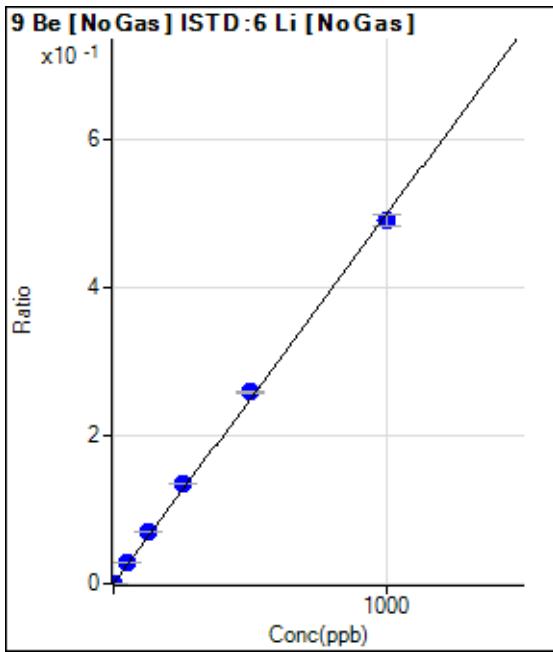


Calibration for 007CAL.S.d

Batch Folder: D:\ICP-MS Data\P7061119.b\
 Analysis File: P7061119.batch.bin
 DA Date-Time: 2019-06-11 17:30:46
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-06-11 14:32:30
2			
3	005CAL.S.d	S02	2019-06-11 14:40:27
4	006CAL.S.d	S03	2019-06-11 14:44:23
5	007CAL.S.d	S04	2019-06-11 14:48:20
6	008CAL.S.d	S05	2019-06-11 14:52:13
7	011CAL.S.d	S06	2019-06-11 15:04:36
8	012CAL.S.d	S07	2019-06-11 15:08:22
9	013CAL.S.d	S08	2019-06-11 15:12:08



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	63.33	0.0000	P	14.3
2	<input type="checkbox"/>	0.100					
3	<input type="checkbox"/>	1.000	0.970	1304.52	0.0005	P	4.8
4	<input type="checkbox"/>	50.000	56.859	71355.36	0.0283	P	6.5
5	<input type="checkbox"/>	125.000	139.143	177254.85	0.0693	P	0.4
6	<input type="checkbox"/>	250.000	272.833	317680.54	0.1359	P	0.4
7	<input type="checkbox"/>	500.000	518.423	587829.66	0.2581	P	0.6
8	<input type="checkbox"/>	1000.000	982.970	1112945.17	0.4894	P	3.1
9	<input type="checkbox"/>			460.02	0.0002	P	11.0

$y = 4.9785E-004 * x + 2.5181E-005$

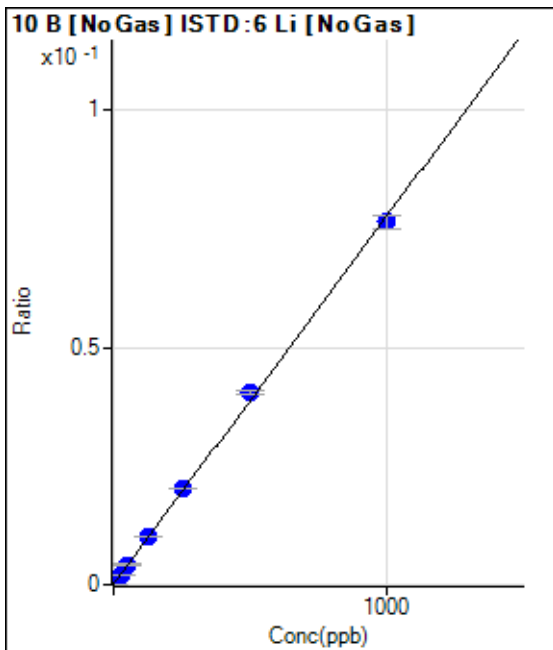
R = 0.9994

DL = 0.02167

BEC = 0.05058

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	161.12	0.0001	P	22.0
2	<input type="checkbox"/>	2.500					
3	<input type="checkbox"/>	25.000	23.670	4878.78	0.0019	P	6.4
4	<input type="checkbox"/>	50.000	53.652	10637.47	0.0042	P	8.4
5	<input type="checkbox"/>	125.000	130.783	26115.10	0.0102	P	1.1
6	<input type="checkbox"/>	250.000	259.941	47302.86	0.0202	P	0.5
7	<input type="checkbox"/>	500.000	522.209	92409.89	0.0406	P	1.4
8	<input type="checkbox"/>	1000.000	985.538	174002.67	0.0765	P	3.8
9	<input type="checkbox"/>			9912.00	0.0044	P	9.5

