps
Cadmium	111-1	278153	278664	275848	277555	0.54	cps
Cadmium	106-1	33975	32446	32847	33089	2.40	cps
Cadmium	108-1	21851	21934	22101	21962	0.58	cps
Calcium	43-1	1589702	1590492	1584385	1588193	0.21	cps
Calcium	44-1	21419500	21324537	21419725	21387921	0.26	cps
Chromium	52-2	309696	308203	306505	308135	0.52	cps
Cobalt	59-2	468355	468030	466854	467747	0.17	cps
Copper	63-2	670854	669499	666466	668940	0.34	cps
Dysprosium	156-1	75	83	75	78	6.19	cps
Dysprosium	156-2	33	13	20	22	45.83	cps
Erbium	164-1	1625	1642	1575	1614	2.15	cps
Erbium	164-2	680	733	717	710	3.84	cps
Gadolinium	160-1	167	167	183	172	5.59	cps
Gadolinium	160-2	113	57	70	80	37.04	cps
Holmium	165-1	5451501	5420099	5432488	5434696	0.29	cps
Holmium	165-2	2265018	2229959	2242671	2245883	0.79	cps
Indium	115-1	3409487	3375225	3365968	3383560	0.68	cps
Indium	115-2	493985	486411	486231	488876	0.91	cps
Iron	56-2	12447868	12448001	12361342	12419071	0.40	cps
Iron	57-2	302375	302582	301206	302054	0.25	cps
Lead	206-1	1475696	1466803	1457889	1466796	0.61	cps
Lead	207-1	1290021	1300877	1284016	1291638	0.66	cps
Lead	208-1	5867432	5873988	5851756	5864392	0.19	cps
Lithium	6-1	3670491	3695280	3626694	3664155	0.95	cps
Magnesium	24-2	5169980	5120749	5090615	5127114	0.78	cps
Manganese	55-2	354057	357471	356635	356054	0.50	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-01MSD	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-180104M	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:18:07	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2186352	2167284	2170163	2174600	0.47	cps
Molybdenum	95-1	2671301	2660877	2661726	2664635	0.22	cps
Molybdenum	96-1	2979885	2961221	2972486	2971197	0.32	cps
Molybdenum	97-1	1667179	1666402	1657925	1663835	0.31	cps
Molybdenum	98-1	4374749	4370712	4333452	4359637	0.52	cps
Neodymium	150-1	173	200	240	204	16.41	cps
Neodymium	150-2	27	20	3	17	72.13	cps
Nickel	60-2	123501	124587	123138	123742	0.61	cps
Phosphorus	31-2	233	200	200	211	9.11	cps
Potassium	39-2	1366181	1360134	1355186	1360500	0.40	cps
Rhodium	103-1	2497094	2491954	2488664	2492571	0.17	cps
Rhodium	103-2	1066348	1064753	1061910	1064337	0.21	cps
Scandium	45-1	2166014	2150580	2155538	2157377	0.37	cps
Scandium	45-2	78956	77471	77143	77857	1.24	cps
Selenium	77-2	537	543	537	539	0.71	cps
Selenium	78-2	1846	1795	1722	1788	3.49	cps
Selenium	82-1	15918	15673	15795	15795	0.78	cps
Silicon	28-1	78005618	77120962	77003948	77376843	0.71	cps
Silver	109-1	1276501	1258726	1269262	1268163	0.70	cps
Silver	107-1	1316139	1316536	1315822	1316165	0.03	cps
Sodium	23-2	26968723	26774168	26815001	26852630	0.38	cps
Strontium	86-1	613049	607678	613049	611259	0.51	cps
Strontium	88-1	5489952	5473737	5466962	5476884	0.22	cps
Sulfur	34-1	944823	934314	939495	939544	0.56	cps
Terbium	159-1	5389196	5329753	5399157	5372702	0.70	cps
Terbium	159-2	2142595	2116929	2126713	2128746	0.61	cps
Thallium	203-1	1836458	1818893	1813798	1823050	0.65	cps
Thallium	205-1	4454608	4445668	4438326	4446201	0.18	cps
Tin	118-1	983028	986003	995897	988309	0.68	cps
Titanium	47-1	870234	865147	866748	867376	0.30	cps
Uranium	238-1	6568325	6596386	6601573	6588761	0.27	cps
Vanadium	51-2	255939	254220	254118	254759	0.40	cps
Yttrium	89-1	2989282	2946339	2967853	2967825	0.72	cps
Yttrium	89-2	336209	335050	333393	334884	0.42	cps
Zinc	66-2	85505	86099	85475	85693	0.41	cps
Zirconium	90-1	1827589	1818216	1802601	1816135	0.70	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-01MSD	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-180104M	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:18:07	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	407521	398535	402395	402817	1.12	cps

LB Number : LB92554 Operator : Jaswal
 Lab Sample ID : J1058-01A Instrumnet Name : P7
 Client Sample ID : SS037MW125-180104A Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 14:21:39 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	295586	295037	293891	294838	0.29	cps
Antimony	121-1	1266344	1264824	1252614	1261260	0.60	cps
Arsenic	75-2	27097	27198	26884	27060	0.59	cps
Barium	135-1	1620418	1618651	1622289	1620453	0.11	cps
Barium	137-1	2859041	2857087	2855072	2857067	0.07	cps
Beryllium	9-1	593308	589974	585557	589613	0.66	cps
Bismuth	209-1	3745628	3766983	3690903	3734505	1.05	cps
Bismuth	209-2	1699507	1700538	1698036	1699360	0.07	cps
Boron	10-1	141901	143877	144054	143277	0.83	cps
Boron	11-1	638498	653159	652125	647927	1.26	cps
Cadmium	111-1	274938	273716	273497	274050	0.28	cps
Cadmium	106-1	33633	33800	33290	33574	0.77	cps
Cadmium	108-1	22022	21642	21659	21774	0.99	cps
Calcium	43-1	1543640	1542575	1536185	1540800	0.26	cps
Calcium	44-1	20665535	20643159	20517830	20608841	0.39	cps
Chromium	52-2	299249	297848	299015	298704	0.25	cps
Cobalt	59-2	456450	455026	454579	455352	0.21	cps
Copper	63-2	654587	651501	649590	651893	0.39	cps
Dysprosium	156-1	58	108	75	81	31.60	cps
Dysprosium	156-2	23	23	7	18	54.11	cps
Erbium	164-1	1850	1809	1625	1761	6.80	cps
Erbium	164-2	710	647	783	713	9.59	cps
Gadolinium	160-1	242	125	233	200	32.54	cps
Gadolinium	160-2	60	113	97	90	30.32	cps
Holmium	165-1	5362879	5378296	5308810	5349995	0.68	cps
Holmium	165-2	2201962	2208402	2209515	2206626	0.18	cps
Indium	115-1	3299847	3288629	3221597	3270025	1.29	cps
Indium	115-2	473177	475497	473029	473901	0.29	cps
Iron	56-2	12118215	12067258	12037600	12074357	0.34	cps
Iron	57-2	295197	294269	295559	295008	0.23	cps
Lead	206-1	1450338	1427316	1450049	1442568	0.92	cps
Lead	207-1	1277455	1273697	1275711	1275621	0.15	cps
Lead	208-1	5810516	5770640	5801218	5794125	0.36	cps
Lithium	6-1	3460167	3468833	3404263	3444421	1.02	cps
Magnesium	24-2	4964794	4958503	4918453	4947250	0.51	cps
Manganese	55-2	347730	344701	344326	345585	0.54	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-01A	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-180104A	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:21:39	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2137953	2135156	2139090	2137400	0.09	cps
Molybdenum	95-1	2622392	2600826	2603364	2608861	0.45	cps
Molybdenum	96-1	2924535	2921644	2905608	2917262	0.35	cps
Molybdenum	97-1	1631960	1628071	1623128	1627720	0.27	cps
Molybdenum	98-1	4299059	4265598	4273099	4279252	0.41	cps
Neodymium	150-1	193	253	200	216	15.26	cps
Neodymium	150-2	20	3	7	10	88.20	cps
Nickel	60-2	121018	120272	119263	120184	0.73	cps
Phosphorus	31-2	300	175	267	247	26.18	cps
Potassium	39-2	1316819	1307362	1303713	1309298	0.52	cps
Rhodium	103-1	2457873	2460393	2407898	2442055	1.21	cps
Rhodium	103-2	1035638	1034382	1030102	1033374	0.28	cps
Scandium	45-1	2102786	2115961	2066621	2095123	1.22	cps
Scandium	45-2	75240	74208	73448	74298	1.21	cps
Selenium	77-2	480	437	510	476	7.75	cps
Selenium	78-2	1759	1754	1765	1759	0.32	cps
Selenium	82-1	15485	16011	15535	15677	1.85	cps
Silicon	28-1	74155114	73516906	72819775	73497265	0.91	cps
Silver	109-1	1251824	1250492	1245794	1249370	0.25	cps
