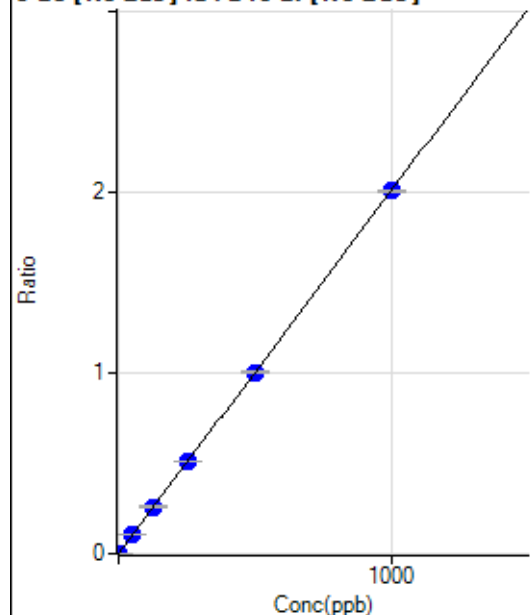


Batch Folder: D:\P8030519MS.b\
Analysis File: P8030519MS.batch.bin
DA Date-Time: 2019-03-05 13:39:49
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-03-05 11:40:40
2			
3	005CALS.d	S02	2019-03-05 11:48:16
4	006CALS.d	S03	2019-03-05 11:52:13
5	007CALS.d	S04	2019-03-05 11:56:10
6	008CALS.d	S05	2019-03-05 12:00:03
7	009CALS.d	S06	2019-03-05 12:03:51
8	010CALS.d	S07	2019-03-05 12:07:34
9	011CALS.d	S08	2019-03-05 12:11:08

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.44	0.0001	P	56.0
2	☐	0.100					
3	☐	1.000	0.985	857.82	0.0021	P	5.8
4	☐	50.000	51.722	44475.49	0.1041	P	0.7
5	☐	125.000	129.407	114055.22	0.2604	P	1.2
6	☐	250.000	254.010	233960.51	0.5110	P	0.7
7	☐	500.000	499.787	468953.03	1.0052	P	1.4
8	☐	1000.000	998.467	913522.33	2.0082	P	0.2
9	☐			247.78	0.0005	P	14.5

$$y = 0.0020 * x + 1.0620E-004$$

$$R = 1.0000$$

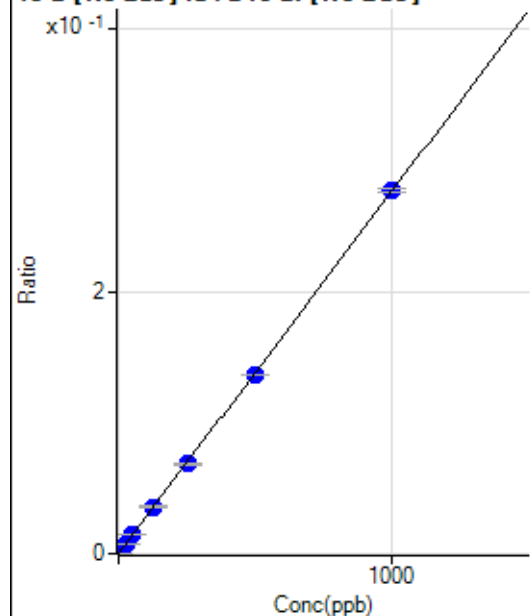
$$DL = 0.08874$$

$$BEC = 0.05281$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0001	P	51.5
2	☐	2.500					
3	☐	25.000	25.319	2930.98	0.0071	P	8.1
4	☐	50.000	51.568	6143.22	0.0144	P	1.9
5	☐	125.000	128.755	15634.10	0.0357	P	2.7
6	☐	250.000	248.635	31496.60	0.0688	P	2.1
7	☐	500.000	494.956	63809.51	0.1368	P	0.1
8	☐	1000.000	1002.308	125926.57	0.2768	P	1.1
9	☐			2519.77	0.0055	P	8.4

$$y = 2.7604E-004 * x + 1.4601E-004$$

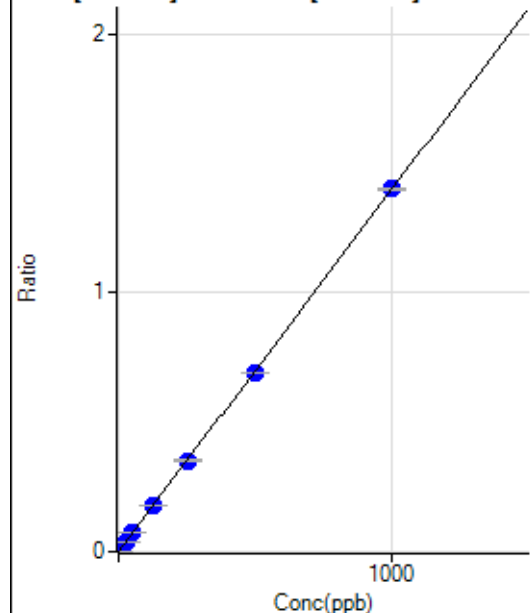
$$R = 1.0000$$

$$DL = 0.8164$$

$$BEC = 0.5289$$

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	322.24	0.0008	P	29.8
2	☐	2.500					
3	☐	25.000	24.318	14279.93	0.0348	P	4.3
4	☐	50.000	50.887	30711.59	0.0719	P	1.1
5	☐	125.000	127.379	78333.72	0.1788	P	1.4
6	☐	250.000	250.755	160863.22	0.3513	P	1.6
7	☐	500.000	494.478	322801.64	0.6919	P	0.5
8	☐	1000.000	1002.248	637634.77	1.4017	P	0.6
9	☐			12366.92	0.0270	P	8.3

$$y = 0.0014 * x + 7.7063E-004$$

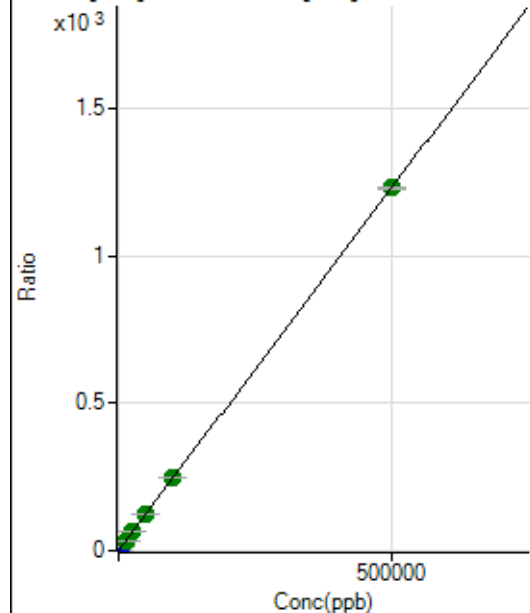
$$R = 1.0000$$

$$DL = 0.4929$$

$$BEC = 0.5513$$

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	11274.34	0.2802	P	3.8
2	☐	50.000					
3	☐	500.000	470.674	57717.91	1.4386	P	2.4
4	☐	5000.000	5090.039	517438.64	12.8074	P	1.6
5	☐	12500.000	13215.233	1325249.29	32.8046	A	1.1
6	☐	25000.000	25880.566	2623696.24	63.9756	A	1.0
7	☐	50000.000	49652.930	5052814.00	122.4824	A	0.9
8	☐	100000.00	99572.925	10018670.88	245.3419	A	0.3
9	☐	500000.00	500057.34	49938291.05	1,230.985	A	0.6

$$y = 0.0025 * x + 0.2802$$

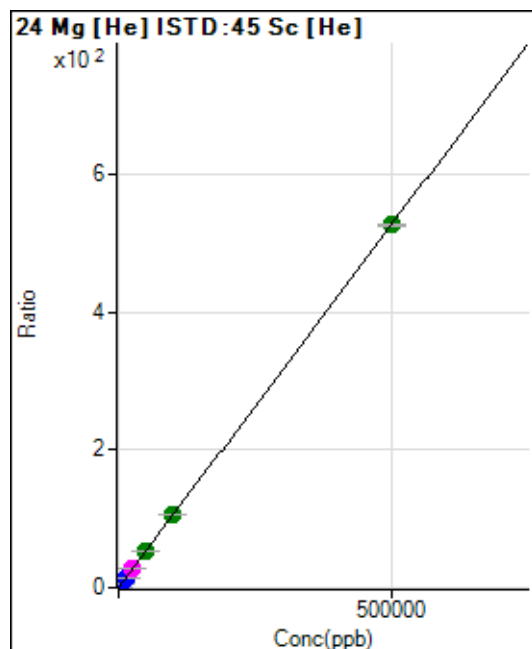
$$R = 1.0000$$

$$DL = 12.82$$

$$BEC = 113.8$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	522.25	0.0130	P	10.1
2	☐	50.000					
3	☐	500.000	496.971	21533.88	0.5367	P	1.2
4	☐	5000.000	5188.844	221452.14	5.4810	P	0.9
5	☐	12500.000	13012.891	554360.43	13.7259	P	2.5
6	☐	25000.000	25920.628	1120784.92	27.3280	M	0.2
7	☐	50000.000	50594.455	2199965.42	53.3291	A	1.4
8	☐	100000.00	100361.52	4319196.45	105.7733	A	0.3
9	☐	500000.00	499807.51	21367105.51	526.7071	A	0.5

$$y = 0.0011 * x + 0.0130$$

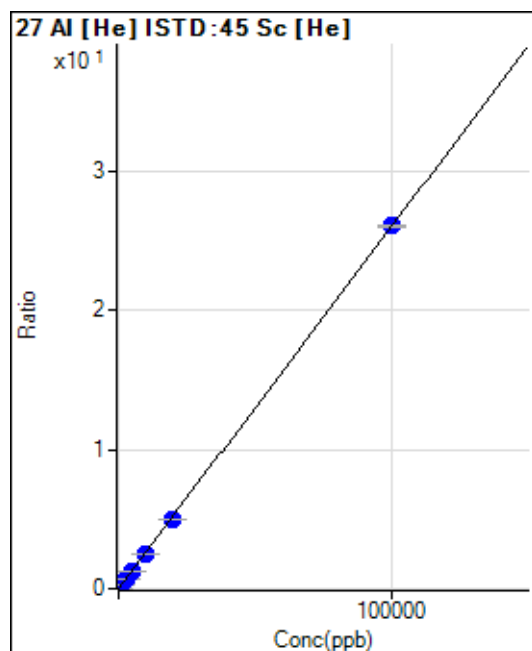
$$R = 1.0000$$

$$DL = 3.717$$

$$BEC = 12.32$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	70.85	0.0018	P	52.1
2	☐	2.000					
3	☐	20.000	16.936	247.57	0.0062	P	15.7
4	☐	1000.000	976.029	10333.93	0.2558	P	0.6
5	☐	2500.000	2480.611	26149.75	0.6473	P	1.4
6	☐	5000.000	4869.868	52045.90	1.2690	P	1.2
7	☐	10000.000	9577.023	102883.33	2.4940	P	1.2
8	☐	20000.000	19242.283	204555.39	5.0092	P	0.7
9	☐	100000.00	100201.07	1057879.56	26.0770	P	0.3

$$y = 2.6023E-004 * x + 0.0018$$

$$R = 1.0000$$

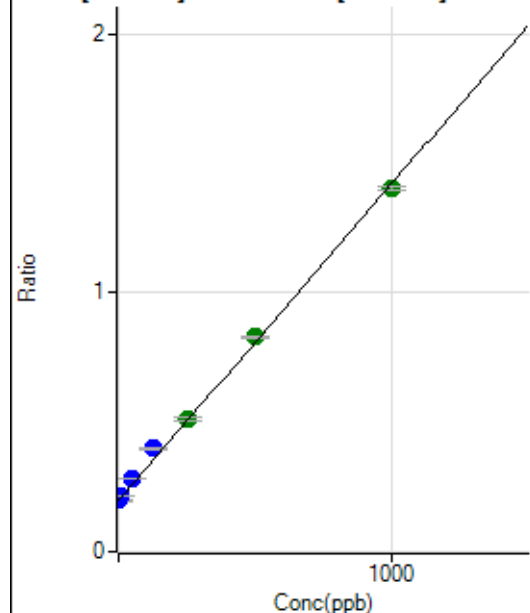
$$DL = 10.62$$

$$BEC = 6.792$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	468011.98	0.1973	P	0.9
2	☐	1.000					
3	☐	10.000	14.239	498343.44	0.2147	P	0.7
4	☐	50.000	68.048	661692.94	0.2805	P	0.3
5	☐	125.000	164.483	950998.62	0.3985	P	1.3
6	☐	250.000	259.352	1243608.08	0.5145	A	2.4
7	☐	500.000	515.821	2010772.33	0.8281	A	0.3
8	☐	1000.000	983.871	3365226.81	1.4005	A	0.9
9	☐			640223.55	0.2676	P	1.7

$$y = 0.0012 * x + 0.1973$$

$$R = 0.9991$$

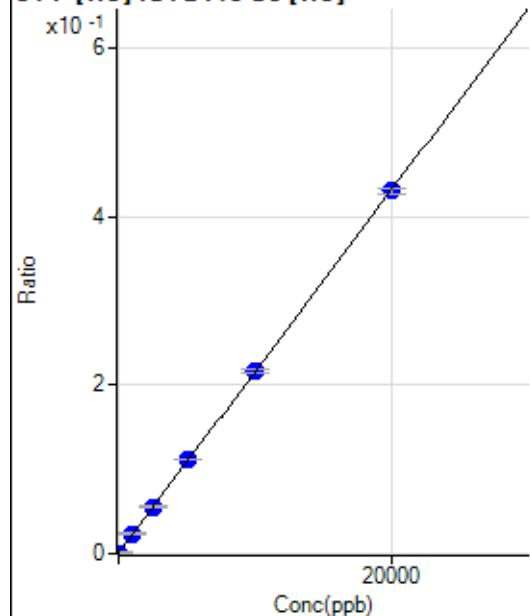
$$DL = 4.164$$

$$BEC = 161.4$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-9.744	19.44	0.0005	P	48.7
2	☐	0.000					
3	☐	0.000	9.744	36.11	0.0009	P	57.9
4	☐	1000.000	1031.956	925.07	0.0229	P	10.7
5	☐	2500.000	2543.016	2239.16	0.0554	P	4.4
6	☐	5000.000	5148.175	4573.17	0.1115	P	1.0
7	☐	10000.000	10009.968	8917.07	0.2162	P	2.2
8	☐	20000.000	19950.997	17567.14	0.4302	P	1.9
9	☐			11.11	0.0003	P	43.5

$$y = 2.1526E-005 * x + 6.9066E-004$$

$$R = 1.0000$$

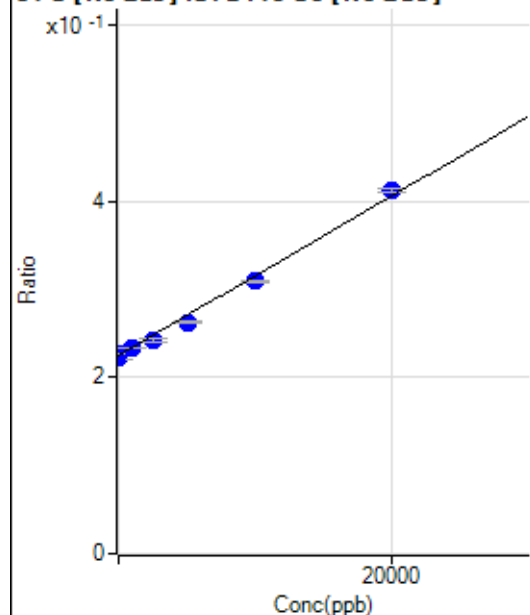
$$DL = 52.69$$

$$BEC = 32.09$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-305.002	528139.22	0.2227	P	1.2
2	☐	0.000					
3	☐	0.000	305.002	529603.65	0.2282	P	0.1
4	☐	1000.000	971.568	552478.22	0.2342	P	0.5
5	☐	2500.000	1908.789	579261.13	0.2427	P	1.6
6	☐	5000.000	4161.722	636054.02	0.2631	P	1.3
7	☐	10000.000	9297.336	751702.13	0.3096	P	0.7
8	☐	20000.000	20636.224	990474.63	0.4122	P	1.0
9	☐			500102.87	0.2090	P	2.6

$$y = 9.0500\text{E-}006 * x + 0.2254$$

$$R = 0.9977$$

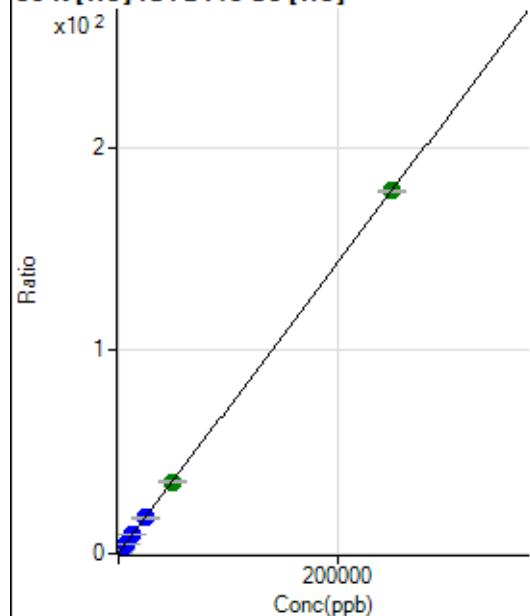
$$DL = 468.7$$

$$BEC = 2.491\text{E+}04$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7143.80	0.1776	P	5.2
2	☐	50.000					
3	☐	500.000	470.112	20579.75	0.5129	P	2.6
4	☐	2500.000	2518.110	79742.46	1.9736	P	0.7
5	☐	6250.000	6306.677	188884.84	4.6757	P	1.2
6	☐	12500.000	12533.583	373905.22	9.1169	P	0.5
7	☐	25000.000	24369.275	724329.33	17.5585	P	1.2
8	☐	50000.000	49518.221	1449441.97	35.4954	A	0.3
9	☐	250000.00	250156.21	7245139.05	178.5959	A	0.5

$$y = 7.1323\text{E-}004 * x + 0.1776$$

$$R = 1.0000$$

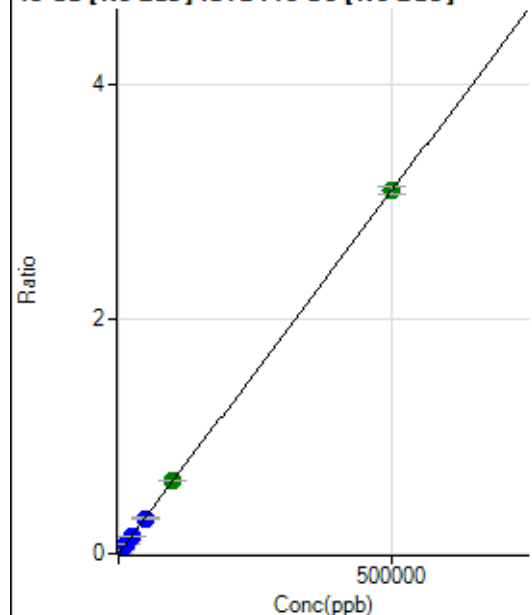
$$DL = 39.01$$

$$BEC = 249$$

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	376.68	0.0002	P	7.1
2	☐	50.000					
3	☐	500.000	462.328	7007.42	0.0030	P	1.0
4	☐	5000.000	4973.224	72956.86	0.0309	P	0.1
5	☐	12500.000	12312.777	182219.78	0.0763	P	0.8
6	☐	25000.000	24784.367	371117.29	0.1535	P	1.6
7	☐	50000.000	48854.400	734397.00	0.3025	P	1.2
8	☐	100000.00	100301.38	1491702.79	0.6208	A	1.2
9	☐	500000.00	500070.05	7403542.46	3.0945	A	2.0

$$y = 6.1877\text{E-}006 * x + 1.5877\text{E-}004$$

$$R = 1.0000$$

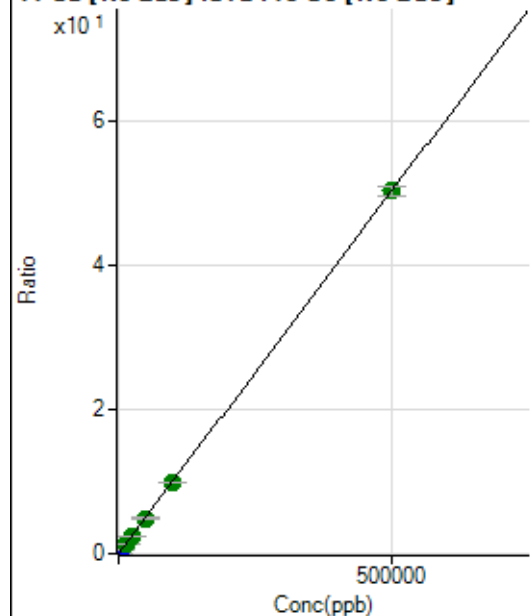
$$DL = 5.481$$

$$BEC = 25.66$$

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	38668.77	0.0163	P	1.0
2	☐	50.000					
3	☐	500.000	463.118	145604.89	0.0627	P	0.6
4	☐	5000.000	4975.251	1215059.06	0.5152	P	0.2
5	☐	12500.000	12406.240	3007579.75	1.2602	A	1.6
6	☐	25000.000	24753.155	6038992.34	2.4982	A	1.9
7	☐	50000.000	48765.430	11911840.10	4.9058	A	1.1
8	☐	100000.00	98163.752	23690495.76	9.8588	A	0.2
9	☐	500000.00	500505.67	120097129.3	50.2003	A	2.4

$$y = 1.0027\text{E-}004 * x + 0.0163$$

$$R = 1.0000$$

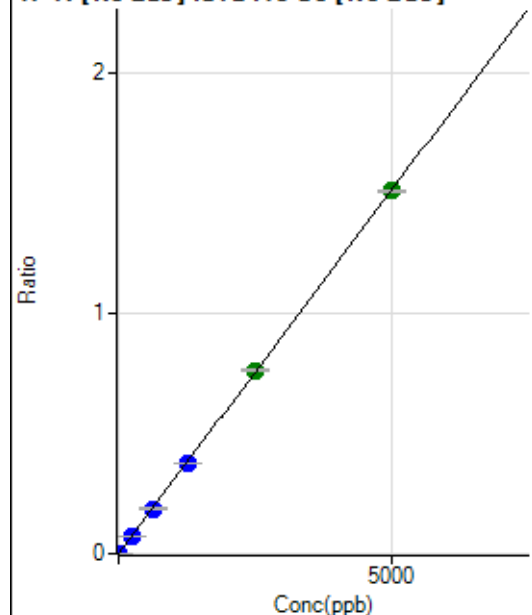
$$DL = 4.885$$

$$BEC = 162.6$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	186.12	0.0001	P	19.7
2	☐	0.500					
3	☐	5.000	4.726	3503.39	0.0015	P	9.2
4	☐	250.000	249.784	178643.51	0.0757	P	1.0
5	☐	625.000	619.243	447871.14	0.1877	P	1.1
6	☐	1250.000	1245.677	912389.00	0.3774	P	1.1
7	☐	2500.000	2520.477	1854010.20	0.7636	A	0.7
8	☐	5000.000	4991.573	3633499.56	1.5121	A	0.4
9	☐			727.83	0.0003	P	11.9

$$y = 3.0291\text{E-}004 * x + 7.8568\text{E-}005$$

$$R = 1.0000$$

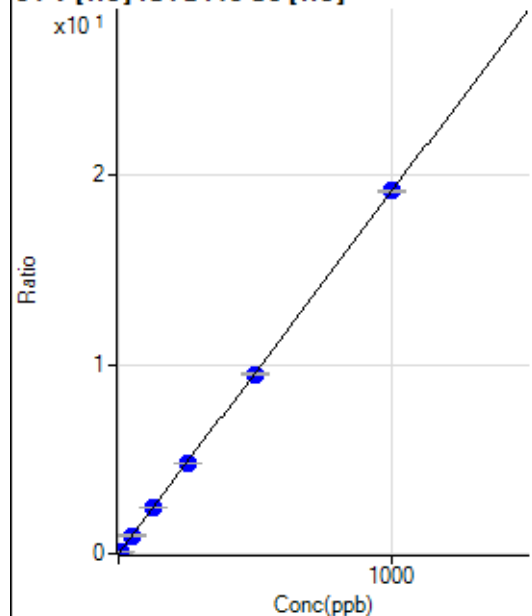
$$DL = 0.1529$$

$$BEC = 0.2594$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.00	0.0007	P	2.4
2	☐	0.500					
3	☐	5.000	4.883	3782.80	0.0943	P	1.1
4	☐	50.000	50.387	39020.05	0.9658	P	1.4
5	☐	125.000	126.803	98126.30	2.4294	P	2.1
6	☐	250.000	250.843	197069.91	4.8051	P	0.3
7	☐	500.000	495.759	391743.68	9.4960	P	0.7
8	☐	1000.000	1001.666	783431.08	19.1856	P	0.3
9	☐			120.01	0.0030	P	12.9

$$y = 0.0192 * x + 7.4567\text{E-}004$$

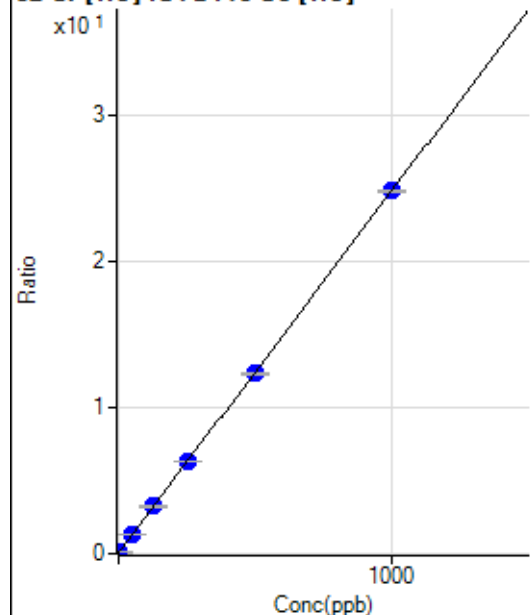
$$R = 1.0000$$

$$DL = 0.002797$$

$$BEC = 0.03893$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1960.17	0.0487	P	5.5
2	☐	0.200					
3	☐	2.000	2.044	3989.53	0.0994	P	2.7
4	☐	50.000	51.350	53394.84	1.3216	P	1.5
5	☐	125.000	128.261	130379.79	3.2280	P	2.2
6	☐	250.000	253.666	259871.30	6.3365	P	0.4
7	☐	500.000	496.229	509435.76	12.3491	P	1.1
8	☐	1000.000	1000.494	1014672.29	24.8486	P	0.7
9	☐			8619.47	0.2125	P	1.8

$$y = 0.0248 * x + 0.0487$$

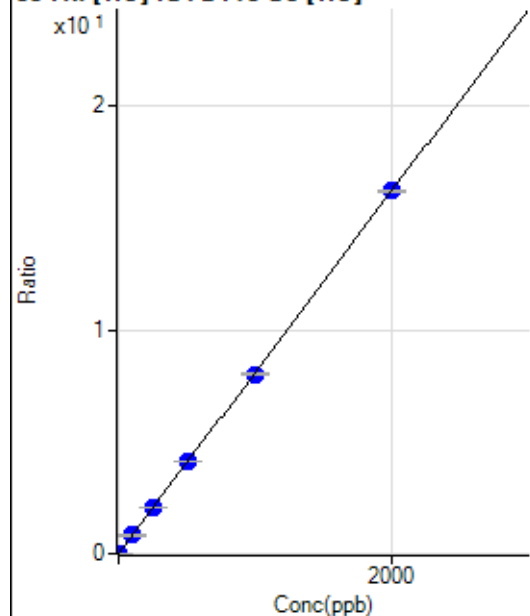
$$R = 1.0000$$

$$DL = 0.3266$$

$$BEC = 1.966$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	98.89	0.0025	P	16.0
2	☐	0.100					
3	☐	1.000	1.038	435.57	0.0109	P	6.7
4	☐	100.000	101.834	33408.96	0.8270	P	2.7
5	☐	250.000	254.795	83428.23	2.0655	P	2.2
6	☐	500.000	512.377	170245.75	4.1512	P	0.7
7	☐	1000.000	989.232	330539.74	8.0123	P	0.6
8	☐	2000.000	2001.599	661910.88	16.2095	P	0.6
9	☐			2398.03	0.0591	P	4.2

$$y = 0.0081 * x + 0.0025$$

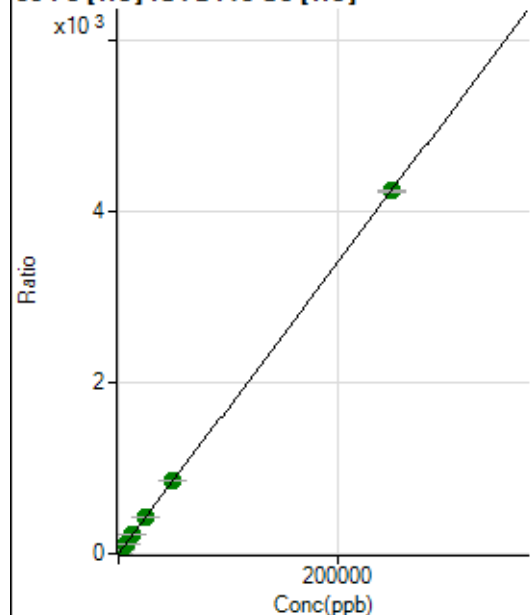
$$R = 1.0000$$

$$DL = 0.1451$$

$$BEC = 0.3027$$

Weight: <None>

Min Conc: 0

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

$$y = 0.0170 * x + 0.1220$$

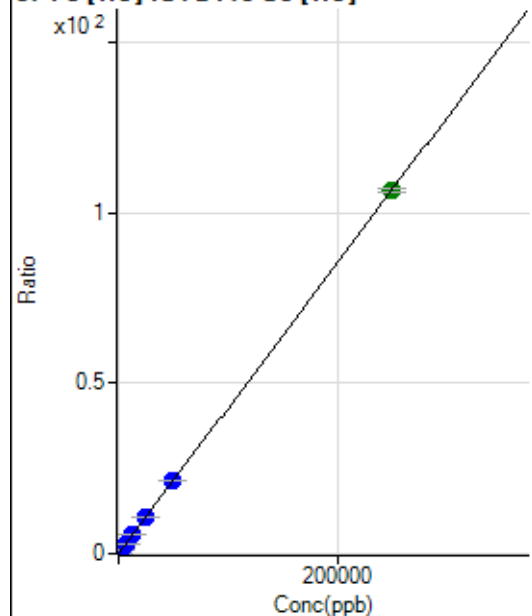
$$R = 1.0000$$

$$DL = 2.231$$

$$BEC = 7.195$$

Weight: <None>

Min Conc: 0

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

$$y = 4.2581E-004 * x + 0.0036$$

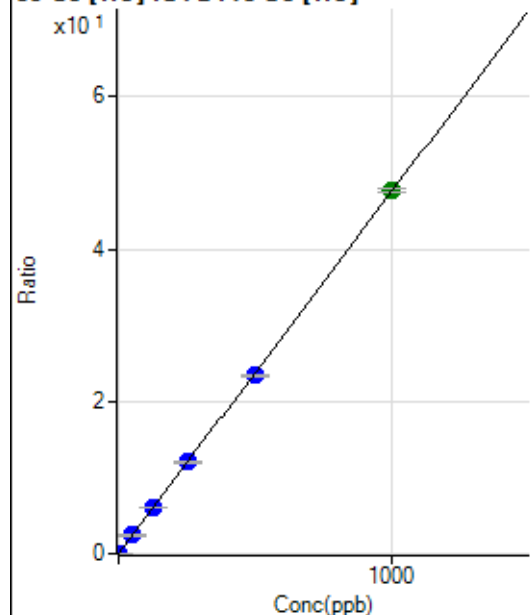
$$R = 1.0000$$

$$DL = 5.247$$

$$BEC = 8.401$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	104.45	0.0026	P	8.6
2	☐	0.100					
3	☐	1.000	0.924	1863.49	0.0465	P	6.4
4	☐	50.000	50.509	96987.91	2.4007	P	2.0
5	☐	125.000	127.412	244451.82	6.0520	P	1.9
6	☐	250.000	252.559	491883.21	11.9938	P	0.5
7	☐	500.000	492.254	964239.89	23.3742	P	1.3
8	☐	1000.000	1002.906	1944497.18	47.6194	A	1.0
9	☐			21854.07	0.5387	P	1.2

$$y = 0.0475 * x + 0.0026$$

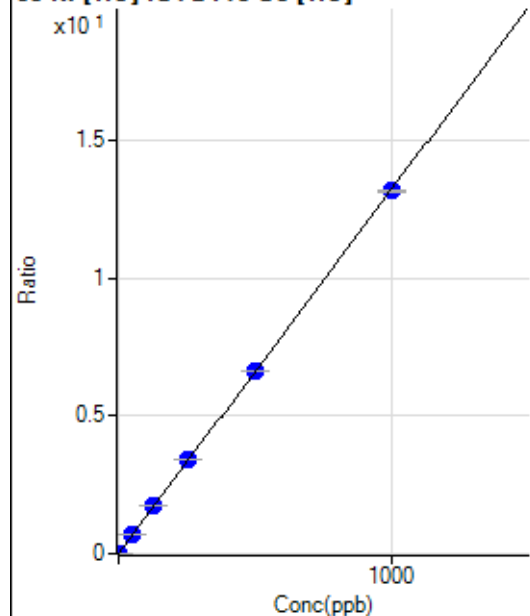
$$R = 0.9999$$

$$DL = 0.01406$$

$$BEC = 0.0547$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	137.78	0.0034	P	3.0
2	☐	0.100					
3	☐	1.000	0.946	638.91	0.0159	P	7.6
4	☐	50.000	51.553	27677.72	0.6851	P	2.3
5	☐	125.000	130.440	69808.42	1.7282	P	1.8
6	☐	250.000	258.147	140133.08	3.4169	P	0.8
7	☐	500.000	502.226	274108.26	6.6444	P	0.7
8	☐	1000.000	996.093	538006.81	13.1749	P	0.7
9	☐			6697.27	0.1651	P	0.9

$$y = 0.0132 * x + 0.0034$$

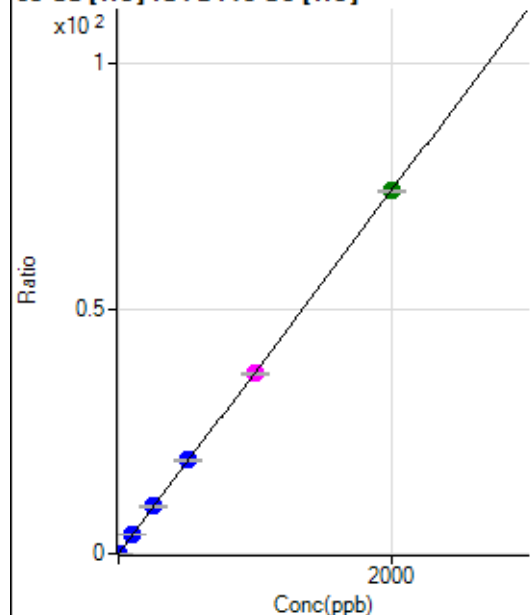
$$R = 1.0000$$

$$DL = 0.02301$$

$$BEC = 0.2589$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	596.69	0.0148	P	3.5
2	☐	0.200					
3	☐	2.000	1.902	3424.92	0.0853	P	2.3
4	☐	100.000	102.810	154592.94	3.8267	P	2.3
5	☐	250.000	260.019	390019.86	9.6555	P	1.7
6	☐	500.000	514.044	782267.58	19.0739	P	0.5
7	☐	1000.000	993.496	1520216.49	36.8505	M	0.7
8	☐	2000.000	1998.348	3026263.22	74.1073	A	0.8
9	☐			4531.93	0.1117	P	2.5

$$y = 0.0371 * x + 0.0148$$

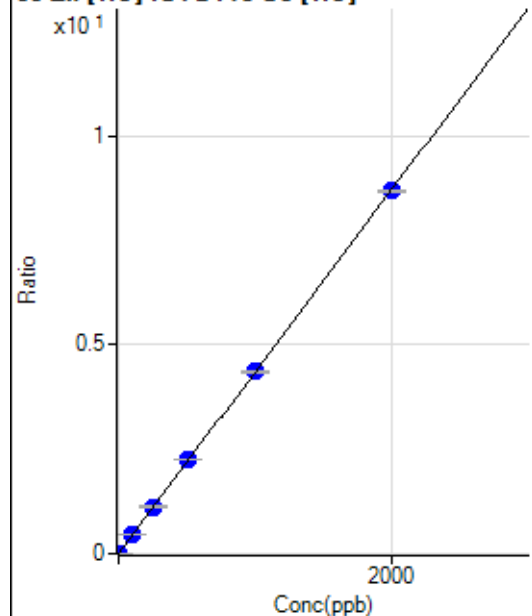
$$R = 1.0000$$

$$DL = 0.04167$$

$$BEC = 0.3996$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	57.78	0.0014	P	27.3
2	☐	0.200					
3	☐	2.000	1.883	386.68	0.0096	P	6.8
4	☐	100.000	103.228	18226.62	0.4512	P	3.6
5	☐	250.000	256.738	45241.44	1.1201	P	2.2
6	☐	500.000	517.165	92475.69	2.2549	P	0.3
7	☐	1000.000	1000.086	179828.92	4.3591	P	0.8
8	☐	2000.000	1994.662	354960.98	8.6927	P	0.5
9	☐			1893.49	0.0467	P	5.3

$$y = 0.0044 * x + 0.0014$$

$$R = 1.0000$$

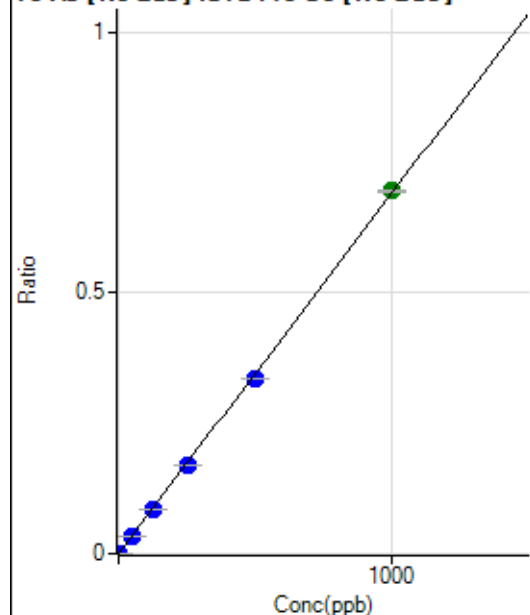
$$DL = 0.2694$$

$$BEC = 0.3285$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	907.96	0.0004	P	7.3
2	☐	0.100					
3	☐	1.000	0.951	2412.14	0.0010	P	4.1
4	☐	50.000	49.190	80980.33	0.0343	P	1.6
5	☐	125.000	123.193	203845.64	0.0854	P	0.9
6	☐	250.000	245.733	410924.74	0.1700	P	1.4
7	☐	500.000	486.446	816127.59	0.3361	P	0.8
8	☐	1000.000	1008.110	1672876.00	0.6962	A	0.4
9	☐			3290.19	0.0014	P	1.8

$$y = 6.9018\text{E-}004 * x + 3.8277\text{E-}004$$

$$R = 0.9999$$

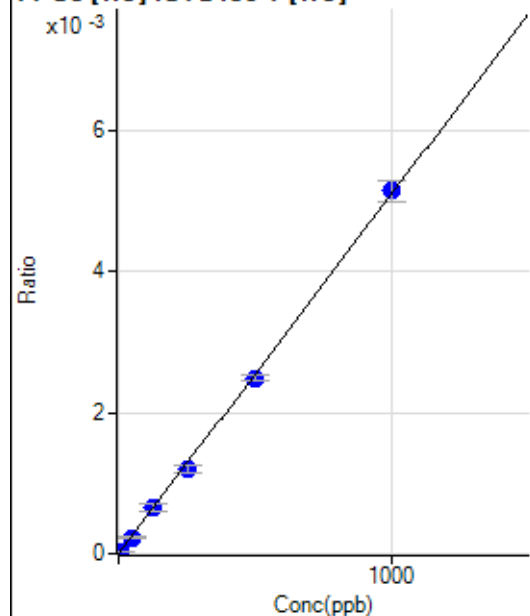
$$DL = 0.1209$$

$$BEC = 0.5546$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	5.908	6.67	0.0000	P	50.1
4	☐	50.000	44.930	51.11	0.0002	P	9.0
5	☐	125.000	126.899	146.67	0.0006	P	18.5
6	☐	250.000	236.507	277.78	0.0012	P	8.4
7	☐	500.000	489.130	566.69	0.0025	P	3.8
8	☐	1000.000	1008.820	1175.63	0.0052	P	5.7
9	☐			1.11	0.0000	P	173.

$$y = 5.1060\text{E-}006 * x + 0.0000\text{E+}000$$

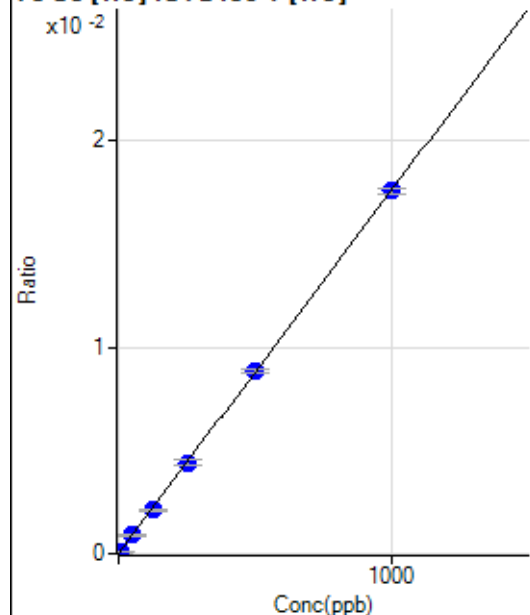
$$R = 0.9998$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.47	0.0000	P	41.5
2	☐	0.500					
3	☐	5.000	4.450	19.75	0.0001	P	30.2
4	☐	50.000	50.245	199.39	0.0009	P	4.1
5	☐	125.000	120.517	481.49	0.0021	P	4.1
6	☐	250.000	249.700	1013.01	0.0044	P	6.8
7	☐	500.000	504.328	2016.22	0.0089	P	2.3
8	☐	1000.000	998.462	4011.73	0.0176	P	1.9
9	☐			7.41	0.0000	P	42.8

$$y = 1.7594\text{E-}005 * x + 1.1128\text{E-}005$$

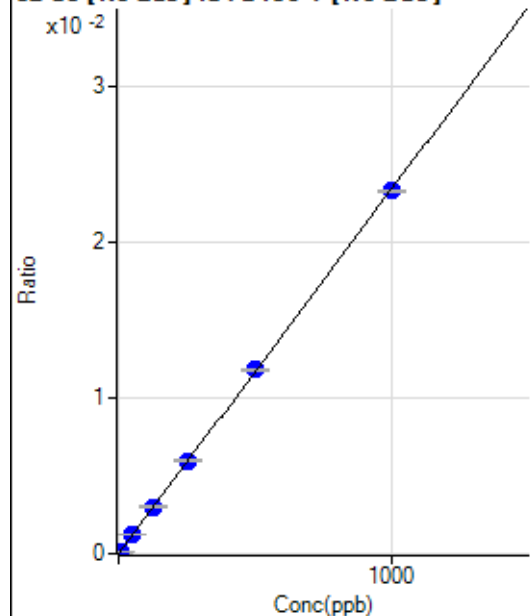
$$R = 1.0000$$

$$DL = 0.787$$

$$BEC = 0.6325$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-67.62	0.0000	P	-91.
2	☐	0.500					
3	☐	5.000	4.389	261.74	0.0001	P	18.4
4	☐	50.000	53.309	3991.10	0.0012	P	1.8
5	☐	125.000	128.900	9915.44	0.0030	P	1.7
6	☐	250.000	255.362	20157.47	0.0060	P	1.4
7	☐	500.000	504.135	40048.14	0.0118	P	1.5
8	☐	1000.000	995.942	79396.91	0.0233	P	0.6
9	☐			-62.12	0.0000	P	-76.