$y = 7.7578E-005 * x + 6.4075E-005$

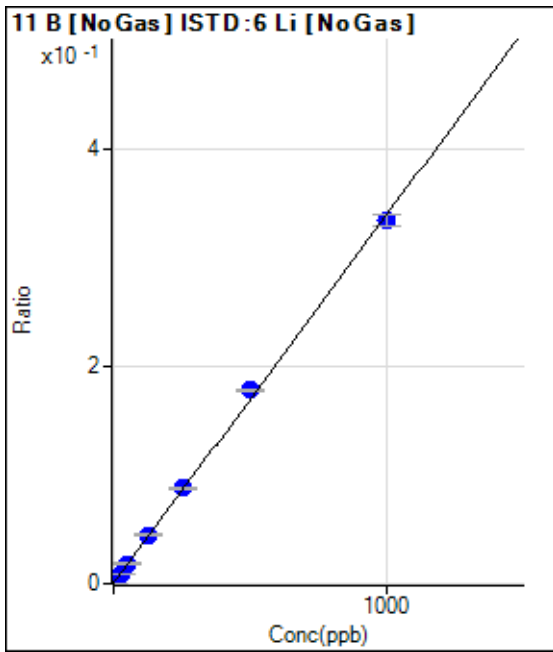
R = 0.9996

DL = 0.5439

BEC = 0.8259

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	750.05	0.0003	P	12.1
2	<input type="checkbox"/>	2.500					
3	<input type="checkbox"/>	25.000	23.575	21265.69	0.0083	P	5.5
4	<input type="checkbox"/>	50.000	53.225	46135.72	0.0183	P	7.2
5	<input type="checkbox"/>	125.000	131.139	114361.22	0.0447	P	1.7
6	<input type="checkbox"/>	250.000	258.396	205309.25	0.0878	P	2.2
7	<input type="checkbox"/>	500.000	525.455	405959.70	0.1783	P	1.1
8	<input type="checkbox"/>	1000.000	984.280	758752.08	0.3336	P	3.2
9	<input type="checkbox"/>			44513.84	0.0196	P	9.6

$y = 3.3867E-004 * x + 2.9820E-004$

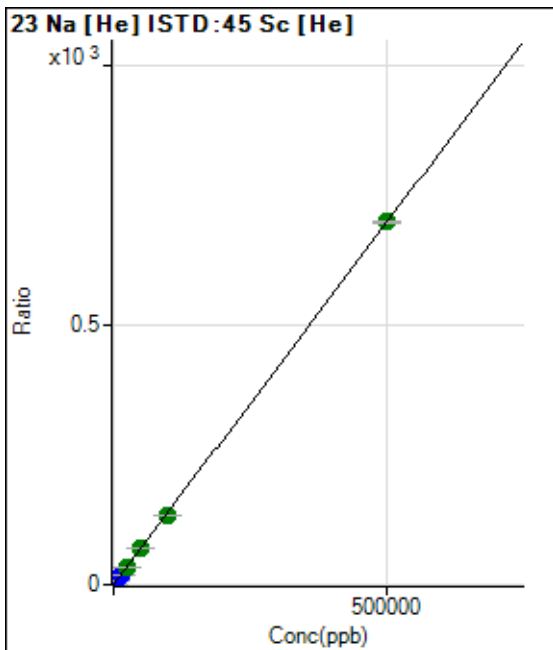
R = 0.9994

DL = 0.3197

BEC = 0.8805

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	1661.27	0.0095	P	4.0
2	<input type="checkbox"/>	50.000					
3	<input type="checkbox"/>	500.000	433.519	112163.68	0.6135	P	1.0
4	<input type="checkbox"/>	5000.000	4766.099	1209324.31	6.6501	P	1.1
5	<input type="checkbox"/>	12500.000	12368.722	2932824.65	17.2428	P	4.1
6	<input type="checkbox"/>	25000.000	24548.650	5201928.46	34.2131	A	0.7
7	<input type="checkbox"/>	50000.000	50436.740	10070139.63	70.2829	A	5.2
8	<input type="checkbox"/>	100000.00	94573.212	19567473.87	131.7782	A	0.5
9	<input type="checkbox"/>	500000.00	501069.93	113573046.9	698.1496	A	0.8

$y = 0.0014 * x + 0.0095$

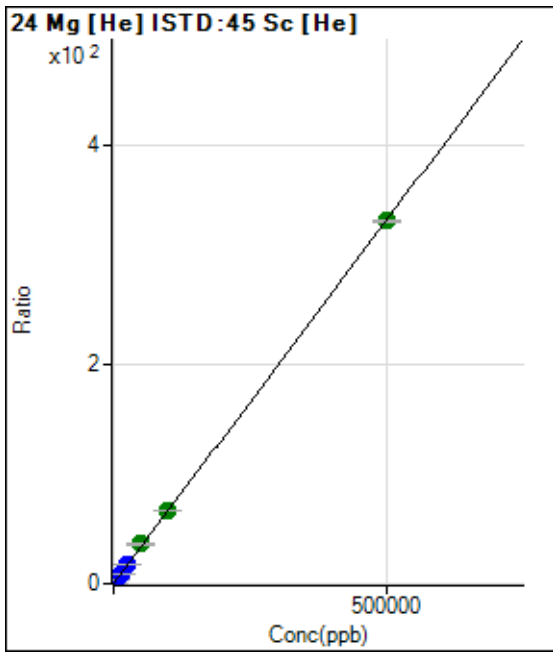
R = 0.9999

DL = 0.8215

BEC = 6.791

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	91.67	0.0005	P	55.0
2	<input type="checkbox"/>	50.000					
3	<input type="checkbox"/>	500.000	496.228	60157.27	0.3291	P	2.2
4	<input type="checkbox"/>	5000.000	5186.477	624543.28	3.4342	P	0.7
5	<input type="checkbox"/>	12500.000	13568.867	1528036.85	8.9838	P	4.2
6	<input type="checkbox"/>	25000.000	26896.067	2707486.48	17.8072	P	0.7
7	<input type="checkbox"/>	50000.000	54273.770	5148067.74	35.9327	A	5.4
8	<input type="checkbox"/>	100000.00	101288.38	9957615.85	67.0588	A	0.3
9	<input type="checkbox"/>	500000.00	499191.55	53762651.55	330.4920	A	0.8