Silver	107-1	1293424	1273650	1286747	1284607	0.78	cps
Sodium	23-2	25910516	25946547	25769996	25875686	0.36	cps
Strontium	86-1	605476	595785	591778	597680	1.18	cps
Strontium	88-1	5400978	5363117	5324392	5362829	0.71	cps
Sulfur	34-1	909837	903427	892928	902064	0.95	cps
Terbium	159-1	5301729	5317866	5246706	5288767	0.71	cps
Terbium	159-2	2092641	2083742	2096509	2090964	0.31	cps
Thallium	203-1	1803297	1787067	1793552	1794638	0.46	cps
Thallium	205-1	4398436	4366190	4377911	4380846	0.37	cps
Tin	118-1	979316	965442	967664	970807	0.77	cps
Titanium	47-1	842106	840964	833811	838960	0.54	cps
Uranium	238-1	6491246	6558141	6532201	6527196	0.52	cps
Vanadium	51-2	248613	248304	247894	248270	0.15	cps
Yttrium	89-1	2920974	2909835	2883185	2904665	0.67	cps
Yttrium	89-2	326265	323676	326040	325327	0.44	cps
Zinc	66-2	84164	83423	82726	83438	0.86	cps
Zirconium	90-1	1783628	1774376	1776023	1778009	0.28	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-01A	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-180104A	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:21:39	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	397832	395305	396386	396508	0.32	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-02	Instrumnet Name :	P7
Client Sample ID :	SS037MW076-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:25:10	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	117	108	117	7.14	cps
Antimony	121-1	4451	4551	4501	4501	1.11	cps
Arsenic	75-2	2984	2956	2848	2929	2.44	cps
Barium	135-1	107337	107320	105910	106855	0.77	cps
Barium	137-1	187001	188276	187703	187660	0.34	cps
Beryllium	9-1	1611	1556	1428	1532	6.14	cps
Bismuth	209-1	3840795	3854645	3764071	3819837	1.28	cps
Bismuth	209-2	1763987	1761413	1768065	1764489	0.19	cps
Boron	10-1	45227	46623	46832	46227	1.89	cps
Boron	11-1	209507	210114	210690	210104	0.28	cps
Cadmium	111-1	1056	968	1114	1046	7.06	cps
Cadmium	106-1	1350	1292	1442	1361	5.56	cps
Cadmium	108-1	21	17	17	18	13.30	cps
Calcium	43-1	744306	741514	739651	741824	0.32	cps
Calcium	44-1	10299021	10230513	10251067	10260200	0.34	cps
Chromium	52-2	437	510	430	459	9.67	cps
Cobalt	59-2	5665	5751	5514	5643	2.12	cps
Copper	63-2	15585	15282	15949	15605	2.14	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	10	10	0	7	86.60	cps
Erbium	164-1	25	25	33	28	17.31	cps
Erbium	164-2	17	3	3	8	99.04	cps
Gadolinium	160-1	33	17	17	22	43.28	cps
Gadolinium	160-2	20	17	10	16	32.73	cps
Holmium	165-1	5301168	5299605	5237639	5279471	0.69	cps
Holmium	165-2	2210774	2199884	2207485	2206047	0.25	cps
Indium	115-1	3311073	3284685	3225968	3273909	1.33	cps
Indium	115-2	484389	479940	479398	481242	0.57	cps
Iron	56-2	290058	286098	284354	286837	1.02	cps
Iron	57-2	7913	7819	7841	7858	0.63	cps
Lead	206-1	2000	1811	1728	1846	7.56	cps
Lead	207-1	1489	1656	1572	1572	5.30	cps
Lead	208-1	7423	7318	7351	7364	0.73	cps
Lithium	6-1	3412086	3393539	3338707	3381444	1.13	cps
Magnesium	24-2	989186	970791	968719	976232	1.15	cps
Manganese	55-2	522270	523956	517587	521271	0.63	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-02	Instrumnet Name :	P7
Client Sample ID :	SS037MW076-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:25:10	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2650	2725	2392	2589	6.76	cps
Molybdenum	95-1	3651	3642	3701	3665	0.86	cps
Molybdenum	96-1	4601	4309	3859	4256	8.78	cps
Molybdenum	97-1	2267	2250	2225	2248	0.93	cps
Molybdenum	98-1	6285	6160	6310	6252	1.29	cps
Neodymium	150-1	80	40	87	69	36.64	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	4828	4611	4564	4667	3.01	cps
Phosphorus	31-2	192	175	192	186	5.17	cps
Potassium	39-2	75719	73516	73994	74409	1.56	cps
Rhodium	103-1	2450466	2452682	2408446	2437198	1.02	cps
Rhodium	103-2	1051947	1059098	1053208	1054751	0.36	cps
Scandium	45-1	2042188	2030781	1989801	2020923	1.36	cps
Scandium	45-2	73284	72543	73709	73179	0.81	cps
Selenium	77-2	3	0	13	6	124.93	cps
Selenium	78-2	9	9	7	9	12.36	cps
Selenium	82-1	-243	-264	-237	-248	-5.73	cps
Silicon	28-1	68364422	67961106	67601779	67975769	0.56	cps
Silver	109-1	1058	975	967	1000	5.07	cps
Silver	107-1	1142	1092	983	1072	7.55	cps
Sodium	23-2	10783572	10698380	10684713	10722222	0.50	cps
Strontium	86-1	256595	256867	253908	255790	0.64	cps
Strontium	88-1	2261302	2246309	2257628	2255080	0.35	cps
Sulfur	34-1	567389	565846	561766	565001	0.51	cps
Terbium	159-1	5273749	5259391	5170002	5234381	1.07	cps
Terbium	159-2	2090241	2090856	2089476	2090191	0.03	cps
Thallium	203-1	908	917	983	936	4.39	cps
Thallium	205-1	2309	2317	2250	2292	1.58	cps
Tin	118-1	5360	5101	5051	5171	3.20	cps
Titanium	47-1	1183	1075	1208	1156	6.13	cps
Uranium	238-1	6844	7036	6760	6880	2.05	cps
Vanadium	51-2	1577	1683	1553	1605	4.32	cps
Yttrium	89-1	2860371	2852772	2804786	2839310	1.06	cps
Yttrium	89-2	324342	321696	322583	322874	0.42	cps
Zinc	66-2	447	417	360	408	10.79	cps
Zirconium	90-1	1642	1317	1225	1395	15.70	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-02	Instrumnet Name :	P7
Client Sample ID :	SS037MW076-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:25:10	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	367	367	375	369	1.30	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P7
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:28:41	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1592862	1605959	1607288	1602036	0.50	cps
Antimony	121-1	1172570	1167928	1173883	1171460	0.27	cps
Arsenic	75-2	27923	27710	27786	27806	0.39	cps
Barium	135-1	1559510	1544981	1544104	1549532	0.56	cps
Barium	137-1	2741293	2724258	2709576	2725042	0.58	cps
Beryllium	9-1	602055	598713	597650	599472	0.38	cps
Bismuth	209-1	3717677	3678766	3713348	3703263	0.58	cps
Bismuth	209-2	1743605	1837729	1805061	1795465	2.66	cps
Boron	10-1	71000	72106	73378	72161	1.65	cps
Boron	11-1	310503	315863	319109	315158	1.38	cps
Cadmium	111-1	269074	265020	265458	266517	0.83	cps
Cadmium	106-1	33524	32280	32338	32714	2.15	cps
Cadmium	108-1	21158	21258	21174	21197	0.25	cps
Calcium	43-1	1905364	1903392	1904069	1904275	0.05	cps
Calcium	44-1	25374810	25255040	25432783	25354211	0.36	cps
Chromium	52-2	307488	309680	309914	309027	0.43	cps
Cobalt	59-2	468242	469541	465606	467796	0.43	cps
Copper	63-2	645109	644350	645594	645018	0.10	cps
Dysprosium	156-1	67	67	58	64	7.53	cps
Dysprosium	156-2	27	27	20	24	15.75	cps
Erbium	164-1	8	42	8	19	99.00	cps
Erbium	164-2	13	10	13	12	15.73	cps
Gadolinium	160-1	42	67	50	53	24.12	cps
Gadolinium	160-2	30	27	20	26	19.92	cps
Holmium	165-1	5471350	5474980	5482598	5476309	0.10	cps
Holmium	165-2	2317789	2411028	2365822	2364879	1.97	cps
Indium	115-1	3132719	3135185	3136382	3134762	0.06	cps
Indium	115-2	479439	499214	489413	489355	2.02	cps
Iron	56-2	62253815	62505513	62310624	62356650	0.21	cps
Iron	57-2	1509829	1512173	1507308	1509770	0.16	cps
Lead	206-1	1417033	1408950	1404112	1410032	0.46	cps
Lead	207-1	1254602	1238359	1235641	1242867	0.82	cps