$$y = 2.3409\text{E-}005 * x - 2.0863\text{E-}005$$

$$R = 1.0000$$

$$DL = 2.441$$

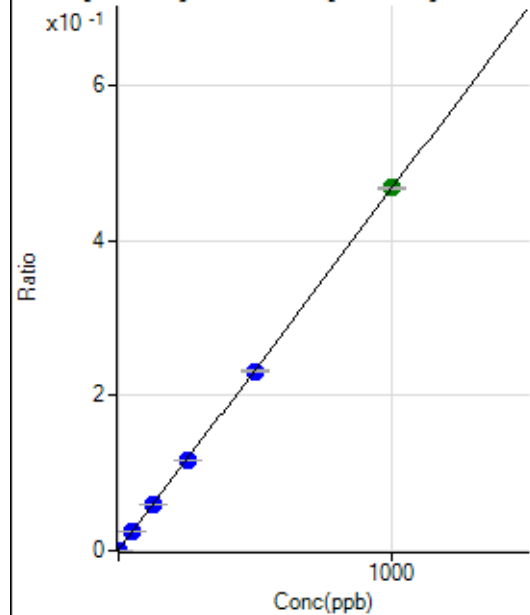
$$BEC = -0.8913$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			898.93		P	4.7
2	☐						
3	☐			944.49		P	5.4
4	☐			912.27		P	8.1
5	☐			915.61		P	4.6
6	☐			927.82		P	2.3
7	☐			953.39		P	3.0
8	☐			943.38		P	3.8
9	☐			974.50		P	3.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1450.15	0.0004	P	3.9
2	☐	0.100					
3	☐	1.000	0.691	2458.68	0.0008	P	5.6
4	☐	50.000	50.049	77344.75	0.0238	P	1.2
5	☐	125.000	124.792	193988.74	0.0586	P	0.3
6	☐	250.000	249.244	394764.47	0.1166	P	0.8
7	☐	500.000	495.703	787196.14	0.2316	P	1.0
8	☐	1000.000	1002.362	1594488.78	0.4678	A	0.4
9	☐			7355.07	0.0022	P	2.3

$$y = 4.6622\text{E-}004 * x + 4.4671\text{E-}004$$

$$R = 1.0000$$

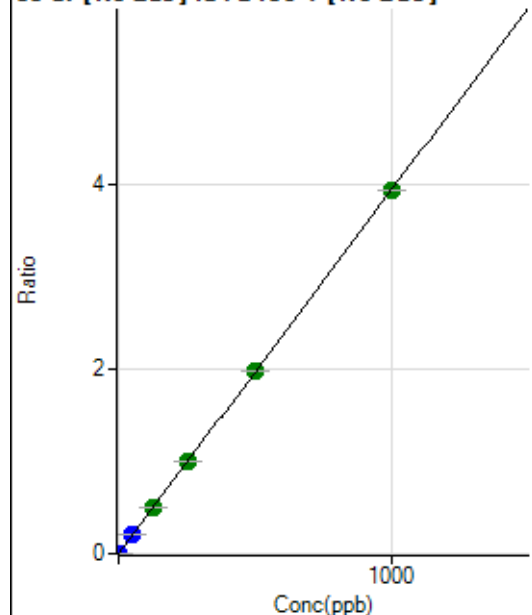
$$DL = 0.1135$$

$$BEC = 0.9582$$

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	138.90	0.0000	P	9.4
2	☐	0.100					
3	☐	1.000	0.811	10332.12	0.0032	P	2.8
4	☐	50.000	50.968	651848.14	0.2004	P	0.4
5	☐	125.000	128.972	1677886.84	0.5071	A	0.5
6	☐	250.000	254.435	3385067.61	1.0003	A	1.5
7	☐	500.000	501.736	6706165.25	1.9726	A	0.6
8	☐	1000.000	997.478	13367509.76	3.9216	A	0.0
9	☐			47913.15	0.0144	P	1.5

$$y = 0.0039 * x + 4.2788E-005$$

$$R = 1.0000$$

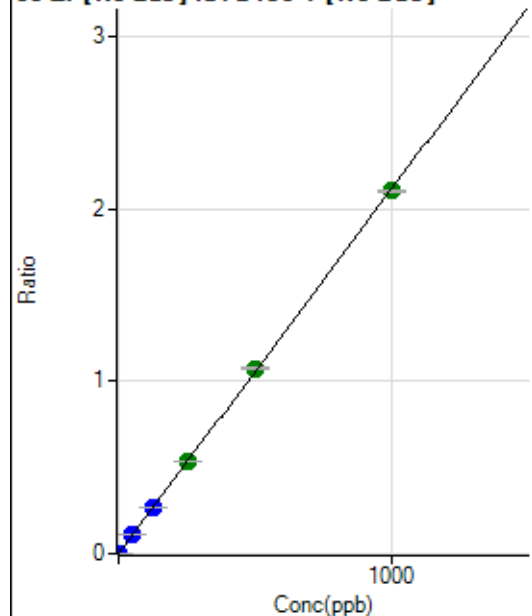
$$DL = 0.003066$$

$$BEC = 0.01088$$

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	297.24	0.0001	P	8.6
2	☐	0.100					
3	☐	1.000	0.906	6415.70	0.0020	P	4.3
4	☐	50.000	50.679	348673.11	0.1072	P	0.9
5	☐	125.000	127.384	891120.37	0.2693	P	0.5
6	☐	250.000	252.793	1808400.69	0.5344	A	0.7
7	☐	500.000	507.335	3645543.79	1.0723	A	0.7
8	☐	1000.000	995.302	7170707.63	2.1036	A	0.6
9	☐			1841.88	0.0006	P	5.2

$$y = 0.0021 * x + 9.1559E-005$$

$$R = 1.0000$$

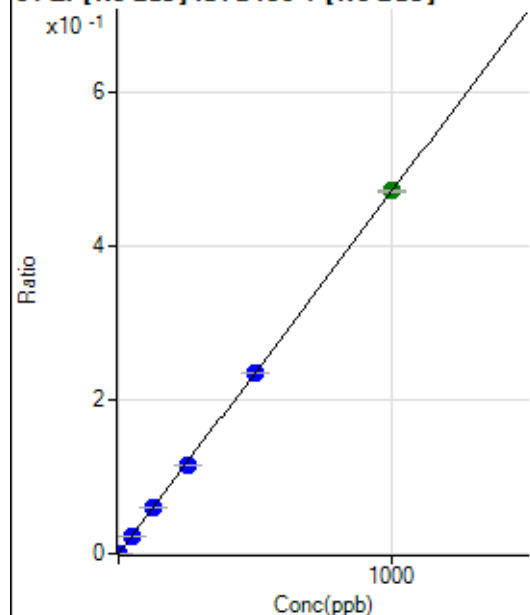
$$DL = 0.01118$$

$$BEC = 0.04332$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	76.1
2	☐	0.100					
3	☐	1.000	0.921	1433.48	0.0004	P	5.6
4	☐	50.000	49.781	76208.51	0.0234	P	1.6
5	☐	125.000	126.076	196277.81	0.0593	P	0.8
6	☐	250.000	245.944	391554.89	0.1157	P	0.5
7	☐	500.000	497.667	795869.52	0.2341	P	0.4
8	☐	1000.000	1002.057	1606707.66	0.4714	A	0.7
9	☐			416.70	0.0001	P	13.9

$$y = 4.7037\text{E-}004 * x + 1.5387\text{E-}005$$

$$R = 1.0000$$

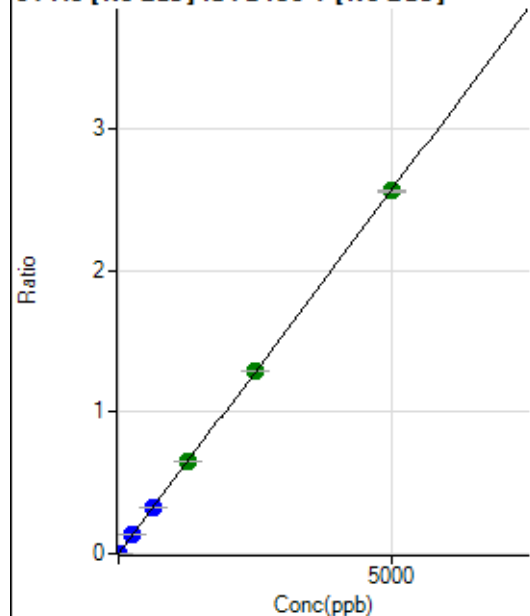
$$DL = 0.07466$$

$$BEC = 0.03271$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.01	0.0000	P	6.4
2	☐	0.500					
3	☐	5.000	4.596	7674.74	0.0024	P	0.6
4	☐	250.000	253.227	423393.59	0.1302	P	0.9
5	☐	625.000	629.985	1071435.04	0.3238	P	0.2
6	☐	1250.000	1269.933	2208771.27	0.6527	A	1.1
7	☐	2500.000	2508.542	4383064.03	1.2893	A	0.5
8	☐	5000.000	4989.962	8741801.58	2.5646	A	0.5
9	☐			3244.97	0.0010	P	4.0

$$y = 5.1394\text{E-}004 * x + 3.8500\text{E-}005$$

$$R = 1.0000$$

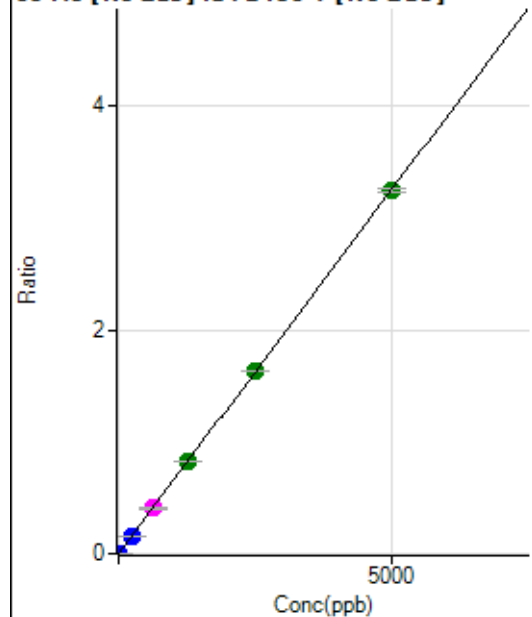
$$DL = 0.01441$$

$$BEC = 0.07491$$

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	13.89	0.0000	P	125.
2	☐	0.500					
3	☐	5.000	4.581	9525.95	0.0030	P	4.3
4	☐	250.000	249.376	526814.27	0.1620	P	1.3
5	☐	625.000	622.962	1338876.09	0.4046	M	0.9
6	☐	1250.000	1276.801	2806643.34	0.8293	A	0.5
7	☐	2500.000	2513.326	5549859.63	1.6325	A	0.6
8	☐	5000.000	4986.923	11041209.88	3.2392	A	1.1
9	☐			4676.04	0.0014	P	6.5

$$y = 6.4953E-004 * x + 4.2897E-006$$

$$R = 1.0000$$

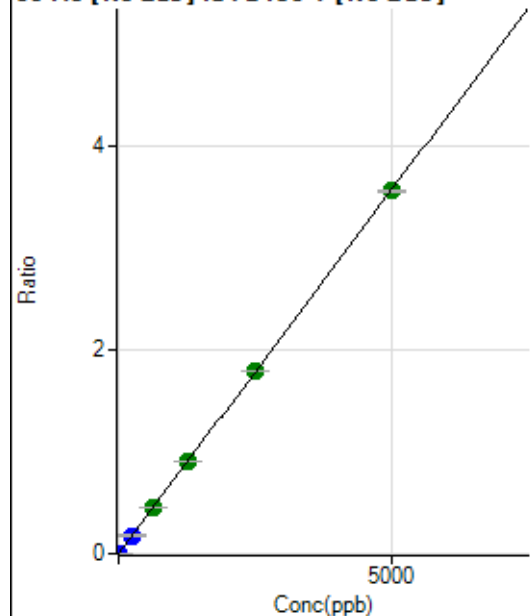
$$DL = 0.0248$$

$$BEC = 0.006604$$

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	72.23	0.0000	P	13.0
2	☐	0.500					
3	☐	5.000	4.695	10801.94	0.0034	P	1.6
4	☐	250.000	250.004	581303.65	0.1787	P	1.2
5	☐	625.000	639.939	1513775.88	0.4575	A	1.0
6	☐	1250.000	1267.826	3066939.63	0.9063	A	1.4
7	☐	2500.000	2512.202	6105325.14	1.7959	A	0.3
8	☐	5000.000	4987.575	12153150.97	3.5654	A	0.5
9	☐			5804.31	0.0017	P	1.0

$$y = 7.1485E-004 * x + 2.2241E-005$$

$$R = 1.0000$$

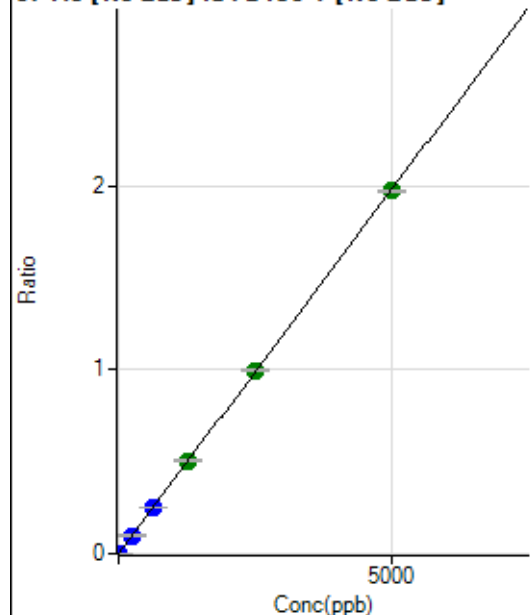
$$DL = 0.01214$$

$$BEC = 0.03111$$

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	138.90	0.0000	P	8.9
2	☐	0.500					
3	☐	5.000	4.735	6132.15	0.0019	P	5.5
4	☐	250.000	250.164	322416.98	0.0991	P	1.3
5	☐	625.000	624.959	819254.03	0.2476	P	0.6
6	☐	1250.000	1273.901	1707648.45	0.5046	A	1.7
7	☐	2500.000	2518.586	3391724.47	0.9977	A	1.3
8	☐	5000.000	4984.729	6730561.87	1.9745	A	0.5
9	☐			3072.71	0.0009	P	3.3

$$y = 3.9611\text{E-}004 * x + 4.2774\text{E-}005$$

$$R = 1.0000$$

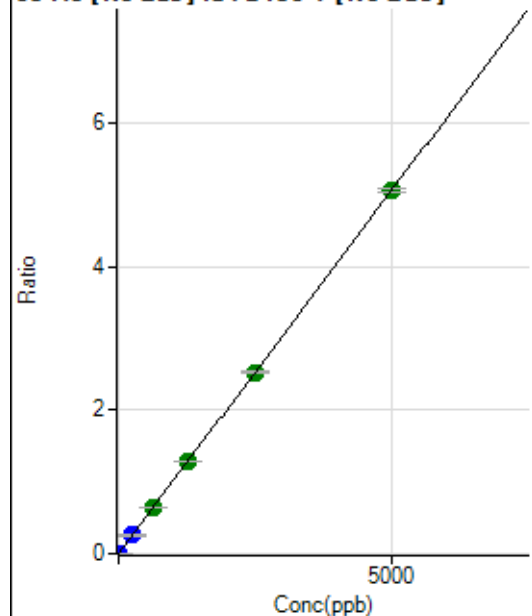
$$DL = 0.02872$$

$$BEC = 0.108$$

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	47.22	0.0000	P	36.5
2	☐	0.500					
3	☐	5.000	4.726	15312.16	0.0048	P	2.1
4	☐	250.000	251.703	827224.12	0.2543	P	0.8
5	☐	625.000	636.293	2127488.59	0.6430	A	0.9
6	☐	1250.000	1270.392	4343783.95	1.2837	A	1.8
7	☐	2500.000	2494.208	8568046.89	2.5203	A	1.2
8	☐	5000.000	4996.302	17208458.55	5.0485	A	1.2
9	☐			6999.34	0.0021	P	2.9

$$y = 0.0010 * x + 1.4538\text{E-}005$$

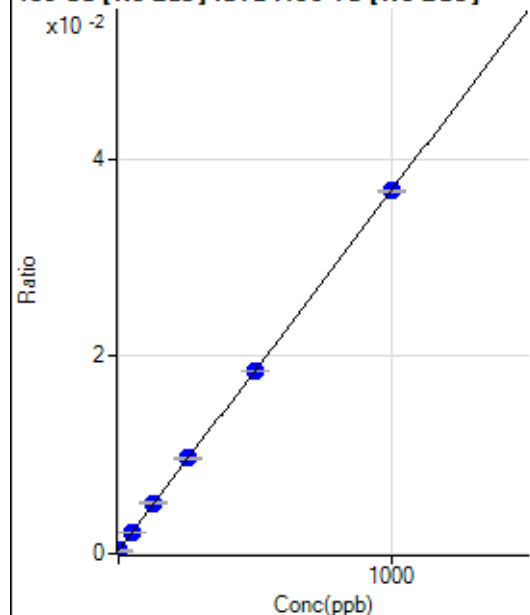
$$R = 1.0000$$

$$DL = 0.01573$$

$$BEC = 0.01439$$

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	836.18	0.0003	P	2.0
2	☐	0.100					
3	☐	1.000	0.044	838.96	0.0003	P	9.0
4	☐	50.000	52.319	6271.21	0.0022	P	0.8
5	☐	125.000	131.385	14881.02	0.0051	P	3.6
6	☐	250.000	256.047	29207.64	0.0097	P	3.2
7	☐	500.000	499.121	56826.45	0.0185	P	0.5
8	☐	1000.000	998.015	112901.44	0.0368	P	0.8
9	☐			936.19	0.0003	P	11.0

$$y = 3.6555E-005 * x + 2.9680E-004$$

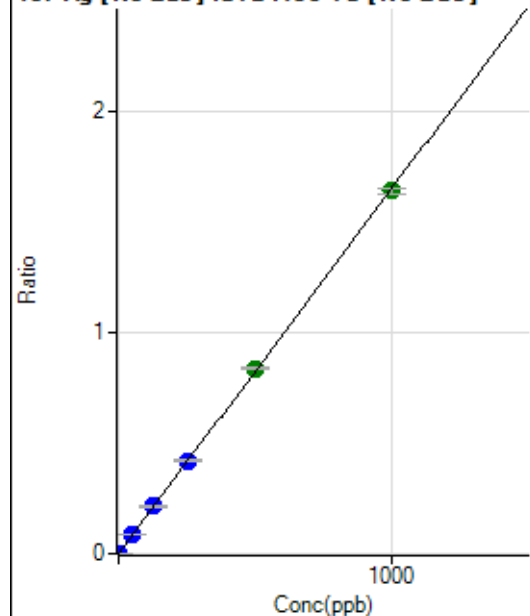
$$R = 1.0000$$

$$DL = 0.4923$$

$$BEC = 8.119$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	119.45	0.0000	P	16.8
2	☐	0.100					
3	☐	1.000	1.007	4778.83	0.0017	P	4.3
4	☐	50.000	52.542	245716.02	0.0866	P	1.2
5	☐	125.000	129.351	621820.70	0.2130	P	1.2
6	☐	250.000	254.824	1269005.82	0.4197	P	0.8
7	☐	500.000	507.241	2559934.43	0.8353	A	0.7
8	☐	1000.000	994.503	5027129.76	1.6377	A	1.4
9	☐			630.60	0.0002	P	5.9

$$y = 0.0016 * x + 4.2363E-005$$

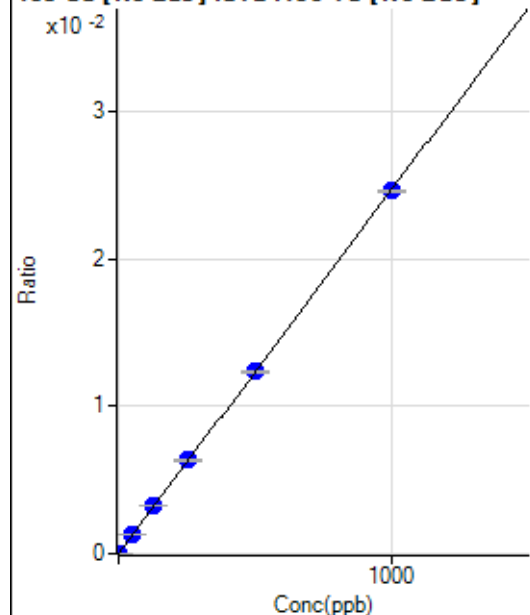
$$R = 0.9999$$

$$DL = 0.013$$

$$BEC = 0.02573$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.33	0.0000	P	86.6
2	☐	0.100					
3	☐	1.000	0.941	73.61	0.0000	P	33.4
4	☐	50.000	53.431	3754.76	0.0013	P	3.4
5	☐	125.000	131.920	9520.23	0.0033	P	2.6
6	☐	250.000	256.935	19202.87	0.0064	P	1.4
7	☐	500.000	500.371	37892.44	0.0124	P	1.2
8	☐	1000.000	997.044	75622.01	0.0246	P	0.3
9	☐			11.11	0.0000	P	57.3

$$y = 2.4705E-005 * x + 2.9664E-006$$

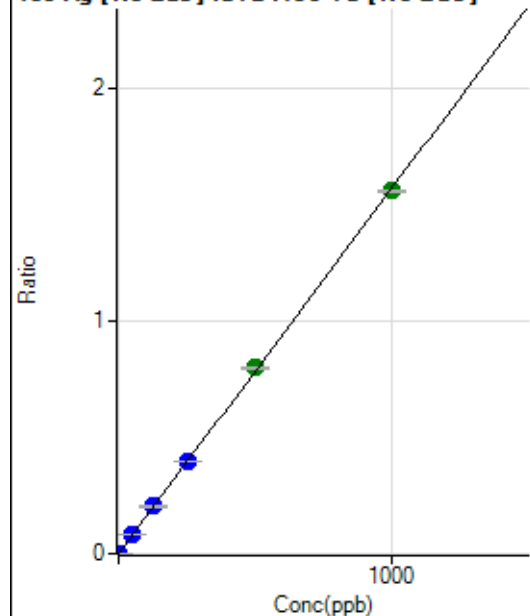
$$R = 1.0000$$

$$DL = 0.312$$

$$BEC = 0.1201$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	88.89	0.0000	P	13.5
2	☐	0.100					
3	☐	1.000	1.024	4592.65	0.0016	P	4.3
4	☐	50.000	52.202	232040.20	0.0818	P	1.1
5	☐	125.000	129.386	591288.30	0.2026	P	1.2
6	☐	250.000	252.763	1196699.99	0.3957	P	0.8
7	☐	500.000	509.136	2442825.25	0.7971	A	0.7
8	☐	1000.000	994.083	4777371.85	1.5563	A	0.4
9	☐			655.60	0.0002	P	3.9

$$y = 0.0016 * x + 3.1528E-005$$

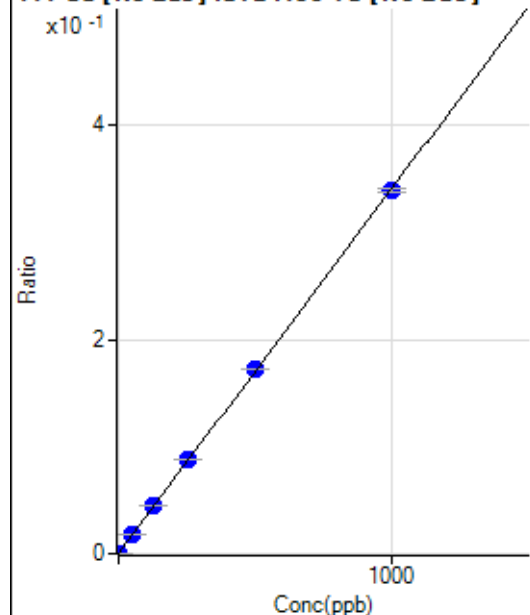
$$R = 0.9999$$

$$DL = 0.008163$$

$$BEC = 0.02014$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	591.99	0.0002	P	2.0
2	☐	0.100					
3	☐	1.000	0.851	1405.24	0.0005	P	0.6
4	☐	50.000	52.311	51140.76	0.0180	P	1.1
5	☐	125.000	130.732	130507.71	0.0447	P	1.5
6	☐	250.000	256.587	264778.75	0.0876	P	0.5
7	☐	500.000	505.480	528007.43	0.1723	P	0.5
8	☐	1000.000	994.781	1040176.05	0.3389	P	1.1
9	☐			733.67	0.0002	P	9.8

$$y = 3.4043\text{E-}004 * x + 2.1011\text{E-}004$$

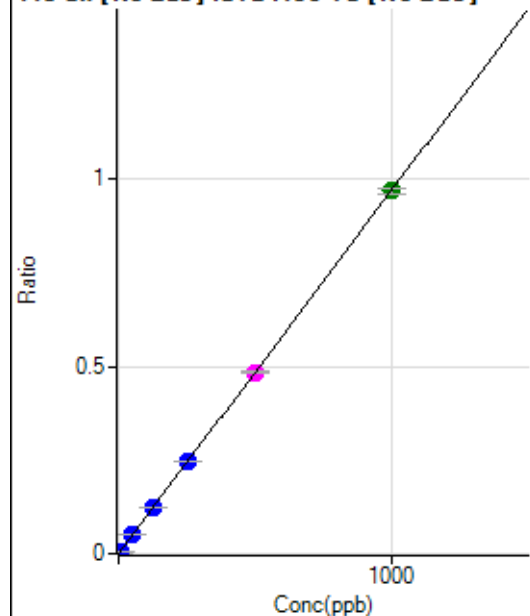
$$R = 0.9999$$

$$DL = 0.03769$$

$$BEC = 0.6172$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	275.02	0.0001	P	11.3
2	☐	0.500					
3	☐	5.000	5.040	14021.84	0.0050	P	3.0
4	☐	50.000	51.604	142426.64	0.0502	P	0.8
5	☐	125.000	126.949	359895.34	0.1233	P	1.0
6	☐	250.000	253.174	743288.08	0.2458	P	1.3
7	☐	500.000	499.894	1487120.61	0.4852	M	1.6
8	☐	1000.000	998.936	2976151.35	0.9696	A	1.8
9	☐			1783.55	0.0006	P	2.3

$$y = 9.7051\text{E-}004 * x + 9.7558\text{E-}005$$

$$R = 1.0000$$

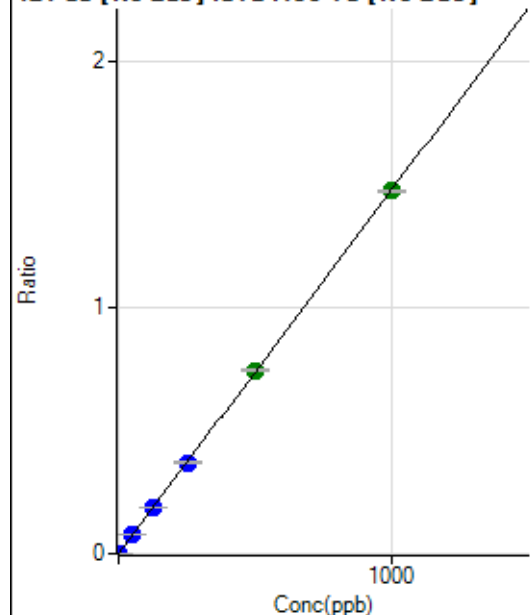
$$DL = 0.03422$$

$$BEC = 0.1005$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.67	0.0000	P	19.9
2	☐	0.200					
3	☐	2.000	1.783	7452.41	0.0027	P	4.2
4	☐	50.000	50.797	213197.43	0.0751	P	1.6
5	☐	125.000	125.389	541134.16	0.1854	P	1.6
6	☐	250.000	250.242	1118833.39	0.3700	P	1.0
7	☐	500.000	503.950	2283466.32	0.7451	A	1.0
8	☐	1000.000	997.877	4528938.60	1.4754	A	0.7
9	☐			5973.82	0.0020	P	1.8

$$y = 0.0015 * x + 1.4791E-005$$

$$R = 1.0000$$

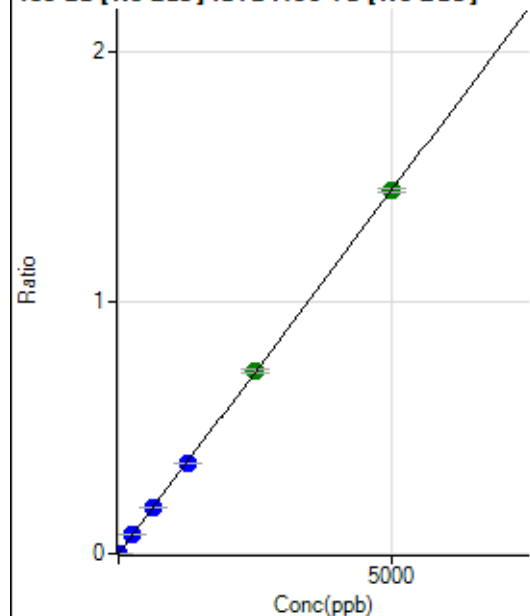
$$DL = 0.005986$$

$$BEC = 0.01$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.89	0.0000	P	8.0
2	☐	1.000					
3	☐	10.000	9.676	7933.29	0.0028	P	2.1
4	☐	250.000	254.304	208906.03	0.0736	P	1.2
5	☐	625.000	628.955	531190.98	0.1820	P	2.1
6	☐	1250.000	1245.946	1090197.00	0.3605	P	1.0
7	☐	2500.000	2514.363	2229592.08	0.7275	A	1.4
8	☐	5000.000	4993.123	4434782.61	1.4447	A	1.0
9	☐			547.26	0.0002	P	19.3

$$y = 2.8934E-004 * x + 2.2685E-005$$

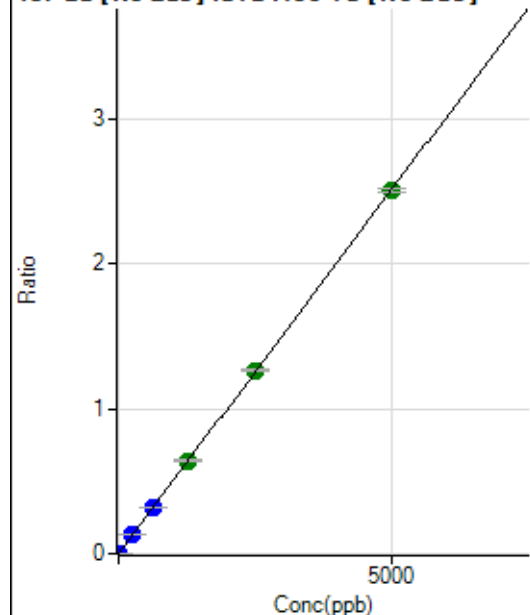
$$R = 1.0000$$

$$DL = 0.0188$$

$$BEC = 0.0784$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	86.11	0.0000	P	23.4
2	☐	1.000					
3	☐	10.000	9.550	13568.68	0.0048	P	1.4
4	☐	250.000	254.408	362800.49	0.1278	P	1.0
5	☐	625.000	634.858	930833.32	0.3189	P	1.5
6	☐	1250.000	1274.019	1935206.08	0.6400	A	1.2
7	☐	2500.000	2514.757	3871304.25	1.2632	A	0.9
8	☐	5000.000	4985.165	7686886.89	2.5041	A	0.9
9	☐			786.17	0.0003	P	8.9

$$y = 5.0231\text{E-}004 * x + 3.0610\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.04273$$

$$BEC = 0.06094$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	124.
2	☐						
3	☐			8.89		P	114.
4	☐			6.67		P	100.
5	☐			24.44		P	56.8
6	☐			44.45		P	8.7
7	☐			108.89		P	21.5
8	☐			215.57		P	14.6
9	☐			62.22		P	59.0

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			2.22		P	173.
6	☐			4.44		P	114.
7	☐			3.33		P	100.
8	☐			10.00		P	57.7
9	☐			14.45		P	26.7

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	48.0
2	☐						
3	☐			30.56		P	56.8
4	☐			55.56		P	70.9
5	☐			55.56		P	45.8
6	☐			36.11		P	35.3
7	☐			36.11		P	48.0
8	☐			61.12		P	20.8
9	☐			61.11		P	31.5

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐						
3	☐			3.33		P	173.
4	☐			3.33		P	0.0
5	☐			1.11		P	173.
6	☐			4.44		P	43.4
7	☐			3.33		P	100.
8	☐			1.11		P	173.
9	☐			12.22		P	68.7

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	65.5
2	☐						
3	☐			50.00		P	50.0
4	☐			36.11		P	26.7
5	☐			38.89		P	32.7
6	☐			38.89		P	32.7
7	☐			52.78		P	32.9
8	☐			27.78		P	62.5
9	☐			63.89		P	66.9

160 Gd [He] No available calibration points

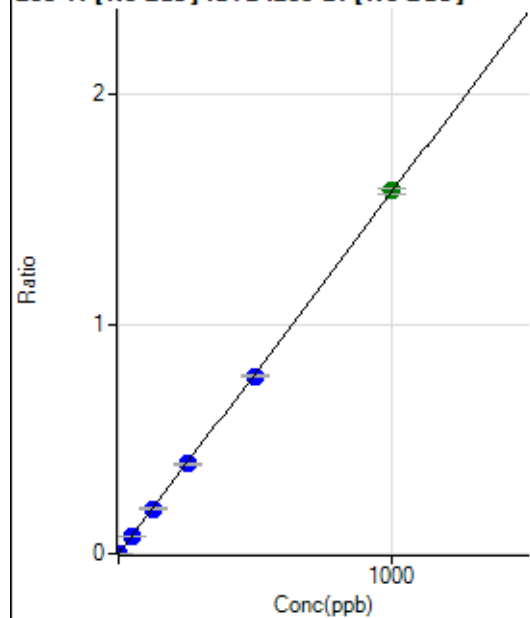
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	65.5
2	☐						
3	☐			6.67		P	50.0
4	☐			2.22		P	86.6
5	☐			10.00		P	57.7
6	☐			6.67		P	50.0
7	☐			5.56		P	91.6
8	☐			13.33		P	75.0
9	☐			17.78		P	10.8

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	86.6
2	☐						
3	☐			25.00		P	57.7
4	☐			16.67		P	50.0
5	☐			19.45		P	24.7
6	☐			16.67		P	100.
7	☐			25.00		P	66.7
8	☐			16.67		P	132.
9	☐			13.89		P	34.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			2.22		P	173.
4	☐			1.11		P	173.
5	☐			11.11		P	17.3
6	☐			6.67		P	50.0
7	☐			2.22		P	86.6
8	☐			4.44		P	114.
9	☐			5.56		P	34.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	69.45	0.0000	P	41.1
2	☐	0.100					
3	☐	1.000	0.918	2236.43	0.0015	P	5.5
4	☐	50.000	49.542	119485.83	0.0780	P	0.7
5	☐	125.000	124.554	308418.65	0.1960	P	1.4
6	☐	250.000	247.731	634270.72	0.3899	P	0.5
7	☐	500.000	491.331	1275915.20	0.7732	P	1.3
8	☐	1000.000	1004.980	2601182.24	1.5814	A	1.6
9	☐			361.13	0.0002	P	28.6

$$y = 0.0016 * x + 4.5664E-005$$

$$R = 0.9999$$

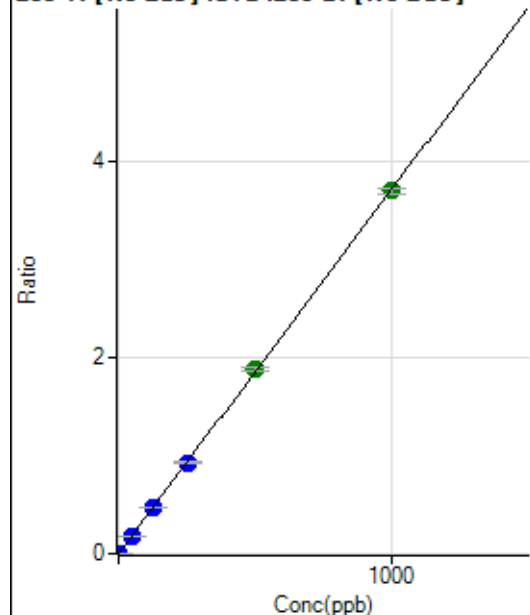
$$DL = 0.03582$$

$$BEC = 0.02902$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	166.68	0.0001	P	4.0
2	☐	0.100					
3	☐	1.000	0.868	4995.65	0.0033	P	5.2
4	☐	50.000	50.054	284458.55	0.1857	P	0.1
5	☐	125.000	125.468	731998.19	0.4653	P	2.0
6	☐	250.000	250.507	1511302.55	0.9289	P	0.6
7	☐	500.000	506.468	3098567.00	1.8779	A	2.7
8	☐	1000.000	996.578	6078032.00	3.6950	A	1.3
9	☐			794.51	0.0005	P	9.8

$$y = 0.0037 * x + 1.0987E-004$$

$$R = 1.0000$$

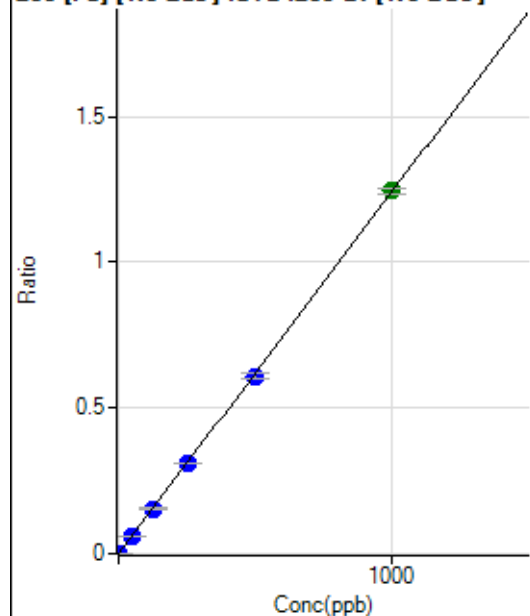
$$DL = 0.00357$$

$$BEC = 0.02963$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0001	P	41.3
2	☐	0.100					
3	☐	1.000	0.858	1722.40	0.0011	P	6.0
4	☐	50.000	50.058	95182.74	0.0621	P	0.3
5	☐	125.000	124.935	243771.70	0.1550	P	1.8
6	☐	250.000	248.972	502258.12	0.3087	P	0.1
7	☐	500.000	492.062	1006585.49	0.6100	P	2.6
8	☐	1000.000	1004.231	2047655.17	1.2449	A	1.8
9	☐			2928.21	0.0020	P	4.5

$$y = 0.0012 * x + 8.4065E-005$$

$$R = 1.0000$$

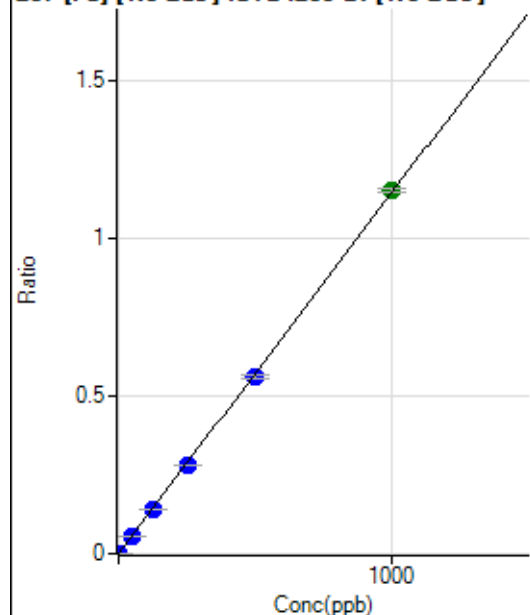
$$DL = 0.08407$$

$$BEC = 0.06782$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	79.63	0.0001	P	21.5
2	☐	0.100					
3	☐	1.000	0.900	1624.24	0.0011	P	1.5
4	☐	50.000	49.172	86254.50	0.0563	P	1.1
5	☐	125.000	122.855	221222.56	0.1406	P	0.7
6	☐	250.000	245.716	457429.01	0.2812	P	0.4
7	☐	500.000	489.437	924048.33	0.5600	P	1.8
8	☐	1000.000	1006.662	1894480.59	1.1517	A	1.0
9	☐			2505.89	0.0017	P	7.1

$$y = 0.0011 * x + 5.2513E-005$$

$$R = 0.9999$$

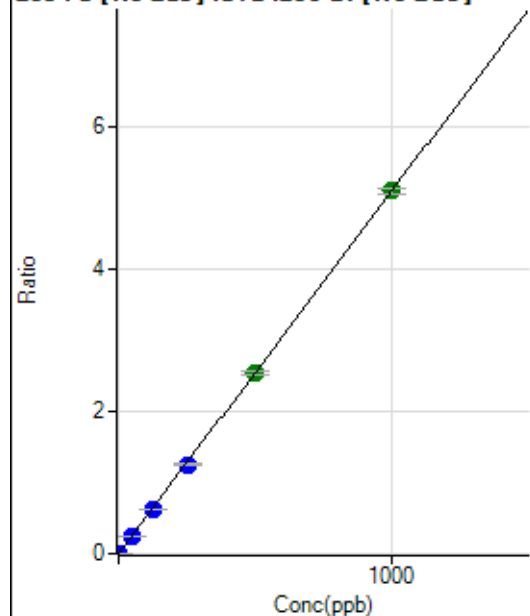
$$DL = 0.02961$$

$$BEC = 0.0459$$

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	477.80	0.0003	P	15.8
2	☐	0.100					
3	☐	1.000	0.884	7236.25	0.0048	P	1.2
4	☐	50.000	49.695	388305.97	0.2535	P	0.3
5	☐	125.000	123.752	992421.22	0.6308	P	1.1
6	☐	250.000	246.070	2040088.35	1.2539	P	0.7
7	☐	500.000	499.327	4198322.35	2.5441	A	1.8
8	☐	1000.000	1001.490	8393158.88	5.1024	A	1.3
9	☐			11432.01	0.0076	P	2.9

$$y = 0.0051 * x + 3.1474E-004$$

$$R = 1.0000$$

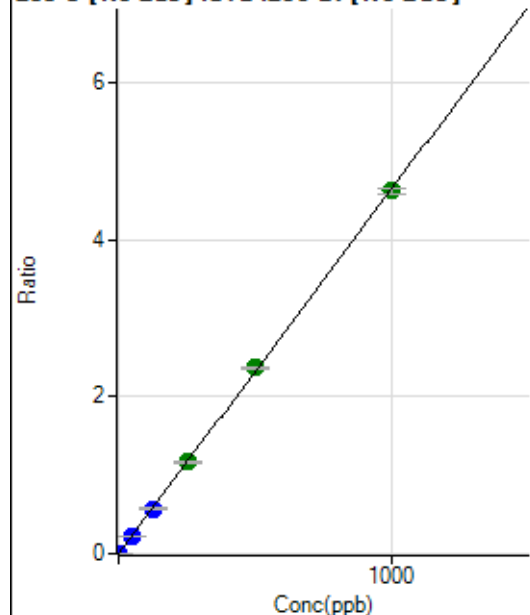
$$DL = 0.0293$$

$$BEC = 0.06178$$

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	36.12	0.0000	P	57.1
2	☐	0.100					
3	☐	1.000	0.890	6249.06	0.0042	P	4.0
4	☐	50.000	49.066	349549.22	0.2282	P	1.0
5	☐	125.000	123.770	905590.07	0.5756	P	0.7
6	☐	250.000	252.266	1908582.68	1.1731	A	1.8
7	☐	500.000	509.098	3906694.84	2.3674	A	1.6
8	☐	1000.000	995.085	7611667.01	4.6273	A	1.2
9	☐			294.47	0.0002	P	13.1

$$y = 0.0047 * x + 2.3721E-005$$

$$R = 0.9999$$

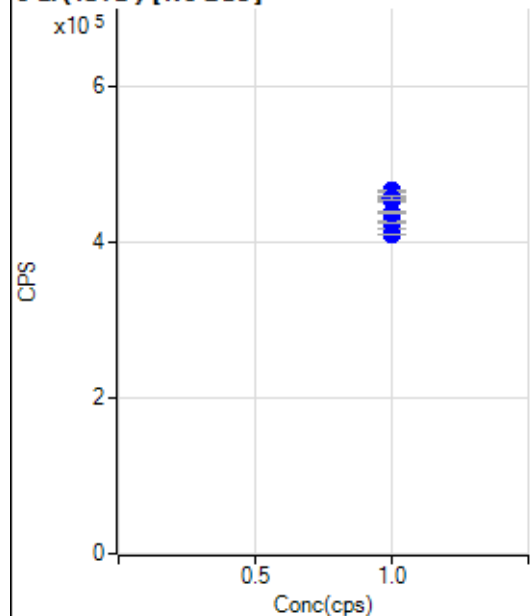
$$DL = 0.00874$$

$$BEC = 0.005101$$

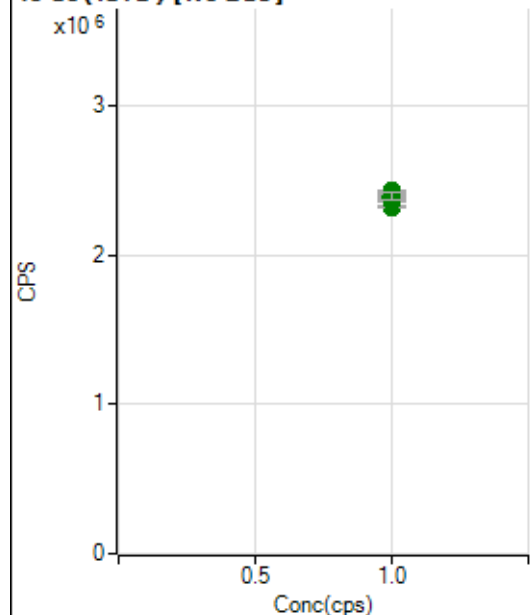
Weight: <None>

Min Conc: 0

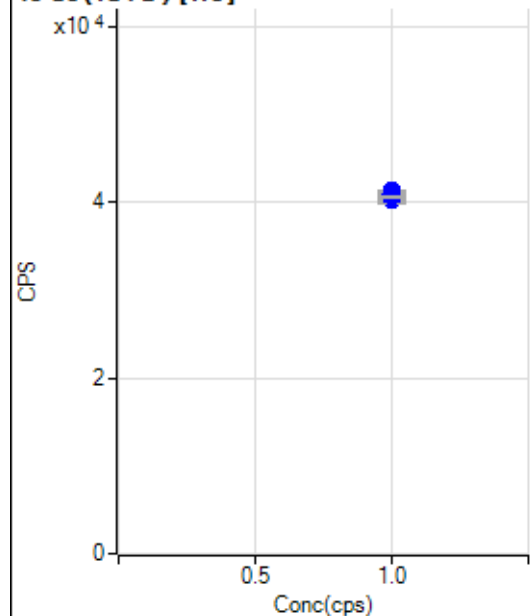
6 Li (ISTD) [No Gas]