$y = 6.6205E-004 * x + 5.2153E-004$

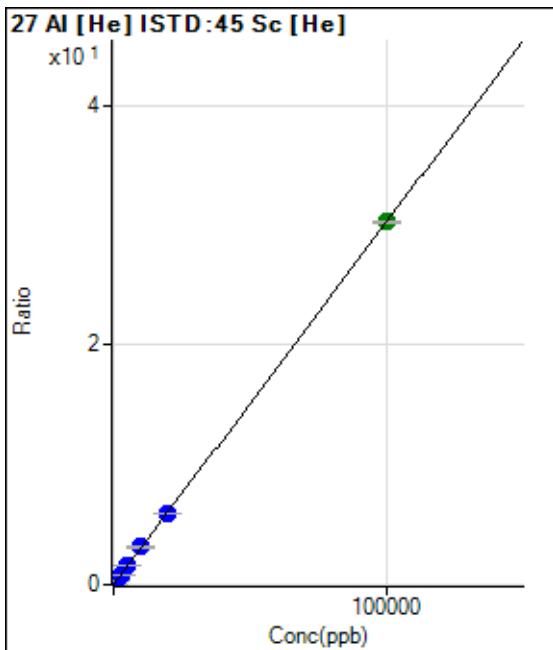
R = 1.0000

DL = 1.3

BEC = 0.7878

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	36.11	0.0002	P	53.0
2	<input type="checkbox"/>	2.000					
3	<input type="checkbox"/>	20.000	17.602	1011.18	0.0055	P	2.6
4	<input type="checkbox"/>	1000.000	995.406	54804.04	0.3014	P	1.6
5	<input type="checkbox"/>	2500.000	2591.211	133376.72	0.7842	P	4.4
6	<input type="checkbox"/>	5000.000	5195.171	239019.81	1.5721	P	1.1
7	<input type="checkbox"/>	10000.000	10473.361	454080.73	3.1690	P	5.0
8	<input type="checkbox"/>	20000.000	19558.841	878744.20	5.9179	P	0.5
9	<input type="checkbox"/>	100000.00	100028.90	4923362.18	30.2650	A	0.7

$y = 3.0256E-004 * x + 2.0547E-004$

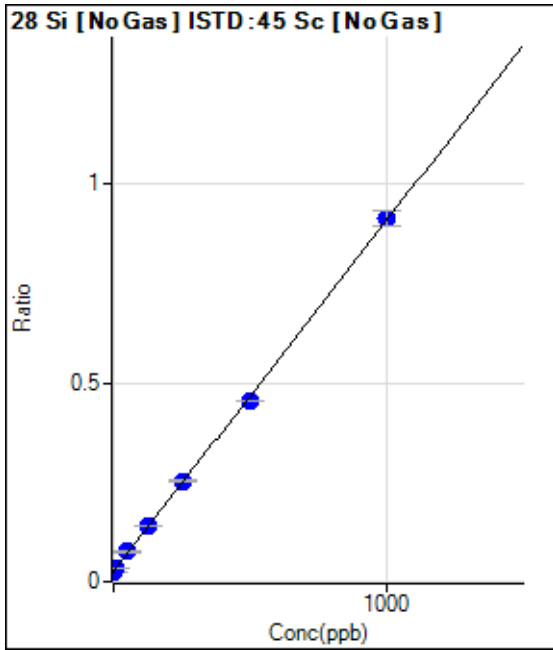
R = 1.0000

DL = 1.08

BEC = 0.6791

Weight: <None>

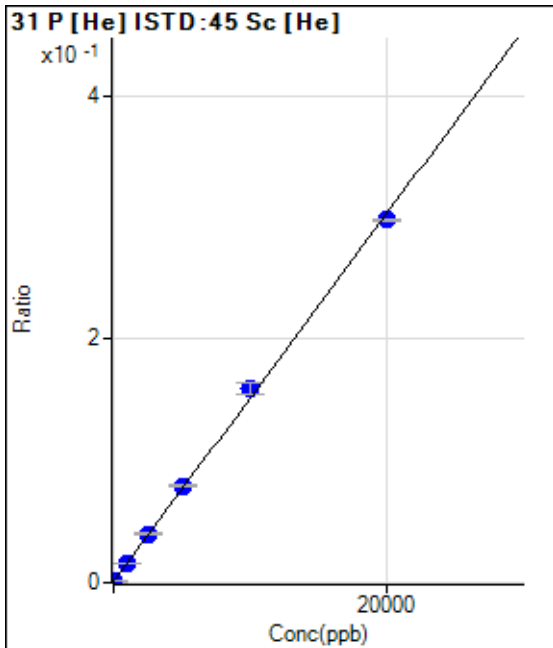
Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	104947.37	0.0261	P	1.0
2	<input type="checkbox"/>	1.000					
3	<input type="checkbox"/>	10.000	9.708	141389.46	0.0346	P	5.0
4	<input type="checkbox"/>	50.000	56.410	300802.98	0.0758	P	8.6
5	<input type="checkbox"/>	125.000	130.273	568289.68	0.1409	P	0.5
6	<input type="checkbox"/>	250.000	256.933	900948.90	0.2526	P	1.0
7	<input type="checkbox"/>	500.000	485.479	1589850.41	0.4540	P	0.6
8	<input type="checkbox"/>	1000.000	1004.551	3189375.44	0.9115	P	4.1
9	<input type="checkbox"/>			226718.60	0.0641	P	1.2