Lead	208-1	5697174	5624756	5618682	5646871	0.77	cps
Lithium	6-1	2740980	2737106	2722244	2733443	0.36	cps
Magnesium	24-2	20511559	20621835	20544504	20559299	0.28	cps
Manganese	55-2	338473	339961	339420	339285	0.22	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P7
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:28:41	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2137063	2122253	2123631	2127649	0.38	cps
Molybdenum	95-1	2608247	2581608	2581382	2590412	0.60	cps
Molybdenum	96-1	2906972	2884578	2890864	2894138	0.40	cps
Molybdenum	97-1	1636154	1617800	1616131	1623362	0.68	cps
Molybdenum	98-1	4276922	4236734	4223659	4245772	0.65	cps
Neodymium	150-1	300	193	180	224	29.31	cps
Neodymium	150-2	13	17	17	16	12.40	cps
Nickel	60-2	119085	119227	118353	118888	0.39	cps
Phosphorus	31-2	13765	14099	13990	13952	1.22	cps
Potassium	39-2	6234735	6288859	6308015	6277203	0.61	cps
Rhodium	103-1	2504868	2487622	2495780	2496090	0.35	cps
Rhodium	103-2	1085000	1129358	1110947	1108435	2.01	cps
Scandium	45-1	2178282	2172760	2196010	2182350	0.56	cps
Scandium	45-2	81583	86045	84878	84168	2.75	cps
Selenium	77-2	577	627	547	583	6.93	cps
Selenium	78-2	1833	1854	1928	1872	2.66	cps
Selenium	82-1	15110	14935	14851	14965	0.88	cps
Silicon	28-1	49529879	50007805	49030948	49522877	0.99	cps
Silver	109-1	1212089	1190271	1193539	1198633	0.98	cps
Silver	107-1	1237960	1235063	1233219	1235414	0.19	cps
Sodium	23-2	38092886	38312761	38356235	38253961	0.37	cps
Strontium	86-1	351079	346873	346587	348180	0.72	cps
Strontium	88-1	3093827	3093683	3063798	3083769	0.56	cps
Sulfur	34-1	546454	539949	544857	543753	0.62	cps
Terbium	159-1	5439610	5440912	5396359	5425627	0.47	cps
Terbium	159-2	2200887	2280610	2245653	2242383	1.78	cps
Thallium	203-1	1715184	1709432	1700154	1708256	0.44	cps
Thallium	205-1	4218887	4195631	4166246	4193588	0.63	cps
Tin	118-1	981771	972132	967469	973791	0.75	cps
Titanium	47-1	854745	854130	848012	852296	0.44	cps
Uranium	238-1	6549165	6503523	6503626	6518771	0.40	cps
Vanadium	51-2	258155	257870	256629	257552	0.32	cps
Yttrium	89-1	3000711	3007897	3006427	3005012	0.13	cps
Yttrium	89-2	354778	367532	363909	362073	1.82	cps
Zinc	66-2	88824	88161	88704	88563	0.40	cps
Zirconium	90-1	1785763	1781986	1770956	1779568	0.43	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P7
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:28:41	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	397695	392078	396263	395345	0.74	cps

LB Number : LB92554 Operator : Jaswal
 Lab Sample ID : CCB90 Instrumnet Name : P7
 Client Sample ID : CCB90 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 14:43:38 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	33	17	19	65.47	cps
Antimony	121-1	300	292	342	311	8.61	cps
Arsenic	75-2	2	4	0	2	100.00	cps
Barium	135-1	25	75	117	72	63.55	cps
Barium	137-1	142	125	133	133	6.25	cps
Beryllium	9-1	717	633	578	643	10.88	cps
Bismuth	209-1	4166806	4136302	4082849	4128652	1.03	cps
Bismuth	209-2	2032640	2004700	1968229	2001856	1.61	cps
Boron	10-1	1825	1392	1700	1639	13.61	cps
Boron	11-1	6435	6368	6677	6493	2.50	cps
Cadmium	111-1	1068	1131	1280	1160	9.39	cps
Cadmium	106-1	1500	1592	1825	1639	10.22	cps
Cadmium	108-1	4	0	8	4	99.96	cps
Calcium	43-1	117	117	133	122	7.87	cps
Calcium	44-1	300321	297563	296708	298197	0.63	cps
Chromium	52-2	107	100	117	108	7.78	cps
Cobalt	59-2	150	117	123	130	13.57	cps
Copper	63-2	1557	1563	1560	1560	0.21	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	8	17	11	43.34	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	33	42	8	28	62.46	cps
Gadolinium	160-2	17	13	20	17	20.01	cps
Holmium	165-1	5696669	5617618	5617955	5644081	0.81	cps
Holmium	165-2	2498305	2446398	2420738	2455147	1.61	cps
Indium	115-1	3495434	3473675	3473769	3480960	0.36	cps
Indium	115-2	558345	547814	536778	547645	1.97	cps
Iron	56-2	4801	4540	4818	4719	3.30	cps
Iron	57-2	128	144	117	130	10.79	cps
Lead	206-1	945	939	978	954	2.21	cps
Lead	207-1	856	895	822	857	4.22	cps
Lead	208-1	4011	3823	3884	3906	2.47	cps
Lithium	6-1	3045018	3029991	3024975	3033328	0.34	cps
Magnesium	24-2	1275	1350	1208	1278	5.55	cps
Manganese	55-2	83	63	87	78	16.23	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P7
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:43:38	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	183	225	200	203	10.34	cps
Molybdenum	95-1	192	175	175	181	5.33	cps
Molybdenum	96-1	267	242	292	267	9.38	cps
Molybdenum	97-1	75	158	125	119	35.12	cps
Molybdenum	98-1	350	308	342	333	6.61	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	460	450	400	437	7.36	cps
Phosphorus	31-2	217	300	133	217	38.46	cps
Potassium	39-2	16209	17136	16093	16479	3.47	cps
Rhodium	103-1	2892406	2876729	2875934	2881690	0.32	cps
Rhodium	103-2	1292997	1277352	1248231	1272860	1.78	cps
Scandium	45-1	2396301	2399615	2379961	2391959	0.44	cps
Scandium	45-2	93244	90368	88982	90865	2.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	19	2	9	91.66	cps
Selenium	82-1	-13	-11	-32	-19	-61.36	cps
Silicon	28-1	52911850	52714133	53456237	53027407	0.72	cps
Silver	109-1	117	92	108	106	12.06	cps
Silver	107-1	158	117	133	136	15.41	cps
Sodium	23-2	22443	22593	22701	22579	0.58	cps
Strontium	86-1	108	133	125	122	10.41	cps
Strontium	88-1	175	167	133	158	13.92	cps
Sulfur	34-1	441677	442508	446262	443482	0.55	cps
Terbium	159-1	5652773	5620006	5578293	5617024	0.66	cps
Terbium	159-2	2380039	2350361	2310623	2347007	1.48	cps
Thallium	203-1	150	175	233	186	22.98	cps
Thallium	205-1	433	433	567	478	16.11	cps
Tin	118-1	475	408	392	425	10.37	cps
Titanium	47-1	250	200	225	225	11.11	cps
Uranium	238-1	117	117	83	106	18.23	cps
Vanadium	51-2	20	17	20	19	10.18	cps
Yttrium	89-1	3278009	3260023	3235883	3257972	0.65	cps
Yttrium	89-2	397896	391380	386523	391933	1.46	cps
Zinc	66-2	60	53	53	56	6.93	cps
Zirconium	90-1	275	308	267	283	7.78	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P7
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:43:38	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	83	75	75	11.11	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-03	Instrumnet Name :	P7
Client Sample ID :	KY036MW016-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:47:10	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	225	108	183	35.50	cps
Antimony	121-1	4368	3742	3509	3873	11.46	cps
Arsenic	75-2	1858	1921	1900	1893	1.70	cps
Barium	135-1	69817	68720	66768	68435	2.26	cps
Barium	137-1	119393	119821	118198	119137	0.71	cps
Beryllium	9-1	522	539	494	519	4.33	cps
Bismuth	209-1	4008512	3861983	3988162	3952885	2.01	cps
Bismuth	209-2	1808240	1815404	1810576	1811407	0.20	cps
Boron	10-1	26532	26107	27259	26633	2.19	cps
Boron	11-1	121434	124636	123392	123154	1.31	cps
Cadmium	111-1	1013	947	927	962	4.67	cps
Cadmium	106-1	1400	1325	1250	1325	5.66	cps
Cadmium	108-1	13	38	21	24	53.92	cps
Calcium	43-1	443323	439833	429617	437591	1.63	cps