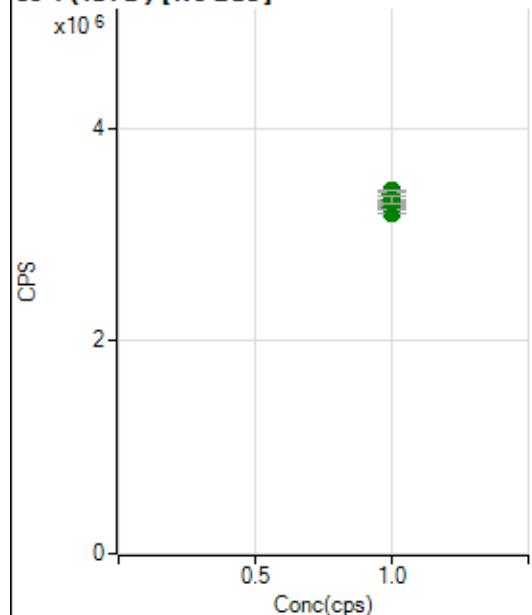
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		418108.73		P	0.3
2	☐	1.000					
3	☐	1.000		410830.21		P	0.3
4	☐	1.000		427148.90		P	0.7
5	☐	1.000		438042.04		P	0.7
6	☐	1.000		457913.62		P	1.1
7	☐	1.000		466530.16		P	0.6
8	☐	1.000		454910.80		P	0.9
9	☐	1.000		457692.73		P	0.9

45 Sc (ISTD) [No Gas]

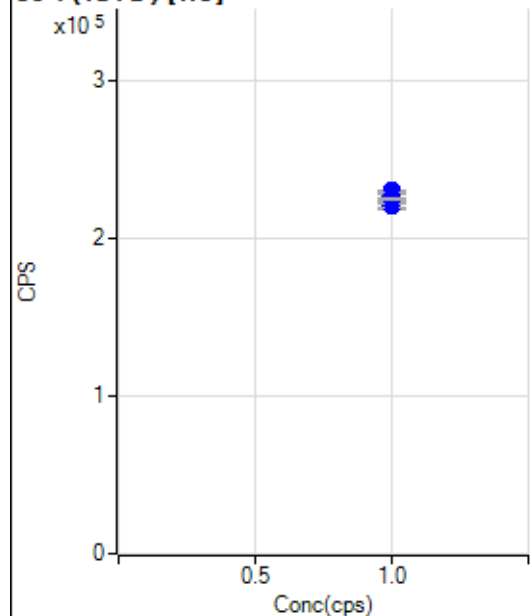
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2371887.12		A	1.0
2	☐	1.000					
3	☐	1.000		2320743.04		A	0.6
4	☐	1.000		2358633.47		A	0.3
5	☐	1.000		2386922.06		A	1.5
6	☐	1.000		2417797.80		A	1.6
7	☐	1.000		2428140.85		A	0.3
8	☐	1.000		2402981.87		A	0.5
9	☐	1.000		2393272.15		A	2.4

45 Sc (ISTD) [He]

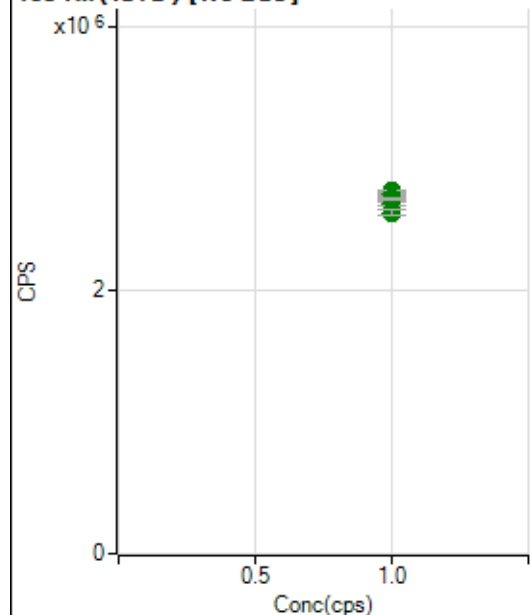
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		40247.76		P	2.4
2	☐	1.000					
3	☐	1.000		40126.24		P	0.8
4	☐	1.000		40407.04		P	1.4
5	☐	1.000		40404.91		P	2.5
6	☐	1.000		41012.08		P	0.5
7	☐	1.000		41255.07		P	0.8
8	☐	1.000		40834.95		P	0.9
9	☐	1.000		40567.41		P	0.2

89 Y (ISTD) [No Gas]

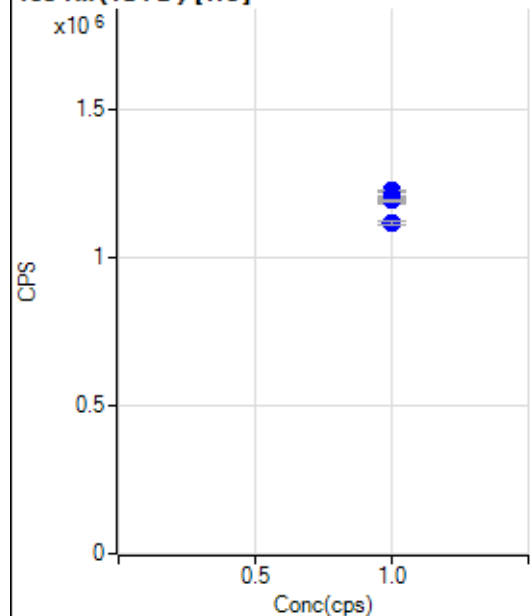
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3246576.65		A	0.4
2	☐	1.000					
3	☐	1.000		3197034.74		A	0.4
4	☐	1.000		3252452.49		A	0.6
5	☐	1.000		3308835.26		A	0.5
6	☐	1.000		3384296.72		A	1.2
7	☐	1.000		3399649.91		A	0.2
8	☐	1.000		3408675.33		A	0.2
9	☐	1.000		3323371.55		A	1.7

89 Y (ISTD) [He]

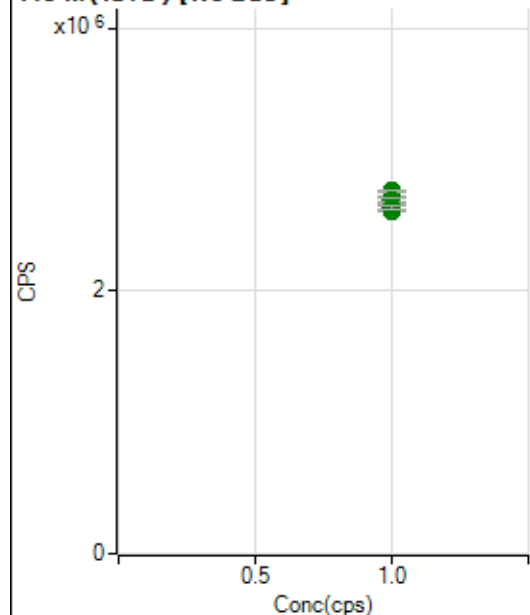
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		220689.65		P	2.2
2	☐	1.000					
3	☐	1.000		220804.46		P	1.2
4	☐	1.000		222679.96		P	1.0
5	☐	1.000		225815.47		P	2.4
6	☐	1.000		230017.74		P	0.3
7	☐	1.000		226920.89		P	0.7
8	☐	1.000		228200.43		P	0.7
9	☐	1.000		225029.92		P	0.7

103 Rh (ISTD) [No Gas]

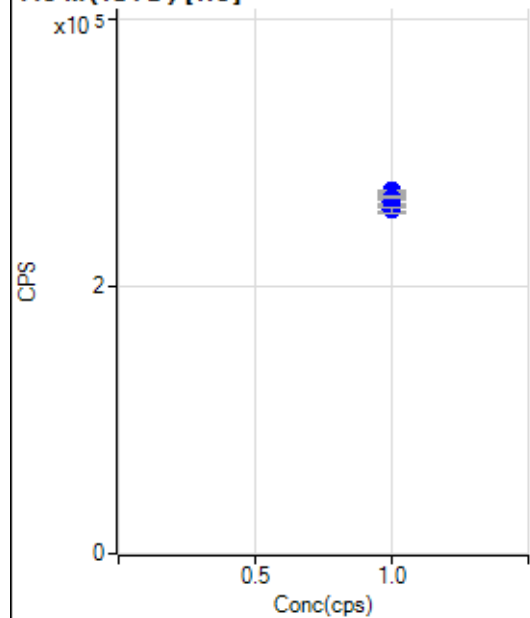
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2708064.34		A	1.3
2	☐	1.000					
3	☐	1.000		2659850.54		A	1.1
4	☐	1.000		2687011.69		A	0.8
5	☐	1.000		2716503.94		A	1.8
6	☐	1.000		2756496.85		A	0.1
7	☐	1.000		2739296.76		A	1.9
8	☐	1.000		2701424.04		A	0.5
9	☐	1.000		2592537.38		A	1.3

103 Rh (ISTD) [He]

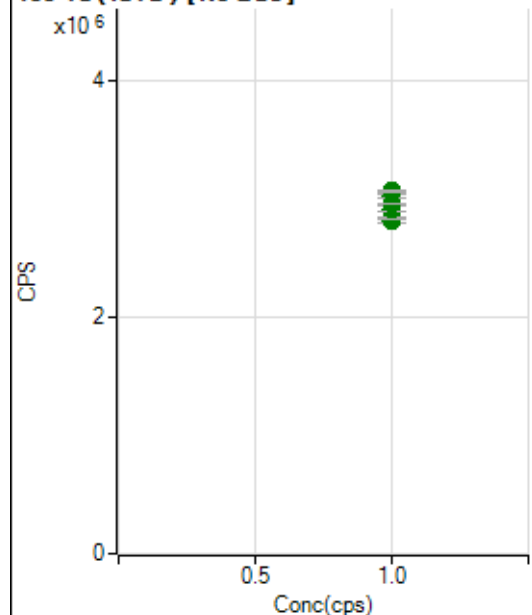
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1193439.60		P	2.0
2	☐	1.000					
3	☐	1.000		1194090.72		P	0.4
4	☐	1.000		1201333.19		P	0.6
5	☐	1.000		1209653.81		P	1.7
6	☐	1.000		1226839.50		P	0.3
7	☐	1.000		1206984.26		P	0.4
8	☐	1.000		1193432.67		P	0.5
9	☐	1.000		1119779.92		P	1.1

115 In (ISTD) [No Gas]

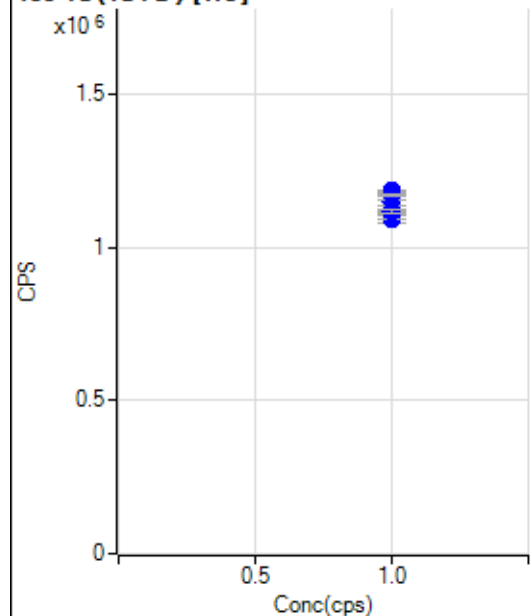
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2626454.83		A	0.2
2	☐	1.000					
3	☐	1.000		2613523.58		A	0.4
4	☐	1.000		2661476.70		A	0.5
5	☐	1.000		2705906.99		A	1.8
6	☐	1.000		2761062.81		A	0.4
7	☐	1.000		2764252.51		A	0.9
8	☐	1.000		2695334.04		A	0.9
9	☐	1.000		2637739.18		A	1.2

115 In (ISTD) [He]

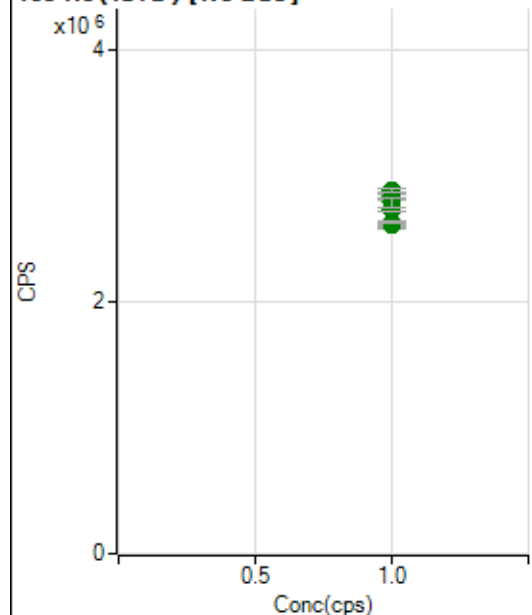
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		263647.55		P	2.3
2	☐	1.000					
3	☐	1.000		261631.48		P	0.6
4	☐	1.000		267017.07		P	0.6
5	☐	1.000		267642.71		P	2.0
6	☐	1.000		271948.83		P	0.4
7	☐	1.000		267065.85		P	0.4
8	☐	1.000		259152.41		P	1.7
9	☐	1.000		257522.26		P	1.4

159 Tb (ISTD) [No Gas]

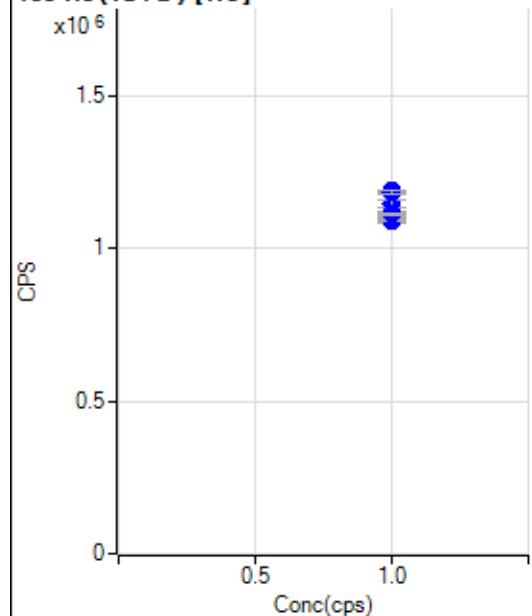
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2817291.97		A	0.9
2	☐	1.000					
3	☐	1.000		2810753.47		A	0.9
4	☐	1.000		2838495.44		A	1.1
5	☐	1.000		2919042.53		A	1.4
6	☐	1.000		3024066.48		A	0.9
7	☐	1.000		3064686.97		A	0.3
8	☐	1.000		3069783.32		A	0.8
9	☐	1.000		2961662.31		A	0.4

159 Tb (ISTD) [He]

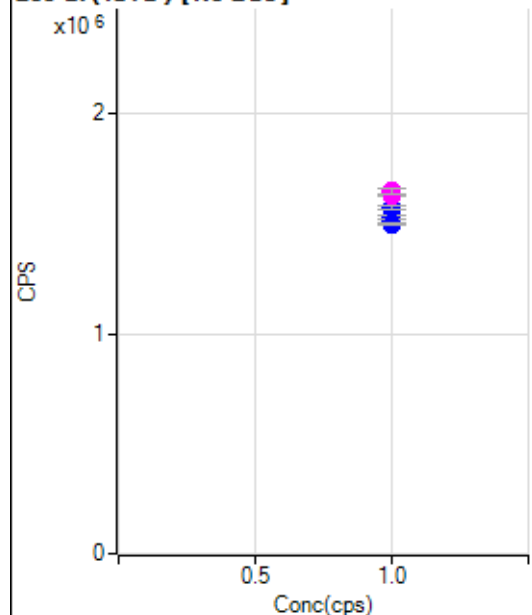
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1094374.04		P	2.2
2	☐	1.000					
3	☐	1.000		1091693.59		P	0.5
4	☐	1.000		1114831.96		P	0.3
5	☐	1.000		1145646.83		P	1.6
6	☐	1.000		1184186.53		P	0.2
7	☐	1.000		1176135.06		P	0.6
8	☐	1.000		1172824.58		P	0.5
9	☐	1.000		1119242.81		P	1.0

165 Ho (ISTD) [No Gas]

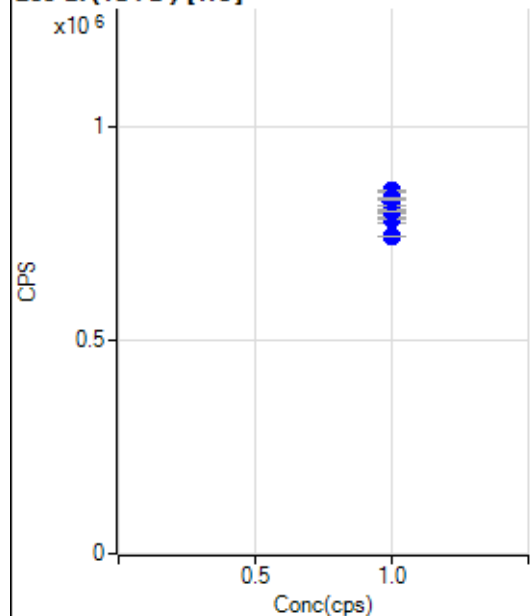
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2618361.73		A	2.3
2	☐	1.000					
3	☐	1.000		2610466.62		A	0.4
4	☐	1.000		2634742.75		A	0.4
5	☐	1.000		2734710.31		A	1.1
6	☐	1.000		2837497.31		A	1.3
7	☐	1.000		2873304.32		A	0.6
8	☐	1.000		2885648.46		A	1.0
9	☐	1.000		2792888.58		A	2.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1095135.59		P	1.6
2	☐	1.000					
3	☐	1.000		1090844.26		P	0.5
4	☐	1.000		1116526.84		P	1.1
5	☐	1.000		1146303.01		P	1.8
6	☐	1.000		1182943.22		P	0.6
7	☐	1.000		1188308.65		P	0.2
8	☐	1.000		1183842.71		P	0.7
9	☐	1.000		1112456.16		P	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1516669.32		P	1.0
2	☐	1.000					
3	☐	1.000		1501646.87		P	0.1
4	☐	1.000		1531891.40		P	0.8
5	☐	1.000		1573484.47		P	1.4
6	☐	1.000		1626986.80		M	0.5
7	☐	1.000		1650481.40		M	1.5
8	☐	1.000		1645149.20		M	1.6
9	☐	1.000		1499307.56		P	0.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		786337.45		P	2.5
2	☐	1.000					
3	☐	1.000		785501.76		P	0.2
4	☐	1.000		803838.80		P	0.7
5	☐	1.000		822415.73		P	1.6
6	☐	1.000		849745.12		P	0.2
7	☐	1.000		849287.04		P	0.2
8	☐	1.000		831339.96		P	0.4
9	☐	1.000		742830.34		P	0.5

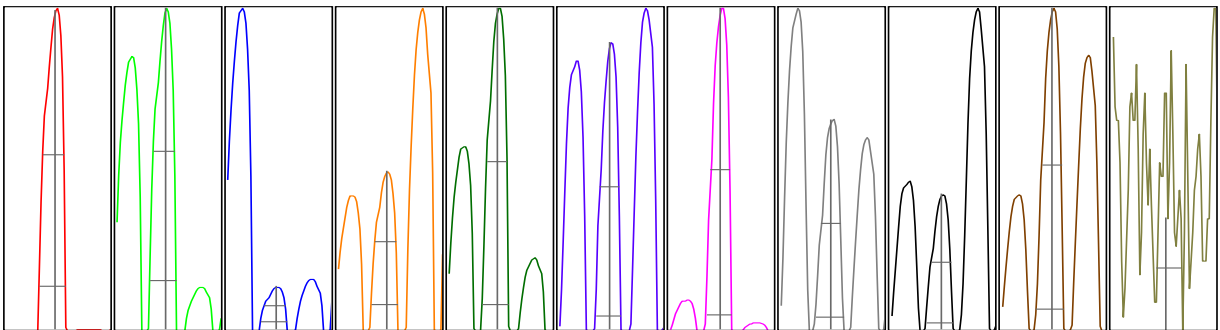
US EPA Tune Check Sample Report

Batch Folder D:\P8030519MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	3091	1.01	5.00	
24	42190	0.75	5.00	
25	5910	0.79	5.00	
26	7119	0.66	5.00	
59	34741	0.59	5.00	
113	3658	0.67	5.00	
115	43765	0.36	5.00	
206	6945	1.02	5.00	
207	6326	1.04	5.00	
208	14975	0.99	5.00	
220	1	11.71		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	3039	3092	3097	3105	3123
24	41684	42196	42157	42488	42423
25	5839	5890	5921	5951	5951
26	7100	7071	7141	7190	7093
59	34431	34685	34934	34917	34740
113	3638	3628	3660	3684	3679
115	43855	43667	43584	43986	43733
206	6840	6935	6952	7038	6959
207	6235	6288	6334	6370	6401
208	14772	14882	15018	15059	15144
220	1	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	5406	8.95	8.9 - 9.1		0.752	0.900	
24	73708	23.95	23.9 - 24.1		0.750	0.900	
25	10058	24.95	24.9 - 25.1		0.742	0.900	
26	11788	25.95	25.9 - 26.1		0.749	0.900	
59	62598	58.95	58.9 - 59.1		0.752	0.900	
113	7030	113.00	112.9 - 113.1		0.728	0.900	
115	82677	115.00	114.9 - 115.1		0.734	0.900	
206	12731	206.00	205.9 - 206.1		0.811	0.900	
207	11646	207.00	206.9 - 207.1		0.779	0.900	
208	27523	208.00	207.9 - 208.1		0.780	0.900	
220	1	220.10	-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.9	V	Deflect	15.0	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-120	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
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	7321	0.31	
89	3291	0.92	
205	6104	0.62	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	7343	7305	7292	7341	7326
89	3311	3284	3267	3259	3332
205	6086	6094	6099	6074	6170

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.9	V	Deflect	2.6	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-120	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
He Flow	5.0	mL/min	OctP RF	200	V			

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 11:40:40	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.69	4.07	-2.38	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	-0.03	-0.02	0.05	0.00	N/A	ppb
Barium	135-1	0.00	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Beryllium	9-1	-0.02	-0.02	0.03	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.12	-0.31	0.19	0.00	N/A	ppb
Boron	11-1	0.19	-0.09	-0.10	0.00	N/A	ppb
Cadmium	111-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Cadmium	106-1	-0.15	-0.02	0.17	0.00	N/A	ppb
Cadmium	108-1	-0.12	0.06	0.06	0.00	N/A	ppb
Calcium	43-1	2.06	-0.64	-1.42	0.00	N/A	ppb
Calcium	44-1	-1.75	1.48	0.27	0.00	N/A	ppb
Chromium	52-2	0.12	-0.02	-0.10	0.00	N/A	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.00	-0.01	0.02	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				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.84	-0.27	-0.57	0.00	N/A	ppb
Iron	57-2	-0.81	-1.19	2.01	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	-0.03	0.02	0.00	N/A	ppb
Lead	207-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	208-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.28	-1.20	-0.08	0.00	N/A	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 11:40:40	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	-0.02	0.06	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	-22.30	-2.92	-4.01	-9.74		ppb
Potassium	39-2	13.62	-1.35	-12.28	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.16	-0.14	0.30	0.00	N/A	ppb
Selenium	82-1	0.82	-0.81	-0.01	0.00	N/A	ppb
Silicon	28-1	-1.21	1.51	-0.30	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	4.68	-3.69	-0.99	0.00	N/A	ppb
Strontium	86-1	0.01	0.03	-0.04	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-522.79	36.85	-429.07	-305.00		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.01	0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	-0.01	0.00	0.00	N/A	ppb
Titanium	47-1	-0.04	0.06	-0.02	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				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.02	-0.10	0.08	0.00	N/A	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 11:40:40	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.02	-0.01	0.03	0.00	N/A	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 11:48:16	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.23	14.63	14.95	16.94	21.96	ppb
Antimony	121-1	1.81	1.84	1.70	1.78	4.21	ppb
Arsenic	75-1	0.98	1.00	0.88	0.95	6.56	ppb
Barium	135-1	9.66	9.48	9.89	9.68	2.13	ppb
Barium	137-1	9.49	9.70	9.45	9.55	1.39	ppb
Beryllium	9-1	0.95	0.95	1.06	0.99	6.14	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	25.43	27.35	23.18	25.32	8.26	ppb
Boron	11-1	23.31	25.43	24.21	24.32	4.39	ppb
Cadmium	111-1	0.85	0.84	0.86	0.85	0.95	ppb
Cadmium	106-1	0.81	-0.02	-0.66	0.04	1682.27	ppb
Cadmium	108-1	1.07	1.21	0.54	0.94	37.68	ppb
Calcium	43-1	465.65	464.70	456.63	462.33	1.07	ppb
Calcium	44-1	458.73	465.98	464.64	463.12	0.83	ppb
Chromium	52-2	1.93	2.06	2.14	2.04	5.33	ppb
Cobalt	59-2	1.00	0.89	0.88	0.92	6.75	ppb
Copper	63-2	1.84	1.94	1.92	1.90	2.77	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				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	51.10	49.72	49.92	50.25	1.48	ppb
Iron	57-2	47.35	56.23	48.70	50.76	9.43	ppb
Krypton	83-1						cps
Lead	206-1	0.82	0.92	0.83	0.86	6.44	ppb
Lead	207-1	0.91	0.90	0.88	0.90	1.57	ppb
Lead	208-1	0.88	0.90	0.88	0.88	1.27	ppb
Lithium	6-1				98		%
Magnesium	24-2	503.09	491.06	496.77	496.97	1.21	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 11:48:16	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.03	0.95	1.13	1.04	8.63	ppb
Molybdenum	94-1	4.60	4.57	4.62	4.60	0.60	ppb
Molybdenum	95-1	4.52	4.80	4.43	4.58	4.26	ppb
Molybdenum	96-1	4.69	4.78	4.62	4.70	1.64	ppb
Molybdenum	97-1	4.43	4.91	4.87	4.74	5.59	ppb
Molybdenum	98-1	4.62	4.74	4.82	4.73	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	0.94	0.86	0.95	9.70	ppb
Phosphorus	31-2	6.83	-12.90	35.30	9.74	248.73	ppb
Potassium	39-2	481.87	448.61	479.86	470.11	3.97	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	77-2	2.98	8.90	5.83	5.91	50.12	ppb
Selenium	78-2	5.63	2.72	5.01	4.45	34.45	ppb
Selenium	82-1	4.21	5.10	3.86	4.39	14.63	ppb
Silicon	28-1	15.67	13.44	13.61	14.24	8.70	ppb
Silver	109-1	0.99	1.08	1.00	1.02	4.39	ppb
Silver	107-1	1.05	1.00	0.97	1.01	4.43	ppb
Sodium	23-2	486.54	463.81	461.67	470.67	2.93	ppb
Strontium	86-1	0.79	0.61	0.68	0.69	13.30	ppb
Strontium	88-1	0.83	0.79	0.82	0.81	2.79	ppb
Sulfur	34-1	292.04	305.52	317.45	305.00	4.17	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.97	0.92	0.86	0.92	5.71	ppb
Thallium	205-1	0.84	0.92	0.84	0.87	5.40	ppb
Tin	118-1	5.00	5.21	4.91	5.04	3.01	ppb
Titanium	47-1	5.22	4.31	4.65	4.73	9.71	ppb
Uranium	238-1	0.91	0.91	0.85	0.89	4.03	ppb
Vanadium	51-2	4.94	4.88	4.83	4.88	1.08	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	1.84	1.76	2.05	1.88	7.99	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 11:48:16	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.92	0.94	0.86	0.91	4.55	ppb
Zirconium	91-1	0.86	0.96	0.94	0.92	5.78	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 11:52:13	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	969.63	976.07	982.39	976.03	0.65	ppb
Antimony	121-1	51.76	50.25	50.38	50.80	1.65	ppb
Arsenic	75-1	48.32	49.91	49.34	49.19	1.63	ppb
Barium	135-1	257.17	254.74	251.00	254.30	1.22	ppb
Barium	137-1	256.95	252.14	254.13	254.41	0.95	ppb
Beryllium	9-1	52.08	51.70	51.38	51.72	0.68	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	50.98	51.03	52.70	51.57	1.90	ppb
Boron	11-1	50.94	50.29	51.43	50.89	1.12	ppb
Cadmium	111-1	52.93	51.81	52.19	52.31	1.09	ppb
Cadmium	106-1	52.38	51.81	52.77	52.32	0.93	ppb
Cadmium	108-1	54.08	54.87	51.35	53.43	3.45	ppb
Calcium	43-1	4967.31	4974.20	4978.16	4973.22	0.11	ppb
Calcium	44-1	4975.96	4986.72	4963.08	4975.25	0.24	ppb
Chromium	52-2	50.56	51.30	52.19	51.35	1.58	ppb
Cobalt	59-2	49.77	50.08	51.68	50.51	2.03	ppb
Copper	63-2	101.37	101.53	105.53	102.81	2.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	2568.74	2557.70	2638.95	2588.46	1.70	ppb
Iron	57-2	2534.28	2538.73	2632.41	2568.47	2.16	ppb
Krypton	83-1						cps
Lead	206-1	50.07	50.22	49.88	50.06	0.34	ppb
Lead	207-1	49.20	48.63	49.69	49.17	1.07	ppb
Lead	208-1	49.85	49.53	49.71	49.69	0.32	ppb
Lithium	6-1				102		%
Magnesium	24-2	5152.03	5175.81	5238.70	5188.84	0.86	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 11:52:13	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	99.73	100.83	104.95	101.83	2.70	ppb
Molybdenum	94-1	255.28	250.82	253.58	253.23	0.89	ppb
Molybdenum	95-1	250.73	245.60	251.80	249.38	1.33	ppb
Molybdenum	96-1	252.65	246.88	250.48	250.00	1.17	ppb
Molybdenum	97-1	252.26	246.54	251.69	250.16	1.26	ppb
Molybdenum	98-1	253.34	249.60	252.17	251.70	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.98	50.76	52.92	51.55	2.31	ppb
Phosphorus	31-2	899.94	1098.36	1097.57	1031.96	11.08	ppb
Potassium	39-2	2505.47	2507.24	2541.62	2518.11	0.81	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	49.26	44.26	41.27	44.93	8.98	ppb
Selenium	78-2	52.62	48.85	49.27	50.24	4.11	ppb
Selenium	82-1	52.25	53.65	54.03	53.31	1.76	ppb
Silicon	28-1	67.79	68.93	67.42	68.05	1.15	ppb
Silver	109-1	52.86	51.86	51.88	52.20	1.10	ppb
Silver	107-1	52.21	52.14	53.28	52.54	1.22	ppb
Sodium	23-2	5012.59	5077.12	5180.41	5090.04	1.66	ppb
Strontium	86-1	49.89	49.53	50.73	50.05	1.23	ppb
Strontium	88-1	51.14	50.73	51.04	50.97	0.42	ppb
Sulfur	34-1	1018.39	819.20	1077.11	971.57	13.91	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	49.62	49.18	49.83	49.54	0.67	ppb
Thallium	205-1	49.99	50.09	50.08	50.05	0.11	ppb
Tin	118-1	52.05	51.42	51.34	51.60	0.76	ppb
Titanium	47-1	252.02	246.90	250.43	249.78	1.05	ppb
Uranium	238-1	49.39	48.53	49.28	49.07	0.95	ppb
Vanadium	51-2	49.98	49.97	51.22	50.39	1.42	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	100.73	101.46	107.50	103.23	3.60	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 11:52:13	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	50.15	50.87	51.02	50.68	0.92	ppb
Zirconium	91-1	49.13	49.57	50.64	49.78	1.56	ppb

LB Number : LB101168 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-05 11:56:10 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2492.17	2507.80	2441.86	2480.61	1.39	ppb
Antimony	121-1	126.95	123.19	126.02	125.39	1.56	ppb
Arsenic	75-1	124.36	123.01	122.21	123.19	0.88	ppb
Barium	135-1	640.47	614.37	632.03	628.96	2.12	ppb
Barium	137-1	644.04	625.31	635.22	634.86	1.48	ppb
Beryllium	9-1	128.29	128.71	131.23	129.41	1.23	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	128.97	125.19	132.10	128.75	2.69	ppb
Boron	11-1	126.68	126.06	129.40	127.38	1.40	ppb
Cadmium	111-1	132.76	128.96	130.48	130.73	1.46	ppb
Cadmium	106-1	136.97	127.42	129.77	131.39	3.79	ppb
Cadmium	108-1	134.39	128.00	133.37	131.92	2.60	ppb
Calcium	43-1	12406.53	12320.99	12210.81	12312.78	0.80	ppb
Calcium	44-1	12588.73	12448.66	12181.33	12406.24	1.67	ppb
Chromium	52-2	131.19	128.13	125.46	128.26	2.24	ppb
Cobalt	59-2	129.59	127.90	124.75	127.41	1.93	ppb
Copper	63-2	264.57	259.52	255.97	260.02	1.66	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				104		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	6690.88	6590.30	6413.13	6564.77	2.14	ppb
Iron	57-2	6711.75	6570.11	6297.42	6526.43	3.23	ppb
Krypton	83-1						cps
Lead	206-1	127.51	124.06	123.23	124.94	1.82	ppb
Lead	207-1	123.61	122.01	122.95	122.86	0.65	ppb
Lead	208-1	125.30	122.65	123.30	123.75	1.12	ppb
Lithium	6-1				105		%
Magnesium	24-2	13340.62	13004.81	12693.25	13012.89	2.49	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 11:56:10	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	259.58	256.31	248.49	254.80	2.24	ppb
Molybdenum	94-1	629.97	628.59	631.40	629.99	0.22	ppb
Molybdenum	95-1	619.79	619.95	629.14	622.96	0.86	ppb
Molybdenum	96-1	635.22	647.08	637.52	639.94	0.98	ppb
Molybdenum	97-1	627.02	627.38	620.47	624.96	0.62	ppb
Molybdenum	98-1	629.96	641.23	637.69	636.29	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.08	129.74	128.50	130.44	1.81	ppb
Phosphorus	31-2	2526.89	2664.16	2437.99	2543.02	4.48	ppb
Potassium	39-2	6377.52	6320.83	6221.68	6306.68	1.25	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	100.98	133.06	146.66	126.90	18.48	ppb
Selenium	78-2	116.20	119.41	125.94	120.52	4.12	ppb
Selenium	82-1	126.47	130.57	129.66	128.90	1.67	ppb
Silicon	28-1	168.84	164.18	160.43	164.48	2.56	ppb
Silver	109-1	131.10	128.21	128.84	129.39	1.17	ppb
Silver	107-1	130.61	127.67	129.77	129.35	1.17	ppb
Sodium	23-2	13385.36	13119.93	13140.41	13215.23	1.12	ppb
Strontium	86-1	125.08	125.00	124.29	124.79	0.35	ppb
Strontium	88-1	129.58	128.94	128.40	128.97	0.46	ppb
Sulfur	34-1	2342.18	1883.80	1500.39	1908.79	22.08	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	125.80	125.30	122.57	124.55	1.40	ppb
Thallium	205-1	128.37	124.48	123.56	125.47	2.03	ppb
Tin	118-1	128.16	125.63	127.05	126.95	1.00	ppb
Titanium	47-1	626.26	618.34	613.13	619.24	1.07	ppb
Uranium	238-1	124.77	123.40	123.14	123.77	0.71	ppb
Vanadium	51-2	129.04	127.52	123.85	126.80	2.11	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	262.08	257.13	251.00	256.74	2.16	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 11:56:10	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	127.75	127.76	126.63	127.38	0.51	ppb
Zirconium	91-1	125.53	127.19	125.50	126.08	0.77	ppb