$y = 8.8139E-004 * x + 0.0261$
 R = 0.9998
 DL = 0.9301
 BEC = 29.6

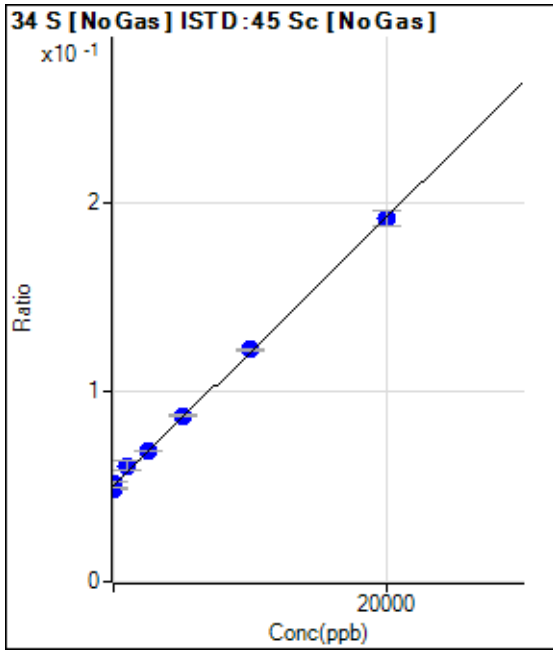
Weight: <None>
 Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	-29.303	52.78	0.0003	P	63.8
2	<input type="checkbox"/>	0.000					
3	<input type="checkbox"/>	0.000	29.303	216.68	0.0012	P	27.5
4	<input type="checkbox"/>	1000.000	985.755	2844.85	0.0156	P	1.4
5	<input type="checkbox"/>	2500.000	2612.059	6843.50	0.0402	P	2.6
6	<input type="checkbox"/>	5000.000	5201.800	12066.43	0.0794	P	1.9
7	<input type="checkbox"/>	10000.000	10517.794	22882.19	0.1597	P	5.4
8	<input type="checkbox"/>	20000.000	19677.358	44272.04	0.2981	P	0.9
9	<input type="checkbox"/>			111.12	0.0007	P	57.4

$y = 1.5113E-005 * x + 7.4371E-004$
 R = 0.9994
 DL = 51.4
 BEC = 49.21

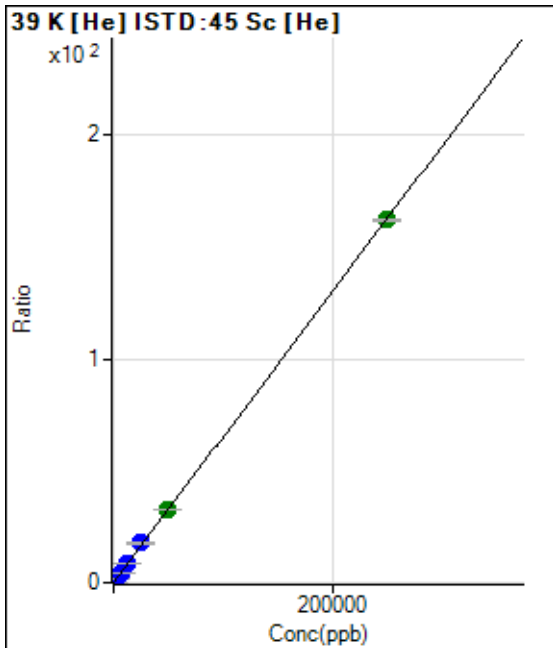
Weight: <None>
 Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	-166.869	197438.81	0.0491	P	0.9
2	<input type="checkbox"/>	0.000					
3	<input type="checkbox"/>	0.000	166.869	209928.40	0.0515	P	5.8
4	<input type="checkbox"/>	1000.000	1538.459	242890.39	0.0612	P	8.2
5	<input type="checkbox"/>	2500.000	2624.296	277941.61	0.0689	P	0.8
6	<input type="checkbox"/>	5000.000	5254.403	312571.31	0.0876	P	0.9
7	<input type="checkbox"/>	10000.000	10151.951	428667.30	0.1224	P	0.6
8	<input type="checkbox"/>	20000.000	19817.964	668662.31	0.1911	P	4.2
9	<input type="checkbox"/>			166005.05	0.0469	P	1.9