Calcium	44-1	6194858	6189642	6093203	6159234	0.93	cps
Chromium	52-2	773	820	793	796	2.94	cps
Cobalt	59-2	273	267	257	266	3.16	cps
Copper	63-2	12189	12762	13213	12721	4.04	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	42	8	0	17	132.30	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	25	8	8	14	69.31	cps
Gadolinium	160-2	23	23	27	24	7.89	cps
Holmium	165-1	5363441	5178830	5390017	5310763	2.17	cps
Holmium	165-2	2222721	2212854	2211922	2215832	0.27	cps
Indium	115-1	3605054	3422778	3518893	3515575	2.59	cps
Indium	115-2	499321	503004	493402	498576	0.97	cps
Iron	56-2	142675	143842	140690	142402	1.12	cps
Iron	57-2	4417	4090	3928	4145	6.01	cps
Lead	206-1	1734	1656	1745	1711	2.83	cps
Lead	207-1	1489	1500	1417	1469	3.08	cps
Lead	208-1	6995	6579	6590	6721	3.53	cps
Lithium	6-1	3758832	3691893	3717983	3722903	0.91	cps
Magnesium	24-2	498937	497567	494531	497012	0.45	cps
Manganese	55-2	380208	384149	381980	382112	0.52	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-03	Instrumnet Name :	P7
Client Sample ID :	KY036MW016-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:47:10	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9203	8828	8670	8900	3.08	cps
Molybdenum	95-1	14374	14458	14082	14305	1.38	cps
Molybdenum	96-1	15567	16076	15659	15768	1.72	cps
Molybdenum	97-1	8720	9453	8953	9042	4.15	cps
Molybdenum	98-1	24672	23854	23938	24155	1.86	cps
Neodymium	150-1	67	107	73	82	26.06	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	1723	1760	1797	1760	2.08	cps
Phosphorus	31-2	250	175	192	206	19.16	cps
Potassium	39-2	75743	74002	75920	75222	1.41	cps
Rhodium	103-1	2563032	2468339	2558732	2530034	2.11	cps
Rhodium	103-2	1074364	1076265	1070905	1073845	0.25	cps
Scandium	45-1	2109808	2010745	2089648	2070067	2.53	cps
Scandium	45-2	73585	73578	72259	73141	1.04	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	7	2	9	6	62.47	cps
Selenium	82-1	-76	-38	-69	-61	-33.34	cps
Silicon	28-1	62920693	62374501	61283789	62192994	1.34	cps
Silver	109-1	1633	1250	1283	1389	15.29	cps
Silver	107-1	1717	1625	1267	1536	15.48	cps
Sodium	23-2	3740183	3753916	3714883	3736327	0.53	cps
Strontium	86-1	142475	140640	139807	140974	0.97	cps
Strontium	88-1	1263786	1246705	1239544	1250012	1.00	cps
Sulfur	34-1	444529	434743	426167	435146	2.11	cps
Terbium	159-1	5331975	5165282	5379713	5292323	2.13	cps
Terbium	159-2	2099873	2106934	2103600	2103469	0.17	cps
Thallium	203-1	158	258	133	183	36.08	cps
Thallium	205-1	592	517	400	503	19.21	cps
Tin	118-1	3942	3817	3567	3776	5.06	cps
Titanium	47-1	792	767	733	764	3.83	cps
Uranium	238-1	2034	2400	2234	2223	8.26	cps
Vanadium	51-2	463	487	483	478	2.64	cps
Yttrium	89-1	2958370	2842960	2943519	2914950	2.15	cps
Yttrium	89-2	324945	327493	324753	325730	0.47	cps
Zinc	66-2	367	327	400	364	10.07	cps
Zirconium	90-1	1884	1600	1483	1656	12.43	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-03	Instrumnet Name :	P7
Client Sample ID :	KY036MW016-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:47:10	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	550	350	342	414	28.50	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-04	Instrumnet Name :	P7
Client Sample ID :	SS037MW202-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:50:41	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	192	117	153	24.60	cps
Antimony	121-1	3526	3551	3542	3539	0.36	cps
Arsenic	75-2	1328	1232	1345	1301	4.69	cps
Barium	135-1	281655	281179	276013	279616	1.12	cps
Barium	137-1	493944	492856	493020	493273	0.12	cps
Beryllium	9-1	433	478	472	461	5.25	cps
Bismuth	209-1	3816773	3785717	3765901	3789464	0.68	cps
Bismuth	209-2	1763623	1762819	1757327	1761256	0.19	cps
Boron	10-1	23536	23260	23260	23352	0.68	cps
Boron	11-1	108915	111156	112837	110969	1.77	cps
Cadmium	111-1	947	984	1130	1020	9.49	cps
Cadmium	106-1	1283	1333	1500	1372	8.27	cps
Cadmium	108-1	8	17	17	14	34.67	cps
Calcium	43-1	644937	639691	644924	643184	0.47	cps
Calcium	44-1	8885490	8839721	8828100	8851103	0.34	cps
Chromium	52-2	670	677	697	681	2.04	cps
Cobalt	59-2	2807	2900	2510	2739	7.44	cps
Copper	63-2	13893	13853	14431	14059	2.29	cps
Dysprosium	156-1	25	33	17	25	33.32	cps
Dysprosium	156-2	3	13	10	9	57.30	cps
Erbium	164-1	33	33	25	31	15.75	cps
Erbium	164-2	17	20	17	18	10.81	cps
Gadolinium	160-1	50	25	17	31	56.77	cps
Gadolinium	160-2	30	33	13	26	41.94	cps
Holmium	165-1	5220040	5190022	5188343	5199469	0.34	cps
Holmium	165-2	2190287	2196813	2183356	2190152	0.31	cps
Indium	115-1	3269089	3231433	3206765	3235762	0.97	cps
Indium	115-2	480949	477930	475796	478225	0.54	cps
Iron	56-2	177452	177829	176958	177413	0.25	cps
Iron	57-2	4957	5251	4995	5068	3.16	cps
Lead	206-1	1556	1689	1684	1643	4.59	cps
Lead	207-1	1117	1295	1106	1172	9.04	cps
Lead	208-1	5801	6267	5884	5984	4.16	cps
Lithium	6-1	3371071	3324462	3302665	3332733	1.05	cps
Magnesium	24-2	867432	863619	857332	862794	0.59	cps
Manganese	55-2	592813	595990	591901	593568	0.36	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-04	Instrumnet Name :	P7
Client Sample ID :	SS037MW202-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:50:41	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2067	2217	1917	2067	7.26	cps
Molybdenum	95-1	3292	3067	2909	3089	6.24	cps
Molybdenum	96-1	3234	3159	2917	3103	5.33	cps
Molybdenum	97-1	2067	2075	2059	2067	0.40	cps
Molybdenum	98-1	4693	4901	4959	4851	2.89	cps
Neodymium	150-1	80	107	33	73	50.62	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	1790	1837	1773	1800	1.82	cps
Phosphorus	31-2	208	175	183	189	9.18	cps
Potassium	39-2	93335	92865	95188	93796	1.31	cps
Rhodium	103-1	2430065	2410514	2419296	2419958	0.40	cps
Rhodium	103-2	1042684	1040777	1042375	1041945	0.10	cps
Scandium	45-1	1998012	1973903	1982281	1984732	0.62	cps
Scandium	45-2	71120	72246	70982	71449	0.97	cps
Selenium	77-2	7	10	10	9	21.63	cps
Selenium	78-2	7	2	7	6	57.77	cps
Selenium	82-1	-97	-186	-173	-152	-31.46	cps
Silicon	28-1	62394287	61887670	61150922	61810960	1.01	cps
Silver	109-1	958	817	975	917	9.49	cps
Silver	107-1	1142	850	1033	1008	14.62	cps
Sodium	23-2	6283946	6260427	6241290	6261888	0.34	cps
Strontium	86-1	362965	357529	359778	360091	0.76	cps
Strontium	88-1	3207269	3184142	3207863	3199758	0.42	cps
Sulfur	34-1	405097	395169	392506	397590	1.67	cps
Terbium	159-1	5193174	5143886	5157425	5164828	0.49	cps
Terbium	159-2	2070638	2078458	2070215	2073103	0.22	cps
Thallium	203-1	83	75	100	86	14.78	cps
Thallium	205-1	183	242	233	219	14.38	cps
Tin	118-1	2625	2475	2417	2506	4.29	cps
Titanium	47-1	1067	975	867	970	10.33	cps
Uranium	238-1	1534	1450	1500	1495	2.81	cps
Vanadium	51-2	677	653	670	667	1.80	cps
Yttrium	89-1	2807447	2790736	2799413	2799198	0.30	cps
Yttrium	89-2	319414	319141	316992	318516	0.42	cps
Zinc	66-2	797	763	733	764	4.14	cps
Zirconium	90-1	933	1092	808	945	15.04	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-04	Instrumnet Name :	P7