LB Number : LB101168 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-05 12:00:03 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4857.41	4931.37	4820.82	4869.87	1.16	ppb
Antimony	121-1	249.34	253.07	248.32	250.24	1.00	ppb
Arsenic	75-1	243.24	244.21	249.76	245.73	1.43	ppb
Barium	135-1	1238.74	1260.19	1238.91	1245.95	0.99	ppb
Barium	137-1	1269.17	1291.20	1261.68	1274.02	1.20	ppb
Beryllium	9-1	254.43	255.61	251.99	254.01	0.73	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Boron	10-1	242.97	253.61	249.33	248.63	2.15	ppb
Boron	11-1	246.05	252.81	253.41	250.75	1.63	ppb
Cadmium	111-1	255.77	258.05	255.95	256.59	0.50	ppb
Cadmium	106-1	257.52	247.05	263.57	256.05	3.27	ppb
Cadmium	108-1	259.03	259.03	252.75	256.94	1.41	ppb
Calcium	43-1	24459.52	24671.37	25222.22	24784.37	1.59	ppb
Calcium	44-1	24458.85	24508.52	25292.09	24753.15	1.89	ppb
Chromium	52-2	252.45	254.24	254.30	253.67	0.42	ppb
Cobalt	59-2	251.09	253.22	253.37	252.56	0.50	ppb
Copper	63-2	515.53	515.42	511.18	514.04	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	12767.44	12861.00	12850.17	12826.20	0.40	ppb
Iron	57-2	12767.03	12931.08	12901.26	12866.45	0.68	ppb
Krypton	83-1						cps
Lead	206-1	248.95	249.33	248.63	248.97	0.14	ppb
Lead	207-1	245.50	244.85	246.79	245.72	0.40	ppb
Lead	208-1	246.74	244.19	247.28	246.07	0.67	ppb
Lithium	6-1				110		%
Magnesium	24-2	25990.27	25900.75	25870.86	25920.63	0.24	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:00:03	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	508.00	514.42	514.71	512.38	0.74	ppb
Molybdenum	94-1	1255.31	1270.90	1283.59	1269.93	1.12	ppb
Molybdenum	95-1	1269.25	1282.05	1279.10	1276.80	0.53	ppb
Molybdenum	96-1	1261.29	1254.65	1287.53	1267.83	1.37	ppb
Molybdenum	97-1	1254.87	1269.39	1297.45	1273.90	1.70	ppb
Molybdenum	98-1	1246.14	1272.56	1292.47	1270.39	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	256.44	260.61	257.39	258.15	0.85	ppb
Phosphorus	31-2	5114.77	5119.03	5210.73	5148.18	1.05	ppb
Potassium	39-2	12553.28	12587.17	12460.30	12533.58	0.52	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	233.56	257.66	218.30	236.51	8.39	ppb
Selenium	78-2	264.34	253.65	231.12	249.70	6.79	ppb
Selenium	82-1	251.96	255.08	259.05	255.36	1.39	ppb
Silicon	28-1	252.74	254.43	270.89	259.35	3.87	ppb
Silver	109-1	250.56	254.60	253.13	252.76	0.81	ppb
Silver	107-1	253.74	257.25	253.48	254.82	0.83	ppb
Sodium	23-2	25594.15	25958.32	26089.22	25880.57	0.99	ppb
Strontium	86-1	246.97	250.46	250.30	249.24	0.79	ppb
Strontium	88-1	251.19	253.39	258.73	254.43	1.52	ppb
Sulfur	34-1	3945.18	3949.54	4590.45	4161.72	8.92	ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	249.08	246.55	247.56	247.73	0.52	ppb
Thallium	205-1	249.38	250.08	252.07	250.51	0.56	ppb
Tin	118-1	250.92	256.92	251.69	253.17	1.29	ppb
Titanium	47-1	1239.38	1235.97	1261.68	1245.68	1.12	ppb
Uranium	238-1	251.26	248.22	257.32	252.27	1.84	ppb
Vanadium	51-2	251.67	250.51	250.35	250.84	0.29	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	515.83	518.63	517.04	517.17	0.27	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:00:03	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	250.89	253.74	253.75	252.79	0.65	ppb
Zirconium	91-1	244.69	246.30	246.85	245.94	0.46	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:03:51	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9500.25	9712.87	9517.94	9577.02	1.23	ppb
Antimony	121-1	502.71	509.47	499.67	503.95	1.00	ppb
Arsenic	75-1	490.88	482.76	485.70	486.45	0.84	ppb
Barium	135-1	2503.55	2554.34	2485.20	2514.36	1.42	ppb
Barium	137-1	2533.24	2522.62	2488.42	2514.76	0.93	ppb
Beryllium	9-1	508.13	496.00	495.23	499.79	1.45	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Boron	10-1	495.13	494.19	495.55	494.96	0.14	ppb
Boron	11-1	496.11	491.43	495.89	494.48	0.53	ppb
Cadmium	111-1	505.79	508.04	502.60	505.48	0.54	ppb
Cadmium	106-1	497.91	497.70	501.75	499.12	0.46	ppb
Cadmium	108-1	499.54	506.94	494.63	500.37	1.24	ppb
Calcium	43-1	49436.76	48907.85	48218.59	48854.40	1.25	ppb
Calcium	44-1	49353.40	48560.54	48382.35	48765.43	1.06	ppb
Chromium	52-2	491.18	501.81	495.70	496.23	1.08	ppb
Cobalt	59-2	487.34	499.44	489.98	492.25	1.29	ppb
Copper	63-2	987.99	1001.15	991.34	993.50	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	25059.68	25182.24	25060.94	25100.95	0.28	ppb
Iron	57-2	24961.76	25382.84	25178.81	25174.47	0.84	ppb
Krypton	83-1						cps
Lead	206-1	477.40	500.20	498.59	492.06	2.59	ppb
Lead	207-1	479.26	496.13	492.93	489.44	1.83	ppb
Lead	208-1	488.96	504.24	504.78	499.33	1.80	ppb
Lithium	6-1				112		%
Magnesium	24-2	49796.92	51113.19	50873.26	50594.46	1.39	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:03:51	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	984.43	995.57	987.70	989.23	0.58	ppb
Molybdenum	94-1	2522.04	2502.49	2501.09	2508.54	0.47	ppb
Molybdenum	95-1	2529.51	2509.71	2500.76	2513.33	0.59	ppb
Molybdenum	96-1	2511.32	2505.19	2520.10	2512.20	0.30	ppb
Molybdenum	97-1	2557.05	2505.96	2492.75	2518.59	1.35	ppb
Molybdenum	98-1	2525.67	2467.39	2489.56	2494.21	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.33	504.54	503.81	502.23	0.68	ppb
Phosphorus	31-2	9751.79	10155.47	10122.65	10009.97	2.24	ppb
Potassium	39-2	24107.30	24706.86	24293.66	24369.27	1.26	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	509.20	473.09	485.11	489.13	3.76	ppb
Selenium	78-2	504.55	492.84	515.59	504.33	2.26	ppb
Selenium	82-1	512.47	502.81	497.12	504.13	1.54	ppb
Silicon	28-1	517.82	516.26	513.38	515.82	0.44	ppb
Silver	109-1	513.00	506.23	508.17	509.14	0.69	ppb
Silver	107-1	511.20	506.53	504.00	507.24	0.72	ppb
Sodium	23-2	49455.74	50143.16	49359.89	49652.93	0.86	ppb
Strontium	86-1	500.07	496.86	490.18	495.70	1.02	ppb
Strontium	88-1	500.23	504.93	500.04	501.74	0.55	ppb
Sulfur	34-1	9570.58	9097.89	9223.53	9297.34	2.63	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	484.16	495.95	493.88	491.33	1.28	ppb
Thallium	205-1	490.47	515.52	513.41	506.47	2.74	ppb
Tin	118-1	506.72	501.86	491.10	499.89	1.60	ppb
Titanium	47-1	2539.24	2514.21	2507.99	2520.48	0.66	ppb
Uranium	238-1	499.69	514.60	513.00	509.10	1.61	ppb
Vanadium	51-2	492.42	498.96	495.90	495.76	0.66	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	990.91	1003.86	1005.49	1000.09	0.80	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:03:51	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	510.86	507.68	503.47	507.34	0.73	ppb
Zirconium	91-1	500.01	496.22	496.77	497.67	0.41	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:07:34	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19325.72	19321.19	19079.94	19242.28	0.73	ppb
Antimony	121-1	1003.44	989.42	1000.77	997.88	0.75	ppb
Arsenic	75-1	1011.81	1004.30	1008.22	1008.11	0.37	ppb
Barium	135-1	5052.44	4968.95	4957.98	4993.12	1.03	ppb
Barium	137-1	5017.32	5003.66	4934.51	4985.17	0.89	ppb
Beryllium	9-1	1000.43	998.66	996.31	998.47	0.21	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	993.08	1014.42	999.43	1002.31	1.09	ppb
Boron	11-1	995.89	1006.72	1004.13	1002.25	0.56	ppb
Cadmium	111-1	1006.31	992.74	985.30	994.78	1.07	ppb
Cadmium	106-1	1005.34	999.91	988.79	998.01	0.85	ppb
Cadmium	108-1	999.38	993.12	998.64	997.04	0.34	ppb
Calcium	43-1	99839.91	101620.03	99444.23	100301.39	1.16	ppb
Calcium	44-1	98064.90	98338.05	98088.31	98163.75	0.15	ppb
Chromium	52-2	994.75	1008.01	998.72	1000.49	0.68	ppb
Cobalt	59-2	996.46	1014.23	998.03	1002.91	0.98	ppb
Copper	63-2	2007.63	2007.04	1980.37	1998.35	0.78	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				110		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	50383.47	51006.40	50052.67	50480.85	0.96	ppb
Iron	57-2	50155.94	50846.11	50388.42	50463.49	0.70	ppb
Krypton	83-1						cps
Lead	206-1	1024.85	997.52	990.33	1004.23	1.81	ppb
Lead	207-1	1018.13	1001.08	1000.77	1006.66	0.99	ppb
Lead	208-1	1014.69	1000.25	989.52	1001.49	1.26	ppb
Lithium	6-1				109		%
Magnesium	24-2	100177.50	100221.76	100685.31	100361.52	0.28	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:07:34	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1995.28	2014.97	1994.55	2001.60	0.58	ppb
Molybdenum	94-1	5007.31	4961.17	5001.41	4989.96	0.50	ppb
Molybdenum	95-1	4984.50	4934.91	5041.36	4986.92	1.07	ppb
Molybdenum	96-1	4976.46	4971.91	5014.35	4987.58	0.47	ppb
Molybdenum	97-1	4985.11	4958.00	5011.08	4984.73	0.53	ppb
Molybdenum	98-1	4947.43	4978.33	5063.15	4996.30	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	998.64	1001.46	988.18	996.09	0.70	ppb
Phosphorus	31-2	20360.00	19856.05	19636.94	19951.00	1.86	ppb
Potassium	39-2	49415.67	49662.44	49476.55	49518.22	0.26	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	1003.64	1068.83	954.00	1008.82	5.71	ppb
Selenium	78-2	1016.17	1001.14	978.07	998.46	1.92	ppb
Selenium	82-1	989.92	996.85	1001.06	995.94	0.56	ppb
Silicon	28-1	985.72	993.28	972.61	983.87	1.06	ppb
Silver	109-1	996.05	996.24	989.96	994.08	0.36	ppb
Silver	107-1	998.17	979.17	1006.17	994.50	1.39	ppb
Sodium	23-2	99917.82	99283.69	99517.27	99572.93	0.32	ppb
Strontium	86-1	1006.76	1001.20	999.13	1002.36	0.39	ppb
Strontium	88-1	997.29	997.30	997.84	997.48	0.03	ppb
Sulfur	34-1	20705.66	21075.82	20127.19	20636.22	2.32	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	1023.18	995.94	995.83	1004.98	1.57	ppb
Thallium	205-1	1010.12	995.38	984.23	996.58	1.30	ppb
Tin	118-1	1014.37	979.27	1003.16	998.94	1.79	ppb
Titanium	47-1	5013.07	4987.86	4973.79	4991.57	0.40	ppb
Uranium	238-1	1006.15	997.45	981.65	995.09	1.25	ppb
Vanadium	51-2	999.96	999.39	1005.65	1001.67	0.35	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	1986.76	2005.91	1991.31	1994.66	0.50	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:07:34	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1001.93	989.61	994.37	995.30	0.62	ppb
Zirconium	91-1	1009.11	995.25	1001.80	1002.06	0.69	ppb

LB Number : LB101168 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-05 12:11:08 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99884.06	100233.82	100485.34	100201.07	0.30	ppb
Antimony	121-1	1.36	1.37	1.33	1.35	1.83	ppb
Arsenic	75-1	1.47	1.43	1.40	1.44	2.44	ppb
Barium	135-1	0.58	0.67	0.43	0.56	22.04	ppb
Barium	137-1	0.42	0.52	0.46	0.47	10.09	ppb
Beryllium	9-1	0.26	0.18	0.21	0.22	18.09	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Boron	10-1	19.66	20.94	17.63	19.41	8.61	ppb
Boron	11-1	20.45	18.61	17.25	18.77	8.56	ppb
Cadmium	111-1	0.19	0.06	0.08	0.11	64.65	ppb
Cadmium	106-1	1.61	-0.17	0.13	0.53	181.24	ppb
Cadmium	108-1	0.05	-0.06	0.11	0.03	274.06	ppb
Calcium	43-1	489063.45	502408.19	508738.51	500070.05	2.01	ppb
Calcium	44-1	487200.20	503404.40	510912.43	500505.68	2.42	ppb
Chromium	52-2	6.53	6.51	6.78	6.61	2.29	ppb
Cobalt	59-2	11.31	11.41	11.15	11.29	1.17	ppb
Copper	63-2	2.69	2.61	2.54	2.61	2.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	249660.01	251484.86	248461.14	249868.67	0.61	ppb
Iron	57-2	250951.36	251489.91	247150.55	249863.94	0.95	ppb
Krypton	83-1						cps
Lead	206-1	1.56	1.43	1.54	1.51	4.66	ppb
Lead	207-1	1.30	1.48	1.47	1.42	7.30	ppb
Lead	208-1	1.39	1.47	1.45	1.44	2.98	ppb
Lithium	6-1				109		%
Magnesium	24-2	497243.36	502073.82	500105.35	499807.51	0.49	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:11:08	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.09	7.25	6.66	7.00	4.40	ppb
Molybdenum	94-1	1.78	1.78	1.91	1.83	4.17	ppb
Molybdenum	95-1	2.00	2.28	2.20	2.16	6.51	ppb
Molybdenum	96-1	2.44	2.41	2.39	2.41	1.03	ppb
Molybdenum	97-1	2.14	2.29	2.25	2.23	3.46	ppb
Molybdenum	98-1	2.00	2.12	2.09	2.07	2.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.13	12.34	12.21	12.23	0.87	ppb
Phosphorus	31-2	-22.54	-12.96	-22.57	-19.36		ppb
Potassium	39-2	249330.83	251625.85	249511.95	250156.21	0.51	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	2.89	0.96	173.21	ppb
Selenium	78-2	0.77	0.78	2.16	1.24	64.74	ppb
Selenium	82-1	0.70	-0.53	0.08	0.09	718.99	ppb
Silicon	28-1	53.24	59.55	59.54	57.44	6.34	ppb
Silver	109-1	0.12	0.12	0.13	0.12	4.57	ppb
Silver	107-1	0.10	0.11	0.11	0.10	7.37	ppb
Sodium	23-2	498655.02	497796.05	503720.95	500057.34	0.64	ppb
Strontium	86-1	3.74	3.91	3.72	3.79	2.84	ppb
Strontium	88-1	3.60	3.71	3.66	3.66	1.52	ppb
Sulfur	34-1	-2446.50	-1737.42	-1251.20	-1811.70		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.17	0.10	0.09	0.12	35.26	ppb
Thallium	205-1	0.13	0.10	0.11	0.11	12.33	ppb
Tin	118-1	0.51	0.54	0.51	0.52	2.78	ppb
Titanium	47-1	0.70	0.65	0.88	0.75	16.05	ppb
Uranium	238-1	0.04	0.03	0.03	0.04	14.94	ppb
Vanadium	51-2	0.12	0.13	0.09	0.12	17.27	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	10.95	10.38	9.82	10.38	5.48	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:11:08	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.21	0.23	0.21	0.22	6.17	ppb
Zirconium	91-1	0.19	0.25	0.26	0.23	15.85	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:19:30	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	477.68	517.41	500.52	498.54	4.00	ppb
Antimony	121-1	198.77	198.84	199.71	199.11	0.26	ppb
Arsenic	75-1	192.18	194.33	193.89	193.47	0.59	ppb
Barium	135-1	100.27	102.36	102.48	101.71	1.22	ppb
Barium	137-1	101.34	100.99	103.70	102.01	1.45	ppb
Beryllium	9-1	102.81	103.62	104.50	103.65	0.81	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	6.37	7.44	8.84	7.55	16.43	ppb
Boron	11-1	6.55	6.05	6.08	6.23	4.44	ppb
Cadmium	111-1	102.80	102.91	104.60	103.44	0.97	ppb
Cadmium	106-1	90.42	94.27	85.64	90.11	4.80	ppb
Cadmium	108-1	94.70	97.00	95.19	95.63	1.27	ppb
Calcium	43-1	1981.55	1985.80	1967.50	1978.28	0.48	ppb
Calcium	44-1	2001.40	1993.06	1988.50	1994.32	0.33	ppb
Chromium	52-2	94.98	101.23	101.22	99.14	3.63	ppb
Cobalt	59-2	97.14	101.93	100.71	99.93	2.49	ppb
Copper	63-2	98.89	103.30	103.17	101.78	2.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	985.99	1028.54	1022.45	1012.32	2.27	ppb
Iron	57-2	1000.12	1022.50	1059.49	1027.37	2.92	ppb
Krypton	83-1						cps
Lead	206-1	205.76	202.83	201.99	203.53	0.97	ppb
Lead	207-1	192.82	191.14	192.87	192.27	0.51	ppb
Lead	208-1	197.48	197.02	197.02	197.17	0.13	ppb
Lithium	6-1				95		%
Magnesium	24-2	1160.97	1218.16	1255.96	1211.69	3.95	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:19:30	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	96.83	101.13	100.06	99.34	2.25	ppb
Molybdenum	94-1	0.21	0.19	0.24	0.22	11.26	ppb
Molybdenum	95-1	0.22	0.30	0.28	0.27	14.64	ppb
Molybdenum	96-1	0.22	0.26	0.22	0.23	11.80	ppb
Molybdenum	97-1	0.27	0.18	0.25	0.23	20.19	ppb
Molybdenum	98-1	0.24	0.21	0.22	0.22	7.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.39	103.37	103.48	101.74	2.86	ppb
Phosphorus	31-2	-13.98	6.11	-3.53	-3.80		ppb
Potassium	39-2	1989.33	2085.66	2077.81	2050.93	2.61	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	185.26	217.68	196.15	199.70	8.26	ppb
Selenium	78-2	193.99	191.69	198.08	194.59	1.66	ppb
Selenium	82-1	206.63	205.23	199.87	203.91	1.75	ppb
Silicon	28-1	-7.52	-10.01	-6.79	-8.10		ppb
Silver	109-1	103.97	104.98	105.45	104.80	0.72	ppb
Silver	107-1	102.90	105.07	105.04	104.34	1.19	ppb
Sodium	23-2	2052.14	2141.01	2092.25	2095.13	2.12	ppb
Strontium	86-1	1.96	1.65	1.77	1.79	8.90	ppb
Strontium	88-1	2.00	1.97	2.12	2.03	4.08	ppb
Sulfur	34-1	-2432.84	-2741.85	-2291.66	-2488.78		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	201.00	199.50	199.15	199.89	0.49	ppb
Thallium	205-1	204.31	203.31	203.86	203.82	0.25	ppb
Tin	118-1	0.00	0.09	0.08	0.06	82.88	ppb
Titanium	47-1	-0.12	-0.05	0.05	-0.04		ppb
Uranium	238-1	0.02	0.03	0.01	0.02	38.98	ppb
Vanadium	51-2	95.28	99.78	99.62	98.22	2.60	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	201.59	209.99	206.04	205.87	2.04	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:19:30	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.00	0.01	109.37	ppb
Zirconium	91-1	0.15	0.12	0.12	0.13	12.99	ppb

LB Number : LB101168 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-05 12:26:59 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.55	-0.71	-2.02	-0.06		ppb
Antimony	121-1	0.09	0.13	0.13	0.12	21.04	ppb
Arsenic	75-1	0.11	0.03	-0.01	0.05	129.93	ppb
Barium	135-1	-0.05	-0.03	-0.06	-0.04		ppb
Barium	137-1	-0.02	0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.07	0.06	0.07	0.07	12.02	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	3.61	4.96	4.07	4.22	16.29	ppb
Boron	11-1	3.18	3.33	3.26	3.26	2.35	ppb
Cadmium	111-1	-0.03	-0.06	-0.05	-0.05		ppb
Cadmium	106-1	-0.37	-0.84	-0.96	-0.72		ppb
Cadmium	108-1	0.00	0.12	0.12	0.08	84.67	ppb
Calcium	43-1	-2.11	0.60	0.87	-0.21		ppb
Calcium	44-1	8.33	7.98	9.76	8.69	10.87	ppb
Chromium	52-2	0.00	0.09	-0.08	0.00	3071.56	ppb
Cobalt	59-2	0.00	0.01	0.02	0.01	96.22	ppb
Copper	63-2	0.11	0.06	0.03	0.07	56.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	-0.07	0.26	-0.27	-0.03		ppb
Iron	57-2	1.35	0.52	0.34	0.74	72.72	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.14	0.16	0.14	6.81	ppb
Lead	207-1	0.19	0.15	0.15	0.17	13.85	ppb
Lead	208-1	0.15	0.15	0.15	0.15	0.62	ppb
Lithium	6-1				94		%
Magnesium	24-2	0.69	-0.10	-0.74	-0.05		ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:26:59	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.01	0.02	0.01	151.28	ppb
Molybdenum	94-1	0.00	0.03	0.07	0.04	95.11	ppb
Molybdenum	95-1	0.05	0.04	0.02	0.04	48.65	ppb
Molybdenum	96-1	0.03	0.02	0.02	0.02	37.15	ppb
Molybdenum	97-1	0.00	-0.04	0.00	-0.01		ppb
Molybdenum	98-1	0.02	0.03	0.02	0.02	33.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.02	-0.03	-0.05		ppb
Phosphorus	31-2	-3.15	-22.28	15.96	-3.16		ppb
Potassium	39-2	44.48	42.89	10.01	32.46	59.94	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	0.00	5.92	0.00	1.97	173.21	ppb
Selenium	78-2	-0.63	-0.16	0.32	-0.16		ppb
Selenium	82-1	2.75	-0.54	-0.47	0.58	324.72	ppb
Silicon	28-1	-11.04	-11.96	-9.22	-10.74		ppb
Silver	109-1	0.05	0.03	0.04	0.04	21.76	ppb
Silver	107-1	0.04	0.04	0.02	0.03	24.31	ppb
Sodium	23-2	66.64	70.52	66.47	67.88	3.38	ppb
Strontium	86-1	-0.18	-0.10	-0.13	-0.14		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1777.04	-2013.88	-1758.37	-1849.76		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.01	-0.01	0.00	0.00	339.58	ppb
Thallium	205-1	0.01	-0.01	0.00	0.00	485.15	ppb
Tin	118-1	0.00	0.03	-0.02	0.00	640.36	ppb
Titanium	47-1	-0.18	-0.01	-0.10	-0.09		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	135.55	ppb
Vanadium	51-2	0.00	-0.01	0.00	-0.01		ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.26	0.12	0.26	0.21	39.00	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:26:59	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	-0.01	0.01	0.00		ppb
Zirconium	91-1	-0.01	0.04	0.02	0.02	165.90	ppb

LB Number : LB101168 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-05 12:30:34 DataFile Name : 014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87718.49	88647.05	86355.12	87573.55	1.32	ppb
Antimony	121-1	1.13	1.18	1.21	1.17	3.71	ppb
Arsenic	75-1	1.87	1.85	1.71	1.81	4.71	ppb
Barium	135-1	1.81	1.58	1.40	1.60	12.71	ppb
Barium	137-1	1.57	1.29	1.39	1.42	9.94	ppb
Beryllium	9-1	0.37	0.36	0.27	0.33	15.67	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	3.83	2.79	3.56	3.39	15.95	ppb
Boron	11-1	3.60	3.62	3.52	3.58	1.45	ppb
Cadmium	111-1	0.25	0.41	0.30	0.32	25.94	ppb
Cadmium	106-1	-0.70	-0.53	-0.66	-0.63		ppb
Cadmium	108-1	10.38	7.95	10.40	9.58	14.70	ppb
Calcium	43-1	96054.83	99295.55	98550.04	97966.81	1.73	ppb
Calcium	44-1	96283.90	96756.81	96175.98	96405.56	0.32	ppb
Chromium	52-2	20.32	20.04	20.12	20.16	0.71	ppb
Cobalt	59-2	1.22	1.24	1.18	1.21	2.52	ppb
Copper	63-2	8.24	8.48	7.88	8.20	3.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	99159.51	100932.88	97823.91	99305.43	1.57	ppb
Iron	57-2	101946.81	102107.42	100256.85	101437.03	1.01	ppb
Krypton	83-1						cps
Lead	206-1	4.99	5.04	5.01	5.01	0.51	ppb
Lead	207-1	4.41	4.27	4.14	4.27	3.16	ppb
Lead	208-1	4.53	4.56	4.49	4.53	0.75	ppb
Lithium	6-1				94		%
Magnesium	24-2	100067.13	101251.63	97781.10	99699.95	1.77	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:30:34	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.88	8.02	7.38	7.76	4.32	ppb
Molybdenum	94-1	1309.94	1325.20	1299.44	1311.53	0.99	ppb
Molybdenum	95-1	1810.68	1857.04	1825.71	1831.14	1.29	ppb
Molybdenum	96-1	1759.51	1803.69	1793.17	1785.46	1.29	ppb
Molybdenum	97-1	1845.33	1859.24	1842.40	1848.99	0.49	ppb
Molybdenum	98-1	1807.48	1841.76	1840.98	1830.08	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.48	5.45	5.47	5.47	0.32	ppb
Phosphorus	31-2	98376.85	98801.15	96122.72	97766.91	1.47	ppb
Potassium	39-2	98563.24	99851.35	96950.96	98455.18	1.48	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	2.99	0.00	0.00	1.00	173.21	ppb
Selenium	78-2	0.33	0.80	0.32	0.48	56.51	ppb
Selenium	82-1	-0.33	0.44	1.56	0.55	171.99	ppb
Silicon	28-1	26.39	25.29	25.58	25.76	2.21	ppb
Silver	109-1	0.28	0.29	0.32	0.30	6.39	ppb
Silver	107-1	0.25	0.29	0.30	0.28	8.62	ppb
Sodium	23-2	100001.65	100738.23	97190.47	99310.12	1.89	ppb
Strontium	86-1	28.51	29.15	30.39	29.35	3.26	ppb
Strontium	88-1	29.51	29.22	29.44	29.39	0.52	ppb
Sulfur	34-1	81398.40	82819.78	81929.62	82049.27	0.88	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.09	0.06	0.04	0.06	41.44	ppb
Thallium	205-1	0.10	0.08	0.06	0.08	20.88	ppb
Tin	118-1	0.17	0.15	0.14	0.15	11.01	ppb
Titanium	47-1	1954.66	1943.41	1951.66	1949.91	0.30	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	7.19	ppb
Vanadium	51-2	0.15	0.17	0.13	0.15	13.27	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	11.86	13.11	12.49	12.49	4.99	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:30:34	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.03	0.02	50.55	ppb
Zirconium	91-1	0.02	0.06	0.01	0.03	108.38	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:34:02	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86660.28	87213.22	88223.38	87365.62	0.91	ppb
Antimony	121-1	21.18	20.80	20.55	20.84	1.53	ppb
Arsenic	75-1	20.62	20.68	20.68	20.66	0.16	ppb
Barium	135-1	22.51	22.26	20.63	21.80	4.69	ppb
Barium	137-1	21.74	21.88	20.87	21.49	2.55	ppb
Beryllium	9-1	20.38	21.03	21.02	20.81	1.80	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	69.54	67.73	68.76	68.68	1.32	ppb
Boron	11-1	67.47	69.34	69.05	68.62	1.47	ppb
Cadmium	111-1	20.58	19.81	20.16	20.18	1.91	ppb
Cadmium	106-1	25.58	21.91	24.15	23.88	7.74	ppb
Cadmium	108-1	33.55	32.74	31.20	32.50	3.68	ppb
Calcium	43-1	95954.07	98568.53	96572.95	97031.85	1.41	ppb
Calcium	44-1	95105.97	96331.64	96169.01	95868.87	0.69	ppb
Chromium	52-2	39.35	39.52	39.76	39.55	0.53	ppb
Cobalt	59-2	20.24	20.90	21.28	20.81	2.54	ppb
Copper	63-2	28.67	28.03	28.76	28.49	1.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	98827.98	98159.30	98876.63	98621.31	0.41	ppb
Iron	57-2	101296.53	100360.58	100807.13	100821.41	0.46	ppb
Krypton	83-1						cps
Lead	206-1	25.55	25.45	25.45	25.48	0.23	ppb
Lead	207-1	22.77	22.53	23.33	22.88	1.79	ppb
Lead	208-1	23.86	23.67	23.94	23.83	0.58	ppb
Lithium	6-1				95		%
Magnesium	24-2	98267.50	99056.85	100121.34	99148.56	0.94	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:34:02	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.58	27.67	28.11	27.78	1.03	ppb
Molybdenum	94-1	1458.35	1423.05	1447.85	1443.08	1.26	ppb
Molybdenum	95-1	1894.96	1871.94	1892.07	1886.32	0.66	ppb
Molybdenum	96-1	1844.03	1837.29	1844.59	1841.97	0.22	ppb
Molybdenum	97-1	1932.02	1905.30	1916.81	1918.04	0.70	ppb
Molybdenum	98-1	1885.17	1884.25	1886.26	1885.23	0.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.91	25.06	25.90	25.29	2.10	ppb
Phosphorus	31-2	97825.29	97965.17	95768.70	97186.39	1.27	ppb
Potassium	39-2	98548.11	96167.52	97850.61	97522.08	1.25	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	14.50	26.39	23.75	21.54	28.99	ppb
Selenium	78-2	16.66	19.22	20.42	18.77	10.24	ppb
Selenium	82-1	20.31	19.94	18.73	19.66	4.21	ppb
Silicon	28-1	92.60	96.81	96.73	95.38	2.53	ppb
Silver	109-1	18.97	19.16	18.58	18.90	1.58	ppb
Silver	107-1	19.44	19.55	18.95	19.31	1.66	ppb
Sodium	23-2	98222.08	98844.98	99957.25	99008.10	0.89	ppb
Strontium	86-1	80.76	82.20	81.77	81.58	0.90	ppb
Strontium	88-1	82.97	82.85	82.38	82.73	0.38	ppb
Sulfur	34-1	79728.86	80298.97	81297.29	80441.71	0.99	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	20.07	20.55	19.64	20.09	2.27	ppb
Thallium	205-1	20.30	20.18	20.32	20.27	0.39	ppb
Tin	118-1	62.98	63.37	62.03	62.79	1.10	ppb
Titanium	47-1	1949.06	2016.85	2036.76	2000.89	2.30	ppb
Uranium	238-1	63.58	63.27	61.85	62.90	1.47	ppb
Vanadium	51-2	19.26	19.50	19.34	19.37	0.64	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	32.81	33.53	34.00	33.45	1.80	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:34:02	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	63.74	62.99	63.32	63.35	0.60	ppb
Zirconium	91-1	63.43	63.15	63.20	63.26	0.24	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:37:30	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52474.15	52689.91	52759.03	52641.03	0.28	ppb
Antimony	121-1	523.69	512.97	529.86	522.17	1.64	ppb
Arsenic	75-1	493.68	498.77	500.62	497.69	0.72	ppb
Barium	135-1	2634.52	2603.64	2660.07	2632.75	1.07	ppb
Barium	137-1	2620.42	2567.83	2677.17	2621.80	2.09	ppb
Beryllium	9-1	545.46	531.49	539.73	538.89	1.30	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	540.24	533.69	553.65	542.53	1.88	ppb
Boron	11-1	525.71	530.26	534.07	530.01	0.79	ppb
Cadmium	111-1	517.00	508.63	524.92	516.85	1.58	ppb
Cadmium	106-1	522.12	501.93	526.02	516.69	2.50	ppb
Cadmium	108-1	521.12	505.37	521.18	515.89	1.77	ppb
Calcium	43-1	247914.70	249659.65	249982.28	249185.54	0.45	ppb
Calcium	44-1	244775.63	245760.25	248839.97	246458.62	0.86	ppb
Chromium	52-2	517.39	515.98	516.40	516.59	0.14	ppb
Cobalt	59-2	506.11	503.75	503.94	504.60	0.26	ppb
Copper	63-2	1001.63	990.37	996.77	996.26	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				107		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	129853.35	128018.25	128567.22	128812.94	0.73	ppb
Iron	57-2	132674.98	130577.94	131971.74	131741.55	0.81	ppb
Krypton	83-1						cps
Lead	206-1	514.38	522.53	523.28	520.06	0.95	ppb
Lead	207-1	506.43	514.66	517.24	512.78	1.10	ppb
Lead	208-1	516.87	526.24	526.63	523.25	1.06	ppb
Lithium	6-1				99		%
Magnesium	24-2	250267.66	251921.99	248474.16	250221.27	0.69	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:37:30	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1035.84	1021.54	1029.81	1029.07	0.70	ppb
Molybdenum	94-1	2577.84	2574.72	2574.41	2575.66	0.07	ppb
Molybdenum	95-1	2569.23	2556.43	2584.56	2570.08	0.55	ppb
Molybdenum	96-1	2575.43	2565.78	2607.41	2582.87	0.84	ppb
Molybdenum	97-1	2585.54	2570.13	2614.55	2590.07	0.87	ppb
Molybdenum	98-1	2535.56	2569.41	2594.96	2566.64	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.09	511.92	509.29	509.77	0.38	ppb
Phosphorus	31-2	10795.53	9969.42	10323.09	10362.68	4.00	ppb
Potassium	39-2	128723.47	127580.33	126696.21	127666.67	0.80	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	512.76	550.78	483.47	515.67	6.54	ppb
Selenium	78-2	520.77	509.41	509.09	513.09	1.30	ppb
Selenium	82-1	506.07	508.54	516.17	510.26	1.03	ppb
Silicon	28-1	488.63	500.30	500.45	496.46	1.37	ppb
Silver	109-1	515.45	512.77	529.25	519.16	1.70	ppb
Silver	107-1	522.24	515.26	529.01	522.17	1.32	ppb
Sodium	23-2	251019.34	252013.22	252763.82	251932.13	0.35	ppb
Strontium	86-1	504.44	505.24	510.30	506.66	0.63	ppb
Strontium	88-1	511.55	513.20	523.53	516.10	1.26	ppb
Sulfur	34-1	8469.13	8742.64	9047.38	8753.05	3.30	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	517.58	522.05	519.82	519.82	0.43	ppb
Thallium	205-1	527.67	538.20	540.59	535.48	1.28	ppb
Tin	118-1	518.12	510.07	520.50	516.23	1.06	ppb
Titanium	47-1	2563.61	2594.00	2650.89	2602.83	1.70	ppb
Uranium	238-1	538.45	553.02	545.02	545.50	1.34	ppb
Vanadium	51-2	518.63	514.76	519.20	517.53	0.47	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	1028.79	1019.79	1033.88	1027.49	0.69	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:37:30	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	515.80	520.25	519.29	518.45	0.45	ppb
Zirconium	91-1	502.65	507.99	508.54	506.40	0.64	ppb

LB Number : LB101168 Operator : Jaswal
 Lab Sample ID : CCB26 Instrumnet Name : P8
 Client Sample ID : CCB26 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-05 12:44:01 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.09	1.86	-2.67	0.43	631.34	ppb
Antimony	121-1	0.18	0.21	0.21	0.20	8.71	ppb
Arsenic	75-1	0.05	0.05	0.07	0.06	22.08	ppb
Barium	135-1	-0.04	-0.01	-0.06	-0.04		ppb
Barium	137-1	0.00	0.00	0.02	0.00	323.84	ppb
Beryllium	9-1	0.09	0.07	0.07	0.08	14.58	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	5.56	5.36	5.02	5.31	5.18	ppb
Boron	11-1	4.64	4.58	4.96	4.73	4.27	ppb
Cadmium	111-1	-0.08	-0.09	-0.09	-0.08		ppb
Cadmium	106-1	-1.28	-1.10	-1.06	-1.15		ppb
Cadmium	108-1	0.00	-0.12	0.06	-0.02		ppb
Calcium	43-1	1.01	1.15	-1.33	0.27	508.83	ppb
Calcium	44-1	16.21	15.28	13.39	14.96	9.61	ppb
Chromium	52-2	0.03	0.14	-0.03	0.04	195.96	ppb
Cobalt	59-2	-0.01	0.02	0.02	0.01	171.95	ppb
Copper	63-2	0.18	0.22	0.21	0.20	10.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	0.31	1.11	0.26	0.56	84.76	ppb
Iron	57-2	1.06	-1.88	1.13	0.10	1640.91	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.26	0.24	0.25	3.41	ppb
Lead	207-1	0.28	0.27	0.24	0.26	8.30	ppb
Lead	208-1	0.23	0.25	0.24	0.24	4.46	ppb
Lithium	6-1				98		%
Magnesium	24-2	2.70	3.90	0.04	2.21	89.23	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:44:01	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.09	-0.01	0.03	195.47	ppb
Molybdenum	94-1	0.09	0.15	0.09	0.11	28.61	ppb
Molybdenum	95-1	0.08	0.09	0.08	0.08	8.63	ppb
Molybdenum	96-1	0.09	0.11	0.10	0.10	6.13	ppb
Molybdenum	97-1	0.08	0.11	0.05	0.08	36.47	ppb
Molybdenum	98-1	0.10	0.10	0.09	0.10	3.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.01	-0.06	-0.02		ppb
Phosphorus	31-2	6.61	-22.41	-32.09	-15.96		ppb
Potassium	39-2	73.73	66.88	66.14	68.91	6.08	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	2.93	0.98	173.21	ppb
Selenium	78-2	0.79	-0.63	0.79	0.32	260.34	ppb
Selenium	82-1	0.31	0.19	0.09	0.20	55.22	ppb
Silicon	28-1	-11.36	-12.92	-12.59	-12.29		ppb
Silver	109-1	0.08	0.07	0.08	0.08	7.09	ppb
Silver	107-1	0.05	0.05	0.05	0.05	0.70	ppb
Sodium	23-2	119.31	114.34	115.89	116.52	2.18	ppb
Strontium	86-1	-0.06	-0.07	-0.16	-0.10		ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	-2283.43	-2114.96	-2105.03	-2167.81		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.03	0.02	0.03	39.74	ppb
Thallium	205-1	0.08	0.07	0.07	0.07	10.37	ppb
Tin	118-1	0.09	0.01	0.02	0.04	120.25	ppb
Titanium	47-1	-0.05	-0.09	-0.10	-0.08		ppb
Uranium	238-1	0.01	0.01	0.00	0.01	40.15	ppb
Vanadium	51-2	-0.01	-0.02	-0.02	-0.02		ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	0.09	0.23	0.27	0.20	47.17	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:44:01	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.03	0.02	0.02	61.03	ppb
Zirconium	91-1	0.04	-0.01	0.03	0.02	113.00	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:47:36	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.09	13.98	23.39	17.49	29.44	ppb
Antimony	121-1	1.96	1.96	1.96	1.96	0.17	ppb
Arsenic	75-1	1.05	1.02	1.01	1.02	2.11	ppb
Barium	135-1	10.36	9.63	9.47	9.82	4.83	ppb
Barium	137-1	10.14	9.62	10.11	9.95	2.94	ppb
Beryllium	9-1	1.02	1.05	1.09	1.06	3.43	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	28.16	29.03	26.53	27.91	4.55	ppb
Boron	11-1	26.58	27.56	26.79	26.98	1.92	ppb
Cadmium	111-1	0.95	0.97	0.92	0.94	2.55	ppb
Cadmium	106-1	-0.34	1.15	-0.41	0.13	666.56	ppb
Cadmium	108-1	1.39	1.19	1.01	1.20	15.93	ppb
Calcium	43-1	459.46	461.38	471.57	464.14	1.40	ppb
Calcium	44-1	482.08	478.99	476.49	479.19	0.58	ppb
Chromium	52-2	1.74	2.04	1.91	1.90	7.92	ppb
Cobalt	59-2	0.96	0.96	0.94	0.95	1.11	ppb
Copper	63-2	1.92	2.10	2.04	2.02	4.43	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				105		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	52.29	53.07	53.36	52.91	1.05	ppb
Iron	57-2	51.33	52.64	48.32	50.76	4.36	ppb
Krypton	83-1						cps
Lead	206-1	1.07	1.13	1.16	1.12	4.05	ppb
Lead	207-1	1.14	0.99	1.09	1.07	7.36	ppb
Lead	208-1	1.09	1.09	1.11	1.10	1.26	ppb
Lithium	6-1				98		%
Magnesium	24-2	490.21	520.92	499.21	503.45	3.14	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:47:36	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.00	1.14	0.85	1.00	14.87	ppb
Molybdenum	94-1	4.56	4.41	4.83	4.60	4.61	ppb
Molybdenum	95-1	4.74	4.36	4.42	4.51	4.52	ppb
Molybdenum	96-1	4.79	4.64	4.52	4.65	2.98	ppb
Molybdenum	97-1	4.90	4.49	4.90	4.76	4.97	ppb
Molybdenum	98-1	4.62	4.57	4.81	4.67	2.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	1.08	1.00	1.02	5.46	ppb
Phosphorus	31-2	54.13	56.50	45.75	52.13	10.84	ppb
Potassium	39-2	496.91	546.56	516.75	520.07	4.81	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	11.81	2.97	11.80	8.86	57.59	ppb
Selenium	78-2	10.31	5.59	7.93	7.95	29.71	ppb
Selenium	82-1	4.98	4.43	5.94	5.12	14.90	ppb
Silicon	28-1	-1.07	-2.20	1.25	-0.67		ppb
Silver	109-1	1.10	1.12	1.15	1.12	2.17	ppb
Silver	107-1	1.14	1.04	1.06	1.08	4.63	ppb
Sodium	23-2	574.21	592.13	566.87	577.74	2.25	ppb
Strontium	86-1	0.72	0.80	0.73	0.75	5.52	ppb
Strontium	88-1	0.80	0.83	0.82	0.81	2.09	ppb
Sulfur	34-1	-1650.74	-2134.69	-1503.39	-1762.94		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.90	0.91	0.97	0.93	3.77	ppb
Thallium	205-1	0.98	0.97	1.03	0.99	3.35	ppb
Tin	118-1	5.06	5.10	5.11	5.09	0.58	ppb
Titanium	47-1	4.62	4.73	5.17	4.84	5.94	ppb
Uranium	238-1	0.88	0.84	0.85	0.86	2.72	ppb
Vanadium	51-2	4.76	5.33	5.07	5.05	5.73	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	1.92	2.18	1.88	2.00	8.09	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:47:36	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.93	0.97	0.88	0.93	5.07	ppb
Zirconium	91-1	0.98	1.00	0.94	0.97	3.37	ppb