$y = 7.1058E-006 * x + 0.0503$
 R = 0.9995
 DL = 721.4
 BEC = 7075

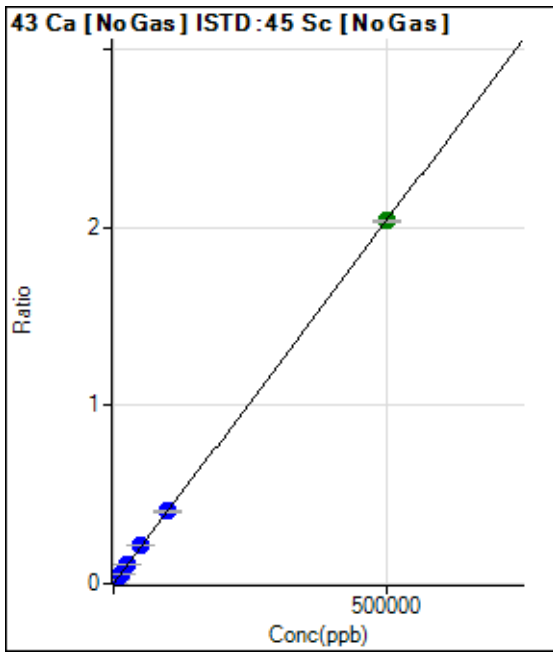
Weight: <None>
 Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	8619.53	0.0491	P	3.6
2	<input type="checkbox"/>	50.000					
3	<input type="checkbox"/>	500.000	477.122	65634.90	0.3590	P	1.5
4	<input type="checkbox"/>	2500.000	2642.575	321082.56	1.7655	P	0.3
5	<input type="checkbox"/>	6250.000	6756.871	754851.37	4.4379	P	4.0
6	<input type="checkbox"/>	12500.000	13343.760	1325257.24	8.7163	P	0.9
7	<input type="checkbox"/>	25000.000	27077.994	2527118.70	17.6371	P	5.2
8	<input type="checkbox"/>	50000.000	50212.345	4850065.25	32.6636	A	0.8
9	<input type="checkbox"/>	250000.00	249693.49	26391968.82	162.2331	A	0.6

$y = 6.4953E-004 * x + 0.0491$
 R = 1.0000
 DL = 8.112
 BEC = 75.58

Weight: <None>
 Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	58.34	0.0000	P	37.7
2	<input type="checkbox"/>	50.000					
3	<input type="checkbox"/>	500.000	493.312	8252.65	0.0020	P	8.9
4	<input type="checkbox"/>	5000.000	5469.042	88528.60	0.0223	P	7.8
5	<input type="checkbox"/>	12500.000	13495.910	221837.58	0.0550	P	1.4
6	<input type="checkbox"/>	25000.000	27016.873	392793.33	0.1101	P	0.3
7	<input type="checkbox"/>	50000.000	51989.858	741902.63	0.2119	P	0.9
8	<input type="checkbox"/>	100000.00	99952.159	1425240.75	0.4073	P	3.8
9	<input type="checkbox"/>	500000.00	499680.15	7200498.25	2.0361	A	0.5

$y = 4.0747E-006 * x + 1.4496E-005$

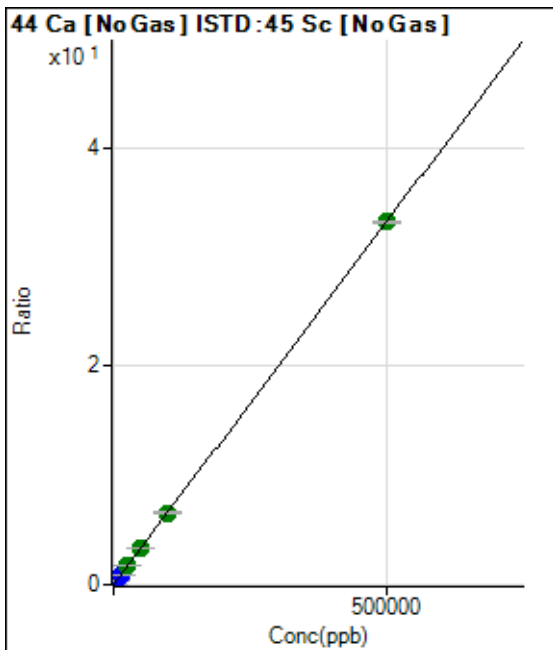
R = 1.0000

DL = 4.019

BEC = 3.558

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	3019.92	0.0008	P	7.1
2	<input type="checkbox"/>	50.000					
3	<input type="checkbox"/>	500.000	494.302	137101.98	0.0336	P	6.1
4	<input type="checkbox"/>	5000.000	5460.454	1443234.48	0.3637	P	8.6
5	<input type="checkbox"/>	12500.000	13318.541	3573532.68	0.8861	P	0.4
6	<input type="checkbox"/>	25000.000	26587.861	6308082.73	1.7682	A	0.3
7	<input type="checkbox"/>	50000.000	51477.174	11986125.53	3.4227	A	0.7
8	<input type="checkbox"/>	100000.00	98735.817	22969450.51	6.5642	A	3.9
9	<input type="checkbox"/>	500000.00	500000.66	117547683.1	33.2382	A	0.6