Client Sample ID :	SS037MW202-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:50:41	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	183	217	200	8.33	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-05	Instrumnet Name :	P7
Client Sample ID :	SS038MW050-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:54:13	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	142	167	164	12.80	cps
Antimony	121-1	3517	3176	3426	3373	5.24	cps
Arsenic	75-2	3852	3726	3871	3817	2.06	cps
Barium	135-1	147970	147508	148014	147830	0.19	cps
Barium	137-1	256122	259119	259874	258371	0.77	cps
Beryllium	9-1	356	406	444	402	11.09	cps
Bismuth	209-1	3744920	3770022	3754705	3756549	0.34	cps
Bismuth	209-2	1742173	1738729	1727318	1736073	0.45	cps
Boron	10-1	33855	33655	33313	33608	0.82	cps
Boron	11-1	154028	155021	157857	155635	1.28	cps
Cadmium	111-1	996	757	931	895	13.79	cps
Cadmium	106-1	1367	1017	1258	1214	14.76	cps
Cadmium	108-1	4	13	29	15	83.31	cps
Calcium	43-1	569602	566503	567039	567715	0.29	cps
Calcium	44-1	7887460	7912009	7869220	7889563	0.27	cps
Chromium	52-2	547	490	523	520	5.48	cps
Cobalt	59-2	153	210	193	186	15.70	cps
Copper	63-2	15468	16196	16306	15990	2.85	cps
Dysprosium	156-1	33	17	0	17	99.99	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	17	50	25	31	56.77	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	17	17	25	19	24.73	cps
Gadolinium	160-2	33	17	20	23	37.78	cps
Holmium	165-1	5146797	5142827	5199934	5163186	0.62	cps
Holmium	165-2	2166174	2155774	2161242	2161063	0.24	cps
Indium	115-1	3191155	3164111	3161116	3172127	0.52	cps
Indium	115-2	465919	465533	464661	465371	0.14	cps
Iron	56-2	2679481	2666054	2663312	2669616	0.32	cps
Iron	57-2	66127	67449	66450	66675	1.03	cps
Lead	206-1	2022	1989	2128	2047	3.54	cps
Lead	207-1	1806	1578	1695	1693	6.73	cps
Lead	208-1	7890	7812	8218	7973	2.70	cps
Lithium	6-1	3230001	3209381	3181313	3206899	0.76	cps
Magnesium	24-2	828377	830412	829389	829393	0.12	cps
Manganese	55-2	145480	145165	144945	145197	0.19	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-05	Instrumnet Name :	P7
Client Sample ID :	SS038MW050-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:54:13	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1584	1659	1392	1545	8.90	cps
Molybdenum	95-1	3059	2284	2492	2611	15.36	cps
Molybdenum	96-1	2842	2725	2600	2723	4.44	cps
Molybdenum	97-1	1475	1800	1642	1639	9.92	cps
Molybdenum	98-1	4351	4384	4343	4359	0.51	cps
Neodymium	150-1	73	80	80	78	4.94	cps
Neodymium	150-2	0	0	13	4	173.21	cps
Nickel	60-2	753	807	843	801	5.65	cps
Phosphorus	31-2	250	233	250	244	3.94	cps
Potassium	39-2	73055	70350	71230	71545	1.93	cps
Rhodium	103-1	2412040	2404412	2392173	2402875	0.42	cps
Rhodium	103-2	1032035	1026546	1036592	1031724	0.49	cps
Scandium	45-1	1962513	1936516	1931232	1943420	0.86	cps
Scandium	45-2	69700	70775	69405	69960	1.03	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	0	6	0	2	173.21	cps
Selenium	82-1	-114	-101	-133	-116	-13.56	cps
Silicon	28-1	61119831	60521110	60140968	60593969	0.81	cps
Silver	109-1	825	850	867	847	2.48	cps
Silver	107-1	1117	883	875	958	14.32	cps
Sodium	23-2	5384780	5347576	5400271	5377542	0.50	cps
Strontium	86-1	251583	252186	249915	251228	0.47	cps
Strontium	88-1	2225300	2221549	2206934	2217928	0.44	cps
Sulfur	34-1	392739	389442	385929	389370	0.87	cps
Terbium	159-1	5122098	5115509	5126196	5121268	0.11	cps
Terbium	159-2	2045952	2049493	2054298	2049914	0.20	cps
Thallium	203-1	42	33	83	53	50.76	cps
Thallium	205-1	100	92	175	122	37.55	cps
Tin	118-1	2742	2967	2984	2898	4.66	cps
Titanium	47-1	950	992	850	931	7.82	cps
Uranium	238-1	50	42	58	50	16.67	cps
Vanadium	51-2	447	457	423	442	3.87	cps
Yttrium	89-1	2760935	2758639	2755878	2758484	0.09	cps
Yttrium	89-2	312775	312116	314908	313266	0.47	cps
Zinc	66-2	477	527	517	507	5.22	cps
Zirconium	90-1	567	608	592	589	3.56	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-05	Instrumnet Name :	P7
Client Sample ID :	SS038MW050-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:54:13	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	292	142	167	200	40.18	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-06	Instrumnet Name :	P7
Client Sample ID :	SS038MW004-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:57:45	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	292	333	325	317	6.96	cps
Antimony	121-1	3467	3317	3401	3395	2.21	cps
Arsenic	75-2	3145	3211	3158	3171	1.11	cps
Barium	135-1	149233	147610	147349	148064	0.69	cps
Barium	137-1	258054	258987	260564	259202	0.49	cps
Beryllium	9-1	356	339	317	337	5.79	cps
Bismuth	209-1	3742408	3714813	3675004	3710742	0.91	cps
Bismuth	209-2	1744804	1722709	1730472	1732662	0.65	cps
Boron	10-1	29313	30724	29621	29886	2.48	cps
Boron	11-1	138184	140239	140228	139550	0.85	cps
Cadmium	111-1	1037	948	791	925	13.47	cps
Cadmium	106-1	1417	1258	1067	1247	14.05	cps
Cadmium	108-1	13	0	8	7	91.66	cps
Calcium	43-1	600685	600068	595163	598639	0.51	cps
Calcium	44-1	8269806	8340399	8293187	8301131	0.43	cps
Chromium	52-2	397	397	433	409	5.18	cps
Cobalt	59-2	160	153	160	158	2.44	cps
Copper	63-2	14534	14991	14874	14800	1.60	cps
Dysprosium	156-1	83	75	67	75	11.11	cps
Dysprosium	156-2	23	50	23	32	47.79	cps
Erbium	164-1	0	50	42	31	87.67	cps
Erbium	164-2	17	7	23	16	53.90	cps
Gadolinium	160-1	92	92	117	100	14.43	cps
Gadolinium	160-2	53	37	70	53	31.25	cps
Holmium	165-1	5169551	5152493	5067053	5129699	1.07	cps
Holmium	165-2	2163413	2147398	2158164	2156325	0.38	cps
Indium	115-1	3126919	3098426	3069740	3098362	0.92	cps
Indium	115-2	461859	459404	459732	460332	0.29	cps
Iron	56-2	2510635	2496496	2508484	2505205	0.30	cps
Iron	57-2	62661	61685	60302	61549	1.93	cps
Lead	206-1	4184	4329	4279	4264	1.72	cps
Lead	207-1	3434	3534	3667	3545	3.30	cps
Lead	208-1	16177	16599	16755	16510	1.81	cps
Lithium	6-1	3084013	3067038	3023960	3058337	1.01	cps
Magnesium	24-2	838809	835646	833585	836013	0.31	cps
Manganese	55-2	74950	74156	74491	74532	0.53	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-06	Instrumnet Name :	P7
Client Sample ID :	SS038MW004-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:57:45	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1125	1267	1467	1286	13.35	cps
Molybdenum	95-1	1900	2092	1834	1942	6.91	cps
Molybdenum	96-1	1900	2084	2000	1995	4.60	cps
Molybdenum	97-1	1492	1200	1158	1283	14.15	cps
Molybdenum	98-1	3284	3217	3359	3287	2.16	cps
Neodymium	150-1	180	153	147	160	11.03	cps
Neodymium	150-2	37	17	40	31	40.56	cps
Nickel	60-2	513	563	513	530	5.45	cps
Phosphorus	31-2	292	192	167	217	30.53	cps
Potassium	39-2	67514	68258	66600	67457	1.23	cps
Rhodium	103-1	2383779	2384248	2337978	2368668	1.12	cps
Rhodium	103-2	1030840	1026073	1028116	1028343	0.23	cps
Scandium	45-1	1919800	1938891	1899915	1919536	1.02	cps
Scandium	45-2	69341	70102	70162	69868	0.65	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	7	4	6	6	33.38	cps
Selenium	82-1	-92	-45	-120	-86	-44.60	cps