LB Number : LB101168 Operator : Jaswal
 Lab Sample ID : PB117630BL Instrumnet Name : P8
 Client Sample ID : PB117630BL Dilution Factor : 1
 Date & Time Acquired :: 2019-03-05 12:51:11 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.77	-4.60	-0.12	-1.83		ppb
Antimony	121-1	0.06	0.07	0.04	0.06	19.26	ppb
Arsenic	75-1	0.00	0.08	0.04	0.04	95.71	ppb
Barium	135-1	-0.05	-0.07	-0.07	-0.06		ppb
Barium	137-1	0.00	-0.03	-0.01	-0.01		ppb
Beryllium	9-1	0.07	0.06	0.05	0.06	14.43	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	2.48	2.54	3.21	2.74	14.86	ppb
Boron	11-1	2.95	3.30	2.91	3.05	6.99	ppb
Cadmium	111-1	-0.06	-0.04	-0.02	-0.04		ppb
Cadmium	106-1	-0.82	-0.51	-0.49	-0.60		ppb
Cadmium	108-1	0.05	-0.06	-0.12	-0.04		ppb
Calcium	43-1	-3.17	-3.82	-3.12	-3.37		ppb
Calcium	44-1	11.98	6.80	9.69	9.49	27.37	ppb
Chromium	52-2	0.00	0.20	0.12	0.11	96.42	ppb
Cobalt	59-2	0.01	0.00	0.00	0.01	122.07	ppb
Copper	63-2	0.10	0.06	-0.04	0.04	187.19	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				105		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	-0.74	-0.92	-0.09	-0.58		ppb
Iron	57-2	0.42	-0.79	-0.35	-0.24		ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.15	0.17	0.15	12.55	ppb
Lead	207-1	0.20	0.15	0.15	0.17	17.70	ppb
Lead	208-1	0.14	0.14	0.15	0.14	2.98	ppb
Lithium	6-1				99		%
Magnesium	24-2	1.55	-0.49	1.31	0.79	140.55	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	PB117630BL	Instrumnet Name :	P8
Client Sample ID :	PB117630BL	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:51:11	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	-0.02	-0.02	0.00		ppb
Molybdenum	94-1	0.03	0.04	0.04	0.04	10.70	ppb
Molybdenum	95-1	0.02	0.03	0.03	0.02	28.49	ppb
Molybdenum	96-1	0.00	0.00	0.03	0.01	139.33	ppb
Molybdenum	97-1	-0.04	0.06	-0.02	0.00	2556.19	ppb
Molybdenum	98-1	0.01	0.02	0.01	0.01	25.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.02	-0.01	0.00	1108.01	ppb
Phosphorus	31-2	-12.69	-12.45	-12.17	-12.43		ppb
Potassium	39-2	52.76	53.26	55.47	53.83	2.68	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	2.94	0.00	0.00	0.98	173.21	ppb
Selenium	78-2	-0.16	1.25	0.32	0.47	152.09	ppb
Selenium	82-1	-0.29	1.09	-1.26	-0.15		ppb
Silicon	28-1	-10.67	-10.12	-11.24	-10.68		ppb
Silver	109-1	0.05	0.04	0.05	0.05	11.20	ppb
Silver	107-1	0.04	0.04	0.05	0.04	6.00	ppb
Sodium	23-2	85.42	81.89	79.80	82.37	3.45	ppb
Strontium	86-1	-0.13	-0.16	-0.02	-0.10		ppb
Strontium	88-1	0.00	-0.01	-0.01	0.00		ppb
Sulfur	34-1	-1844.46	-1525.37	-1619.47	-1663.10		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.07	0.03	0.09	0.06	50.49	ppb
Thallium	205-1	0.05	0.04	0.03	0.04	27.53	ppb
Tin	118-1	-0.01	-0.01	0.02	0.00		ppb
Titanium	47-1	-0.13	-0.15	-0.08	-0.12		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	257.93	ppb
Vanadium	51-2	-0.02	0.01	-0.02	-0.01		ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	0.00	0.12	-0.01	0.03	216.06	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	PB117630BL	Instrumnet Name :	P8
Client Sample ID :	PB117630BL	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:51:11	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.01	0.00	153.14	ppb
Zirconium	91-1	0.03	0.02	0.02	0.02	23.26	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	PB117630BS	Instrumnet Name :	P8
Client Sample ID :	PB117630BS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:54:45	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9582.93	9459.63	9579.28	9540.61	0.74	ppb
Antimony	121-1	511.63	502.67	499.87	504.72	1.22	ppb
Arsenic	75-1	480.53	483.39	481.99	481.97	0.30	ppb
Barium	135-1	2563.67	2495.34	2463.63	2507.55	2.04	ppb
Barium	137-1	2539.58	2491.83	2472.12	2501.18	1.39	ppb
Beryllium	9-1	510.43	507.25	511.01	509.56	0.40	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	474.91	493.35	508.30	492.18	3.40	ppb
Boron	11-1	481.99	501.37	499.00	494.12	2.14	ppb
Cadmium	111-1	509.74	500.43	499.46	503.21	1.13	ppb
Cadmium	106-1	512.64	491.64	492.97	499.09	2.36	ppb
Cadmium	108-1	498.97	503.63	499.15	500.59	0.53	ppb
Calcium	43-1	48280.99	48762.42	47929.68	48324.36	0.87	ppb
Calcium	44-1	48868.00	48624.75	48120.71	48537.82	0.79	ppb
Chromium	52-2	492.77	495.44	492.77	493.66	0.31	ppb
Cobalt	59-2	486.63	489.05	485.91	487.19	0.34	ppb
Copper	63-2	991.42	996.53	988.19	992.05	0.42	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				108		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	25210.76	24892.41	25044.61	25049.26	0.64	ppb
Iron	57-2	24674.41	24970.37	24904.43	24849.74	0.63	ppb
Krypton	83-1						cps
Lead	206-1	490.97	491.88	493.56	492.13	0.27	ppb
Lead	207-1	489.24	488.42	493.24	490.30	0.53	ppb
Lead	208-1	499.56	495.23	500.89	498.56	0.59	ppb
Lithium	6-1				104		%
Magnesium	24-2	51929.74	50954.86	51087.70	51324.10	1.03	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	PB117630BS	Instrumnet Name :	P8
Client Sample ID :	PB117630BS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:54:45	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	989.62	984.03	982.33	985.33	0.39	ppb
Molybdenum	94-1	2525.15	2504.38	2485.86	2505.13	0.78	ppb
Molybdenum	95-1	2504.01	2491.29	2489.78	2495.03	0.31	ppb
Molybdenum	96-1	2510.79	2500.00	2495.58	2502.12	0.31	ppb
Molybdenum	97-1	2511.13	2495.41	2471.42	2492.65	0.80	ppb
Molybdenum	98-1	2489.84	2508.04	2464.65	2487.51	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.25	498.51	497.05	497.94	0.16	ppb
Phosphorus	31-2	9969.29	10319.15	10105.16	10131.20	1.74	ppb
Potassium	39-2	24266.85	24311.94	24147.35	24242.05	0.35	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	483.33	541.61	446.73	490.55	9.75	ppb
Selenium	78-2	518.58	521.44	480.64	506.89	4.49	ppb
Selenium	82-1	510.87	506.26	500.86	506.00	0.99	ppb
Silicon	28-1	536.54	571.13	550.54	552.74	3.15	ppb
Silver	109-1	521.83	505.62	506.53	511.32	1.78	ppb
Silver	107-1	519.14	506.28	507.65	511.02	1.38	ppb
Sodium	23-2	49936.57	50435.94	49921.49	50098.00	0.58	ppb
Strontium	86-1	492.36	490.26	491.90	491.51	0.22	ppb
Strontium	88-1	503.88	503.63	495.49	501.00	0.95	ppb
Sulfur	34-1	8887.82	9087.62	8235.16	8736.87	5.10	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	495.53	490.00	497.09	494.21	0.75	ppb
Thallium	205-1	512.16	509.96	510.21	510.78	0.24	ppb
Tin	118-1	497.61	498.91	490.91	495.81	0.87	ppb
Titanium	47-1	2508.52	2491.06	2466.02	2488.53	0.86	ppb
Uranium	238-1	506.56	506.15	516.68	509.80	1.17	ppb
Vanadium	51-2	494.74	490.40	495.60	493.58	0.56	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	990.85	998.61	990.45	993.30	0.46	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	PB117630BS	Instrumnet Name :	P8
Client Sample ID :	PB117630BS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:54:45	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	504.81	507.35	508.81	506.99	0.40	ppb
Zirconium	91-1	494.58	492.66	492.68	493.31	0.22	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01	Instrumnet Name :	P8
Client Sample ID :	390214005.1	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:58:34	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.74	18.23	13.45	15.47	15.97	ppb
Antimony	121-1	0.33	0.38	0.35	0.36	7.73	ppb
Arsenic	75-1	0.35	0.29	0.40	0.35	15.89	ppb
Barium	135-1	3.21	3.10	3.48	3.26	6.09	ppb
Barium	137-1	3.34	3.47	3.40	3.40	1.82	ppb
Beryllium	9-1	0.14	0.11	0.08	0.11	28.60	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	233.08	229.51	234.57	232.39	1.12	ppb
Boron	11-1	235.79	234.11	239.50	236.46	1.17	ppb
Cadmium	111-1	-0.11	-0.07	-0.10	-0.09		ppb
Cadmium	106-1	-1.28	-0.93	-1.48	-1.23		ppb
Cadmium	108-1	0.23	0.17	0.05	0.15	59.18	ppb
Calcium	43-1	69463.52	69352.31	68284.85	69033.56	0.94	ppb
Calcium	44-1	70137.73	69581.54	68948.51	69555.93	0.86	ppb
Chromium	52-2	1.35	1.32	1.03	1.23	14.53	ppb
Cobalt	59-2	0.05	0.03	0.04	0.04	25.78	ppb
Copper	63-2	1.04	0.98	1.00	1.01	3.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	23.16	23.68	23.50	23.45	1.14	ppb
Iron	57-2	25.20	24.91	26.20	25.44	2.66	ppb
Krypton	83-1						cps
Lead	206-1	0.31	0.26	0.23	0.26	14.81	ppb
Lead	207-1	0.29	0.26	0.32	0.29	11.16	ppb
Lead	208-1	0.30	0.26	0.27	0.28	6.44	ppb
Lithium	6-1				99		%
Magnesium	24-2	38067.99	37037.07	36327.95	37144.34	2.36	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01	Instrumnet Name :	P8
Client Sample ID :	390214005.1	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:58:34	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.48	1.37	1.39	1.41	4.00	ppb
Molybdenum	94-1	0.16	0.19	0.18	0.18	10.62	ppb
Molybdenum	95-1	0.10	0.14	0.15	0.13	19.28	ppb
Molybdenum	96-1	0.16	0.17	0.11	0.15	20.33	ppb
Molybdenum	97-1	0.15	0.13	0.13	0.14	8.31	ppb
Molybdenum	98-1	0.15	0.17	0.14	0.15	10.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.59	0.61	0.58	0.59	2.49	ppb
Phosphorus	31-2	27.73	-2.73	25.48	16.83	100.87	ppb
Potassium	39-2	635.48	617.34	630.00	627.61	1.48	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	2.96	0.00	2.99	1.99	86.61	ppb
Selenium	78-2	2.72	-0.16	-0.15	0.80	206.18	ppb
Selenium	82-1	0.07	-0.48	0.60	0.06	829.63	ppb
Silicon	28-1	13367.20	13412.63	13236.22	13338.68	0.69	ppb
Silver	109-1	0.09	0.10	0.10	0.10	5.17	ppb
Silver	107-1	0.08	0.09	0.08	0.08	6.36	ppb
Sodium	23-2	22232.18	21417.57	21139.62	21596.46	2.63	ppb
Strontium	86-1	126.19	129.88	125.67	127.25	1.81	ppb
Strontium	88-1	129.81	131.94	130.25	130.67	0.86	ppb
Sulfur	34-1	8388.80	8454.37	7954.58	8265.92	3.29	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.00	0.03	0.02	76.63	ppb
Thallium	205-1	0.03	0.02	0.01	0.02	56.52	ppb
Tin	118-1	0.07	0.11	0.13	0.10	32.27	ppb
Titanium	47-1	1.62	1.40	5.42	2.81	80.32	ppb
Uranium	238-1	0.08	0.05	0.05	0.06	26.86	ppb
Vanadium	51-2	7.04	6.68	6.63	6.78	3.23	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	1.11	1.30	1.26	1.22	8.14	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01	Instrumnet Name :	P8
Client Sample ID :	390214005.1	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:58:34	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.05	0.05	0.05	9.03	ppb
Zirconium	91-1	0.06	0.08	0.03	0.05	47.35	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01DUP	Instrumnet Name :	P8
Client Sample ID :	390214005.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:02:07	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.56	18.45	18.36	17.79	5.99	ppb
Antimony	121-1	0.14	0.13	0.13	0.13	4.20	ppb
Arsenic	75-1	0.38	0.38	0.38	0.38	0.88	ppb
Barium	135-1	3.36	2.99	3.61	3.32	9.31	ppb
Barium	137-1	3.34	3.09	3.28	3.24	4.05	ppb
Beryllium	9-1	0.04	0.10	0.05	0.06	43.44	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	228.27	226.06	238.06	230.80	2.77	ppb
Boron	11-1	236.05	233.45	238.47	235.99	1.06	ppb
Cadmium	111-1	-0.09	-0.02	-0.06	-0.06		ppb
Cadmium	106-1	-1.23	-0.27	-0.73	-0.74		ppb
Cadmium	108-1	0.11	0.05	0.23	0.13	68.57	ppb
Calcium	43-1	69012.38	68975.59	69099.38	69029.12	0.09	ppb
Calcium	44-1	69671.67	69363.88	69241.01	69425.52	0.32	ppb
Chromium	52-2	1.13	1.18	1.08	1.13	4.36	ppb
Cobalt	59-2	0.02	0.04	0.02	0.03	39.37	ppb
Copper	63-2	0.81	0.82	0.87	0.84	3.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	23.09	23.21	23.69	23.33	1.36	ppb
Iron	57-2	20.33	27.54	24.74	24.20	15.01	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.24	0.16	0.21	20.76	ppb
Lead	207-1	0.23	0.24	0.25	0.24	4.77	ppb
Lead	208-1	0.23	0.22	0.22	0.22	2.29	ppb
Lithium	6-1				100		%
Magnesium	24-2	36243.14	37066.60	37253.79	36854.51	1.46	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01DUP	Instrumnet Name :	P8
Client Sample ID :	390214005.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:02:07	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.35	1.18	1.42	1.32	9.48	ppb
Molybdenum	94-1	0.08	0.14	0.08	0.10	36.67	ppb
Molybdenum	95-1	0.04	0.05	0.08	0.06	30.40	ppb
Molybdenum	96-1	0.03	0.05	0.07	0.05	43.48	ppb
Molybdenum	97-1	0.07	0.00	0.09	0.06	86.89	ppb
Molybdenum	98-1	0.07	0.05	0.06	0.06	18.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.65	0.53	0.52	0.57	13.19	ppb
Phosphorus	31-2	-12.48	27.16	-22.16	-2.49		ppb
Potassium	39-2	625.71	667.86	633.34	642.30	3.50	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	2.94	0.00	0.00	0.98	173.21	ppb
Selenium	78-2	0.79	-0.63	1.79	0.65	187.23	ppb
Selenium	82-1	0.93	0.51	1.32	0.92	44.26	ppb
Silicon	28-1	13331.60	13214.99	13301.32	13282.64	0.46	ppb
Silver	109-1	0.08	0.08	0.09	0.08	7.03	ppb
Silver	107-1	0.07	0.07	0.06	0.07	4.45	ppb
Sodium	23-2	21460.39	21401.27	21862.77	21574.81	1.16	ppb
Strontium	86-1	126.22	129.62	127.83	127.89	1.33	ppb
Strontium	88-1	131.68	133.38	131.51	132.19	0.78	ppb
Sulfur	34-1	8333.81	8381.24	8608.20	8441.08	1.74	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.01	-0.01	0.00	196.39	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.03	0.07	0.08	0.06	50.18	ppb
Titanium	47-1	1.28	1.78	1.56	1.54	16.45	ppb
Uranium	238-1	0.06	0.05	0.05	0.05	13.22	ppb
Vanadium	51-2	6.80	6.98	6.95	6.91	1.38	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	1.22	1.29	1.44	1.32	8.42	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01DUP	Instrumnet Name :	P8
Client Sample ID :	390214005.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:02:07	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.01	0.02	0.02	45.38	ppb
Zirconium	91-1	0.04	0.07	0.05	0.05	25.53	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01LX5	Instrumnet Name :	P8
Client Sample ID :	390214005.1L	Dilution Factor :	5
Date & Time Acquired ::	2019-03-05 13:05:39	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.63	0.55	1.98	2.05	74.92	ppb
Antimony	121-1	0.05	0.05	0.06	0.06	10.75	ppb
Arsenic	75-1	0.13	0.16	0.18	0.16	15.78	ppb
Barium	135-1	0.72	0.63	0.67	0.68	6.79	ppb
Barium	137-1	0.63	0.62	0.64	0.63	1.34	ppb
Beryllium	9-1	0.06	0.05	0.08	0.06	22.03	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	53.43	52.48	53.23	53.05	0.94	ppb
Boron	11-1	52.88	54.91	52.42	53.40	2.48	ppb
Cadmium	111-1	-0.06	-0.06	-0.07	-0.06		ppb
Cadmium	106-1	-0.70	-0.75	-0.94	-0.80		ppb
Cadmium	108-1	-0.06	0.05	-0.01	-0.01		ppb
Calcium	43-1	13745.23	13781.16	13715.09	13747.16	0.24	ppb
Calcium	44-1	14135.07	14031.72	14143.85	14103.55	0.44	ppb
Chromium	52-2	0.25	0.28	0.13	0.22	35.17	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	57.77	ppb
Copper	63-2	0.21	0.23	0.24	0.23	6.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	4.53	4.50	3.78	4.27	9.98	ppb
Iron	57-2	4.43	3.23	6.49	4.72	34.97	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.15	0.12	0.14	13.24	ppb
Lead	207-1	0.19	0.17	0.21	0.19	11.13	ppb
Lead	208-1	0.16	0.15	0.16	0.16	5.49	ppb
Lithium	6-1				100		%
Magnesium	24-2	7178.99	7283.08	7254.17	7238.75	0.74	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01LX5	Instrumnet Name :	P8
Client Sample ID :	390214005.1L	Dilution Factor :	5
Date & Time Acquired ::	2019-03-05 13:05:39	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.25	0.36	0.16	0.25	39.65	ppb
Molybdenum	94-1	0.02	0.03	0.05	0.03	45.10	ppb
Molybdenum	95-1	0.01	0.05	0.03	0.03	57.84	ppb
Molybdenum	96-1	0.00	0.00	0.03	0.01	123.62	ppb
Molybdenum	97-1	0.05	0.01	0.00	0.02	137.03	ppb
Molybdenum	98-1	0.03	0.01	0.02	0.02	35.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.06	0.11	0.07	54.81	ppb
Phosphorus	31-2	-12.56	17.22	36.66	13.78	179.95	ppb
Potassium	39-2	138.24	162.15	153.91	151.43	8.02	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	5.91	1.97	173.21	ppb
Selenium	78-2	0.31	1.26	-0.16	0.47	153.83	ppb
Selenium	82-1	-0.16	0.14	-0.99	-0.34		ppb
Silicon	28-1	2628.49	2665.73	2625.13	2639.78	0.85	ppb
Silver	109-1	0.06	0.04	0.08	0.06	34.53	ppb
Silver	107-1	0.05	0.04	0.04	0.04	19.18	ppb
Sodium	23-2	4218.31	4269.67	4248.44	4245.48	0.61	ppb
Strontium	86-1	25.37	24.45	25.16	25.00	1.93	ppb
Strontium	88-1	25.29	25.23	25.65	25.39	0.89	ppb
Sulfur	34-1	443.61	532.20	629.09	534.97	17.34	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.00	-0.01	-0.02	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.01	0.01	-0.02	0.00		ppb
Titanium	47-1	0.36	0.35	0.22	0.31	26.19	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	62.81	ppb
Vanadium	51-2	1.35	1.30	1.33	1.33	1.81	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	0.33	0.51	0.70	0.51	36.37	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01LX5	Instrumnet Name :	P8
Client Sample ID :	390214005.1L	Dilution Factor :	5
Date & Time Acquired ::	2019-03-05 13:05:39	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.01	0.00	141.64	ppb
Zirconium	91-1	0.04	0.03	0.03	0.03	18.94	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01MS	Instrumnet Name :	P8
Client Sample ID :	390214005.1MS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:09:13	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1850.04	1885.30	1852.50	1862.61	1.06	ppb
Antimony	121-1	778.46	787.40	793.04	786.30	0.93	ppb
Arsenic	75-1	781.08	778.93	787.26	782.42	0.55	ppb
Barium	135-1	201.89	202.94	202.97	202.60	0.30	ppb
Barium	137-1	201.98	203.91	205.57	203.82	0.88	ppb
Beryllium	9-1	201.60	201.30	201.70	201.53	0.10	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	531.51	522.35	537.41	530.42	1.43	ppb
Boron	11-1	528.35	537.92	534.83	533.70	0.91	ppb
Cadmium	111-1	198.88	198.83	197.92	198.54	0.27	ppb
Cadmium	106-1	167.49	163.03	171.52	167.35	2.54	ppb
Cadmium	108-1	174.02	171.76	186.23	177.34	4.39	ppb
Calcium	43-1	69369.85	69161.03	69738.40	69423.09	0.42	ppb
Calcium	44-1	69334.18	69269.96	69816.20	69473.45	0.43	ppb
Chromium	52-2	400.81	405.44	405.13	403.80	0.64	ppb
Cobalt	59-2	196.80	198.96	199.10	198.29	0.65	ppb
Copper	63-2	307.48	311.65	309.92	309.68	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	3121.00	3180.76	3156.79	3152.85	0.95	ppb
Iron	57-2	3066.57	3095.05	3023.36	3061.66	1.18	ppb
Krypton	83-1						cps
Lead	206-1	1031.38	1038.18	1030.39	1033.32	0.41	ppb
Lead	207-1	1018.98	1033.91	1007.14	1020.01	1.32	ppb
Lead	208-1	1019.29	1035.70	1017.13	1024.04	0.99	ppb
Lithium	6-1				105		%
Magnesium	24-2	38101.02	38596.61	37801.82	38166.48	1.05	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01MS	Instrumnet Name :	P8
Client Sample ID :	390214005.1MS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:09:13	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	199.54	203.10	204.36	202.34	1.24	ppb
Molybdenum	94-1	260.44	268.57	265.46	264.83	1.55	ppb
Molybdenum	95-1	357.06	371.01	365.87	364.65	1.93	ppb
Molybdenum	96-1	350.64	362.67	356.39	356.57	1.69	ppb
Molybdenum	97-1	361.70	377.34	372.37	370.47	2.16	ppb
Molybdenum	98-1	368.82	377.45	372.14	372.80	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.85	506.12	512.91	508.96	0.69	ppb
Phosphorus	31-2	6039.75	5851.24	5917.13	5936.04	1.61	ppb
Potassium	39-2	10392.96	10348.27	10526.30	10422.51	0.89	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	2013.33	2028.61	2072.36	2038.10	1.50	ppb
Selenium	78-2	1962.42	2026.78	2007.76	1998.99	1.65	ppb
Selenium	82-1	1965.27	2039.09	1992.00	1998.79	1.87	ppb
Silicon	28-1	14088.38	13935.52	14130.17	14051.36	0.73	ppb
Silver	109-1	73.83	72.35	73.79	73.33	1.15	ppb
Silver	107-1	73.15	72.93	73.92	73.33	0.71	ppb
Sodium	23-2	24073.17	24382.13	23881.88	24112.39	1.05	ppb
Strontium	86-1	289.56	298.70	294.33	294.20	1.55	ppb
Strontium	88-1	297.06	305.73	301.98	301.59	1.44	ppb
Sulfur	34-1	8520.82	8381.71	8756.03	8552.85	2.21	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	2037.74	2077.04	2025.48	2046.75	1.32	ppb
Thallium	205-1	2025.80	2038.08	2000.39	2021.43	0.95	ppb
Tin	118-1	703.11	703.89	709.07	705.35	0.46	ppb
Titanium	47-1	195.09	197.28	193.93	195.44	0.87	ppb
Uranium	238-1	0.04	0.06	0.06	0.06	19.87	ppb
Vanadium	51-2	303.92	311.18	308.60	307.90	1.20	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	207.19	209.21	205.88	207.42	0.81	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01MS	Instrumnet Name :	P8
Client Sample ID :	390214005.1MS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:09:13	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.35	0.33	0.32	0.33	3.72	ppb
Zirconium	91-1	0.58	0.59	0.58	0.58	0.97	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01MSD	Instrumnet Name :	P8
Client Sample ID :	390214005.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:12:43	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1886.56	1868.95	1919.09	1891.54	1.34	ppb
Antimony	121-1	790.73	772.25	785.56	782.85	1.22	ppb
Arsenic	75-1	781.32	785.26	785.02	783.87	0.28	ppb
Barium	135-1	202.63	198.13	202.59	201.12	1.29	ppb
Barium	137-1	202.64	202.91	206.66	204.07	1.10	ppb
Beryllium	9-1	203.85	202.42	203.70	203.32	0.39	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	10-1	542.17	543.92	550.76	545.62	0.83	ppb
Boron	11-1	540.33	543.64	544.62	542.86	0.41	ppb
Cadmium	111-1	196.23	195.20	197.59	196.34	0.61	ppb
Cadmium	106-1	164.70	171.89	168.60	168.39	2.14	ppb
Cadmium	108-1	178.71	180.18	183.62	180.83	1.39	ppb
Calcium	43-1	69138.41	70036.96	69619.31	69598.23	0.65	ppb
Calcium	44-1	69391.44	70197.64	69738.84	69775.97	0.58	ppb
Chromium	52-2	409.92	411.87	413.83	411.87	0.47	ppb
Cobalt	59-2	201.86	201.93	203.64	202.48	0.50	ppb
Copper	63-2	314.28	315.03	316.78	315.36	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	3249.61	3223.42	3241.80	3238.28	0.42	ppb
Iron	57-2	3103.46	3116.91	3133.60	3117.99	0.48	ppb
Krypton	83-1						cps
Lead	206-1	1051.33	1033.37	1057.91	1047.54	1.21	ppb
Lead	207-1	1035.39	1050.04	1044.58	1043.34	0.71	ppb
Lead	208-1	1035.23	1034.36	1042.83	1037.47	0.45	ppb
Lithium	6-1				106		%
Magnesium	24-2	39262.20	38614.13	39249.04	39041.79	0.95	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01MSD	Instrumnet Name :	P8
Client Sample ID :	390214005.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:12:43	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	206.00	205.29	204.13	205.14	0.46	ppb
Molybdenum	94-1	265.01	274.64	268.59	269.42	1.81	ppb
Molybdenum	95-1	365.13	376.26	367.79	369.73	1.57	ppb
Molybdenum	96-1	355.48	366.32	360.82	360.87	1.50	ppb
Molybdenum	97-1	372.23	376.07	373.10	373.80	0.54	ppb
Molybdenum	98-1	374.10	377.42	378.57	376.70	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.31	511.43	515.00	512.58	0.41	ppb
Phosphorus	31-2	5810.93	6256.75	6161.05	6076.24	3.86	ppb
Potassium	39-2	10533.24	10524.25	10617.80	10558.43	0.49	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	2016.69	2152.41	2129.18	2099.43	3.46	ppb
Selenium	78-2	2031.65	1979.98	1965.58	1992.40	1.74	ppb
Selenium	82-1	2023.20	2065.04	2034.19	2040.81	1.06	ppb
Silicon	28-1	14088.58	14002.54	14127.59	14072.90	0.45	ppb
Silver	109-1	72.79	72.88	73.01	72.89	0.16	ppb
Silver	107-1	73.35	73.40	75.31	74.02	1.51	ppb
Sodium	23-2	24318.18	24242.66	24720.53	24427.13	1.05	ppb
Strontium	86-1	296.58	300.74	297.95	298.42	0.71	ppb
Strontium	88-1	303.41	308.36	308.40	306.72	0.93	ppb
Sulfur	34-1	8538.23	8736.87	8463.50	8579.53	1.65	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	2035.71	2044.16	2108.24	2062.70	1.92	ppb
Thallium	205-1	2041.41	2034.32	2079.79	2051.84	1.19	ppb
Tin	118-1	702.73	684.02	705.99	697.58	1.70	ppb
Titanium	47-1	192.24	198.22	195.40	195.29	1.53	ppb
Uranium	238-1	0.06	0.06	0.05	0.06	8.87	ppb
Vanadium	51-2	307.69	314.27	311.26	311.07	1.06	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	208.79	210.68	214.41	211.29	1.35	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01MSD	Instrumnet Name :	P8
Client Sample ID :	390214005.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:12:43	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.26	0.24	0.28	0.26	8.23	ppb
Zirconium	91-1	0.53	0.64	0.56	0.58	10.04	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01A	Instrumnet Name :	P8
Client Sample ID :	390214005.1A	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:16:13	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1876.16	1921.94	1906.95	1901.68	1.23	ppb
Antimony	121-1	804.07	809.09	813.63	808.93	0.59	ppb
Arsenic	75-1	782.97	784.83	782.80	783.53	0.14	ppb
Barium	135-1	208.09	208.27	207.78	208.05	0.12	ppb
Barium	137-1	209.52	209.93	209.18	209.55	0.18	ppb
Beryllium	9-1	203.39	201.67	203.34	202.80	0.48	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Boron	10-1	528.62	541.25	540.57	536.81	1.32	ppb
Boron	11-1	533.53	547.15	553.90	544.86	1.90	ppb
Cadmium	111-1	200.98	202.95	204.23	202.72	0.81	ppb
Cadmium	106-1	177.14	172.64	174.13	174.63	1.31	ppb
Cadmium	108-1	181.30	186.02	186.30	184.54	1.52	ppb
Calcium	43-1	69646.64	69523.01	69187.22	69452.29	0.34	ppb
Calcium	44-1	70311.75	69842.62	70007.81	70054.06	0.34	ppb
Chromium	52-2	410.62	406.44	411.88	409.65	0.69	ppb
Cobalt	59-2	201.00	202.28	204.04	202.44	0.75	ppb
Copper	63-2	314.62	316.57	315.29	315.49	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	3225.55	3243.84	3242.34	3237.24	0.31	ppb
Iron	57-2	3085.46	3167.43	3208.39	3153.76	1.98	ppb
Krypton	83-1						cps
Lead	206-1	1028.28	1036.16	1020.56	1028.33	0.76	ppb
Lead	207-1	1012.70	1013.94	989.79	1005.47	1.35	ppb
Lead	208-1	1012.19	1009.19	994.35	1005.24	0.95	ppb
Lithium	6-1				106		%
Magnesium	24-2	38772.40	39204.71	39071.90	39016.34	0.57	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01A	Instrumnet Name :	P8
Client Sample ID :	390214005.1A	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:16:13	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	205.04	203.67	204.08	204.27	0.35	ppb
Molybdenum	94-1	269.25	271.56	270.71	270.51	0.43	ppb
Molybdenum	95-1	370.68	372.72	369.33	370.91	0.46	ppb
Molybdenum	96-1	360.55	362.05	361.21	361.27	0.21	ppb
Molybdenum	97-1	375.34	375.36	378.56	376.42	0.49	ppb
Molybdenum	98-1	374.61	376.34	373.74	374.89	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.41	522.04	517.57	517.67	0.83	ppb
Phosphorus	31-2	5854.87	5990.56	6421.82	6089.09	4.86	ppb
Potassium	39-2	10445.99	10658.42	10675.33	10593.24	1.21	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	1967.00	1907.47	2050.91	1975.12	3.65	ppb
Selenium	78-2	2040.97	1999.89	1987.03	2009.30	1.40	ppb
Selenium	82-1	2017.87	2014.35	2025.69	2019.30	0.29	ppb
Silicon	28-1	13908.54	13891.22	14057.28	13952.35	0.65	ppb
Silver	109-1	75.28	75.39	75.23	75.30	0.11	ppb
Silver	107-1	74.51	74.38	76.00	74.96	1.20	ppb
Sodium	23-2	24140.14	24451.13	24960.71	24517.33	1.69	ppb
Strontium	86-1	298.00	299.60	297.10	298.23	0.42	ppb
Strontium	88-1	305.94	310.68	304.59	307.07	1.04	ppb
Sulfur	34-1	8599.81	8665.39	8382.82	8549.34	1.73	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	2017.14	2015.39	2008.62	2013.72	0.22	ppb
Thallium	205-1	2002.91	2005.40	1984.48	1997.60	0.57	ppb
Tin	118-1	717.01	713.63	722.60	717.75	0.63	ppb
Titanium	47-1	194.66	198.22	193.51	195.46	1.26	ppb
Uranium	238-1	0.05	0.04	0.04	0.05	16.24	ppb
Vanadium	51-2	311.29	312.15	312.77	312.07	0.24	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	211.57	210.03	214.72	212.10	1.13	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01A	Instrumnet Name :	P8
Client Sample ID :	390214005.1A	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:16:13	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.18	0.23	0.27	0.23	19.87	ppb
Zirconium	91-1	0.57	0.58	0.58	0.58	0.88	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1731-01	Instrumnet Name :	P8
Client Sample ID :	390212054.3	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:23:48	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.92	3.57	1.95	1.53	148.10	ppb
Antimony	121-1	0.21	0.24	0.27	0.24	12.21	ppb
Arsenic	75-1	0.75	0.71	0.74	0.74	2.94	ppb
Barium	135-1	35.89	37.11	37.74	36.92	2.55	ppb
Barium	137-1	36.03	36.94	36.06	36.34	1.43	ppb
Beryllium	9-1	0.06	0.06	0.09	0.07	22.24	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	10-1	223.41	215.68	228.93	222.67	2.99	ppb
Boron	11-1	224.78	227.07	231.33	227.73	1.46	ppb
Cadmium	111-1	-0.13	-0.08	-0.12	-0.11		ppb
Cadmium	106-1	-1.84	-1.27	-1.79	-1.63		ppb
Cadmium	108-1	-0.06	-0.06	-0.06	-0.06		ppb
Calcium	43-1	27905.86	27794.45	27821.21	27840.51	0.21	ppb
Calcium	44-1	28068.68	28076.33	28469.22	28204.74	0.81	ppb
Chromium	52-2	2.91	2.83	2.78	2.84	2.35	ppb
Cobalt	59-2	0.01	0.02	-0.01	0.01	185.96	ppb
Copper	63-2	1.87	1.69	1.77	1.77	4.97	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				109		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	4.35	5.00	4.52	4.62	7.25	ppb
Iron	57-2	5.23	2.65	8.08	5.32	51.02	ppb
Krypton	83-1						cps
Lead	206-1	0.70	0.67	0.59	0.65	8.58	ppb
Lead	207-1	0.64	0.67	0.59	0.64	7.06	ppb
Lead	208-1	0.65	0.68	0.61	0.65	5.26	ppb
Lithium	6-1				101		%
Magnesium	24-2	7338.51	7327.16	7320.78	7328.82	0.12	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1731-01	Instrumnet Name :	P8
Client Sample ID :	390212054.3	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:23:48	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.71	0.88	0.80	0.80	10.43	ppb
Molybdenum	94-1	0.12	0.20	0.20	0.17	27.44	ppb
Molybdenum	95-1	0.17	0.17	0.18	0.17	2.22	ppb
Molybdenum	96-1	0.17	0.16	0.19	0.18	9.75	ppb
Molybdenum	97-1	0.16	0.21	0.20	0.19	12.64	ppb
Molybdenum	98-1	0.14	0.19	0.15	0.16	16.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.04	0.09	0.04	138.35	ppb
Phosphorus	31-2	7.36	-2.27	-2.75	0.78	729.62	ppb
Potassium	39-2	360.91	355.77	361.73	359.47	0.90	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	8.81	2.94	173.21	ppb
Selenium	78-2	-0.15	0.81	1.26	0.64	112.83	ppb
Selenium	82-1	-0.52	1.71	0.34	0.51	220.93	ppb
Silicon	28-1	11267.16	11104.96	11203.25	11191.79	0.73	ppb
Silver	109-1	0.03	0.03	0.04	0.04	20.53	ppb
Silver	107-1	0.04	0.01	0.02	0.02	73.46	ppb
Sodium	23-2	6123.47	6128.03	6098.50	6116.66	0.26	ppb
Strontium	86-1	52.26	51.50	52.77	52.18	1.23	ppb
Strontium	88-1	52.28	52.26	53.28	52.61	1.11	ppb
Sulfur	34-1	3612.35	3456.33	3639.06	3569.25	2.77	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.05	0.03	0.03	0.04	34.77	ppb
Thallium	205-1	0.02	0.01	0.03	0.02	54.59	ppb
Tin	118-1	0.13	0.11	0.17	0.14	23.69	ppb
Titanium	47-1	0.31	0.32	0.38	0.34	10.96	ppb
Uranium	238-1	0.24	0.23	0.28	0.25	9.46	ppb
Vanadium	51-2	4.70	4.43	4.42	4.52	3.56	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	1.72	2.30	2.03	2.02	14.53	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1731-01	Instrumnet Name :	P8
Client Sample ID :	390212054.3	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:23:48	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.00	0.00	116.93	ppb
Zirconium	91-1	0.00	0.05	-0.01	0.01	222.84	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:27:21	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54565.90	52969.52	52259.30	53264.91	2.22	ppb
Antimony	121-1	521.22	525.98	517.78	521.66	0.79	ppb
Arsenic	75-1	495.40	488.37	499.33	494.36	1.12	ppb
Barium	135-1	2640.58	2576.08	2572.13	2596.26	1.48	ppb
Barium	137-1	2610.50	2595.12	2548.99	2584.87	1.24	ppb
Beryllium	9-1	522.78	535.91	527.09	528.59	1.27	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	521.40	533.49	542.17	532.35	1.96	ppb
Boron	11-1	517.17	535.49	536.00	529.55	2.03	ppb
Cadmium	111-1	507.68	500.21	497.43	501.77	1.06	ppb
Cadmium	106-1	517.68	495.55	496.49	503.24	2.49	ppb
Cadmium	108-1	510.65	504.85	502.96	506.15	0.79	ppb
Calcium	43-1	249522.28	245803.68	249926.31	248417.42	0.91	ppb
Calcium	44-1	248179.34	243228.73	247291.53	246233.20	1.07	ppb
Chromium	52-2	539.85	513.37	512.46	521.89	2.98	ppb
Cobalt	59-2	527.78	506.89	497.07	510.58	3.07	ppb
Copper	63-2	1038.06	1018.55	991.51	1016.04	2.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	134791.36	130539.78	126480.36	130603.83	3.18	ppb
Iron	57-2	136350.59	132738.62	130754.45	133281.22	2.13	ppb
Krypton	83-1						cps
Lead	206-1	519.02	515.72	517.22	517.32	0.32	ppb
Lead	207-1	515.33	508.34	509.71	511.13	0.73	ppb
Lead	208-1	525.97	522.05	519.99	522.67	0.58	ppb
Lithium	6-1				104		%
Magnesium	24-2	261651.84	255373.63	252439.08	256488.18	1.83	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:27:21	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1058.55	1031.91	1007.41	1032.62	2.48	ppb
Molybdenum	94-1	2583.50	2560.07	2634.76	2592.78	1.47	ppb
Molybdenum	95-1	2596.40	2581.81	2603.86	2594.03	0.43	ppb
Molybdenum	96-1	2559.11	2579.36	2578.40	2572.29	0.44	ppb
Molybdenum	97-1	2543.22	2596.34	2587.29	2575.62	1.10	ppb
Molybdenum	98-1	2574.99	2579.35	2592.71	2582.35	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	534.01	512.13	504.07	516.73	3.00	ppb
Phosphorus	31-2	10238.18	10608.72	10667.90	10504.94	2.22	ppb
Potassium	39-2	131538.61	128903.17	127676.57	129372.78	1.53	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	77-2	476.99	447.95	561.63	495.52	11.92	ppb
Selenium	78-2	510.96	521.93	500.23	511.04	2.12	ppb
Selenium	82-1	511.77	509.74	509.04	510.19	0.28	ppb
Silicon	28-1	522.14	509.22	541.77	524.38	3.13	ppb
Silver	109-1	510.01	509.84	507.03	508.96	0.33	ppb
Silver	107-1	516.76	516.69	505.47	512.97	1.27	ppb
Sodium	23-2	261594.85	253956.03	248397.13	254649.34	2.60	ppb
Strontium	86-1	500.91	501.86	504.17	502.31	0.33	ppb
Strontium	88-1	508.11	512.55	515.83	512.16	0.76	ppb
Sulfur	34-1	10839.27	10479.67	11566.77	10961.90	5.05	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	521.72	516.42	519.47	519.20	0.51	ppb
Thallium	205-1	546.89	540.00	546.94	544.61	0.73	ppb
Tin	118-1	516.01	522.73	511.44	516.73	1.10	ppb
Titanium	47-1	2562.19	2543.12	2619.01	2574.77	1.53	ppb
Uranium	238-1	549.67	540.53	549.55	546.58	0.96	ppb
Vanadium	51-2	538.33	520.51	513.52	524.12	2.44	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	1074.75	1036.81	1018.52	1043.36	2.75	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:27:21	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	511.91	520.83	528.50	520.41	1.60	ppb
Zirconium	91-1	502.67	500.35	509.39	504.14	0.93	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:32:26	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.71	-3.10	-1.60	-1.80		ppb
Antimony	121-1	0.25	0.29	0.28	0.27	8.05	ppb
Arsenic	75-1	0.16	0.12	0.11	0.13	17.81	ppb
Barium	135-1	-0.02	0.01	-0.05	-0.02		ppb
Barium	137-1	0.03	0.02	-0.01	0.01	131.08	ppb
Beryllium	9-1	0.13	0.12	0.11	0.12	6.14	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	12.68	10.88	10.76	11.44	9.39	ppb
Boron	11-1	10.57	10.52	9.67	10.25	4.97	ppb
Cadmium	111-1	-0.11	-0.09	-0.07	-0.09		ppb
Cadmium	106-1	-1.52	-1.12	-1.11	-1.25		ppb
Cadmium	108-1	0.05	0.05	-0.06	0.01	612.53	ppb
Calcium	43-1	-3.71	-4.39	-3.07	-3.72		ppb
Calcium	44-1	9.49	11.19	6.64	9.11	25.25	ppb
Chromium	52-2	0.14	-0.01	0.06	0.06	116.01	ppb
Cobalt	59-2	0.01	-0.01	-0.01	0.00		ppb
Copper	63-2	0.20	0.21	0.11	0.18	30.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	-0.07	0.42	0.00	0.12	221.41	ppb
Iron	57-2	-1.13	0.63	0.33	-0.05		ppb
Krypton	83-1						cps
Lead	206-1	0.47	0.49	0.45	0.47	5.20	ppb
Lead	207-1	0.52	0.49	0.52	0.51	3.23	ppb
Lead	208-1	0.49	0.48	0.45	0.47	3.45	ppb
Lithium	6-1				103		%
Magnesium	24-2	-1.50	2.28	-1.93	-0.38		ppb