$y = 6.6475E-005 * x + 7.5091E-004$

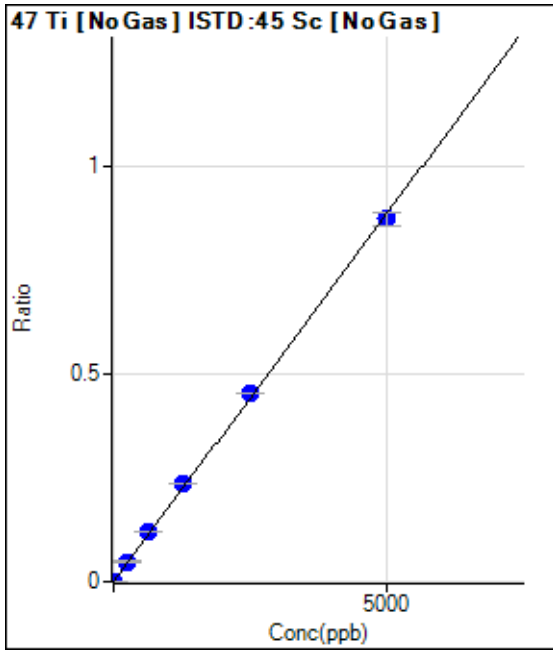
R = 1.0000

DL = 2.393

BEC = 11.3

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	50.00	0.0000	P	44.7
2	<input type="checkbox"/>	0.500					
3	<input type="checkbox"/>	5.000	5.157	3775.64	0.0009	P	8.5
4	<input type="checkbox"/>	250.000	272.736	191872.06	0.0483	P	8.0
5	<input type="checkbox"/>	625.000	669.483	478471.68	0.1186	P	0.6
6	<input type="checkbox"/>	1250.000	1343.364	849267.55	0.2381	P	0.3
7	<input type="checkbox"/>	2500.000	2566.843	1592858.41	0.4548	P	0.3
8	<input type="checkbox"/>	5000.000	4936.540	3060868.21	0.8747	P	4.1
9	<input type="checkbox"/>			1864.09	0.0005	P	4.2

$y = 1.7720E-004 * x + 1.2450E-005$

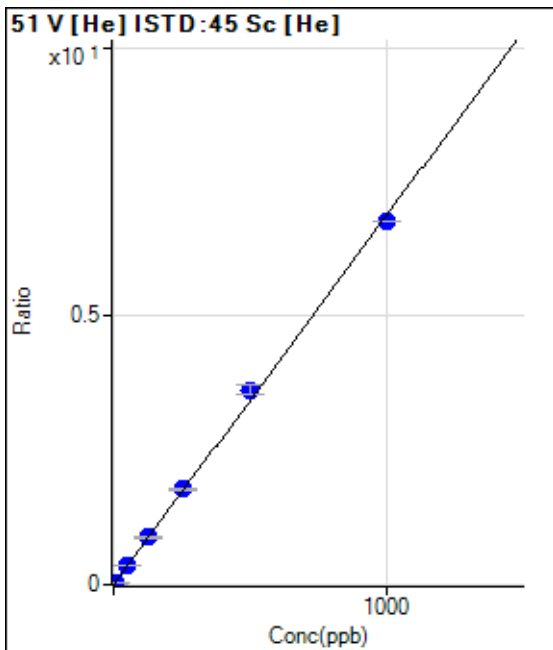
R = 0.9997

DL = 0.09428

BEC = 0.07026

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	4.44	0.0000	P	43.4
2	<input type="checkbox"/>	0.500					
3	<input type="checkbox"/>	5.000	4.843	6093.56	0.0333	P	2.0
4	<input type="checkbox"/>	50.000	51.011	63795.04	0.3508	P	1.3
5	<input type="checkbox"/>	125.000	129.898	151936.76	0.8933	P	4.0
6	<input type="checkbox"/>	250.000	258.658	270436.57	1.7787	P	0.8
7	<input type="checkbox"/>	500.000	527.800	520086.81	3.6294	P	4.8
8	<input type="checkbox"/>	1000.000	983.274	1004033.39	6.7615	P	0.1
9	<input type="checkbox"/>			281.12	0.0017	P	12.2