Silicon	28-1	57548616	57457139	56798010	57267921	0.72	cps
Silver	109-1	683	750	625	686	9.12	cps
Silver	107-1	792	717	742	750	5.09	cps
Sodium	23-2	4334553	4338350	4338839	4337248	0.05	cps
Strontium	86-1	294378	297387	294583	295449	0.57	cps
Strontium	88-1	2624611	2620927	2625318	2623619	0.09	cps
Sulfur	34-1	379664	381261	378451	379792	0.37	cps
Terbium	159-1	5090166	5082665	5031960	5068264	0.62	cps
Terbium	159-2	2050708	2032855	2039678	2041080	0.44	cps
Thallium	203-1	33	42	17	31	41.66	cps
Thallium	205-1	150	67	142	119	38.42	cps
Tin	118-1	1675	2050	1792	1839	10.44	cps
Titanium	47-1	925	1058	842	942	11.61	cps
Uranium	238-1	42	58	83	61	34.32	cps
Vanadium	51-2	453	357	347	386	15.28	cps
Yttrium	89-1	2738758	2735125	2701642	2725175	0.75	cps
Yttrium	89-2	313078	310105	311498	311560	0.48	cps
Zinc	66-2	403	410	423	412	2.47	cps
Zirconium	90-1	575	458	533	522	11.32	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-06	Instrumnet Name :	P7
Client Sample ID :	SS038MW004-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:57:45	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	175	217	183	16.39	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-07	Instrumnet Name :	P7
Client Sample ID :	SS038MW103-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:01:17	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	58	83	69	18.33	cps
Antimony	121-1	3684	3642	3667	3665	0.57	cps
Arsenic	75-2	8868	8958	8573	8800	2.29	cps
Barium	135-1	146624	147811	145007	146480	0.96	cps
Barium	137-1	253356	255829	252955	254047	0.61	cps
Beryllium	9-1	278	344	261	294	14.98	cps
Bismuth	209-1	3721290	3699470	3657797	3692853	0.87	cps
Bismuth	209-2	1735059	1725408	1738228	1732899	0.39	cps
Boron	10-1	61651	62547	63509	62569	1.49	cps
Boron	11-1	277477	280236	285211	280975	1.39	cps
Cadmium	111-1	900	931	1002	945	5.52	cps
Cadmium	106-1	1192	1283	1367	1281	6.84	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Calcium	43-1	712320	710179	710304	710934	0.17	cps
Calcium	44-1	9752667	9784372	9753761	9763600	0.18	cps
Chromium	52-2	537	520	507	521	2.88	cps
Cobalt	59-2	177	173	213	188	11.82	cps
Copper	63-2	14057	14184	14627	14289	2.10	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	7	7	13	9	43.25	cps
Gadolinium	160-1	25	17	33	25	33.32	cps
Gadolinium	160-2	13	33	20	22	45.83	cps
Holmium	165-1	5129403	5123112	5057997	5103504	0.77	cps
Holmium	165-2	2158054	2146118	2169477	2157883	0.54	cps
Indium	115-1	3089864	3074007	3025239	3063037	1.10	cps
Indium	115-2	458735	456593	460803	458710	0.46	cps
Iron	56-2	1573486	1571221	1568003	1570903	0.18	cps
Iron	57-2	39420	39643	40434	39832	1.34	cps
Lead	206-1	3678	3473	3489	3547	3.22	cps
Lead	207-1	2884	3184	2884	2984	5.81	cps
Lead	208-1	13909	13598	13409	13638	1.85	cps
Lithium	6-1	2987251	2967524	2932314	2962363	0.94	cps
Magnesium	24-2	895859	908215	902853	902309	0.69	cps
Manganese	55-2	131252	133387	131726	132122	0.85	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-07	Instrumnet Name :	P7
Client Sample ID :	SS038MW103-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:01:17	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	467	517	433	472	8.88	cps
Molybdenum	95-1	558	767	533	619	20.68	cps
Molybdenum	96-1	592	550	442	528	14.67	cps
Molybdenum	97-1	367	333	417	372	11.27	cps
Molybdenum	98-1	808	942	917	889	7.97	cps
Neodymium	150-1	67	73	93	78	17.84	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	2944	3117	3094	3051	3.08	cps
Phosphorus	31-2	292	275	200	256	19.11	cps
Potassium	39-2	52794	52786	51240	52273	1.71	cps
Rhodium	103-1	2377525	2369978	2334392	2360631	0.98	cps
Rhodium	103-2	1021484	1016622	1027091	1021732	0.51	cps
Scandium	45-1	1929907	1911061	1889049	1910006	1.07	cps
Scandium	45-2	69465	68146	69763	69125	1.25	cps
Selenium	77-2	10	7	7	8	24.71	cps
Selenium	78-2	9	6	6	7	31.45	cps
Selenium	82-1	-105	-90	-29	-74	-54.31	cps
Silicon	28-1	60279899	59882295	59994464	60052219	0.34	cps
Silver	109-1	583	550	650	594	8.57	cps
Silver	107-1	833	708	642	728	13.37	cps
Sodium	23-2	5196037	5231915	5226312	5218088	0.37	cps
Strontium	86-1	222825	222321	225434	223527	0.75	cps
Strontium	88-1	2001466	1993432	1980617	1991838	0.53	cps
Sulfur	34-1	396931	394350	393450	394910	0.46	cps
Terbium	159-1	5084026	5060706	4999071	5047934	0.87	cps
Terbium	159-2	2044910	2032033	2054204	2043716	0.54	cps
Thallium	203-1	42	50	25	39	32.73	cps
Thallium	205-1	92	108	75	92	18.18	cps
Tin	118-1	1959	1809	1817	1861	4.53	cps
Titanium	47-1	917	908	1117	981	12.03	cps
Uranium	238-1	192	58	92	114	60.93	cps
Vanadium	51-2	780	703	713	732	5.69	cps
Yttrium	89-1	2719910	2722717	2686068	2709565	0.75	cps
Yttrium	89-2	310886	310671	312379	311312	0.30	cps
Zinc	66-2	430	290	353	358	19.59	cps
Zirconium	90-1	600	508	600	569	9.29	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-07	Instrumnet Name :	P7
Client Sample ID :	SS038MW103-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:01:17	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	300	200	300	267	21.65	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-08	Instrumnet Name :	P7
Client Sample ID :	SS038MW013-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:04:49	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1309	1233	1208	1250	4.16	cps
Antimony	121-1	3801	4159	4001	3987	4.51	cps
Arsenic	75-2	5799	5831	5633	5754	1.85	cps
Barium	135-1	165928	165297	164412	165212	0.46	cps
Barium	137-1	290232	291296	293268	291599	0.53	cps
Beryllium	9-1	256	361	289	302	17.88	cps
Bismuth	209-1	3688501	3675594	3648050	3670715	0.56	cps
Bismuth	209-2	1733971	1751916	1653151	1713013	3.07	cps
Boron	10-1	40764	40338	41107	40736	0.95	cps
Boron	11-1	179900	183628	186614	183380	1.83	cps
Cadmium	111-1	1197	932	935	1021	14.91	cps
Cadmium	106-1	1500	1192	1225	1306	12.96	cps
Cadmium	108-1	4	21	21	15	62.96	cps
Calcium	43-1	976093	980495	976124	977570	0.26	cps
Calcium	44-1	13275434	13319438	13248444	13281105	0.27	cps
Chromium	52-2	733	730	773	746	3.23	cps
Cobalt	59-2	233	267	183	228	18.41	cps
Copper	63-2	15852	16843	16593	16429	3.14	cps
Dysprosium	156-1	67	33	25	42	52.92	cps
Dysprosium	156-2	17	13	17	16	12.40	cps
Erbium	164-1	42	50	100	64	49.39	cps
Erbium	164-2	23	17	10	17	39.99	cps
Gadolinium	160-1	25	25	50	33	43.30	cps
Gadolinium	160-2	20	57	27	34	56.70	cps
Holmium	165-1	5090123	5078834	5095627	5088195	0.17	cps
Holmium	165-2	2157237	2199167	2082074	2146159	2.76	cps
Indium	115-1	3052229	3059769	3031489	3047829	0.48	cps
Indium	115-2	457506	464067	442874	454816	2.39	cps
Iron	56-2	3663391	3646541	3676701	3662211	0.41	cps
Iron	57-2	90209	89114	90282	89868	0.73	cps
Lead	206-1	3306	3100	3517	3308	6.30	cps
Lead	207-1	2828	2778	2767	2791	1.17	cps
Lead	208-1	12564	12191	12781	12512	2.38	cps
Lithium	6-1	2974443	2948476	2931533	2951484	0.73	cps
Magnesium	24-2	1096382	1096955	1090456	1094598	0.33	cps
Manganese	55-2	112650	114554	114021	113742	0.86	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-08	Instrumnet Name :	P7