LB Number : LB101168 Operator : Jaswal
 Lab Sample ID : CCB28 Instrumnet Name : P8
 Client Sample ID : CCB28 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-05 13:32:26 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.06	-0.06	-0.04		ppb
Molybdenum	94-1	0.11	0.09	0.09	0.10	13.63	ppb
Molybdenum	95-1	0.11	0.09	0.05	0.09	33.85	ppb
Molybdenum	96-1	0.09	0.12	0.09	0.10	17.90	ppb
Molybdenum	97-1	0.06	0.01	0.04	0.04	65.29	ppb
Molybdenum	98-1	0.08	0.06	0.05	0.06	26.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.03	-0.08	-0.08		ppb
Phosphorus	31-2	7.14	-22.16	-22.12	-12.38		ppb
Potassium	39-2	67.47	43.74	58.25	56.49	21.17	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	2.94	2.98	0.00	1.97	86.61	ppb
Selenium	78-2	1.26	-0.15	1.78	0.96	103.66	ppb
Selenium	82-1	-0.58	-0.18	1.41	0.22	480.03	ppb
Silicon	28-1	-13.56	-12.37	-3.11	-9.68		ppb
Silver	109-1	0.05	0.07	0.06	0.06	11.71	ppb
Silver	107-1	0.07	0.05	0.06	0.06	13.16	ppb
Sodium	23-2	96.38	105.02	98.19	99.86	4.56	ppb
Strontium	86-1	-0.11	0.02	-0.12	-0.07		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-19.64	142.11	-458.10	-111.88		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.01	0.02	0.01	113.68	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	10.28	ppb
Tin	118-1	0.07	0.05	0.05	0.06	24.65	ppb
Titanium	47-1	-0.12	-0.03	-0.09	-0.08		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	60.94	ppb
Vanadium	51-2	-0.03	0.01	0.01	0.00		ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	0.19	0.22	0.10	0.17	35.06	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:32:26	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.02	0.02	9.67	ppb
Zirconium	91-1	0.04	0.02	0.06	0.04	47.66	ppb

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 11:40:40	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53	113	48	71	51.07	cps
Antimony	121-1	33	42	50	42	20.00	cps
Arsenic	75-1	870	867	986	908	7.49	cps
Barium	135-1	67	67	58	64	7.53	cps
Barium	137-1	75	108	75	86	22.35	cps
Beryllium	9-1	30	30	73	44	56.29	cps
Bismuth	209-1	1511584	1504140	1534284	1516669	1.04	cps
Bismuth	209-2	779829	770925	808258	786337	2.48	cps
Boron	10-1	75	25	83	61	51.63	cps
Boron	11-1	433	267	267	322	29.86	cps
Cadmium	111-1	590	577	609	592	2.69	cps
Cadmium	106-1	825	825	858	836	2.30	cps
Cadmium	108-1	0	13	13	8	86.60	cps
Calcium	43-1	410	363	357	377	7.71	cps
Calcium	44-1	38556	38606	38844	38669	0.40	cps
Chromium	52-2	2044	1920	1917	1960	3.68	cps
Cobalt	59-2	100	113	100	104	7.37	cps
Copper	63-2	580	573	637	597	5.83	cps
Dysprosium	156-1	50	42	17	36	48.03	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	17	0	17	11	86.60	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	33	8	17	19	65.47	cps
Gadolinium	160-2	3	7	13	8	65.47	cps
Holmium	165-1	2609537	2561797	2683751	2618362	2.35	cps
Holmium	165-2	1097322	1076839	1111246	1095136	1.58	cps
Indium	115-1	2630218	2620186	2628960	2626455	0.21	cps
Indium	115-2	265385	256810	268748	263648	2.33	cps
Iron	56-2	5390	4679	4645	4905	8.58	cps
Iron	57-2	128	122	183	144	23.39	cps
Krypton	83-1	850	920	927	899	4.72	cps
Lead	206-1	150	67	167	128	41.93	cps
Lead	207-1	61	94	83	80	21.32	cps
Lead	208-1	411	456	567	478	16.77	cps
Lithium	6-1	418382	416667	419278	418109	0.32	cps
Magnesium	24-2	567	467	533	522	9.75	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 11:40:40	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	87	90	120	99	18.56	cps
Molybdenum	94-1	133	117	125	125	6.67	cps
Molybdenum	95-1	0	33	8	14	124.91	cps
Molybdenum	96-1	67	67	83	72	13.33	cps
Molybdenum	97-1	150	125	142	139	9.16	cps
Molybdenum	98-1	33	42	67	47	36.74	cps
Neodymium	150-1	0	7	27	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	140	133	140	138	2.79	cps
Phosphorus	31-2	8	25	25	19	49.50	cps
Potassium	39-2	7411	7035	6985	7144	3.25	cps
Rhodium	103-1	2707044	2674661	2742488	2708064	1.25	cps
Rhodium	103-2	1194977	1169041	1216300	1193440	1.98	cps
Scandium	45-1	2390500	2346589	2378572	2371887	0.96	cps
Scandium	45-2	39556	39823	41364	40248	2.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	-6	-129	-69	-68	-91.03	cps
Silicon	28-1	468162	467389	468485	468012	0.12	cps
Silver	109-1	100	75	92	89	14.33	cps
Silver	107-1	142	100	117	119	17.55	cps
Sodium	23-2	11538	10796	11488	11274	3.68	cps
Strontium	86-1	1467	1492	1392	1450	3.59	cps
Strontium	88-1	125	150	142	139	9.16	cps
Sulfur	34-1	527613	529806	526998	528139	0.28	cps
Terbium	159-1	2833068	2787206	2831601	2817292	0.93	cps
Terbium	159-2	1095506	1069563	1118053	1094374	2.22	cps
Thallium	203-1	67	42	100	69	42.14	cps
Thallium	205-1	167	158	175	167	5.00	cps
Tin	118-1	308	242	275	275	12.12	cps
Titanium	47-1	158	225	175	186	18.64	cps
Uranium	238-1	33	17	58	36	58.07	cps
Vanadium	51-2	30	30	30	30	0.00	cps
Yttrium	89-1	3249784	3232134	3257812	3246577	0.40	cps
Yttrium	89-2	221882	215337	224850	220690	2.21	cps
Zinc	66-2	60	40	73	58	29.04	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 11:40:40	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	325	292	275	297	8.56	cps
Zirconium	91-1	17	42	92	50	76.37	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 11:48:16	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	290	225	228	248	14.88	cps
Antimony	121-1	7636	7619	7102	7452	4.07	cps
Arsenic	75-1	2441	2492	2304	2412	4.02	cps
Barium	135-1	7986	7703	8111	7933	2.64	cps
Barium	137-1	13608	13658	13441	13569	0.84	cps
Beryllium	9-1	833	823	917	858	5.97	cps
Bismuth	209-1	1500592	1500604	1503745	1501647	0.12	cps
Bismuth	209-2	785909	786936	783660	785502	0.21	cps
Boron	10-1	2950	3150	2692	2931	7.84	cps
Boron	11-1	13732	14867	14241	14280	3.98	cps
Cadmium	111-1	1418	1384	1413	1405	1.31	cps
Cadmium	106-1	925	825	767	839	9.55	cps
Cadmium	108-1	83	92	46	74	33.17	cps
Calcium	43-1	7009	7069	6945	7007	0.88	cps
Calcium	44-1	143624	146826	146365	145605	1.19	cps
Chromium	52-2	3841	4031	4097	3990	3.34	cps
Cobalt	59-2	1984	1820	1787	1863	5.65	cps
Copper	63-2	3307	3504	3464	3425	3.04	cps
Dysprosium	156-1	50	17	25	31	56.77	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	17	17	42	25	57.73	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-1	75	25	50	50	50.00	cps
Gadolinium	160-2	7	10	3	7	50.03	cps
Holmium	165-1	2620570	2610734	2600096	2610467	0.39	cps
Holmium	165-2	1084409	1094837	1093287	1090844	0.52	cps
Indium	115-1	2603826	2626511	2610234	2613524	0.45	cps
Indium	115-2	261553	260016	263325	261631	0.63	cps
Iron	56-2	39334	38972	38955	39087	0.55	cps
Iron	57-2	945	1111	978	1011	8.72	cps
Krypton	83-1	913	917	1003	944	5.40	cps
Lead	206-1	1650	1839	1678	1722	5.92	cps
Lead	207-1	1645	1628	1600	1624	1.38	cps
Lead	208-1	7168	7329	7212	7236	1.15	cps
Lithium	6-1	411790	409310	411390	410830	0.32	cps
Magnesium	24-2	21609	21417	21575	21534	0.48	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 11:48:16	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	430	410	467	436	6.60	cps
Molybdenum	94-1	7728	7602	7694	7675	0.84	cps
Molybdenum	95-1	9437	9954	9187	9526	4.11	cps
Molybdenum	96-1	10838	10955	10613	10802	1.61	cps
Molybdenum	97-1	5776	6335	6285	6132	5.04	cps
Molybdenum	98-1	15051	15318	15568	15312	1.69	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	683	640	593	639	7.04	cps
Phosphorus	31-2	33	17	58	36	58.08	cps
Potassium	39-2	20741	20090	20908	20580	2.10	cps
Rhodium	103-1	2626270	2675235	2678047	2659851	1.09	cps
Rhodium	103-2	1193480	1189119	1199672	1194091	0.44	cps
Scandium	45-1	2305373	2329612	2327244	2320743	0.58	cps
Scandium	45-2	39786	40375	40218	40126	0.76	cps
Selenium	77-2	3	10	7	7	50.03	cps
Selenium	78-2	24	13	22	20	30.14	cps
Selenium	82-1	250	314	221	262	18.19	cps
Silicon	28-1	499082	497998	497951	498343	0.13	cps
Silver	109-1	4493	4776	4509	4593	3.46	cps
Silver	107-1	5043	4701	4593	4779	4.92	cps
Sodium	23-2	58789	57400	56965	57718	1.65	cps
Strontium	86-1	2617	2325	2434	2459	6.00	cps
Strontium	88-1	10621	9987	10388	10332	3.10	cps
Sulfur	34-1	525825	531638	531348	529604	0.62	cps
Terbium	159-1	2835162	2785164	2811934	2810753	0.89	cps
Terbium	159-2	1085892	1095224	1093964	1091694	0.46	cps
Thallium	203-1	2350	2250	2109	2236	5.43	cps
Thallium	205-1	4826	5293	4868	4996	5.17	cps
Tin	118-1	14033	14350	13683	14022	2.38	cps
Titanium	47-1	3826	3226	3459	3503	8.64	cps
Uranium	238-1	6394	6385	5968	6249	3.89	cps
Vanadium	51-2	3791	3807	3751	3783	0.77	cps
Yttrium	89-1	3213070	3187910	3190124	3197035	0.44	cps
Yttrium	89-2	218570	219961	223883	220804	1.25	cps
Zinc	66-2	377	367	417	387	6.84	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 11:48:16	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6560	6602	6085	6416	4.48	cps
Zirconium	91-1	1350	1492	1458	1433	5.17	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 11:52:13	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10344	10424	10234	10334	0.92	cps
Antimony	121-1	214657	211799	213136	213197	0.67	cps
Arsenic	75-1	79271	82195	81474	80980	1.88	cps
Barium	135-1	208738	210127	207853	208906	0.55	cps
Barium	137-1	362048	361044	365310	362800	0.61	cps
Beryllium	9-1	44445	44559	44422	44475	0.17	cps
Bismuth	209-1	1517366	1538156	1540151	1531891	0.82	cps
Bismuth	209-2	802358	809891	799267	803839	0.68	cps
Boron	10-1	6027	6093	6310	6143	2.41	cps
Boron	11-1	30508	30425	31202	30712	1.39	cps
Cadmium	111-1	51120	50867	51435	51141	0.56	cps
Cadmium	106-1	6202	6243	6368	6271	1.38	cps
Cadmium	108-1	3755	3871	3638	3755	3.11	cps
Calcium	43-1	72599	73015	73257	72957	0.46	cps
Calcium	44-1	1210706	1218506	1215966	1215059	0.33	cps
Chromium	52-2	53007	53813	53365	53395	0.76	cps
Cobalt	59-2	96310	97005	97649	96988	0.69	cps
Copper	63-2	153608	154022	156149	154593	0.88	cps
Dysprosium	156-1	100	42	25	56	70.89	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	25	17	8	17	50.01	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	25	42	42	36	26.65	cps
Gadolinium	160-2	0	3	3	2	86.60	cps
Holmium	165-1	2631739	2645186	2627304	2634743	0.35	cps
Holmium	165-2	1107188	1129931	1112461	1116527	1.07	cps
Indium	115-1	2672445	2645408	2666577	2661477	0.53	cps
Indium	115-2	267694	268103	265254	267017	0.58	cps
Iron	56-2	1778359	1772767	1784075	1778400	0.32	cps
Iron	57-2	44076	44204	44705	44328	0.75	cps
Krypton	83-1	990	903	843	912	8.08	cps
Lead	206-1	94304	95883	95362	95183	0.85	cps
Lead	207-1	85481	85660	87623	86254	1.38	cps
Lead	208-1	385804	388607	390507	388306	0.61	cps
Lithium	6-1	423886	428133	429428	427149	0.68	cps
Magnesium	24-2	221545	222821	219991	221452	0.64	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 11:52:13	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	32972	33373	33881	33409	1.36	cps
Molybdenum	94-1	424212	422163	423807	423394	0.26	cps
Molybdenum	95-1	526441	522291	531710	526814	0.90	cps
Molybdenum	96-1	583874	577852	582185	581304	0.53	cps
Molybdenum	97-1	323129	319866	324257	322417	0.71	cps
Molybdenum	98-1	827515	825755	828402	827224	0.16	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	27581	27494	27958	27678	0.89	cps
Phosphorus	31-2	817	992	967	925	10.23	cps
Potassium	39-2	79977	80120	79130	79742	0.67	cps
Rhodium	103-1	2673253	2677020	2710763	2687012	0.77	cps
Rhodium	103-2	1205636	1204700	1193664	1201333	0.55	cps
Scandium	45-1	2349855	2360053	2365992	2358633	0.35	cps
Scandium	45-2	40709	40756	39756	40407	1.40	cps
Selenium	77-2	57	50	47	51	9.96	cps
Selenium	78-2	211	193	194	199	5.11	cps
Selenium	82-1	3886	4043	4044	3991	2.28	cps
Silicon	28-1	658505	664628	661946	661693	0.46	cps
Silver	109-1	232174	231471	232476	232040	0.22	cps
Silver	107-1	241207	244814	251127	245716	2.04	cps
Sodium	23-2	513618	520681	518017	517439	0.69	cps
Strontium	86-1	76624	77068	78342	77345	1.15	cps
Strontium	88-1	649981	653057	652506	651848	0.25	cps
Sulfur	34-1	551417	549556	556461	552478	0.65	cps
Terbium	159-1	2804402	2850001	2861084	2838495	1.06	cps
Terbium	159-2	1114083	1118027	1112385	1114832	0.26	cps
Thallium	203-1	118549	119088	120820	119486	0.99	cps
Thallium	205-1	281413	285823	286140	284459	0.93	cps
Tin	118-1	141946	142511	142822	142427	0.31	cps
Titanium	47-1	179572	176693	179666	178644	0.95	cps
Uranium	238-1	348515	347164	352968	349549	0.87	cps
Vanadium	51-2	38998	39035	39028	39020	0.05	cps
Yttrium	89-1	3232448	3273942	3250967	3252452	0.64	cps
Yttrium	89-2	225333	221234	221473	222680	1.03	cps
Zinc	66-2	17925	18075	18679	18227	2.19	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 11:52:13	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	342895	352305	350820	348673	1.45	cps
Zirconium	91-1	74756	76382	77488	76209	1.80	cps

LB Number : LB101168 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-05 11:56:10 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25582	26499	26369	26150	1.90	cps
Antimony	121-1	539199	537076	547128	541134	0.98	cps
Arsenic	75-1	203182	202706	205649	203846	0.77	cps
Barium	135-1	532365	524203	537005	531191	1.22	cps
Barium	137-1	929334	926220	936946	930833	0.59	cps
Beryllium	9-1	112459	113171	116536	114055	1.91	cps
Bismuth	209-1	1549337	1579328	1591789	1573484	1.39	cps
Bismuth	209-2	807916	832483	826848	822416	1.56	cps
Boron	10-1	15576	15167	16160	15634	3.19	cps
Boron	11-1	77484	77342	80174	78334	2.04	cps
Cadmium	111-1	130419	130067	131037	130508	0.38	cps
Cadmium	106-1	15234	14608	14800	14881	2.15	cps
Cadmium	108-1	9545	9333	9683	9520	1.85	cps
Calcium	43-1	181297	181585	183777	182220	0.74	cps
Calcium	44-1	3013167	3005481	3004091	3007580	0.16	cps
Chromium	52-2	129842	130590	130708	130380	0.36	cps
Cobalt	59-2	242139	246011	245206	244452	0.84	cps
Copper	63-2	386475	390248	393337	390020	0.88	cps
Dysprosium	156-1	50	83	33	56	45.83	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	50	42	25	39	32.73	cps
Gadolinium	160-2	17	7	7	10	57.72	cps
Holmium	165-1	2699449	2744929	2759753	2734710	1.15	cps
Holmium	165-2	1122136	1156948	1159825	1146303	1.83	cps
Indium	115-1	2650321	2722653	2744747	2705907	1.83	cps
Indium	115-2	261701	271553	269673	267643	1.95	cps
Iron	56-2	4468493	4530801	4505602	4501632	0.70	cps
Iron	57-2	112568	113435	111112	112372	1.04	cps
Krypton	83-1	963	883	900	916	4.61	cps
Lead	206-1	245023	243012	243279	243772	0.45	cps
Lead	207-1	219172	220524	223971	221223	1.12	cps
Lead	208-1	989509	987342	1000413	992421	0.71	cps
Lithium	6-1	435703	437034	441389	438042	0.68	cps
Magnesium	24-2	553541	555486	554054	554360	0.18	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 11:56:10	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	82780	84141	83363	83428	0.82	cps
Molybdenum	94-1	1066529	1074472	1073304	1071435	0.40	cps
Molybdenum	95-1	1325993	1339142	1351493	1338876	0.95	cps
Molybdenum	96-1	1495734	1538349	1507244	1513776	1.46	cps
Molybdenum	97-1	818215	826582	812965	819254	0.84	cps
Molybdenum	98-1	2096656	2154771	2131038	2127489	1.37	cps
Neodymium	150-1	13	20	40	24	56.78	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	69358	69610	70457	69808	0.82	cps
Phosphorus	31-2	2167	2350	2200	2239	4.36	cps
Potassium	39-2	185923	189753	190978	188885	1.40	cps
Rhodium	103-1	2660013	2752869	2736630	2716504	1.83	cps
Rhodium	103-2	1185830	1216910	1226222	1209654	1.75	cps
Scandium	45-1	2356739	2376837	2427190	2386922	1.52	cps
Scandium	45-2	39338	40495	41381	40405	2.54	cps
Selenium	77-2	113	157	170	147	20.20	cps
Selenium	78-2	452	487	506	481	5.67	cps
Selenium	82-1	9683	10095	9968	9915	2.13	cps
Silicon	28-1	951660	946217	955119	950999	0.47	cps
Silver	109-1	589633	591899	592333	591288	0.25	cps
Silver	107-1	617923	620016	627523	621821	0.81	cps
Sodium	23-2	1306952	1318926	1349870	1325249	1.67	cps
Strontium	86-1	193554	195288	193124	193989	0.59	cps
Strontium	88-1	1678111	1685945	1669604	1677887	0.49	cps
Sulfur	34-1	581267	576364	580152	579261	0.44	cps
Terbium	159-1	2872446	2948526	2936155	2919043	1.40	cps
Terbium	159-2	1125739	1160377	1150825	1145647	1.56	cps
Thallium	203-1	306744	311448	307064	308419	0.85	cps
Thallium	205-1	737554	729049	729392	731998	0.66	cps
Tin	118-1	357551	359799	362336	359895	0.67	cps
Titanium	47-1	447260	445374	450979	447871	0.64	cps
Uranium	238-1	898959	906272	911538	905590	0.70	cps
Vanadium	51-2	97255	98936	98188	98126	0.86	cps
Yttrium	89-1	3293765	3325555	3307185	3308835	0.48	cps
Yttrium	89-2	219827	230600	227020	225815	2.43	cps
Zinc	66-2	44979	45428	45317	45241	0.52	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 11:56:10	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	889644	898298	885419	891120	0.74	cps
Zirconium	91-1	194539	199012	195283	196278	1.22	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:00:03	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52186	52550	51402	52046	1.13	cps
Antimony	121-1	1114580	1121753	1120167	1118833	0.34	cps
Arsenic	75-1	409693	413041	410039	410925	0.45	cps
Barium	135-1	1083674	1093180	1093737	1090197	0.52	cps
Barium	137-1	1927499	1944476	1933643	1935206	0.44	cps
Beryllium	9-1	232429	234316	235137	233961	0.59	cps
Bismuth	209-1	1618252	1634031	1628677	1626987	0.49	cps
Bismuth	209-2	847672	851737	849827	849745	0.24	cps
Boron	10-1	30525	31970	31995	31497	2.67	cps
Boron	11-1	156538	161383	164668	160863	2.54	cps
Cadmium	111-1	263873	263990	266473	264779	0.55	cps
Cadmium	106-1	29358	27963	30301	29208	4.03	cps
Cadmium	108-1	19356	19193	19060	19203	0.77	cps
Calcium	43-1	368901	373651	370799	371117	0.64	cps
Calcium	44-1	6010971	6048324	6057682	6038992	0.41	cps
Chromium	52-2	259995	259705	259914	259871	0.06	cps
Cobalt	59-2	491594	491741	492314	491883	0.08	cps
Copper	63-2	788641	782075	776087	782268	0.80	cps
Dysprosium	156-1	50	33	25	36	35.25	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	33	0	17	17	99.99	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	25	50	42	39	32.73	cps
Gadolinium	160-2	3	10	7	7	50.03	cps
Holmium	165-1	2847145	2869072	2796276	2837497	1.32	cps
Holmium	165-2	1178801	1191289	1178740	1182943	0.61	cps
Indium	115-1	2770180	2747338	2765670	2761063	0.44	cps
Indium	115-2	272319	270602	272926	271949	0.44	cps
Iron	56-2	8931500	8923990	8921565	8925685	0.06	cps
Iron	57-2	224272	225311	224920	224834	0.23	cps
Krypton	83-1	927	950	907	928	2.34	cps
Lead	206-1	499524	505158	502092	502258	0.56	cps
Lead	207-1	454584	457799	459904	457429	0.59	cps
Lead	208-1	2034682	2033303	2052280	2040088	0.52	cps
Lithium	6-1	454138	455712	463890	457914	1.14	cps
Magnesium	24-2	1129678	1116664	1116012	1120785	0.69	cps

LB Number : LB101168 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-05 12:00:03 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	169680	170432	170625	170246	0.29	cps
Molybdenum	94-1	2201084	2223873	2201357	2208771	0.59	cps
Molybdenum	95-1	2812527	2835127	2772276	2806643	1.13	cps
Molybdenum	96-1	3076005	3053594	3071220	3066940	0.38	cps
Molybdenum	97-1	1695893	1712027	1715025	1707648	0.60	cps
Molybdenum	98-1	4295694	4377852	4357806	4343784	0.99	cps
Neodymium	150-1	47	47	40	44	8.66	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	139938	141062	139399	140133	0.61	cps
Phosphorus	31-2	4568	4534	4618	4573	0.92	cps
Potassium	39-2	376443	374381	370892	373905	0.75	cps
Rhodium	103-1	2754342	2756490	2758659	2756497	0.08	cps
Rhodium	103-2	1223989	1226396	1230134	1226839	0.25	cps
Scandium	45-1	2434866	2445064	2373464	2417798	1.60	cps
Scandium	45-2	41227	40893	40916	41012	0.45	cps
Selenium	77-2	273	303	257	278	8.51	cps
Selenium	78-2	1069	1032	939	1013	6.59	cps
Selenium	82-1	20050	20258	20165	20157	0.52	cps
Silicon	28-1	1233001	1243235	1254588	1243608	0.87	cps
Silver	109-1	1186015	1194972	1209113	1196700	0.97	cps
Silver	107-1	1263360	1270064	1273594	1269006	0.41	cps
Sodium	23-2	2608465	2623973	2638651	2623696	0.58	cps
Strontium	86-1	394343	399071	390880	394764	1.04	cps
Strontium	88-1	3369148	3391763	3394292	3385068	0.41	cps
Sulfur	34-1	635859	638619	633684	636054	0.39	cps
Terbium	159-1	3023319	2997923	3050957	3024066	0.88	cps
Terbium	159-2	1182554	1186113	1183892	1184187	0.15	cps
Thallium	203-1	634321	633981	634510	634271	0.04	cps
Thallium	205-1	1496410	1515227	1522271	1511303	0.88	cps
Tin	118-1	736532	747791	745540	743288	0.80	cps
Titanium	47-1	914296	915601	907270	912389	0.49	cps
Uranium	238-1	1890795	1886092	1948861	1908583	1.83	cps
Vanadium	51-2	198752	196237	196220	197070	0.74	cps
Yttrium	89-1	3411518	3404581	3336791	3384297	1.22	cps
Yttrium	89-2	229211	230568	230274	230018	0.31	cps
Zinc	66-2	92721	92469	92237	92476	0.26	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:00:03	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1809253	1826126	1789823	1808401	1.00	cps
Zirconium	91-1	392704	394476	387485	391555	0.93	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:03:51	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	102725	103458	102468	102883	0.50	cps
Antimony	121-1	2279770	2301839	2268789	2283466	0.74	cps
Arsenic	75-1	820581	812639	815163	816128	0.50	cps
Barium	135-1	2221882	2258558	2208337	2229592	1.17	cps
Barium	137-1	3902985	3872223	3838705	3871304	0.83	cps
Beryllium	9-1	474007	468220	464633	468953	1.01	cps
Bismuth	209-1	1678967	1633282	1639195	1650481	1.51	cps
Bismuth	209-2	851088	847248	849525	849287	0.23	cps
Boron	10-1	63458	64094	63877	63810	0.51	cps
Boron	11-1	321976	322747	323682	322802	0.26	cps
Cadmium	111-1	528773	529155	526094	528007	0.32	cps
Cadmium	106-1	56737	56503	57239	56826	0.66	cps
Cadmium	108-1	37862	38280	37536	37892	0.98	cps
Calcium	43-1	740462	737631	725097	734397	1.11	cps
Calcium	44-1	12011502	11901251	11822767	11911840	0.80	cps
Chromium	52-2	507555	510776	509976	509436	0.33	cps
Cobalt	59-2	960850	970035	961835	964240	0.52	cps
Copper	63-2	1521619	1518911	1520119	1520216	0.09	cps
Dysprosium	156-1	17	50	42	36	48.03	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	42	8	25	25	66.68	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	67	58	33	53	32.88	cps
Gadolinium	160-2	0	10	7	6	91.64	cps
Holmium	165-1	2874884	2890022	2855007	2873304	0.61	cps
Holmium	165-2	1188804	1190516	1185607	1188309	0.21	cps
Indium	115-1	2758893	2743672	2790193	2764253	0.86	cps
Indium	115-2	266898	266118	268182	267066	0.39	cps
Iron	56-2	17650897	17472980	17574909	17566262	0.51	cps
Iron	57-2	441481	442238	443379	442366	0.22	cps
Krypton	83-1	973	920	967	953	3.05	cps
Lead	206-1	993700	1012838	1013218	1006585	1.11	cps
Lead	207-1	920616	927085	924444	924048	0.35	cps
Lead	208-1	4182900	4196171	4215896	4198322	0.40	cps
Lithium	6-1	463794	469334	466462	466530	0.59	cps
Magnesium	24-2	2179409	2203679	2216807	2199965	0.86	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:03:51	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	331070	329827	330723	330540	0.19	cps
Molybdenum	94-1	4402051	4367703	4379438	4383064	0.40	cps
Molybdenum	95-1	5579776	5535806	5533997	5549860	0.47	cps
Molybdenum	96-1	6096774	6081575	6137626	6105325	0.47	cps
Molybdenum	97-1	3439950	3371056	3364167	3391724	1.24	cps
Molybdenum	98-1	8667063	8466618	8570460	8568047	1.17	cps
Neodymium	150-1	133	87	107	109	21.50	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	273745	273030	275549	274108	0.47	cps
Phosphorus	31-2	8745	8970	9037	8917	1.72	cps
Potassium	39-2	721296	728042	723650	724329	0.47	cps
Rhodium	103-1	2764127	2679520	2774243	2739297	1.90	cps
Rhodium	103-2	1203969	1204554	1212430	1206984	0.39	cps
Scandium	45-1	2419334	2436135	2428953	2428141	0.35	cps
Scandium	45-2	41522	40903	41341	41255	0.77	cps
Selenium	77-2	587	547	567	567	3.53	cps
Selenium	78-2	2006	1965	2078	2016	2.84	cps
Selenium	82-1	40670	39899	39575	40048	1.40	cps
Silicon	28-1	2009407	2018710	2004200	2010772	0.37	cps
Silver	109-1	2463384	2421854	2443238	2442825	0.85	cps
Silver	107-1	2582011	2548956	2548836	2559934	0.75	cps
Sodium	23-2	5065504	5059248	5033690	5052814	0.33	cps
Strontium	86-1	793297	788166	780125	787196	0.84	cps
Strontium	88-1	6679108	6741475	6697913	6706165	0.48	cps
Sulfur	34-1	754971	749792	750344	751702	0.38	cps
Terbium	159-1	3067201	3055839	3071021	3064687	0.26	cps
Terbium	159-2	1184224	1171251	1172930	1176135	0.60	cps
Thallium	203-1	1279169	1274640	1273937	1275915	0.22	cps
Thallium	205-1	3053314	3121945	3120442	3098567	1.27	cps
Tin	118-1	1508677	1488681	1464003	1487121	1.50	cps
Titanium	47-1	1861056	1855509	1845466	1854010	0.43	cps
Uranium	238-1	3901308	3908409	3910368	3906695	0.12	cps
Vanadium	51-2	391630	390922	392679	391744	0.23	cps
Yttrium	89-1	3396092	3395915	3406943	3399650	0.19	cps
Yttrium	89-2	225656	226320	228787	226921	0.73	cps
Zinc	66-2	179336	178971	181180	179829	0.66	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:03:51	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3667039	3644056	3625536	3645544	0.57	cps
Zirconium	91-1	798775	792693	796140	795870	0.38	cps

LB Number : LB101168 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-05 12:07:34 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	207392	204855	201419	204555	1.47	cps
Antimony	121-1	4513286	4515957	4557572	4528939	0.55	cps
Arsenic	75-1	1680392	1656794	1681442	1672876	0.83	cps
Barium	135-1	4447256	4438371	4418721	4434783	0.33	cps
Barium	137-1	7666927	7758990	7634744	7686887	0.84	cps
Beryllium	9-1	914290	906477	919800	913522	0.73	cps
Bismuth	209-1	1615264	1654663	1665520	1645149	1.61	cps
Bismuth	209-2	834902	829429	829688	831340	0.37	cps
Boron	10-1	124630	126444	126705	125927	0.90	cps
Boron	11-1	632877	635415	644613	637635	0.97	cps
Cadmium	111-1	1042787	1043934	1033807	1040176	0.53	cps
Cadmium	106-1	112702	113754	112248	112901	0.68	cps
Cadmium	108-1	75117	75749	76001	75622	0.60	cps
Calcium	43-1	1486131	1502531	1486446	1491703	0.63	cps
Calcium	44-1	23686375	23593800	23791312	23690496	0.42	cps
Chromium	52-2	1018487	1019647	1005883	1014672	0.75	cps
Cobalt	59-2	1950426	1961389	1921676	1944497	1.05	cps
Copper	63-2	3069172	3031444	2978174	3026263	1.51	cps
Dysprosium	156-1	58	50	75	61	20.84	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	0	42	8	17	132.30	cps
Erbium	164-2	0	10	3	4	114.60	cps
Gadolinium	160-1	8	42	33	28	62.46	cps
Gadolinium	160-2	23	3	13	13	75.02	cps
Holmium	165-1	2919832	2864973	2872140	2885648	1.03	cps
Holmium	165-2	1186178	1190107	1175243	1183843	0.65	cps
Indium	115-1	2669918	2715854	2700230	2695334	0.87	cps
Indium	115-2	263094	259907	254456	259152	1.69	cps
Iron	56-2	35228242	35235799	34426689	34963577	1.33	cps
Iron	57-2	880562	881965	870227	877584	0.73	cps
Krypton	83-1	903	973	953	943	3.82	cps
Lead	206-1	2052136	2046123	2044706	2047655	0.19	cps
Lead	207-1	1881459	1895074	1906909	1894481	0.67	cps
Lead	208-1	8350435	8432378	8396663	8393159	0.49	cps
Lithium	6-1	454394	451313	459025	454911	0.85	cps
Magnesium	24-2	4352379	4302054	4303156	4319196	0.67	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:07:34	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	666108	664610	655015	661911	0.91	cps
Molybdenum	94-1	8793498	8686921	8744985	8741802	0.61	cps
Molybdenum	95-1	11062736	10920563	11140330	11041210	1.01	cps
Molybdenum	96-1	12155611	12108881	12194961	12153151	0.35	cps
Molybdenum	97-1	6747463	6691084	6753139	6730562	0.51	cps
Molybdenum	98-1	17081835	17138109	17405431	17208459	1.00	cps
Neodymium	150-1	180	227	240	216	14.62	cps
Neodymium	150-2	17	7	7	10	57.72	cps
Nickel	60-2	544506	539491	530024	538007	1.37	cps
Phosphorus	31-2	18095	17437	17169	17567	2.71	cps
Potassium	39-2	1460238	1449885	1438203	1449442	0.76	cps
Rhodium	103-1	2702088	2687250	2714934	2701424	0.51	cps
Rhodium	103-2	1199867	1188680	1191751	1193433	0.48	cps
Scandium	45-1	2404970	2388927	2415049	2402982	0.55	cps
Scandium	45-2	41224	40729	40552	40835	0.85	cps
Selenium	77-2	1177	1247	1103	1176	6.10	cps
Selenium	78-2	4108	4027	3901	4012	2.61	cps
Selenium	82-1	79109	79430	79652	79397	0.34	cps
Silicon	28-1	3373545	3373147	3348988	3365227	0.42	cps
Silver	109-1	4743718	4814685	4773712	4777372	0.75	cps
Silver	107-1	5000345	4977579	5103465	5027130	1.33	cps
Sodium	23-2	10148904	9963561	9943547	10018671	1.13	cps
Strontium	86-1	1605357	1591825	1586284	1594489	0.62	cps
Strontium	88-1	13397487	13358375	13346667	13367510	0.20	cps
Sulfur	34-1	992842	994222	984360	990475	0.54	cps
Terbium	159-1	3042117	3087050	3080183	3069783	0.79	cps
Terbium	159-2	1177815	1173992	1166667	1172825	0.48	cps
Thallium	203-1	2600597	2593118	2609832	2601182	0.32	cps
Thallium	205-1	6049557	6106652	6077888	6078032	0.47	cps
Tin	118-1	2995134	2934213	2999107	2976151	1.22	cps
Titanium	47-1	3652175	3609576	3638747	3633500	0.60	cps
Uranium	238-1	7557428	7674769	7602804	7611667	0.78	cps
Vanadium	51-2	789550	779633	781110	783431	0.68	cps
Yttrium	89-1	3416963	3406943	3402120	3408675	0.22	cps
Yttrium	89-2	229629	228451	226522	228200	0.69	cps
Zinc	66-2	356926	356043	351914	354961	0.75	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:07:34	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7235956	7126006	7150161	7170708	0.81	cps
Zirconium	91-1	1621946	1594975	1603202	1606708	0.86	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:11:08	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1054211	1056335	1063093	1057880	0.44	cps
Antimony	121-1	6035	6043	5843	5974	1.89	cps
Arsenic	75-1	3434	3272	3164	3290	4.14	cps
Barium	135-1	567	642	433	547	19.28	cps
Barium	137-1	725	858	775	786	8.57	cps
Beryllium	9-1	290	217	237	248	15.30	cps
Bismuth	209-1	1512577	1489960	1495386	1499308	0.79	cps
Bismuth	209-2	746097	743621	738773	742830	0.50	cps
Boron	10-1	2575	2709	2275	2520	8.81	cps
Boron	11-1	13565	12239	11297	12367	9.22	cps
Cadmium	111-1	820	681	700	734	10.23	cps
Cadmium	106-1	1058	858	892	936	11.45	cps
Cadmium	108-1	13	4	17	11	57.27	cps
Calcium	43-1	7425386	7415266	7369975	7403542	0.40	cps
Calcium	44-1	119896818	120428518	119966052	120097129	0.24	cps
Chromium	52-2	8539	8506	8813	8619	1.95	cps
Cobalt	59-2	21891	22044	21627	21854	0.97	cps
Copper	63-2	4644	4524	4427	4532	2.40	cps
Dysprosium	156-1	50	83	50	61	31.50	cps
Dysprosium	156-2	20	3	13	12	68.66	cps
Erbium	164-1	17	8	17	14	34.67	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	75	17	100	64	66.93	cps
Gadolinium	160-2	17	17	20	18	10.81	cps
Holmium	165-1	2876088	2772354	2730224	2792889	2.69	cps
Holmium	165-2	1116288	1113033	1108048	1112456	0.37	cps
Indium	115-1	2673867	2627130	2612221	2637739	1.22	cps
Indium	115-2	261213	257265	254089	257522	1.39	cps
Iron	56-2	171712021	172710715	171296043	171906259	0.42	cps
Iron	57-2	4333781	4336644	4278350	4316258	0.76	cps
Krypton	83-1	933	1007	983	974	3.85	cps
Lead	206-1	3050	2762	2973	2928	5.11	cps
Lead	207-1	2323	2595	2600	2506	6.34	cps
Lead	208-1	11169	11630	11497	11432	2.08	cps
Lithium	6-1	462043	457059	453977	457693	0.89	cps
Magnesium	24-2	21251090	21425724	21424502	21367106	0.47	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:11:08	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2427	2477	2290	2398	4.03	cps
Molybdenum	94-1	3234	3126	3376	3245	3.86	cps
Molybdenum	95-1	4426	4859	4743	4676	4.80	cps
Molybdenum	96-1	5977	5726	5710	5804	2.58	cps
Molybdenum	97-1	3017	3109	3092	3073	1.59	cps
Molybdenum	98-1	6910	7069	7019	6999	1.16	cps
Neodymium	150-1	60	27	100	62	59.01	cps
Neodymium	150-2	10	17	17	14	26.66	cps
Nickel	60-2	6642	6745	6705	6697	0.78	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	7219107	7274692	7241618	7245139	0.39	cps
Rhodium	103-1	2630120	2571536	2575956	2592537	1.26	cps
Rhodium	103-2	1134110	1113315	1111915	1119780	1.11	cps
Scandium	45-1	2453575	2385153	2341088	2393272	2.37	cps
Scandium	45-2	40555	40495	40652	40567	0.20	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	6	11	7	43.24	cps
Selenium	82-1	-15	-109	-62	-62	-75.92	cps
Silicon	28-1	643903	644356	632412	640224	1.06	cps
Silver	109-1	650	633	683	656	3.88	cps
Silver	107-1	592	658	642	631	5.50	cps
Sodium	23-2	49782800	49623405	50408668	49938291	0.83	cps
Strontium	86-1	7419	7444	7202	7355	1.81	cps
Strontium	88-1	48103	47960	47676	47913	0.45	cps
Sulfur	34-1	498819	500215	501275	500103	0.25	cps
Terbium	159-1	2975467	2952603	2956916	2961662	0.41	cps
Terbium	159-2	1131505	1116376	1109848	1119243	0.99	cps
Thallium	203-1	483	308	292	361	29.40	cps
Thallium	205-1	875	708	800	795	10.51	cps
Tin	118-1	1775	1825	1750	1784	2.14	cps
Titanium	47-1	717	658	808	728	10.39	cps
Uranium	238-1	342	267	275	294	13.96	cps
Vanadium	51-2	123	133	103	120	12.73	cps
Yttrium	89-1	3388483	3277608	3304023	3323372	1.74	cps
Yttrium	89-2	225814	223319	225957	225030	0.66	cps
Zinc	66-2	1994	1890	1797	1893	5.20	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:11:08	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1817	1925	1784	1842	4.02	cps
Zirconium	91-1	358	433	458	417	12.49	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:19:30	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5392	5530	5370	5431	1.60	cps
Antimony	121-1	829856	828391	827409	828552	0.15	cps
Arsenic	75-1	317357	325066	319496	320640	1.24	cps
Barium	135-1	81987	83514	83153	82885	0.96	cps
Barium	137-1	143825	143017	146048	144297	1.09	cps
Beryllium	9-1	81526	83778	83350	82885	1.44	cps
Bismuth	209-1	1481574	1500498	1503319	1495131	0.79	cps
Bismuth	209-2	780618	775130	767419	774389	0.86	cps
Boron	10-1	750	883	1025	886	15.52	cps
Boron	11-1	3909	3709	3676	3765	3.35	cps
Cadmium	111-1	99407	99307	100364	99692	0.59	cps
Cadmium	106-1	10171	10546	9604	10107	4.69	cps
Cadmium	108-1	6614	6760	6598	6657	1.34	cps
Calcium	43-1	29632	30079	29361	29690	1.22	cps
Calcium	44-1	517662	522345	513468	517825	0.86	cps
Chromium	52-2	102784	103694	104033	103504	0.62	cps
Cobalt	59-2	197377	196295	194592	196088	0.72	cps
Copper	63-2	157453	155859	156197	156503	0.54	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	42	25	31	31.50	cps
Erbium	164-2	13	23	20	19	26.96	cps
Gadolinium	160-1	17	8	17	14	34.67	cps
Gadolinium	160-2	3	3	20	9	108.30	cps
Holmium	165-1	2629820	2615820	2601419	2615686	0.54	cps
Holmium	165-2	1091949	1094007	1079563	1088506	0.72	cps
Indium	115-1	2692259	2657019	2666869	2672049	0.68	cps
Indium	115-2	265164	261319	259524	262002	1.10	cps
Iron	56-2	720412	712052	710255	714239	0.76	cps
Iron	57-2	18368	17795	18496	18220	2.05	cps
Krypton	83-1	960	973	930	954	2.33	cps
Lead	206-1	378015	377384	376530	377310	0.20	cps
Lead	207-1	326887	328176	331774	328946	0.77	cps
Lead	208-1	1491037	1506596	1509374	1502336	0.66	cps
Lithium	6-1	394074	401802	396391	397422	1.00	cps
Magnesium	24-2	52883	52565	54363	53270	1.80	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:19:30	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33641	33293	33056	33330	0.88	cps
Molybdenum	94-1	483	458	542	494	8.65	cps
Molybdenum	95-1	483	650	617	583	15.12	cps
Molybdenum	96-1	583	700	583	622	10.83	cps
Molybdenum	97-1	483	375	467	442	13.21	cps
Molybdenum	98-1	842	750	783	792	5.86	cps
Neodymium	150-1	7	20	33	20	66.65	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	55792	55550	55795	55712	0.25	cps
Phosphorus	31-2	17	33	25	25	33.32	cps
Potassium	39-2	68284	67504	67504	67764	0.66	cps
Rhodium	103-1	2725144	2696122	2722062	2714443	0.59	cps
Rhodium	103-2	1208921	1197047	1187036	1197668	0.91	cps
Scandium	45-1	2385783	2416685	2380654	2394374	0.81	cps
Scandium	45-2	42772	40539	40676	41329	3.03	cps
Selenium	77-2	213	250	223	229	8.28	cps
Selenium	78-2	772	761	780	771	1.21	cps
Selenium	82-1	15680	15822	15428	15643	1.28	cps
Silicon	28-1	448844	447304	450009	448719	0.30	cps
Silver	109-1	459683	463140	462653	461825	0.41	cps
Silver	107-1	478566	487613	484779	483653	0.96	cps
Sodium	23-2	228007	224968	220848	224607	1.60	cps
Strontium	86-1	4434	4017	4209	4220	4.94	cps
Strontium	88-1	25708	25742	27804	26418	4.54	cps
Sulfur	34-1	485332	484860	487330	485841	0.27	cps
Terbium	159-1	2823628	2817663	2802116	2814469	0.39	cps
Terbium	159-2	1098907	1077579	1089632	1088706	0.98	cps
Thallium	203-1	468660	471094	471160	470305	0.30	cps
Thallium	205-1	1122450	1131209	1136410	1130023	0.62	cps
Tin	118-1	283	525	492	433	30.22	cps
Titanium	47-1	100	150	225	158	39.73	cps
Uranium	238-1	158	217	117	164	30.65	cps
Vanadium	51-2	78083	77500	77637	77740	0.39	cps
Yttrium	89-1	3255720	3307788	3312324	3291944	0.96	cps
Yttrium	89-2	225529	224939	223003	224490	0.59	cps
Zinc	66-2	37631	37150	36575	37119	1.42	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:19:30	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	458	392	292	381	22.04	cps
Zirconium	91-1	283	242	242	256	9.41	cps