$y = 0.0069 * x + 2.5304E-005$

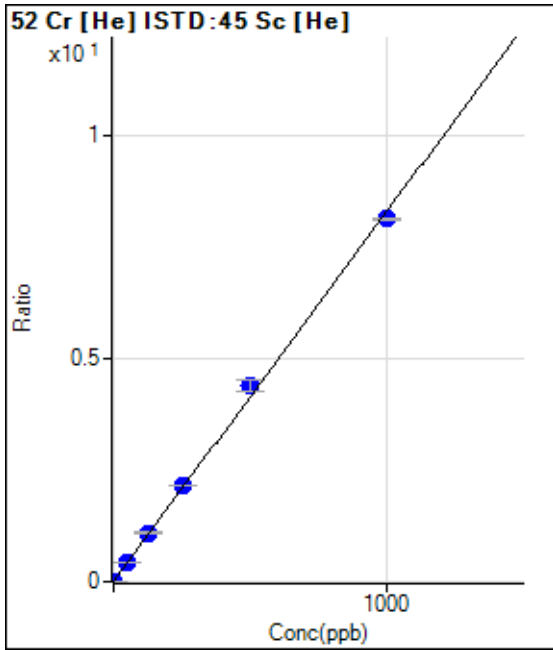
R = 0.9994

DL = 0.004788

BEC = 0.00368

Weight: <None>

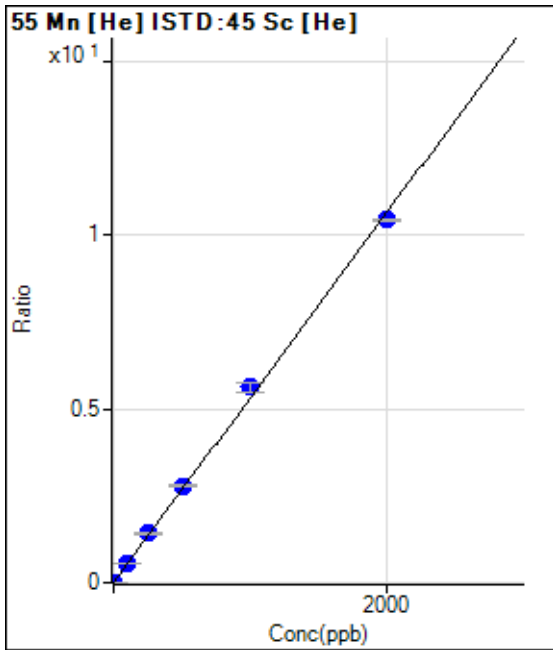
Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	365.57	0.0021	P	5.6
2	<input type="checkbox"/>	0.200					
3	<input type="checkbox"/>	2.000	1.864	3205.96	0.0175	P	6.3
4	<input type="checkbox"/>	50.000	51.739	78398.16	0.4311	P	0.5
5	<input type="checkbox"/>	125.000	132.394	187080.96	1.0999	P	4.0
6	<input type="checkbox"/>	250.000	261.459	329949.01	2.1701	P	0.7
7	<input type="checkbox"/>	500.000	529.668	629568.19	4.3940	P	5.3
8	<input type="checkbox"/>	1000.000	981.290	1208525.15	8.1388	P	0.5
9	<input type="checkbox"/>			19485.30	0.1198	P	0.7

$y = 0.0083 * x + 0.0021$
 $R = 0.9992$
 $DL = 0.04227$
 $BEC = 0.2511$

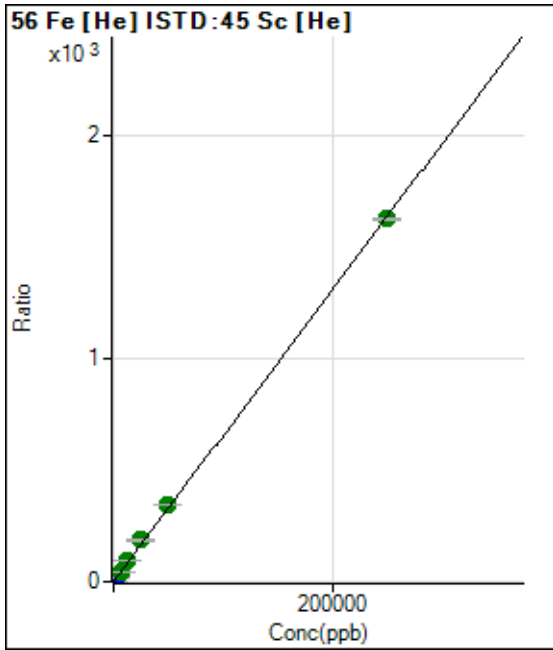
Weight: <None>
 Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	37.78	0.0002	P	28.7
2	<input type="checkbox"/>	0.100					
3	<input type="checkbox"/>	1.000	0.989	1000.05	0.0055	P	4.1
4	<input type="checkbox"/>	100.000	100.960	97569.24	0.5365	P	1.1
5	<input type="checkbox"/>	250.000	266.511	240831.29	1.4160	P	4.3
6	<input type="checkbox"/>	500.000	524.529	423681.83	2.7866	P	1.0
7	<input type="checkbox"/>	1000.000	1057.456	804925.24	5.6176	P	5.0
8	<input type="checkbox"/>	2000.000	1963.028	1548481.90	10.4281	P	0.2
9	<input type="checkbox"/>			7035.11	0.0432	P	4.1

$y = 0.0053 * x + 2.1525E-004$
 $R = 0.9993$
 $DL = 0.03486$
 $BEC = 0.04052$

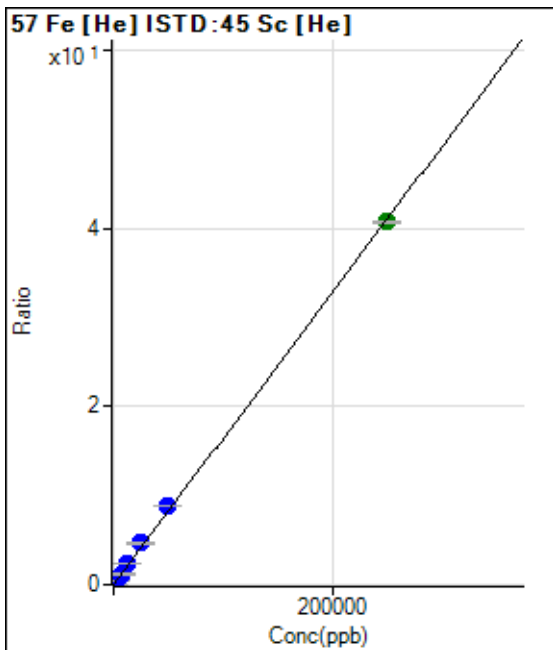
Weight: <None>
 Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	1642.73	0.0094	P	4.2
2	<input type="checkbox"/>	5.000					
3	<input type="checkbox"/>	50.000	54.113	66377.75	0.3631	P	1.0
4	<input type="checkbox"/>	2500.000	2779.113	3305227.74	18.1745	P	0.4
5	<input type="checkbox"/>	6250.000	7044.054	7832829.57	46.0516	A	4.2
6	<input type="checkbox"/>	12500.000	13994.869	13909749.73	91.4843	A	0.8
7	<input type="checkbox"/>	25000.000	28555.715	26743688.79	186.6587	A	5.3
8	<input type="checkbox"/>	50000.000	52764.474	51212994.20	344.8950	A	0.4
9	<input type="checkbox"/>	250000.00	248994.14	264759074.4	1,627.515	A	0.7