Client Sample ID :	SS038MW013-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:04:49	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1058	1150	942	1050	9.94	cps
Molybdenum	95-1	1208	1333	1250	1264	5.04	cps
Molybdenum	96-1	1433	1483	1584	1500	5.09	cps
Molybdenum	97-1	1000	867	733	867	15.38	cps
Molybdenum	98-1	2509	2167	2392	2356	7.37	cps
Neodymium	150-1	93	113	87	98	14.19	cps
Neodymium	150-2	20	10	20	17	34.64	cps
Nickel	60-2	1740	1717	1757	1738	1.16	cps
Phosphorus	31-2	2875	3267	3075	3073	6.38	cps
Potassium	39-2	73281	72679	72897	72952	0.42	cps
Rhodium	103-1	2333193	2325577	2319755	2326175	0.29	cps
Rhodium	103-2	1021328	1035030	978067	1011475	2.94	cps
Scandium	45-1	1904812	1899911	1882088	1895604	0.63	cps
Scandium	45-2	70230	70416	65967	68871	3.65	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	6	6	7	6	17.29	cps
Selenium	82-1	-44	-5	-108	-52	-99.35	cps
Silicon	28-1	60079318	59376749	58788912	59414993	1.09	cps
Silver	109-1	675	625	583	628	7.31	cps
Silver	107-1	867	675	750	764	12.64	cps
Sodium	23-2	6221523	6226266	6249405	6232398	0.24	cps
Strontium	86-1	393843	393048	393069	393320	0.12	cps
Strontium	88-1	3500434	3521264	3500982	3507560	0.34	cps
Sulfur	34-1	444107	438461	434062	438876	1.15	cps
Terbium	159-1	5020796	5036149	5053606	5036850	0.33	cps
Terbium	159-2	2046409	2084544	1983827	2038260	2.49	cps
Thallium	203-1	67	42	58	56	22.91	cps
Thallium	205-1	108	133	108	117	12.37	cps
Tin	118-1	2017	2042	1992	2017	1.24	cps
Titanium	47-1	2342	2434	1984	2253	10.56	cps
Uranium	238-1	183	225	200	203	10.34	cps
Vanadium	51-2	847	913	843	868	4.55	cps
Yttrium	89-1	2690422	2702485	2687386	2693431	0.30	cps
Yttrium	89-2	312623	316688	301539	310284	2.53	cps
Zinc	66-2	397	543	450	463	16.02	cps
Zirconium	90-1	834	750	608	731	15.58	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-08	Instrumnet Name :	P7
Client Sample ID :	SS038MW013-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:04:49	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	300	300	258	286	8.41	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-09	Instrumnet Name :	P7
Client Sample ID :	DUP-0436-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:08:22	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	192	117	178	31.21	cps
Antimony	121-1	4459	4409	4476	4448	0.78	cps
Arsenic	75-2	1287	1239	1261	1262	1.91	cps
Barium	135-1	269719	266660	267747	268042	0.58	cps
Barium	137-1	476777	469913	471537	472743	0.76	cps
Beryllium	9-1	261	383	267	304	22.73	cps
Bismuth	209-1	3695413	3670561	3654984	3673653	0.56	cps
Bismuth	209-2	1704134	1715516	1724644	1714765	0.60	cps
Boron	10-1	24137	24654	23878	24223	1.63	cps
Boron	11-1	109804	110803	112618	111075	1.28	cps
Cadmium	111-1	914	930	859	901	4.12	cps
Cadmium	106-1	1250	1250	1158	1220	4.34	cps
Cadmium	108-1	4	17	8	10	65.47	cps
Calcium	43-1	607611	613198	610992	610600	0.46	cps
Calcium	44-1	8466173	8468785	8418703	8451220	0.33	cps
Chromium	52-2	637	623	760	673	11.19	cps
Cobalt	59-2	2657	2684	2574	2638	2.18	cps
Copper	63-2	15832	16116	16363	16103	1.65	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	10	17	7	11	45.82	cps
Erbium	164-1	25	67	33	42	52.91	cps
Erbium	164-2	17	13	10	13	25.01	cps
Gadolinium	160-1	50	25	17	31	56.77	cps
Gadolinium	160-2	27	27	17	23	24.74	cps
Holmium	165-1	5046211	5060655	5063825	5056897	0.19	cps
Holmium	165-2	2116492	2136412	2153158	2135354	0.86	cps
Indium	115-1	3038000	3025412	3024347	3029253	0.25	cps
Indium	115-2	449546	450165	452673	450795	0.37	cps
Iron	56-2	168708	170763	170045	169839	0.61	cps
Iron	57-2	4790	5062	4984	4945	2.84	cps
Lead	206-1	1456	1356	1400	1404	3.57	cps
Lead	207-1	1117	1111	1278	1169	8.10	cps
Lead	208-1	5317	5306	5556	5393	2.62	cps
Lithium	6-1	2933814	2913342	2895561	2914239	0.66	cps
Magnesium	24-2	823040	833382	828060	828161	0.62	cps
Manganese	55-2	559575	562988	564813	562459	0.47	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-09	Instrumnet Name :	P7
Client Sample ID :	DUP-0436-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:08:22	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1625	1834	1717	1725	6.05	cps
Molybdenum	95-1	2759	2892	3000	2884	4.20	cps
Molybdenum	96-1	3276	3050	3234	3187	3.76	cps
Molybdenum	97-1	1875	1759	1900	1845	4.10	cps
Molybdenum	98-1	4493	4918	4793	4734	4.62	cps
Neodymium	150-1	87	107	113	102	13.58	cps
Neodymium	150-2	10	7	13	10	33.30	cps
Nickel	60-2	1690	1633	1847	1723	6.41	cps
Phosphorus	31-2	158	242	242	214	22.49	cps
Potassium	39-2	87775	87710	89545	88343	1.18	cps
Rhodium	103-1	2353491	2327852	2337783	2339709	0.55	cps
Rhodium	103-2	1011344	1007809	1019702	1012952	0.60	cps
Scandium	45-1	1864674	1869451	1878013	1870713	0.36	cps
Scandium	45-2	67580	68370	68946	68299	1.00	cps
Selenium	77-2	0	17	13	10	88.20	cps
Selenium	78-2	7	9	6	7	24.97	cps
Selenium	82-1	-59	-60	-94	-71	-28.13	cps
Silicon	28-1	58467683	58336568	57593920	58132724	0.81	cps
Silver	109-1	483	617	550	550	12.12	cps
Silver	107-1	625	700	658	661	5.68	cps
Sodium	23-2	5935139	5962801	5971720	5956553	0.32	cps
Strontium	86-1	349731	345491	345408	346877	0.71	cps
Strontium	88-1	3089827	3086897	3061254	3079326	0.51	cps
Sulfur	34-1	378931	373609	370933	374491	1.09	cps
Terbium	159-1	5009432	5015802	5005263	5010166	0.11	cps
Terbium	159-2	2013050	2023940	2037232	2024741	0.60	cps
Thallium	203-1	75	50	100	75	33.33	cps
Thallium	205-1	167	133	83	128	32.83	cps
Tin	118-1	1692	1817	1608	1706	6.15	cps
Titanium	47-1	742	800	925	822	11.39	cps
Uranium	238-1	1684	1825	1692	1734	4.59	cps
Vanadium	51-2	657	663	713	678	4.57	cps
Yttrium	89-1	2694304	2686060	2678631	2686332	0.29	cps
Yttrium	89-2	304232	307162	310142	307179	0.96	cps
Zinc	66-2	783	773	737	764	3.21	cps
Zirconium	90-1	417	500	483	467	9.45	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	J1058-09	Instrumnet Name :	P7
Client Sample ID :	DUP-0436-180104	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:08:22	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	233	167	183	194	17.84	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P7
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:20:22	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1551943	1549051	1528822	1543272	0.82	cps
Antimony	121-1	1227761	1225556	1220884	1224734	0.29	cps
Arsenic	75-2	27953	27439	27478	27623	1.04	cps
Barium	135-1	1540626	1531772	1515417	1529272	0.84	cps
Barium	137-1	2703153	2696534	2673897	2691194	0.57	cps
Beryllium	9-1	602333	599183	595749	599088	0.55	cps
Bismuth	209-1	3744924	3710677	3711355	3722319	0.53	cps
Bismuth	209-2	1784114	1785216	1774834	1781388	0.32	cps
Boron	10-1	69368	68674	69962	69335	0.93	cps
Boron	11-1	300328	303961	308784	304358	1.39	cps
Cadmium	111-1	265682	269465	263809	266319	1.08	cps
Cadmium	106-1	33081	33950	32806	33279	1.79	cps
Cadmium	108-1	21550	20832	21442	21275	1.82	cps
Calcium	43-1	1908713	1897568	1886096	1897459	0.60	cps
Calcium	44-1	25342514	25270815	25137397	25250242	0.41	cps