LB Number : LB101168 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-05 12:26:59 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	98	63	50	70	35.18	cps
Antimony	121-1	400	583	567	517	19.62	cps
Arsenic	75-1	1082	966	891	979	9.81	cps
Barium	135-1	25	42	17	28	45.82	cps
Barium	137-1	50	100	67	72	35.25	cps
Beryllium	9-1	93	87	100	93	7.14	cps
Bismuth	209-1	1487110	1478022	1479984	1481706	0.32	cps
Bismuth	209-2	761173	769077	777037	769096	1.03	cps
Boron	10-1	450	592	500	514	13.98	cps
Boron	11-1	2050	2117	2100	2089	1.66	cps
Cadmium	111-1	555	524	533	538	2.95	cps
Cadmium	106-1	783	742	725	750	4.01	cps
Cadmium	108-1	8	17	17	14	34.67	cps
Calcium	43-1	343	387	387	372	6.72	cps
Calcium	44-1	40391	40702	40709	40601	0.45	cps
Chromium	52-2	1960	2010	1880	1950	3.36	cps
Cobalt	59-2	103	123	137	121	13.85	cps
Copper	63-2	760	680	647	696	8.37	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	50	8	17	25	88.19	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	25	25	33	28	17.31	cps
Gadolinium	160-2	10	7	0	6	91.64	cps
Holmium	165-1	2582301	2577009	2577627	2578979	0.11	cps
Holmium	165-2	1076186	1077241	1078223	1077217	0.09	cps
Indium	115-1	2644320	2633695	2652751	2643589	0.36	cps
Indium	115-2	259283	261004	260235	260174	0.33	cps
Iron	56-2	4851	4990	4734	4858	2.63	cps
Iron	57-2	167	150	150	156	6.18	cps
Krypton	83-1	780	1007	930	906	12.73	cps
Lead	206-1	383	378	411	391	4.57	cps
Lead	207-1	406	333	339	359	11.19	cps
Lead	208-1	1578	1578	1567	1574	0.41	cps
Lithium	6-1	393427	390253	394191	392624	0.53	cps
Magnesium	24-2	550	508	492	517	5.82	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:26:59	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	97	100	107	101	5.04	cps
Molybdenum	94-1	133	175	242	183	29.81	cps
Molybdenum	95-1	125	100	50	92	41.66	cps
Molybdenum	96-1	150	108	125	128	16.41	cps
Molybdenum	97-1	142	83	142	122	27.55	cps
Molybdenum	98-1	100	150	117	122	20.83	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	123	123	109	22.98	cps
Phosphorus	31-2	25	8	42	25	66.68	cps
Potassium	39-2	8403	8219	7444	8022	6.34	cps
Rhodium	103-1	2721408	2681876	2658768	2687351	1.18	cps
Rhodium	103-2	1194846	1186463	1191731	1191013	0.36	cps
Scandium	45-1	2356739	2379743	2355538	2364007	0.58	cps
Scandium	45-2	40137	39475	40288	39967	1.08	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	142	-109	-103	-23	-616.12	cps
Silicon	28-1	433222	434785	438251	435419	0.59	cps
Silver	109-1	283	217	275	258	14.06	cps
Silver	107-1	292	283	225	267	13.62	cps
Sodium	23-2	17828	17912	17879	17873	0.23	cps
Strontium	86-1	1183	1300	1242	1242	4.70	cps
Strontium	88-1	92	83	142	106	29.89	cps
Sulfur	34-1	493411	493126	493557	493365	0.04	cps
Terbium	159-1	2765713	2785637	2771528	2774292	0.37	cps
Terbium	159-2	1070130	1069718	1077610	1072486	0.41	cps
Thallium	203-1	100	50	75	75	33.34	cps
Thallium	205-1	217	125	175	172	26.65	cps
Tin	118-1	267	350	225	281	22.69	cps
Titanium	47-1	58	183	117	119	52.36	cps
Uranium	238-1	58	33	42	44	28.64	cps
Vanadium	51-2	27	23	27	26	7.55	cps
Yttrium	89-1	3260009	3250285	3225392	3245229	0.55	cps
Yttrium	89-2	220570	220784	221746	221034	0.28	cps
Zinc	66-2	103	77	103	94	16.30	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:26:59	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	267	242	367	292	22.68	cps
Zirconium	91-1	33	117	75	75	55.56	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:30:34	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	898275	901072	900316	899888	0.16	cps
Antimony	121-1	4851	5093	5235	5060	3.83	cps
Arsenic	75-1	3933	3879	3674	3828	3.57	cps
Barium	135-1	1575	1383	1242	1400	11.95	cps
Barium	137-1	2367	1959	2117	2148	9.59	cps
Beryllium	9-1	333	327	257	306	13.90	cps
Bismuth	209-1	1498226	1468306	1482243	1482925	1.01	cps
Bismuth	209-2	767009	756902	757713	760541	0.74	cps
Boron	10-1	475	358	442	425	14.14	cps
Boron	11-1	2292	2284	2225	2267	1.60	cps
Cadmium	111-1	853	1008	901	920	8.61	cps
Cadmium	106-1	783	800	792	792	1.05	cps
Cadmium	108-1	750	575	754	693	14.76	cps
Calcium	43-1	1398962	1435184	1432269	1422138	1.42	cps
Calcium	44-1	22755240	22693448	22681881	22710190	0.17	cps
Chromium	52-2	21737	21310	21927	21658	1.46	cps
Cobalt	59-2	2377	2400	2347	2375	1.13	cps
Copper	63-2	12599	12859	12299	12586	2.23	cps
Dysprosium	156-1	17	33	8	19	65.47	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	50	25	17	31	56.77	cps
Erbium	164-2	7	10	0	6	91.64	cps
Gadolinium	160-1	17	42	33	31	41.66	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	2676113	2710391	2760328	2715610	1.56	cps
Holmium	165-2	1109060	1108993	1117070	1111708	0.42	cps
Indium	115-1	2683793	2617578	2659165	2653512	1.26	cps
Indium	115-2	257746	256194	257598	257179	0.33	cps
Iron	56-2	66174045	66859429	66464070	66499181	0.52	cps
Iron	57-2	1708264	1698305	1710347	1705639	0.38	cps
Krypton	83-1	977	863	830	890	8.64	cps
Lead	206-1	9393	9298	9337	9343	0.51	cps
Lead	207-1	7630	7252	7091	7325	3.78	cps
Lead	208-1	35070	34541	34363	34658	1.06	cps
Lithium	6-1	395224	391695	390935	392618	0.58	cps
Magnesium	24-2	4149817	4167889	4128401	4148703	0.48	cps

LB Number : LB101168 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-05 12:30:34 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2607	2634	2494	2578	2.88	cps
Molybdenum	94-1	2233940	2234340	2194977	2221086	1.02	cps
Molybdenum	95-1	3902378	3956893	3897381	3918884	0.84	cps
Molybdenum	96-1	4173491	4229740	4212900	4205377	0.69	cps
Molybdenum	97-1	2425495	2416064	2398641	2413400	0.56	cps
Molybdenum	98-1	6060068	6104944	6113720	6092911	0.47	cps
Neodymium	150-1	27	20	47	31	44.61	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	2987	2947	3034	2989	1.45	cps
Phosphorus	31-2	83354	83094	82918	83122	0.26	cps
Potassium	39-2	2773112	2788493	2777224	2779610	0.29	cps
Rhodium	103-1	2657180	2634758	2635889	2642609	0.48	cps
Rhodium	103-2	1149742	1153098	1155210	1152683	0.24	cps
Scandium	45-1	2353093	2335252	2348134	2345493	0.39	cps
Scandium	45-2	39349	39058	40061	39489	1.31	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	6	4	4	24.86	cps
Selenium	82-1	-95	-35	51	-26	-281.16	cps
Silicon	28-1	540273	533041	536810	536708	0.67	cps
Silver	109-1	1367	1392	1533	1431	6.28	cps
Silver	107-1	1325	1492	1550	1456	8.02	cps
Sodium	23-2	9695359	9694483	9593628	9661157	0.61	cps
Strontium	86-1	45586	46046	48036	46556	2.80	cps
Strontium	88-1	385127	376967	380511	380868	1.07	cps
Sulfur	34-1	2263903	2276778	2270421	2270368	0.28	cps
Terbium	159-1	2890417	2883186	2902337	2891980	0.33	cps
Terbium	159-2	1106146	1106218	1103940	1105435	0.12	cps
Thallium	203-1	292	200	167	219	29.50	cps
Thallium	205-1	708	592	517	606	15.95	cps
Tin	118-1	758	708	667	711	6.45	cps
Titanium	47-1	1393423	1374903	1388353	1385560	0.69	cps
Uranium	238-1	200	175	183	186	6.84	cps
Vanadium	51-2	143	157	130	143	9.30	cps
Yttrium	89-1	3318075	3280435	3286542	3295017	0.61	cps
Yttrium	89-2	218012	220763	220903	219893	0.74	cps
Zinc	66-2	2090	2287	2237	2205	4.64	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:30:34	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	467	375	533	458	17.35	cps
Zirconium	91-1	75	142	58	92	48.10	cps

LB Number : LB101168 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-05 12:34:02 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	913449	910018	900145	907871	0.76	cps
Antimony	121-1	90725	89718	90204	90216	0.56	cps
Arsenic	75-1	35236	34704	35029	34990	0.77	cps
Barium	135-1	18923	18839	17779	18514	3.44	cps
Barium	137-1	31706	32123	31196	31675	1.47	cps
Beryllium	9-1	16396	16750	16880	16675	1.50	cps
Bismuth	209-1	1495628	1514855	1530108	1513530	1.14	cps
Bismuth	209-2	780573	790276	772157	781002	1.16	cps
Boron	10-1	7719	7444	7619	7594	1.83	cps
Boron	11-1	37943	38595	38753	38430	1.12	cps
Cadmium	111-1	20893	20273	20988	20718	1.87	cps
Cadmium	106-1	3567	3201	3501	3423	5.71	cps
Cadmium	108-1	2409	2367	2296	2357	2.41	cps
Calcium	43-1	1431710	1444440	1428974	1435041	0.58	cps
Calcium	44-1	23027637	22907295	23091202	23008712	0.41	cps
Chromium	52-2	41478	41234	40552	41088	1.17	cps
Cobalt	59-2	39021	39884	39717	39541	1.16	cps
Copper	63-2	43659	42258	42385	42767	1.81	cps
Dysprosium	156-1	33	25	42	33	25.01	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	8	8	42	19	99.00	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	58	50	42	50	16.67	cps
Gadolinium	160-2	13	10	30	18	60.28	cps
Holmium	165-1	2736178	2780790	2793814	2770261	1.09	cps
Holmium	165-2	1136628	1139101	1112371	1129367	1.31	cps
Indium	115-1	2701896	2662468	2703763	2689375	0.87	cps
Indium	115-2	262053	260794	255859	259569	1.26	cps
Iron	56-2	67885836	66747399	65744254	66792496	1.60	cps
Iron	57-2	1747117	1713540	1682998	1714552	1.87	cps
Krypton	83-1	933	937	947	939	0.74	cps
Lead	206-1	47501	47919	48398	47939	0.94	cps
Lead	207-1	39044	39122	40916	39694	2.67	cps
Lead	208-1	182293	183180	187134	184202	1.40	cps
Lithium	6-1	399078	395046	398324	397483	0.54	cps
Magnesium	24-2	4194635	4185736	4136898	4172423	0.75	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:34:02	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9143	9080	9020	9081	0.68	cps
Molybdenum	94-1	2492046	2453328	2504641	2483338	1.08	cps
Molybdenum	95-1	4092260	4078436	4136469	4102389	0.74	cps
Molybdenum	96-1	4382782	4405541	4438246	4408856	0.63	cps
Molybdenum	97-1	2544569	2531660	2555695	2543975	0.47	cps
Molybdenum	98-1	6333277	6386413	6415176	6378289	0.65	cps
Neodymium	150-1	20	40	47	36	39.03	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	13480	13423	13560	13488	0.51	cps
Phosphorus	31-2	85316	84577	80848	83580	2.87	cps
Potassium	39-2	2853953	2757131	2743056	2784713	2.17	cps
Rhodium	103-1	2658654	2662773	2683318	2668248	0.50	cps
Rhodium	103-2	1178989	1165997	1157982	1167656	0.91	cps
Scandium	45-1	2410704	2367645	2390682	2389677	0.90	cps
Scandium	45-2	40502	40094	39205	39933	1.66	cps
Selenium	77-2	17	30	27	24	28.38	cps
Selenium	78-2	69	78	81	76	8.79	cps
Selenium	82-1	1511	1496	1405	1471	3.89	cps
Silicon	28-1	748674	747502	754525	750234	0.50	cps
Silver	109-1	86067	87543	86403	86671	0.89	cps
Silver	107-1	92836	93960	92718	93171	0.74	cps
Sodium	23-2	9802133	9764868	9655660	9740887	0.78	cps
Strontium	86-1	126675	130048	129811	128845	1.46	cps
Strontium	88-1	1084650	1092702	1090234	1089196	0.38	cps
Sulfur	34-1	2282906	2254346	2297880	2278377	0.97	cps
Terbium	159-1	2895524	2915298	2967882	2926235	1.28	cps
Terbium	159-2	1129214	1120631	1104153	1117999	1.14	cps
Thallium	203-1	47297	49062	47365	47908	2.09	cps
Thallium	205-1	112741	113497	115464	113901	1.23	cps
Tin	118-1	177261	179580	178950	178597	0.67	cps
Titanium	47-1	1423453	1446647	1475137	1448412	1.79	cps
Uranium	238-1	442200	445711	440096	442669	0.64	cps
Vanadium	51-2	14968	15005	14554	14842	1.69	cps
Yttrium	89-1	3324775	3354292	3365814	3348294	0.63	cps
Yttrium	89-2	225217	222645	219970	222611	1.18	cps
Zinc	66-2	5848	5915	5865	5876	0.59	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:34:02	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	448224	446863	450758	448615	0.44	cps
Zirconium	91-1	99243	99680	100109	99677	0.43	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:37:30	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	554914	560726	560775	558805	0.60	cps
Antimony	121-1	2278838	2253818	2273418	2268691	0.58	cps
Arsenic	75-1	832996	834158	830901	832685	0.20	cps
Barium	135-1	2243557	2238724	2233595	2238625	0.22	cps
Barium	137-1	3874036	3833023	3902508	3869856	0.90	cps
Beryllium	9-1	450692	445019	448946	448219	0.65	cps
Bismuth	209-1	1529927	1483451	1502474	1505284	1.55	cps
Bismuth	209-2	771512	769737	772356	771202	0.17	cps
Boron	10-1	61323	61390	63265	61993	1.78	cps
Boron	11-1	302183	308873	309039	306698	1.28	cps
Cadmium	111-1	518619	515168	519183	517657	0.42	cps
Cadmium	106-1	57047	55407	56662	56372	1.52	cps
Cadmium	108-1	37899	37110	37373	37461	1.07	cps
Calcium	43-1	3746485	3739602	3716058	3734048	0.43	cps
Calcium	44-1	59973249	59683672	59973131	59876684	0.28	cps
Chromium	52-2	523077	524962	524750	524263	0.20	cps
Cobalt	59-2	976472	978071	977248	977264	0.08	cps
Copper	63-2	1509571	1502065	1509908	1507181	0.29	cps
Dysprosium	156-1	25	75	58	53	48.24	cps
Dysprosium	156-2	7	0	17	8	107.84	cps
Erbium	164-1	33	50	25	36	35.25	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	42	42	25	36	26.65	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	2859247	2761238	2760252	2793579	2.04	cps
Holmium	165-2	1131290	1131674	1137307	1133424	0.30	cps
Indium	115-1	2692805	2630793	2683735	2669111	1.25	cps
Indium	115-2	257886	255998	255434	256439	0.50	cps
Iron	56-2	89482621	88777121	89048755	89102833	0.40	cps
Iron	57-2	2295629	2273664	2295121	2288138	0.55	cps
Krypton	83-1	1013	957	983	985	2.88	cps
Lead	206-1	975636	960980	974698	970438	0.85	cps
Lead	207-1	886453	873489	889133	883025	0.95	cps
Lead	208-1	4029103	3977506	4031516	4012708	0.76	cps
Lithium	6-1	410804	416298	413556	413553	0.66	cps
Magnesium	24-2	10716423	10855613	10693954	10755330	0.81	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:37:30	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	340893	338318	340637	339949	0.42	cps
Molybdenum	94-1	4517964	4473470	4429932	4473789	0.98	cps
Molybdenum	95-1	5690744	5613400	5620617	5641587	0.76	cps
Molybdenum	96-1	6278145	6200540	6240556	6239747	0.62	cps
Molybdenum	97-1	3492604	3441754	3467573	3467310	0.73	cps
Molybdenum	98-1	8736810	8776891	8778946	8764215	0.27	cps
Neodymium	150-1	113	113	147	124	15.46	cps
Neodymium	150-2	10	13	10	11	17.30	cps
Nickel	60-2	273127	276930	275168	275075	0.69	cps
Phosphorus	31-2	9470	8803	9103	9126	3.66	cps
Potassium	39-2	3737605	3727951	3697639	3721065	0.56	cps
Rhodium	103-1	2642685	2588045	2655458	2628729	1.36	cps
Rhodium	103-2	1150683	1157183	1153836	1153901	0.28	cps
Scandium	45-1	2441997	2420476	2402133	2421535	0.82	cps
Scandium	45-2	40632	40889	40839	40787	0.33	cps
Selenium	77-2	587	637	557	593	6.81	cps
Selenium	78-2	2056	2032	2022	2037	0.85	cps
Selenium	82-1	40326	40172	40385	40294	0.27	cps
Silicon	28-1	1941039	1958489	1944101	1947876	0.48	cps
Silver	109-1	2375037	2385566	2404461	2388355	0.62	cps
Silver	107-1	2531141	2521469	2528005	2526871	0.20	cps
Sodium	23-2	25113451	25372603	25417015	25301023	0.65	cps
Strontium	86-1	803504	797828	798047	799793	0.40	cps
Strontium	88-1	6858390	6820918	6891383	6856897	0.51	cps
Sulfur	34-1	737701	737191	738229	737707	0.07	cps
Terbium	159-1	2943162	2971648	2901951	2938920	1.19	cps
Terbium	159-2	1126962	1134092	1130450	1130502	0.32	cps
Thallium	203-1	1246057	1218640	1229005	1231234	1.12	cps
Thallium	205-1	2993304	2960259	3011535	2988366	0.87	cps
Tin	118-1	1480226	1471344	1466194	1472588	0.48	cps
Titanium	47-1	1896521	1902084	1929068	1909224	0.91	cps
Uranium	238-1	3830757	3814852	3807918	3817842	0.31	cps
Vanadium	51-2	403636	403167	406143	404315	0.40	cps
Yttrium	89-1	3410075	3380578	3348076	3379576	0.92	cps
Yttrium	89-2	224089	226398	225509	225332	0.52	cps
Zinc	66-2	182199	181751	184036	182662	0.66	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:37:30	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3717754	3717417	3674895	3703355	0.67	cps
Zirconium	91-1	806309	807823	800926	805019	0.45	cps