Chromium	52-2	306542	304024	300514	303693	1.00	cps
Cobalt	59-2	462791	460233	456390	459805	0.70	cps
Copper	63-2	640785	633832	623669	632762	1.36	cps
Dysprosium	156-1	33	33	75	47	50.95	cps
Dysprosium	156-2	17	23	17	19	20.36	cps
Erbium	164-1	25	8	67	33	90.15	cps
Erbium	164-2	17	20	20	19	10.18	cps
Gadolinium	160-1	42	67	67	58	24.74	cps
Gadolinium	160-2	37	30	30	32	11.95	cps
Holmium	165-1	5446015	5425654	5426657	5432775	0.21	cps
Holmium	165-2	2349518	2351953	2362264	2354578	0.29	cps
Indium	115-1	3142232	3103681	3128832	3124915	0.63	cps
Indium	115-2	489683	489115	487975	488924	0.18	cps
Iron	56-2	61384878	60452453	60023312	60620214	1.15	cps
Iron	57-2	1490838	1464860	1451052	1468916	1.38	cps
Lead	206-1	1396393	1387642	1378712	1387582	0.64	cps
Lead	207-1	1231018	1218943	1216552	1222171	0.63	cps
Lead	208-1	5596923	5558232	5522376	5559177	0.67	cps
Lithium	6-1	2718011	2710299	2710452	2712921	0.16	cps
Magnesium	24-2	20155042	20009808	19825178	19996676	0.83	cps
Manganese	55-2	334561	330835	327982	331126	1.00	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P7
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:20:22	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2120235	2100659	2096578	2105824	0.60	cps
Molybdenum	95-1	2597438	2571939	2572465	2580614	0.56	cps
Molybdenum	96-1	2893929	2869301	2849527	2870919	0.77	cps
Molybdenum	97-1	1608143	1596888	1602189	1602407	0.35	cps
Molybdenum	98-1	4229943	4207235	4197361	4211513	0.40	cps
Neodymium	150-1	193	220	193	202	7.61	cps
Neodymium	150-2	3	23	30	19	73.49	cps
Nickel	60-2	117469	116330	117224	117008	0.51	cps
Phosphorus	31-2	13298	13690	13824	13604	2.01	cps
Potassium	39-2	6264688	6217604	6178973	6220421	0.69	cps
Rhodium	103-1	2527668	2501290	2521698	2516885	0.55	cps
Rhodium	103-2	1121415	1108935	1116270	1115540	0.56	cps
Scandium	45-1	2212741	2192717	2205118	2203525	0.46	cps
Scandium	45-2	84405	84378	85072	84619	0.46	cps
Selenium	77-2	563	563	577	568	1.36	cps
Selenium	78-2	1802	1780	1828	1803	1.34	cps
Selenium	82-1	15046	15208	14970	15075	0.81	cps
Silicon	28-1	49950073	49713364	50152483	49938640	0.44	cps
Silver	109-1	1199627	1193256	1191291	1194725	0.36	cps
Silver	107-1	1245865	1235120	1228581	1236522	0.71	cps
Sodium	23-2	38597212	38501629	38072180	38390340	0.73	cps
Strontium	86-1	350562	345503	342245	346103	1.21	cps
Strontium	88-1	3088591	3062842	3056069	3069167	0.56	cps
Sulfur	34-1	553217	556363	553866	554482	0.30	cps
Terbium	159-1	5420568	5360937	5383371	5388292	0.56	cps
Terbium	159-2	2246400	2232444	2243276	2240707	0.33	cps
Thallium	203-1	1699579	1695018	1695863	1696820	0.14	cps
Thallium	205-1	4152669	4115673	4117149	4128497	0.51	cps
Tin	118-1	963297	964561	948809	958889	0.91	cps
Titanium	47-1	855023	854226	843077	850775	0.79	cps
Uranium	238-1	6391169	6365555	6323126	6359950	0.54	cps
Vanadium	51-2	256098	253016	252904	254006	0.71	cps
Yttrium	89-1	3030870	3015521	3022662	3023017	0.25	cps
Yttrium	89-2	362683	362788	359278	361583	0.55	cps
Zinc	66-2	87467	86464	85887	86606	0.92	cps
Zirconium	90-1	1768613	1774693	1765173	1769493	0.27	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P7
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:20:22	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	395577	392420	391544	393180	0.54	cps

LB Number : LB92554 Operator : Jaswal
 Lab Sample ID : CCB91 Instrumnet Name : P7
 Client Sample ID : CCB91 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 15:32:39 DataFile Name : 039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	25	33	31	15.75	cps
Antimony	121-1	575	642	558	592	7.45	cps
Arsenic	75-2	4	4	4	4	0.00	cps
Barium	135-1	42	83	50	58	37.80	cps
Barium	137-1	83	108	117	103	16.88	cps
Beryllium	9-1	367	389	328	361	8.57	cps
Bismuth	209-1	3895451	4006479	3916160	3939363	1.50	cps
Bismuth	209-2	1928308	1987294	1971762	1962454	1.56	cps
Boron	10-1	933	1008	883	942	6.68	cps
Boron	11-1	4142	3901	4142	4062	3.44	cps
Cadmium	111-1	1074	1013	1149	1079	6.31	cps
Cadmium	106-1	1508	1433	1634	1525	6.63	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	83	133	117	111	22.91	cps
Calcium	44-1	283799	284099	286696	284865	0.56	cps
Chromium	52-2	100	80	100	93	12.37	cps
Cobalt	59-2	73	67	70	70	4.76	cps
Copper	63-2	1610	1747	1720	1692	4.28	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	25	17	8	17	50.01	cps
Erbium	164-2	10	17	3	10	66.70	cps
Gadolinium	160-1	8	17	17	14	34.67	cps
Gadolinium	160-2	27	13	13	18	43.33	cps
Holmium	165-1	5345324	5452816	5371233	5389791	1.04	cps
Holmium	165-2	2379170	2428441	2427875	2411829	1.17	cps
Indium	115-1	3267084	3318953	3283231	3289756	0.81	cps
Indium	115-2	525926	531204	531144	529425	0.57	cps
Iron	56-2	4818	4406	4551	4592	4.54	cps
Iron	57-2	178	94	94	122	39.36	cps
Lead	206-1	928	1017	900	948	6.43	cps
Lead	207-1	711	917	778	802	13.08	cps
Lead	208-1	3467	3934	3567	3656	6.72	cps
Lithium	6-1	2828636	2884588	2855150	2856125	0.98	cps
Magnesium	24-2	1267	842	1092	1067	20.03	cps
Manganese	55-2	73	103	83	87	17.63	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P7
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:32:39	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	175	300	292	256	27.35	cps
Molybdenum	95-1	208	183	167	186	11.27	cps
Molybdenum	96-1	233	208	217	219	5.80	cps
Molybdenum	97-1	133	100	133	122	15.75	cps
Molybdenum	98-1	292	225	283	267	13.62	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	440	413	533	462	13.63	cps
Phosphorus	31-2	133	208	258	200	31.46	cps
Potassium	39-2	16134	15342	15709	15728	2.52	cps
Rhodium	103-1	2722440	2781073	2727398	2743637	1.19	cps
Rhodium	103-2	1230364	1253044	1254531	1245979	1.09	cps
Scandium	45-1	2215930	2272364	2246519	2244937	1.26	cps
Scandium	45-2	85193	87320	88328	86947	1.84	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	7	17	10	50.93	cps
Selenium	82-1	-36	-14	-34	-28	-43.12	cps
Silicon	28-1	50455514	49979441	49898499	50111151	0.60	cps
Silver	109-1	58	100	75	78	26.96	cps
Silver	107-1	75	83	150	103	40.00	cps
Sodium	23-2	18587	19889	18479	18985	4.13	cps
Strontium	86-1	92	158	183	144	32.81	cps
Strontium	88-1	167	200	167	178	10.83	cps
Sulfur	34-1	431010	427796	427536	428781	0.45	cps
Terbium	159-1	5331680	5443437	5341217	5372111	1.15	cps
Terbium	159-2	2261057	2307351	2302324	2290244	1.11	cps
Thallium	203-1	167	150	183	167	10.00	cps
Thallium	205-1	350	525	492	456	20.40	cps
Tin	118-1	408	500	383	431	14.27	cps
Titanium	47-1	267	217	225	236	11.35	cps
Uranium	238-1	42	58	83	61	34.32	cps
Vanadium	51-2	20	27	27	24	15.75	cps
Yttrium	89-1	3048182	3108458	3063249	3073296	1.02	cps
Yttrium	89-2	371222	383742	380225	378396	1.71	cps
Zinc	66-2	60	40	60	53	21.65	cps
Zirconium	90-1	442	300	417	386	19.58	cps

LB Number :	LB92554	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P7
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:32:39	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	125	108	100	30.05	cps