LB Number : LB101168 Operator : Jaswal
 Lab Sample ID : CCB26 Instrumnet Name : P8
 Client Sample ID : CCB26 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-05 12:44:01 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93	90	43	75	37.56	cps
Antimony	121-1	817	925	950	897	7.90	cps
Arsenic	75-1	988	989	1025	1001	2.13	cps
Barium	135-1	33	58	17	36	58.08	cps
Barium	137-1	83	83	117	94	20.37	cps
Beryllium	9-1	117	103	100	107	8.27	cps
Bismuth	209-1	1557647	1547936	1553847	1553144	0.32	cps
Bismuth	209-2	806811	800011	800196	802339	0.48	cps
Boron	10-1	683	667	625	658	4.56	cps
Boron	11-1	2950	2942	3142	3012	3.76	cps
Cadmium	111-1	531	523	519	524	1.16	cps
Cadmium	106-1	725	742	742	736	1.31	cps
Cadmium	108-1	8	0	13	7	91.66	cps
Calcium	43-1	390	393	357	380	5.34	cps
Calcium	44-1	42377	42300	41816	42164	0.72	cps
Chromium	52-2	1980	2084	1900	1988	4.62	cps
Cobalt	59-2	87	137	140	121	24.67	cps
Copper	63-2	853	913	893	887	3.45	cps
Dysprosium	156-1	8	25	33	22	57.29	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	0	25	19	89.22	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	8	17	42	22	78.07	cps
Gadolinium	160-2	10	13	7	10	33.30	cps
Holmium	165-1	2727654	2726169	2710423	2721416	0.35	cps
Holmium	165-2	1114408	1122700	1103106	1113405	0.88	cps
Indium	115-1	2715151	2693732	2753303	2720729	1.11	cps
Indium	115-2	263897	265277	263245	264140	0.39	cps
Iron	56-2	5096	5635	5018	5249	6.40	cps
Iron	57-2	161	111	161	144	19.98	cps
Krypton	83-1	947	870	933	917	4.47	cps
Lead	206-1	633	622	600	619	2.74	cps
Lead	207-1	578	567	506	550	7.07	cps
Lead	208-1	2278	2428	2378	2361	3.24	cps
Lithium	6-1	406263	410259	408125	408216	0.49	cps
Magnesium	24-2	633	683	517	611	14.00	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:44:01	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	100	127	93	107	16.53	cps
Molybdenum	94-1	283	375	283	314	16.86	cps
Molybdenum	95-1	175	208	200	194	8.92	cps
Molybdenum	96-1	292	325	317	311	5.58	cps
Molybdenum	97-1	242	292	217	250	15.27	cps
Molybdenum	98-1	375	367	367	369	1.30	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	127	143	107	126	14.62	cps
Phosphorus	31-2	33	8	0	14	124.91	cps
Potassium	39-2	9212	9012	8920	9048	1.65	cps
Rhodium	103-1	2785688	2740677	2756231	2760865	0.83	cps
Rhodium	103-2	1203690	1216339	1210893	1210308	0.52	cps
Scandium	45-1	2363530	2371615	2369613	2368252	0.18	cps
Scandium	45-2	40014	39994	39679	39896	0.47	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	0	6	4	86.60	cps
Selenium	82-1	-44	-54	-63	-54	-17.48	cps
Silicon	28-1	433567	430526	431092	431729	0.37	cps
Silver	109-1	458	408	433	433	5.77	cps
Silver	107-1	350	350	350	350	0.00	cps
Sodium	23-2	22961	22460	22435	22619	1.31	cps
Strontium	86-1	1358	1367	1258	1328	4.54	cps
Strontium	88-1	150	150	67	122	39.37	cps
Sulfur	34-1	484001	489272	489072	487448	0.61	cps
Terbium	159-1	2900846	2890782	2874624	2888751	0.46	cps
Terbium	159-2	1110080	1125133	1112616	1115943	0.72	cps
Thallium	203-1	158	133	108	133	18.75	cps
Thallium	205-1	633	567	550	583	7.56	cps
Tin	118-1	525	300	325	383	32.18	cps
Titanium	47-1	150	125	117	131	13.29	cps
Uranium	238-1	108	100	67	92	24.05	cps
Vanadium	51-2	23	17	13	18	28.64	cps
Yttrium	89-1	3261501	3309122	3365854	3312159	1.58	cps
Yttrium	89-2	221976	221993	222596	222188	0.16	cps
Zinc	66-2	73	97	103	91	17.29	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:44:01	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	350	517	442	436	19.14	cps
Zirconium	91-1	117	42	100	86	45.73	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:47:36	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	230	213	313	252	21.22	cps
Antimony	121-1	8470	8603	8253	8442	2.09	cps
Arsenic	75-1	2619	2592	2531	2581	1.75	cps
Barium	135-1	8770	8295	7844	8303	5.57	cps
Barium	137-1	14867	14350	14500	14573	1.83	cps
Beryllium	9-1	893	913	947	918	2.94	cps
Bismuth	209-1	1561938	1572932	1553859	1562910	0.61	cps
Bismuth	209-2	799652	800833	806521	802335	0.46	cps
Boron	10-1	3276	3351	3067	3231	4.54	cps
Boron	11-1	15684	16135	15692	15837	1.63	cps
Cadmium	111-1	1548	1591	1484	1541	3.51	cps
Cadmium	106-1	825	1000	800	875	12.45	cps
Cadmium	108-1	108	96	79	94	15.49	cps
Calcium	43-1	7105	7199	7225	7176	0.88	cps
Calcium	44-1	153004	153666	150485	152385	1.10	cps
Chromium	52-2	3717	3911	3827	3818	2.54	cps
Cobalt	59-2	1940	1890	1877	1902	1.76	cps
Copper	63-2	3477	3641	3597	3572	2.37	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	25	17	14	91.65	cps
Erbium	164-2	0	7	0	2	173.21	cps
Gadolinium	160-1	50	8	33	31	68.64	cps
Gadolinium	160-2	3	10	7	7	50.03	cps
Holmium	165-1	2743964	2765630	2709914	2739836	1.03	cps
Holmium	165-2	1130124	1116103	1120130	1122119	0.64	cps
Indium	115-1	2773957	2747529	2688115	2736534	1.61	cps
Indium	115-2	264568	263164	268101	265278	0.96	cps
Iron	56-2	40766	40197	40866	40610	0.89	cps
Iron	57-2	1028	1022	961	1004	3.69	cps
Krypton	83-1	960	927	897	928	3.41	cps
Lead	206-1	2200	2345	2356	2300	3.77	cps
Lead	207-1	2117	1856	2028	2000	6.64	cps
Lead	208-1	9163	9202	9291	9218	0.71	cps
Lithium	6-1	413633	410596	410649	411626	0.42	cps
Magnesium	24-2	21400	22101	21450	21651	1.81	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:47:36	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	427	460	370	419	10.86	cps
Molybdenum	94-1	7853	7736	8286	7958	3.64	cps
Molybdenum	95-1	10162	9520	9462	9715	4.00	cps
Molybdenum	96-1	11372	11213	10696	11094	3.19	cps
Molybdenum	97-1	6535	6110	6519	6388	3.77	cps
Molybdenum	98-1	15443	15560	16027	15676	1.97	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	660	697	660	672	3.15	cps
Phosphorus	31-2	75	75	67	72	6.66	cps
Potassium	39-2	21500	22319	21734	21851	1.93	cps
Rhodium	103-1	2778238	2791219	2771380	2780279	0.36	cps
Rhodium	103-2	1219377	1202624	1212176	1211392	0.69	cps
Scandium	45-1	2366989	2388680	2348390	2368019	0.85	cps
Scandium	45-2	40411	39332	39793	39845	1.36	cps
Selenium	77-2	13	3	13	10	57.75	cps
Selenium	78-2	43	24	33	33	27.78	cps
Selenium	82-1	315	278	389	327	17.14	cps
Silicon	28-1	463979	464931	467003	465304	0.33	cps
Silver	109-1	5093	5260	5193	5182	1.62	cps
Silver	107-1	5560	5193	5085	5279	4.72	cps
Sodium	23-2	68432	68339	66666	67812	1.47	cps
Strontium	86-1	2584	2750	2592	2642	3.56	cps
Strontium	88-1	10479	11122	10688	10763	3.04	cps
Sulfur	34-1	498262	492366	497478	496036	0.65	cps
Terbium	159-1	2902842	2952239	2838177	2897752	1.97	cps
Terbium	159-2	1118688	1106037	1109038	1111255	0.59	cps
Thallium	203-1	2284	2334	2434	2350	3.25	cps
Thallium	205-1	5843	5810	6102	5918	2.70	cps
Tin	118-1	14525	14892	14358	14592	1.87	cps
Titanium	47-1	3501	3609	3859	3656	5.03	cps
Uranium	238-1	6444	6152	6202	6266	2.49	cps
Vanadium	51-2	3711	4047	3894	3884	4.34	cps
Yttrium	89-1	3296552	3357484	3289200	3314412	1.13	cps
Yttrium	89-2	221136	219765	221176	220692	0.36	cps
Zinc	66-2	397	430	383	403	5.96	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:47:36	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6760	7219	6418	6799	5.91	cps
Zirconium	91-1	1567	1634	1500	1567	4.26	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	PB117630BL	Instrumnet Name :	P8
Client Sample ID :	PB117630BL	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:51:11	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	63	23	68	51	48.52	cps
Antimony	121-1	300	325	233	286	16.56	cps
Arsenic	75-1	914	1039	966	973	6.45	cps
Barium	135-1	25	8	8	14	69.31	cps
Barium	137-1	83	50	75	69	24.98	cps
Beryllium	9-1	100	90	87	92	7.52	cps
Bismuth	209-1	1563048	1554192	1562875	1560039	0.32	cps
Bismuth	209-2	798961	805158	800421	801513	0.40	cps
Boron	10-1	342	350	425	372	12.33	cps
Boron	11-1	2017	2225	1992	2078	6.17	cps
Cadmium	111-1	552	575	591	573	3.41	cps
Cadmium	106-1	783	808	808	800	1.80	cps
Cadmium	108-1	13	4	0	6	114.53	cps
Calcium	43-1	330	320	330	327	1.77	cps
Calcium	44-1	41515	40221	40880	40872	1.58	cps
Chromium	52-2	1944	2117	2010	2024	4.32	cps
Cobalt	59-2	130	103	107	113	12.82	cps
Copper	63-2	743	667	517	642	17.95	cps
Dysprosium	156-1	0	8	33	14	124.91	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	33	25	25	28	17.33	cps
Gadolinium	160-2	7	7	0	4	86.60	cps
Holmium	165-1	2738726	2733738	2739984	2737483	0.12	cps
Holmium	165-2	1116040	1126809	1126460	1123103	0.54	cps
Indium	115-1	2700797	2728804	2759592	2729731	1.08	cps
Indium	115-2	264222	263253	263074	263517	0.23	cps
Iron	56-2	4373	4195	4684	4417	5.60	cps
Iron	57-2	150	128	133	137	8.44	cps
Krypton	83-1	910	870	1017	932	8.13	cps
Lead	206-1	383	417	456	419	8.64	cps
Lead	207-1	439	350	344	378	14.03	cps
Lead	208-1	1639	1578	1650	1622	2.40	cps
Lithium	6-1	411787	413374	411623	412261	0.23	cps
Magnesium	24-2	583	492	558	544	8.70	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	PB117630BL	Instrumnet Name :	P8
Client Sample ID :	PB117630BL	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:51:11	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	110	90	90	97	11.95	cps
Molybdenum	94-1	183	192	192	189	2.55	cps
Molybdenum	95-1	50	75	75	67	21.65	cps
Molybdenum	96-1	75	83	142	100	36.33	cps
Molybdenum	97-1	92	225	117	144	49.07	cps
Molybdenum	98-1	83	100	83	89	10.83	cps
Neodymium	150-1	13	0	27	13	100.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	133	143	130	136	5.12	cps
Phosphorus	31-2	17	17	17	17	0.00	cps
Potassium	39-2	8595	8503	8445	8514	0.89	cps
Rhodium	103-1	2750659	2738581	2762633	2750624	0.44	cps
Rhodium	103-2	1190563	1219175	1206713	1205484	1.19	cps
Scandium	45-1	2371632	2367985	2366315	2368644	0.11	cps
Scandium	45-2	39927	39435	38880	39414	1.33	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	7	4	4	65.54	cps
Selenium	82-1	-93	15	-167	-82	-112.41	cps
Silicon	28-1	437044	437973	434412	436476	0.42	cps
Silver	109-1	342	292	333	322	8.31	cps
Silver	107-1	342	325	350	339	3.76	cps
Sodium	23-2	19581	18997	18529	19036	2.77	cps
Strontium	86-1	1292	1225	1450	1322	8.74	cps
Strontium	88-1	83	75	75	78	6.19	cps
Sulfur	34-1	495081	501158	498790	498343	0.61	cps
Terbium	159-1	2935179	2904633	2898185	2912666	0.68	cps
Terbium	159-2	1097111	1116566	1106438	1106705	0.88	cps
Thallium	203-1	250	142	300	231	35.11	cps
Thallium	205-1	458	408	333	400	15.73	cps
Tin	118-1	250	242	333	275	18.43	cps
Titanium	47-1	92	75	125	97	26.19	cps
Uranium	238-1	42	42	33	39	12.38	cps
Vanadium	51-2	17	33	13	21	50.75	cps
Yttrium	89-1	3355557	3289625	3317857	3321013	1.00	cps
Yttrium	89-2	222068	223563	220351	221994	0.72	cps
Zinc	66-2	57	77	53	62	20.29	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	PB117630BL	Instrumnet Name :	P8
Client Sample ID :	PB117630BL	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:51:11	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	342	283	383	336	14.95	cps
Zirconium	91-1	100	83	83	89	10.82	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	PB117630BS	Instrumnet Name :	P8
Client Sample ID :	PB117630BS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:54:45	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	102525	101289	102828	102214	0.80	cps
Antimony	121-1	2252879	2249616	2245336	2249277	0.17	cps
Arsenic	75-1	808603	806991	818413	811336	0.76	cps
Barium	135-1	2209217	2185485	2165699	2186800	1.00	cps
Barium	137-1	3799230	3788725	3772666	3786874	0.35	cps
Beryllium	9-1	442786	444705	448065	445185	0.60	cps
Bismuth	209-1	1576998	1592866	1580133	1583332	0.53	cps
Bismuth	209-2	822858	816875	830365	823366	0.82	cps
Boron	10-1	56604	59424	61232	59086	3.95	cps
Boron	11-1	290902	305799	304397	300366	2.74	cps
Cadmium	111-1	517432	516297	517207	516979	0.12	cps
Cadmium	106-1	56695	55298	55649	55881	1.30	cps
Cadmium	108-1	36721	37669	37473	37288	1.34	cps
Calcium	43-1	727935	729387	729184	728835	0.11	cps
Calcium	44-1	11972289	11818869	11896560	11895906	0.64	cps
Chromium	52-2	503821	506951	505499	505424	0.31	cps
Cobalt	59-2	949315	954821	951076	951737	0.30	cps
Copper	63-2	1510787	1519811	1510889	1513829	0.34	cps
Dysprosium	156-1	58	92	42	64	39.85	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	33	17	33	28	34.63	cps
Erbium	164-2	10	0	0	3	173.21	cps
Gadolinium	160-1	25	42	25	31	31.50	cps
Gadolinium	160-2	20	7	3	10	88.20	cps
Holmium	165-1	2851005	2839012	2830163	2840060	0.37	cps
Holmium	165-2	1161192	1158159	1162558	1160636	0.19	cps
Indium	115-1	2724561	2728427	2720239	2724409	0.15	cps
Indium	115-2	265019	266741	261398	264386	1.03	cps
Iron	56-2	17569952	17362249	17512396	17481532	0.61	cps
Iron	57-2	431796	437329	437274	435466	0.73	cps
Krypton	83-1	927	977	883	929	5.03	cps
Lead	206-1	959885	971330	966864	966026	0.60	cps
Lead	207-1	882720	890096	891697	888171	0.54	cps
Lead	208-1	4013989	4019225	4032696	4021970	0.24	cps
Lithium	6-1	431297	435876	435943	434372	0.61	cps
Magnesium	24-2	2248755	2208342	2219677	2225591	0.94	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	PB117630BS	Instrumnet Name :	P8
Client Sample ID :	PB117630BS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:54:45	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	329304	327710	327970	328328	0.26	cps
Molybdenum	94-1	4356943	4365293	4329315	4350517	0.43	cps
Molybdenum	95-1	5460211	5487998	5480012	5476074	0.26	cps
Molybdenum	96-1	6025595	6061055	6045180	6043943	0.29	cps
Molybdenum	97-1	3339452	3352470	3317417	3336446	0.53	cps
Molybdenum	98-1	8446146	8594883	8438998	8493342	1.04	cps
Neodymium	150-1	80	113	80	91	21.13	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	270817	271179	271063	271020	0.07	cps
Phosphorus	31-2	8845	9162	8995	9000	1.76	cps
Potassium	39-2	718362	720268	717244	718625	0.21	cps
Rhodium	103-1	2711894	2728557	2686804	2709085	0.78	cps
Rhodium	103-2	1197883	1188740	1198311	1194978	0.45	cps
Scandium	45-1	2435309	2416088	2457358	2436252	0.85	cps
Scandium	45-2	41083	41117	41220	41140	0.17	cps
Selenium	77-2	563	620	513	566	9.44	cps
Selenium	78-2	2085	2059	1906	2017	4.82	cps
Selenium	82-1	40077	40121	39659	39952	0.64	cps
Silicon	28-1	2078404	2164222	2139312	2127313	2.08	cps
Silver	109-1	2433061	2395996	2409193	2412750	0.78	cps
Silver	107-1	2546038	2523545	2539741	2536442	0.46	cps
Sodium	23-2	5060683	5115329	5076030	5084014	0.55	cps
Strontium	86-1	772127	776713	778643	775828	0.43	cps
Strontium	88-1	6650674	6715270	6601104	6655682	0.86	cps
Sulfur	34-1	744908	743397	737138	741814	0.56	cps
Terbium	159-1	2978203	3026881	3038082	3014389	1.06	cps
Terbium	159-2	1173292	1145455	1153277	1157342	1.24	cps
Thallium	203-1	1229678	1228200	1236004	1231294	0.34	cps
Thallium	205-1	2994705	3011865	2989262	2998611	0.39	cps
Tin	118-1	1438581	1465911	1447752	1450748	0.96	cps
Titanium	47-1	1850682	1823301	1835804	1836596	0.75	cps
Uranium	238-1	3714751	3749109	3796533	3753464	1.09	cps
Vanadium	51-2	389324	386226	391300	388950	0.66	cps
Yttrium	89-1	3357158	3391478	3388592	3379076	0.56	cps
Yttrium	89-2	228279	224205	225058	225847	0.95	cps
Zinc	66-2	177432	178967	177952	178117	0.44	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	PB117630BS	Instrumnet Name :	P8
Client Sample ID :	PB117630BS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:54:45	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3582120	3636883	3644297	3621100	0.94	cps
Zirconium	91-1	781053	785966	785334	784117	0.34	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01	Instrumnet Name :	P8
Client Sample ID :	390214005.1	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:58:34	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	218	258	213	229	10.76	cps
Antimony	121-1	1458	1684	1567	1570	7.17	cps
Arsenic	75-1	1469	1375	1579	1474	6.93	cps
Barium	135-1	2759	2650	3009	2806	6.55	cps
Barium	137-1	4959	5110	5076	5048	1.56	cps
Beryllium	9-1	160	133	110	134	18.61	cps
Bismuth	209-1	1524404	1531474	1528495	1528124	0.23	cps
Bismuth	209-2	802896	802481	794449	799942	0.60	cps
Boron	10-1	26417	26333	26918	26556	1.19	cps
Boron	11-1	135327	136015	139169	136837	1.50	cps
Cadmium	111-1	498	541	512	517	4.24	cps
Cadmium	106-1	725	758	708	731	3.49	cps
Cadmium	108-1	25	21	13	19	32.73	cps
Calcium	43-1	1008465	1009551	1009258	1009091	0.06	cps
Calcium	44-1	16531999	16445171	16545758	16507643	0.33	cps
Chromium	52-2	3190	3227	2994	3137	4.00	cps
Cobalt	59-2	190	157	177	174	9.62	cps
Copper	63-2	2074	2027	2090	2064	1.59	cps
Dysprosium	156-1	17	33	58	36	58.08	cps
Dysprosium	156-2	3	13	13	10	57.75	cps
Erbium	164-1	33	42	0	25	88.19	cps
Erbium	164-2	7	17	17	13	43.29	cps
Gadolinium	160-1	50	58	58	56	8.67	cps
Gadolinium	160-2	7	13	10	10	33.30	cps
Holmium	165-1	2731396	2710781	2757703	2733293	0.86	cps
Holmium	165-2	1119828	1121849	1127337	1123005	0.35	cps
Indium	115-1	2681685	2739694	2704019	2708466	1.08	cps
Indium	115-2	261166	264277	260307	261917	0.80	cps
Iron	56-2	19987	20716	21006	20569	2.55	cps
Iron	57-2	556	561	594	570	3.69	cps
Krypton	83-1	923	910	907	913	0.97	cps
Lead	206-1	706	617	561	628	11.61	cps
Lead	207-1	594	528	639	587	9.53	cps
Lead	208-1	2784	2528	2595	2635	5.03	cps
Lithium	6-1	409645	414688	414776	413037	0.71	cps
Magnesium	24-2	1558218	1544611	1545259	1549363	0.50	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01	Instrumnet Name :	P8
Client Sample ID :	390214005.1	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:58:34	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	560	537	553	550	2.18	cps
Molybdenum	94-1	392	450	425	422	6.93	cps
Molybdenum	95-1	233	300	342	292	18.74	cps
Molybdenum	96-1	458	458	342	419	16.06	cps
Molybdenum	97-1	333	308	308	317	4.56	cps
Molybdenum	98-1	550	592	500	547	8.39	cps
Neodymium	150-1	13	40	20	24	56.78	cps
Neodymium	150-2	0	10	10	7	86.60	cps
Nickel	60-2	437	453	447	446	1.88	cps
Phosphorus	31-2	50	25	50	42	34.64	cps
Potassium	39-2	24497	24447	25299	24748	1.93	cps
Rhodium	103-1	2631489	2682685	2657419	2657198	0.96	cps
Rhodium	103-2	1169656	1175086	1155671	1166804	0.86	cps
Scandium	45-1	2345374	2351661	2387717	2361584	0.97	cps
Scandium	45-2	38830	39562	40351	39581	1.92	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	13	2	2	6	115.50	cps
Selenium	82-1	-63	-104	-23	-63	-64.24	cps
Silicon	28-1	38801403	39036053	39119482	38985646	0.42	cps
Silver	109-1	508	550	542	533	4.13	cps
Silver	107-1	492	533	500	508	4.34	cps
Sodium	23-2	2135534	2096473	2110675	2114227	0.94	cps
Strontium	86-1	194314	197957	195312	195861	0.96	cps
Strontium	88-1	1673010	1683507	1694353	1683623	0.63	cps
Sulfur	34-1	706807	710097	710185	709029	0.27	cps
Terbium	159-1	2901264	2884355	2919826	2901815	0.61	cps
Terbium	159-2	1113637	1120889	1114108	1116211	0.36	cps
Thallium	203-1	125	75	133	111	28.40	cps
Thallium	205-1	333	267	217	272	21.50	cps
Tin	118-1	467	592	650	569	16.45	cps
Titanium	47-1	1333	1183	4106	2208	74.55	cps
Uranium	238-1	575	425	358	453	24.51	cps
Vanadium	51-2	5261	5091	5158	5170	1.66	cps
Yttrium	89-1	3277935	3245146	3308400	3277160	0.97	cps
Yttrium	89-2	220005	220516	218020	219514	0.60	cps
Zinc	66-2	243	280	280	268	7.91	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01	Instrumnet Name :	P8
Client Sample ID :	390214005.1	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 12:58:34	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	675	608	667	650	5.59	cps
Zirconium	91-1	142	167	92	133	28.64	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01DUP	Instrumnet Name :	P8
Client Sample ID :	390214005.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:02:07	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	240	258	255	251	3.77	cps
Antimony	121-1	633	600	600	611	3.15	cps
Arsenic	75-1	1528	1531	1523	1527	0.26	cps
Barium	135-1	2900	2634	3126	2887	8.53	cps
Barium	137-1	4976	4693	4926	4865	3.11	cps
Beryllium	9-1	80	127	90	99	24.85	cps
Bismuth	209-1	1546493	1549641	1551031	1549055	0.15	cps
Bismuth	209-2	803759	809824	799725	804436	0.63	cps
Boron	10-1	25958	26408	27845	26737	3.68	cps
Boron	11-1	135923	138096	141248	138423	1.93	cps
Cadmium	111-1	518	607	558	561	7.93	cps
Cadmium	106-1	733	850	792	792	7.37	cps
Cadmium	108-1	17	13	25	18	35.25	cps
Calcium	43-1	1009525	1012232	1014412	1012056	0.24	cps
Calcium	44-1	16547080	16527128	16503850	16526019	0.13	cps
Chromium	52-2	3034	3060	2947	3014	1.97	cps
Cobalt	59-2	133	170	147	150	12.37	cps
Copper	63-2	1770	1780	1837	1796	2.00	cps
Dysprosium	156-1	42	42	42	42	0.00	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	50	67	83	67	25.00	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	58	50	33	47	26.97	cps
Gadolinium	160-2	17	17	23	19	20.36	cps
Holmium	165-1	2730398	2758549	2744278	2744409	0.51	cps
Holmium	165-2	1139306	1128521	1122896	1130241	0.74	cps
Indium	115-1	2697396	2718270	2683199	2699621	0.65	cps
Indium	115-2	265099	261645	263612	263452	0.66	cps
Iron	56-2	20291	20215	20415	20307	0.50	cps
Iron	57-2	483	600	550	544	10.75	cps
Krypton	83-1	870	880	847	866	1.98	cps
Lead	206-1	578	589	439	535	15.62	cps
Lead	207-1	494	500	533	509	4.13	cps
Lead	208-1	2289	2228	2222	2246	1.65	cps
Lithium	6-1	410996	422207	422777	418660	1.59	cps
Magnesium	24-2	1509340	1532001	1530673	1524005	0.83	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01DUP	Instrumnet Name :	P8
Client Sample ID :	390214005.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:02:07	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	530	470	543	514	7.59	cps
Molybdenum	94-1	258	358	258	292	19.80	cps
Molybdenum	95-1	108	125	183	139	28.35	cps
Molybdenum	96-1	142	192	250	194	27.88	cps
Molybdenum	97-1	233	142	267	214	30.26	cps
Molybdenum	98-1	283	208	258	250	15.28	cps
Neodymium	150-1	33	47	53	44	22.92	cps
Neodymium	150-2	10	0	7	6	91.64	cps
Nickel	60-2	477	410	400	429	9.72	cps
Phosphorus	31-2	17	50	8	25	88.19	cps
Potassium	39-2	24648	25641	24530	24939	2.45	cps
Rhodium	103-1	2653798	2670970	2678742	2667837	0.48	cps
Rhodium	103-2	1171227	1162167	1178065	1170486	0.68	cps
Scandium	45-1	2363180	2370780	2371632	2368531	0.20	cps
Scandium	45-2	39506	39208	38977	39230	0.67	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	6	0	9	5	94.35	cps
Selenium	82-1	3	-29	34	2	1347.34	cps
Silicon	28-1	38993107	38780428	39044733	38939423	0.36	cps
Silver	109-1	458	467	508	478	5.61	cps
Silver	107-1	450	467	433	450	3.70	cps
Sodium	23-2	2097624	2076128	2108180	2093978	0.78	cps
Strontium	86-1	195301	199098	200648	198349	1.39	cps
Strontium	88-1	1705368	1715074	1727990	1716144	0.66	cps
Sulfur	34-1	710997	714301	719429	714909	0.59	cps
Terbium	159-1	2911779	2963697	2931199	2935558	0.89	cps
Terbium	159-2	1135747	1138347	1137338	1137144	0.12	cps
Thallium	203-1	92	92	58	81	23.89	cps
Thallium	205-1	158	150	158	156	3.09	cps
Tin	118-1	358	500	525	461	19.49	cps
Titanium	47-1	1100	1467	1308	1292	14.24	cps
Uranium	238-1	483	392	400	425	11.93	cps
Vanadium	51-2	5178	5271	5221	5223	0.89	cps
Yttrium	89-1	3293914	3270365	3341791	3302023	1.10	cps
Yttrium	89-2	221815	220048	216852	219572	1.15	cps
Zinc	66-2	267	277	300	281	6.08	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01DUP	Instrumnet Name :	P8
Client Sample ID :	390214005.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:02:07	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	508	375	458	447	15.06	cps
Zirconium	91-1	117	158	133	136	15.41	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01LX5	Instrumnet Name :	P8
Client Sample ID :	390214005.1L	Dilution Factor :	5
Date & Time Acquired ::	2019-03-05 13:05:39	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	75	90	91	17.91	cps
Antimony	121-1	275	275	317	289	8.33	cps
Arsenic	75-1	1135	1171	1203	1170	2.90	cps
Barium	135-1	692	617	642	650	5.88	cps
Barium	137-1	1042	1033	1042	1039	0.46	cps
Beryllium	9-1	93	87	110	97	12.43	cps
Bismuth	209-1	1597577	1599020	1582383	1592993	0.58	cps
Bismuth	209-2	810555	815318	818940	814938	0.52	cps
Boron	10-1	6202	6085	6227	6171	1.23	cps
Boron	11-1	31093	32237	31068	31466	2.12	cps
Cadmium	111-1	567	570	553	563	1.55	cps
Cadmium	106-1	808	808	775	797	2.41	cps
Cadmium	108-1	4	13	8	8	49.98	cps
Calcium	43-1	204300	203070	201517	202962	0.69	cps
Calcium	44-1	3437134	3382909	3399832	3406625	0.81	cps
Chromium	52-2	2177	2184	2050	2137	3.52	cps
Cobalt	59-2	110	107	117	111	4.58	cps
Copper	63-2	900	920	940	920	2.17	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	0	0	33	11	173.21	cps
Erbium	164-2	0	7	10	6	91.64	cps
Gadolinium	160-1	17	17	25	19	24.73	cps
Gadolinium	160-2	10	20	7	12	56.76	cps
Holmium	165-1	2811349	2797067	2779641	2796019	0.57	cps
Holmium	165-2	1139964	1132442	1138339	1136915	0.35	cps
Indium	115-1	2762270	2758002	2738953	2753075	0.45	cps
Indium	115-2	269240	262535	264041	265272	1.33	cps
Iron	56-2	7886	7786	7335	7669	3.82	cps
Iron	57-2	217	194	250	220	12.69	cps
Krypton	83-1	933	957	957	949	1.42	cps
Lead	206-1	439	428	367	411	9.46	cps
Lead	207-1	428	394	467	430	8.41	cps
Lead	208-1	1795	1689	1800	1761	3.55	cps
Lithium	6-1	416363	415809	419571	417248	0.49	cps
Magnesium	24-2	300544	301811	301869	301408	0.25	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01LX5	Instrumnet Name :	P8
Client Sample ID :	390214005.1L	Dilution Factor :	5
Date & Time Acquired ::	2019-03-05 13:05:39	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	177	210	147	178	17.82	cps
Molybdenum	94-1	167	183	217	189	13.48	cps
Molybdenum	95-1	42	117	75	78	48.31	cps
Molybdenum	96-1	83	83	142	103	32.76	cps
Molybdenum	97-1	208	158	142	169	20.47	cps
Molybdenum	98-1	133	92	108	111	18.88	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	157	163	193	171	11.41	cps
Phosphorus	31-2	17	42	58	39	53.93	cps
Potassium	39-2	10955	11514	11330	11266	2.53	cps
Rhodium	103-1	2735292	2743053	2725704	2734683	0.32	cps
Rhodium	103-2	1201104	1191358	1186149	1192870	0.64	cps
Scandium	45-1	2397592	2376948	2370115	2381552	0.60	cps
Scandium	45-2	39659	39258	39422	39446	0.51	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	4	7	2	4	65.54	cps
Selenium	82-1	-83	-60	-147	-97	-46.42	cps
Silicon	28-1	8179738	8217572	8076270	8157860	0.90	cps
Silver	109-1	358	283	467	369	24.95	cps
Silver	107-1	383	333	300	339	12.38	cps
Sodium	23-2	422847	423533	423240	423207	0.08	cps
Strontium	86-1	41079	40494	40495	40689	0.83	cps
Strontium	88-1	332845	339204	335523	335857	0.95	cps
Sulfur	34-1	550148	547316	547821	548428	0.28	cps
Terbium	159-1	2980724	3000552	2952410	2977895	0.81	cps
Terbium	159-2	1135021	1124484	1126214	1128573	0.50	cps
Thallium	203-1	75	50	25	50	50.00	cps
Thallium	205-1	158	125	142	142	11.76	cps
Tin	118-1	317	308	233	286	16.04	cps
Titanium	47-1	450	442	342	411	14.67	cps
Uranium	238-1	150	83	75	103	40.00	cps
Vanadium	51-2	1057	1010	1030	1032	2.27	cps
Yttrium	89-1	3346011	3418099	3325694	3363268	1.44	cps
Yttrium	89-2	224113	222811	221103	222676	0.68	cps
Zinc	66-2	113	143	177	144	21.93	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01LX5	Instrumnet Name :	P8
Client Sample ID :	390214005.1L	Dilution Factor :	5
Date & Time Acquired ::	2019-03-05 13:05:39	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	300	333	383	339	12.38	cps
Zirconium	91-1	117	100	100	106	9.12	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01MS	Instrumnet Name :	P8
Client Sample ID :	390214005.1MS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:09:13	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19506	19573	19273	19451	0.81	cps
Antimony	121-1	3471976	3535053	3581297	3529442	1.55	cps
Arsenic	75-1	1277509	1292936	1292478	1287641	0.68	cps
Barium	135-1	176277	178368	179441	178029	0.90	cps
Barium	137-1	306144	311106	315485	310911	1.50	cps
Beryllium	9-1	176848	177942	180328	178372	1.00	cps
Bismuth	209-1	1592502	1604015	1625719	1607412	1.05	cps
Bismuth	209-2	831918	837456	834468	834614	0.33	cps
Boron	10-1	64045	63425	65995	64488	2.08	cps
Boron	11-1	322386	330731	332578	328565	1.65	cps
Cadmium	111-1	204871	206172	206437	205827	0.41	cps
Cadmium	106-1	19364	18998	20057	19473	2.76	cps
Cadmium	108-1	12977	12894	14062	13311	4.89	cps
Calcium	43-1	1016855	1028870	1026129	1023952	0.61	cps
Calcium	44-1	16501248	16731141	16678647	16637012	0.72	cps
Chromium	52-2	403029	401456	401958	402148	0.20	cps
Cobalt	59-2	377296	375620	376651	376522	0.22	cps
Copper	63-2	460815	459934	458302	459684	0.28	cps
Dysprosium	156-1	151992	151716	153214	152307	0.52	cps
Dysprosium	156-2	8143	8259	8026	8143	1.43	cps
Erbium	164-1	75	75	83	78	6.19	cps
Erbium	164-2	23	17	10	17	39.99	cps
Gadolinium	160-1	33	92	75	67	45.07	cps
Gadolinium	160-2	10	37	23	23	57.15	cps
Holmium	165-1	2800884	2836431	2852383	2829899	0.93	cps
Holmium	165-2	1166096	1158757	1171920	1165591	0.57	cps
Indium	115-1	2673233	2682830	2748755	2701606	1.52	cps
Indium	115-2	262745	259810	262071	261542	0.59	cps
Iron	56-2	2141533	2149189	2137343	2142688	0.28	cps
Iron	57-2	52856	52533	51423	52271	1.44	cps
Krypton	83-1	937	890	960	929	3.84	cps
Lead	206-1	2036101	2064340	2076579	2059007	1.01	cps
Lead	207-1	1856489	1897303	1873184	1875659	1.09	cps
Lead	208-1	8270065	8463889	8424652	8386202	1.22	cps
Lithium	6-1	436078	439423	444423	439974	0.95	cps
Magnesium	24-2	1621325	1617381	1587288	1608665	1.16	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01MS	Instrumnet Name :	P8
Client Sample ID :	390214005.1MS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:09:13	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	65322	65472	66012	65602	0.55	cps
Molybdenum	94-1	454473	458273	464895	459214	1.15	cps
Molybdenum	95-1	787244	799881	809570	798898	1.40	cps
Molybdenum	96-1	850882	860594	867952	859809	1.00	cps
Molybdenum	97-1	486468	496261	502611	495113	1.64	cps
Molybdenum	98-1	1265021	1265957	1281030	1270670	0.71	cps
Neodymium	150-1	40	47	47	44	8.66	cps
Neodymium	150-2	0	3	13	6	124.93	cps
Nickel	60-2	271225	266181	270295	269234	1.00	cps
Phosphorus	31-2	5276	5034	5101	5137	2.43	cps
Potassium	39-2	306400	300465	306130	304331	1.10	cps
Rhodium	103-1	2690290	2674664	2747390	2704115	1.42	cps
Rhodium	103-2	1186016	1190194	1182180	1186130	0.34	cps
Scandium	45-1	2368079	2403291	2377050	2382807	0.77	cps
Scandium	45-2	40368	39753	39833	39985	0.84	cps
Selenium	77-2	2297	2294	2354	2315	1.46	cps
Selenium	78-2	7717	7899	7860	7825	1.22	cps
Selenium	82-1	156084	158364	158778	157742	0.92	cps
Silicon	28-1	41265491	41429820	41543283	41412864	0.34	cps
Silver	109-1	348772	344037	352935	348582	1.28	cps
Silver	107-1	363465	364779	371917	366720	1.24	cps
Sodium	23-2	2403000	2396612	2352415	2384009	1.16	cps
Strontium	86-1	459748	463722	468992	464154	1.00	cps
Strontium	88-1	3964393	3989718	4044547	3999553	1.02	cps
Sulfur	34-1	716479	724107	724253	721613	0.62	cps
Terbium	159-1	3016581	3036505	3054369	3035818	0.62	cps
Terbium	159-2	1168067	1157364	1159719	1161717	0.48	cps
Thallium	203-1	5106237	5242352	5181382	5176657	1.32	cps
Thallium	205-1	11961238	12120726	12057561	12046508	0.67	cps
Tin	118-1	2058721	2074635	2102179	2078512	1.06	cps
Titanium	47-1	140130	143807	139826	141254	1.57	cps
Uranium	238-1	358	508	508	458	18.89	cps
Vanadium	51-2	235011	236960	235468	235813	0.43	cps
Yttrium	89-1	3394353	3319201	3406587	3373381	1.40	cps
Yttrium	89-2	223433	221430	222427	222430	0.45	cps
Zinc	66-2	36501	36294	35790	36195	1.01	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01MS	Instrumnet Name :	P8
Client Sample ID :	390214005.1MS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:09:13	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2792	2600	2634	2675	3.83	cps
Zirconium	91-1	975	967	975	972	0.49	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01MSD	Instrumnet Name :	P8
Client Sample ID :	390214005.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:12:43	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19558	19416	19679	19551	0.67	cps
Antimony	121-1	3597567	3567209	3552153	3572309	0.65	cps
Arsenic	75-1	1304205	1299994	1308095	1304098	0.31	cps
Barium	135-1	180483	179171	179342	179665	0.40	cps
Barium	137-1	313321	318534	317563	316473	0.88	cps
Beryllium	9-1	179912	181317	182373	181201	0.68	cps
Bismuth	209-1	1615013	1638590	1622434	1625346	0.74	cps
Bismuth	209-2	832391	836443	844943	837925	0.76	cps
Boron	10-1	65726	66923	67728	66792	1.51	cps
Boron	11-1	331696	338704	339141	336514	1.24	cps
Cadmium	111-1	206210	208268	206358	206946	0.55	cps
Cadmium	106-1	19440	20558	19757	19918	2.89	cps
Cadmium	108-1	13595	13916	13882	13798	1.28	cps
Calcium	43-1	1034331	1039141	1039702	1037725	0.28	cps
Calcium	44-1	16854885	16909844	16909452	16891394	0.19	cps
Chromium	52-2	405282	408025	404689	405999	0.44	cps
Cobalt	59-2	380552	381453	379734	380580	0.23	cps
Copper	63-2	463146	465195	461757	463366	0.37	cps
Dysprosium	156-1	155238	157819	156285	156447	0.83	cps
Dysprosium	156-2	8159	8079	7963	8067	1.23	cps
Erbium	164-1	58	58	33	50	28.88	cps
Erbium	164-2	13	17	40	23	62.27	cps
Gadolinium	160-1	100	75	67	81	21.54	cps
Gadolinium	160-2	20	13	20	18	21.66	cps
Holmium	165-1	2841029	2841354	2851960	2844781	0.22	cps
Holmium	165-2	1172921	1173405	1182077	1176135	0.44	cps
Indium	115-1	2719525	2713665	2720794	2717995	0.14	cps
Indium	115-2	259985	261117	258610	259904	0.48	cps
Iron	56-2	2192459	2179228	2163465	2178384	0.67	cps
Iron	57-2	52600	52934	52533	52689	0.41	cps
Krypton	83-1	830	873	913	872	4.78	cps
Lead	206-1	2104832	2099069	2127736	2110546	0.72	cps
Lead	207-1	1913048	1968432	1938891	1940124	1.43	cps
Lead	208-1	8518081	8635229	8620039	8591116	0.74	cps
Lithium	6-1	438738	445286	445053	443026	0.84	cps
Magnesium	24-2	1642907	1619066	1624530	1628834	0.77	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01MSD	Instrumnet Name :	P8
Client Sample ID :	390214005.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:12:43	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	66310	66216	64997	65841	1.11	cps
Molybdenum	94-1	459711	469143	464515	464457	1.02	cps
Molybdenum	95-1	800282	812087	803685	805351	0.75	cps
Molybdenum	96-1	857537	870197	867802	865178	0.78	cps
Molybdenum	97-1	497674	495129	497339	496714	0.28	cps
Molybdenum	98-1	1275576	1267234	1286940	1276584	0.77	cps
Neodymium	150-1	33	73	73	60	38.50	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	268522	269131	267525	268393	0.30	cps
Phosphorus	31-2	4993	5385	5235	5204	3.80	cps
Potassium	39-2	305271	305633	304326	305077	0.22	cps
Rhodium	103-1	2693165	2695458	2691992	2693538	0.07	cps
Rhodium	103-2	1186496	1187957	1175536	1183329	0.57	cps
Scandium	45-1	2416838	2396936	2412612	2408795	0.44	cps
Scandium	45-2	39696	39776	39265	39579	0.69	cps
Selenium	77-2	2274	2464	2404	2380	4.08	cps
Selenium	78-2	7895	7812	7648	7785	1.61	cps
Selenium	82-1	159739	160555	160125	160139	0.25	cps
Silicon	28-1	42115722	41516724	42157164	41929870	0.85	cps
Silver	109-1	350747	356542	349680	352323	1.05	cps
Silver	107-1	371801	377752	379403	376319	1.06	cps
Sodium	23-2	2386932	2384367	2399906	2390402	0.35	cps
Strontium	86-1	468081	467387	468830	468100	0.15	cps
Strontium	88-1	4025271	4028430	4079070	4044257	0.75	cps
Sulfur	34-1	731612	729896	728701	730070	0.20	cps
Terbium	159-1	3077201	3124237	3058350	3086596	1.10	cps
Terbium	159-2	1171619	1166338	1159907	1165955	0.50	cps
Thallium	203-1	5173255	5270587	5382195	5275346	1.98	cps
Thallium	205-1	12223757	12359116	12510804	12364559	1.16	cps
Tin	118-1	2098957	2074315	2095795	2089689	0.64	cps
Titanium	47-1	140928	144110	142991	142676	1.13	cps
Uranium	238-1	475	525	442	481	8.73	cps
Vanadium	51-2	233963	239452	234107	235841	1.33	cps
Yttrium	89-1	3374323	3322808	3364194	3353775	0.81	cps
Yttrium	89-2	220797	224164	221092	222018	0.84	cps
Zinc	66-2	36171	36572	36739	36494	0.80	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01MSD	Instrumnet Name :	P8
Client Sample ID :	390214005.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:12:43	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2142	1959	2284	2128	7.66	cps
Zirconium	91-1	900	1058	933	964	8.66	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01A	Instrumnet Name :	P8
Client Sample ID :	390214005.1A	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:16:13	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19338	19781	19631	19583	1.15	cps
Antimony	121-1	3605930	3641800	3626233	3624654	0.50	cps
Arsenic	75-1	1299791	1300413	1309327	1303177	0.41	cps
Barium	135-1	182689	183528	181293	182503	0.62	cps
Barium	137-1	319321	321116	316828	319088	0.67	cps
Beryllium	9-1	180682	183150	180666	181499	0.79	cps
Bismuth	209-1	1672738	1697655	1702293	1690895	0.94	cps
Bismuth	209-2	840389	853278	835022	842896	1.11	cps
Boron	10-1	64505	67518	65970	65997	2.28	cps
Boron	11-1	329668	345618	342287	339191	2.48	cps
Cadmium	111-1	208164	210975	210213	209784	0.69	cps
Cadmium	106-1	20541	20116	20082	20246	1.26	cps
Cadmium	108-1	13595	13999	13882	13825	1.51	cps
Calcium	43-1	1036217	1032416	1037159	1035264	0.24	cps
Calcium	44-1	16984226	16839173	17038715	16954038	0.61	cps
Chromium	52-2	403613	398988	404372	402324	0.72	cps
Cobalt	59-2	376731	378611	381972	379105	0.70	cps
Copper	63-2	460948	463173	461393	461838	0.25	cps
Dysprosium	156-1	153560	156630	154546	154912	1.01	cps
Dysprosium	156-2	8036	7913	8139	8029	1.41	cps
Erbium	164-1	58	58	33	50	28.88	cps
Erbium	164-2	13	23	23	20	28.87	cps
Gadolinium	160-1	92	117	83	97	17.84	cps
Gadolinium	160-2	10	17	13	13	25.01	cps
Holmium	165-1	2905627	2924300	2885652	2905193	0.67	cps
Holmium	165-2	1172851	1182677	1177110	1177546	0.42	cps
Indium	115-1	2725029	2751155	2761299	2745828	0.68	cps
Indium	115-2	258907	262888	261640	261145	0.78	cps
Iron	56-2	2163622	2172912	2172296	2169610	0.24	cps
Iron	57-2	51992	53297	53994	53094	1.91	cps
Krypton	83-1	807	940	840	862	8.05	cps
Lead	206-1	2132254	2180603	2153650	2155503	1.12	cps
Lead	207-1	1937999	1969281	1927622	1944967	1.11	cps
Lead	208-1	8626204	8728734	8623941	8659626	0.69	cps
Lithium	6-1	441607	451459	441663	444910	1.27	cps
Magnesium	24-2	1612996	1628763	1623532	1621764	0.50	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01A	Instrumnet Name :	P8
Client Sample ID :	390214005.1A	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:16:13	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	65620	65091	65236	65315	0.42	cps
Molybdenum	94-1	469717	474745	472545	472336	0.53	cps
Molybdenum	95-1	817057	823294	814554	818302	0.55	cps
Molybdenum	96-1	874690	880216	876820	877242	0.32	cps
Molybdenum	97-1	504671	505768	509301	506580	0.48	cps
Molybdenum	98-1	1284542	1293227	1282320	1286697	0.45	cps
Neodymium	150-1	20	27	40	29	35.25	cps
Neodymium	150-2	7	7	13	9	43.25	cps
Nickel	60-2	268061	272196	269914	270057	0.77	cps
Phosphorus	31-2	5001	5109	5476	5196	4.79	cps
Potassium	39-2	301042	306605	307135	304927	1.11	cps
Rhodium	103-1	2730363	2756573	2726171	2737702	0.60	cps
Rhodium	103-2	1183548	1189826	1189701	1187691	0.30	cps
Scandium	45-1	2403581	2399023	2421737	2408114	0.50	cps
Scandium	45-2	39465	39412	39419	39432	0.07	cps
Selenium	77-2	2230	2177	2314	2240	3.08	cps
Selenium	78-2	7976	7867	7726	7857	1.60	cps
Selenium	82-1	160221	160282	160939	160481	0.25	cps
Silicon	28-1	41355521	41226282	42108409	41563404	1.15	cps
Silver	109-1	357570	359410	355105	357362	0.60	cps
Silver	107-1	372270	372973	377362	374202	0.74	cps
Sodium	23-2	2355778	2382748	2432603	2390376	1.63	cps
Strontium	86-1	472987	476527	471848	473787	0.51	cps
Strontium	88-1	4081859	4153884	4066212	4100652	1.14	cps
Sulfur	34-1	728938	728980	729689	729202	0.06	cps
Terbium	159-1	3033190	3044337	3014425	3030651	0.50	cps
Terbium	159-2	1164127	1174013	1165656	1167932	0.46	cps
Thallium	203-1	5309301	5383718	5380286	5357768	0.78	cps
Thallium	205-1	12421927	12622626	12525083	12523212	0.80	cps
Tin	118-1	2110989	2108757	2114287	2111345	0.13	cps
Titanium	47-1	141913	144235	142141	142763	0.90	cps
Uranium	238-1	458	392	350	400	13.66	cps
Vanadium	51-2	235324	235657	236163	235715	0.18	cps
Yttrium	89-1	3393464	3400678	3395490	3396544	0.11	cps
Yttrium	89-2	222059	223512	220932	222168	0.58	cps
Zinc	66-2	36438	36124	36936	36499	1.12	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1730-01A	Instrumnet Name :	P8
Client Sample ID :	390214005.1A	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:16:13	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1592	1967	2234	1931	16.70	cps
Zirconium	91-1	967	975	983	975	0.86	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1731-01	Instrumnet Name :	P8
Client Sample ID :	390212054.3	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:23:48	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60	105	90	85	26.95	cps
Antimony	121-1	992	1100	1258	1117	12.01	cps
Arsenic	75-1	2126	2068	2118	2104	1.51	cps
Barium	135-1	31722	32600	33502	32608	2.73	cps
Barium	137-1	55250	56304	55542	55699	0.98	cps
Beryllium	9-1	97	97	120	104	12.90	cps
Bismuth	209-1	1666508	1664063	1635166	1655246	1.05	cps
Bismuth	209-2	838177	834927	842543	838549	0.46	cps
Boron	10-1	25816	25407	26809	26010	2.77	cps
Boron	11-1	131532	135443	137185	134720	2.15	cps
Cadmium	111-1	504	553	514	524	4.96	cps
Cadmium	106-1	700	758	708	722	4.37	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	407560	407497	407350	407469	0.03	cps
Calcium	44-1	6675016	6702516	6786793	6721442	0.87	cps
Chromium	52-2	4744	4631	4654	4676	1.28	cps
Cobalt	59-2	113	130	93	112	16.36	cps
Copper	63-2	3297	3017	3184	3166	4.45	cps
Dysprosium	156-1	58	50	92	67	33.07	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	8	33	22	57.29	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	25	17	17	19	24.73	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	2826042	2871858	2870948	2856283	0.92	cps
Holmium	165-2	1160809	1141555	1162185	1154850	1.00	cps
Indium	115-1	2801929	2772269	2773972	2782723	0.60	cps
Indium	115-2	265561	263863	265718	265047	0.39	cps
Iron	56-2	7686	8053	7864	7867	2.33	cps
Iron	57-2	228	183	278	230	20.58	cps
Krypton	83-1	957	853	900	903	5.73	cps
Lead	206-1	1583	1517	1333	1478	8.76	cps
Lead	207-1	1317	1372	1183	1291	7.52	cps
Lead	208-1	6029	6267	5595	5964	5.72	cps
Lithium	6-1	417612	425702	423254	422189	0.98	cps
Magnesium	24-2	304079	301255	305903	303746	0.77	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1731-01	Instrumnet Name :	P8
Client Sample ID :	390212054.3	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:23:48	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	323	373	353	350	7.19	cps
Molybdenum	94-1	333	475	475	428	19.12	cps
Molybdenum	95-1	383	392	400	392	2.13	cps
Molybdenum	96-1	475	467	542	494	8.31	cps
Molybdenum	97-1	358	417	408	394	8.00	cps
Molybdenum	98-1	533	700	567	600	14.70	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	127	153	183	154	18.36	cps
Phosphorus	31-2	33	25	25	28	17.31	cps
Potassium	39-2	17078	16802	17245	17041	1.31	cps
Rhodium	103-1	2767976	2769128	2775707	2770937	0.15	cps
Rhodium	103-2	1190355	1193880	1208958	1197731	0.82	cps
Scandium	45-1	2358119	2367193	2364066	2363126	0.20	cps
Scandium	45-2	39255	38951	39586	39264	0.81	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	2	6	7	5	57.32	cps
Selenium	82-1	-111	64	-43	-30	-293.06	cps
Silicon	28-1	32956387	32613648	32854724	32808253	0.54	cps
Silver	109-1	250	242	308	267	13.62	cps
Silver	107-1	308	167	208	228	31.96	cps
Sodium	23-2	602595	598360	605243	602066	0.58	cps
Strontium	86-1	83278	81979	84067	83108	1.27	cps
Strontium	88-1	690008	688935	703129	694024	1.14	cps
Sulfur	34-1	608714	607714	610821	609083	0.26	cps
Terbium	159-1	3047932	3029370	3061622	3046308	0.53	cps
Terbium	159-2	1147873	1145949	1154133	1149319	0.37	cps
Thallium	203-1	208	150	150	169	19.88	cps
Thallium	205-1	317	225	333	292	20.00	cps
Tin	118-1	692	617	817	708	14.26	cps
Titanium	47-1	408	417	458	428	6.26	cps
Uranium	238-1	1925	1825	2142	1964	8.24	cps
Vanadium	51-2	3564	3330	3380	3425	3.59	cps
Yttrium	89-1	3356298	3352237	3355745	3354760	0.07	cps
Yttrium	89-2	219382	218383	222274	220013	0.92	cps
Zinc	66-2	350	447	407	401	12.11	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	K1731-01	Instrumnet Name :	P8
Client Sample ID :	390212054.3	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:23:48	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	342	342	300	328	7.34	cps
Zirconium	91-1	50	125	42	72	63.55	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:27:21	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	545133	548402	550369	547968	0.48	cps
Antimony	121-1	2341912	2378462	2358160	2359511	0.78	cps
Arsenic	75-1	830591	836832	828608	832010	0.52	cps
Barium	135-1	2321879	2279724	2292531	2298045	0.94	cps
Barium	137-1	3984935	3986906	3944092	3971978	0.61	cps
Beryllium	9-1	459639	469824	463171	464211	1.11	cps
Bismuth	209-1	1568929	1576028	1557419	1567459	0.60	cps
Bismuth	209-2	787458	797936	797315	794236	0.74	cps
Boron	10-1	62981	64253	65450	64228	1.92	cps
Boron	11-1	316334	326583	327658	323525	1.93	cps
Cadmium	111-1	525845	521445	522267	523186	0.45	cps
Cadmium	106-1	58411	56311	56820	57181	1.92	cps
Cadmium	108-1	38346	38154	38284	38261	0.26	cps
Calcium	43-1	3746885	3772244	3714567	3744566	0.77	cps
Calcium	44-1	60421391	60519512	59589614	60176839	0.85	cps
Chromium	52-2	515534	508142	515982	513220	0.86	cps
Cobalt	59-2	961992	957470	955096	958186	0.37	cps
Copper	63-2	1477960	1502860	1488172	1489664	0.84	cps
Dysprosium	156-1	92	125	92	103	18.73	cps
Dysprosium	156-2	13	3	7	8	65.47	cps
Erbium	164-1	33	33	33	33	0.00	cps
Erbium	164-2	7	10	17	11	45.82	cps
Gadolinium	160-1	58	58	83	67	21.65	cps
Gadolinium	160-2	20	7	10	12	56.76	cps
Holmium	165-1	2895336	2894110	2851407	2880284	0.87	cps
Holmium	165-2	1148118	1153713	1159815	1153882	0.51	cps
Indium	115-1	2691798	2727342	2742486	2720542	0.96	cps
Indium	115-2	256345	255019	256965	256110	0.39	cps
Iron	56-2	87750538	88068638	86799924	87539700	0.75	cps
Iron	57-2	2228805	2248552	2253096	2243484	0.58	cps
Krypton	83-1	860	850	923	878	4.53	cps
Lead	206-1	1009519	1007647	998639	1005269	0.58	cps
Lead	207-1	925034	916607	908231	916624	0.92	cps
Lead	208-1	4204560	4192134	4126229	4174308	1.01	cps
Lithium	6-1	437137	435874	436893	436634	0.15	cps
Magnesium	24-2	10584517	10705667	10764940	10685041	0.86	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:27:21	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	329105	332476	330173	330585	0.52	cps
Molybdenum	94-1	4593519	4529270	4617771	4580187	1.00	cps
Molybdenum	95-1	5834277	5772715	5767498	5791497	0.64	cps
Molybdenum	96-1	6328804	6347216	6285456	6320492	0.50	cps
Molybdenum	97-1	3485233	3540370	3494999	3506867	0.84	cps
Molybdenum	98-1	9001302	8971795	8933809	8968968	0.38	cps
Neodymium	150-1	127	147	113	129	13.02	cps
Neodymium	150-2	17	13	13	14	13.35	cps
Nickel	60-2	271182	269521	269851	270185	0.33	cps
Phosphorus	31-2	8486	9112	9320	8973	4.84	cps
Potassium	39-2	3608062	3664300	3692018	3654793	1.17	cps
Rhodium	103-1	2677248	2702638	2711105	2696997	0.65	cps
Rhodium	103-2	1151260	1158988	1158612	1156287	0.38	cps
Scandium	45-1	2426525	2479901	2401707	2436044	1.64	cps
Scandium	45-2	38386	39780	40465	39543	2.68	cps
Selenium	77-2	537	510	640	562	12.21	cps
Selenium	78-2	1984	2050	1967	2000	2.21	cps
Selenium	82-1	41372	41003	40564	40980	0.99	cps
Silicon	28-1	2028199	2033611	2065089	2042299	0.98	cps
Silver	109-1	2426440	2441196	2445137	2437591	0.40	cps
Silver	107-1	2586029	2602302	2564050	2584127	0.74	cps
Sodium	23-2	24724271	24874160	24749015	24782482	0.32	cps
Strontium	86-1	809463	806970	803090	806508	0.40	cps
Strontium	88-1	6910949	6936714	6915758	6921140	0.20	cps
Sulfur	34-1	785075	794274	792858	790735	0.63	cps
Terbium	159-1	3038919	3058446	3080355	3059240	0.68	cps
Terbium	159-2	1151011	1149992	1143541	1148181	0.35	cps
Thallium	203-1	1288045	1280729	1273083	1280619	0.58	cps
Thallium	205-1	3181420	3155514	3158384	3165106	0.45	cps
Tin	118-1	1522175	1551890	1529264	1534443	1.01	cps
Titanium	47-1	1883458	1910568	1905529	1899852	0.76	cps
Uranium	238-1	4010268	3961431	3979995	3983898	0.62	cps
Vanadium	51-2	395812	396605	398018	396811	0.28	cps
Yttrium	89-1	3459505	3442340	3410105	3437316	0.73	cps
Yttrium	89-2	220360	222989	223188	222179	0.71	cps
Zinc	66-2	179815	179768	179640	179741	0.05	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:27:21	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3743198	3789509	3809299	3780668	0.90	cps
Zirconium	91-1	818023	810217	817116	815119	0.52	cps

LB Number : LB101168 Operator : Jaswal
 Lab Sample ID : CCB28 Instrumnet Name : P8
 Client Sample ID : CCB28 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-05 13:32:26 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	63	38	53	51	24.76	cps
Antimony	121-1	1158	1325	1292	1258	7.01	cps
Arsenic	75-1	1156	1095	1100	1117	3.03	cps
Barium	135-1	50	75	25	50	50.00	cps
Barium	137-1	133	117	83	111	22.91	cps
Beryllium	9-1	157	147	143	149	4.66	cps
Bismuth	209-1	1635412	1611018	1676458	1640963	2.02	cps
Bismuth	209-2	835863	830307	838842	835004	0.52	cps
Boron	10-1	1575	1358	1333	1422	9.34	cps
Boron	11-1	6719	6677	6110	6502	5.23	cps
Cadmium	111-1	530	536	559	542	2.82	cps
Cadmium	106-1	733	767	767	756	2.55	cps
Cadmium	108-1	13	13	4	10	49.46	cps
Calcium	43-1	320	310	333	321	3.64	cps
Calcium	44-1	40662	41040	40462	40721	0.72	cps
Chromium	52-2	2064	1893	1950	1969	4.40	cps
Cobalt	59-2	127	77	87	97	27.37	cps
Copper	63-2	880	883	740	834	9.80	cps
Dysprosium	156-1	8	25	100	44	109.88	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	25	17	17	50.01	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	33	17	42	31	41.66	cps
Gadolinium	160-2	0	0	0	0	0.00	cps
Holmium	165-1	2787882	2852740	2827387	2822670	1.16	cps
Holmium	165-2	1155739	1154487	1138755	1149660	0.82	cps
Indium	115-1	2781067	2753514	2791552	2775378	0.71	cps
Indium	115-2	263083	266098	264222	264467	0.58	cps
Iron	56-2	4773	5034	4740	4849	3.33	cps
Iron	57-2	122	150	144	139	10.58	cps
Krypton	83-1	1033	903	910	949	7.72	cps
Lead	206-1	1100	1122	1067	1096	2.55	cps
Lead	207-1	1050	989	1089	1043	4.84	cps
Lead	208-1	4556	4434	4406	4465	1.79	cps
Lithium	6-1	432034	431427	427794	430418	0.53	cps
Magnesium	24-2	450	600	425	492	19.25	cps

LB Number : LB101168 Operator : Jaswal
 Lab Sample ID : CCB28 Instrumnet Name : P8
 Client Sample ID : CCB28 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-05 13:32:26 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	93	77	77	82	11.70	cps
Molybdenum	94-1	325	283	283	297	8.09	cps
Molybdenum	95-1	258	217	133	203	31.39	cps
Molybdenum	96-1	292	367	300	319	12.87	cps
Molybdenum	97-1	225	158	192	192	17.39	cps
Molybdenum	98-1	333	242	225	267	21.88	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77	117	90	94	21.56	cps
Phosphorus	31-2	33	8	8	17	86.62	cps
Potassium	39-2	8912	8144	8511	8522	4.50	cps
Rhodium	103-1	2796957	2830731	2760205	2795964	1.26	cps
Rhodium	103-2	1217237	1216301	1213103	1215547	0.18	cps
Scandium	45-1	2356509	2355103	2384360	2365324	0.70	cps
Scandium	45-2	39476	39001	38834	39103	0.85	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	7	2	9	6	62.47	cps
Selenium	82-1	-115	-82	41	-52	-157.09	cps
Silicon	28-1	425935	429100	461442	438825	4.48	cps
Silver	109-1	342	400	383	375	8.01	cps
Silver	107-1	467	383	417	422	9.93	cps
Sodium	23-2	20424	21008	20265	20566	1.90	cps
Strontium	86-1	1317	1500	1308	1375	7.88	cps
Strontium	88-1	125	125	108	119	8.06	cps
Sulfur	34-1	530841	533972	527654	530823	0.60	cps
Terbium	159-1	3038469	2997376	2994382	3010076	0.82	cps
Terbium	159-2	1143771	1152093	1133216	1143026	0.83	cps
Thallium	203-1	75	92	133	100	30.05	cps
Thallium	205-1	250	233	250	244	3.94	cps
Tin	118-1	517	442	433	464	9.89	cps
Titanium	47-1	100	167	125	131	25.80	cps
Uranium	238-1	50	75	58	61	20.83	cps
Vanadium	51-2	7	37	37	27	64.94	cps
Yttrium	89-1	3341752	3295663	3346722	3328046	0.85	cps
Yttrium	89-2	221978	218569	218609	219719	0.89	cps
Zinc	66-2	90	93	73	86	12.53	cps

LB Number :	LB101168	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2019-03-05 13:32:26	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	458	433	433	442	3.27	cps
Zirconium	91-1	108	83	142	111	26.34	cps