$y = 0.0065 * x + 0.0094$
 $R = 0.9999$
 $DL = 0.1807$
 $BEC = 1.431$

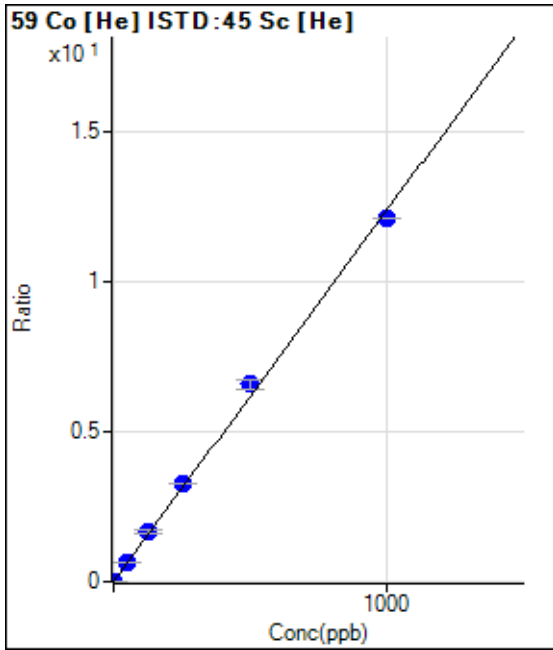
Weight: <None>
 Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	85.19	0.0005	P	29.3
2	<input type="checkbox"/>	5.000					
3	<input type="checkbox"/>	50.000	59.577	1874.25	0.0103	P	3.6
4	<input type="checkbox"/>	2500.000	2805.494	83742.95	0.4604	P	0.9
5	<input type="checkbox"/>	6250.000	7191.024	200629.96	1.1795	P	3.7
6	<input type="checkbox"/>	12500.000	14242.524	355106.71	2.3355	P	0.8
7	<input type="checkbox"/>	25000.000	28904.449	679068.51	4.7394	P	5.1
8	<input type="checkbox"/>	50000.000	53509.106	1302763.43	8.7733	P	0.1
9	<input type="checkbox"/>	250000.00	248794.02	6635636.49	40.7902	A	0.3

$y = 1.6395E-004 * x + 4.8499E-004$
 $R = 0.9998$
 $DL = 2.599$
 $BEC = 2.958$

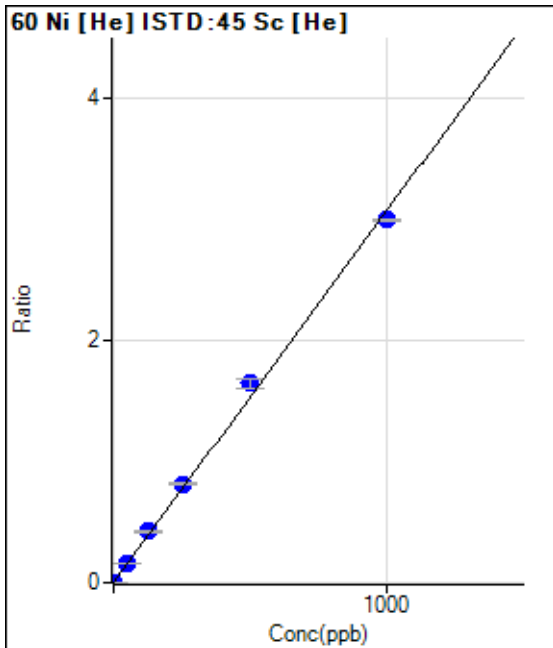
Weight: <None>
 Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	40.00	0.0002	P	28.6
2	<input type="checkbox"/>	0.100					
3	<input type="checkbox"/>	1.000	0.974	2247.99	0.0123	P	3.2
4	<input type="checkbox"/>	50.000	52.616	118544.81	0.6519	P	1.0
5	<input type="checkbox"/>	125.000	134.619	283626.13	1.6675	P	4.1
6	<input type="checkbox"/>	250.000	265.727	500423.49	3.2912	P	0.4
7	<input type="checkbox"/>	500.000	533.166	946174.74	6.6035	P	5.1
8	<input type="checkbox"/>	1000.000	978.152	1798927.99	12.1146	P	0.1
9	<input type="checkbox"/>			23075.02	0.1418	P	1.2

$y = 0.0124 * x + 2.2769E-004$
 R = 0.9990
 DL = 0.01579
 BEC = 0.01838

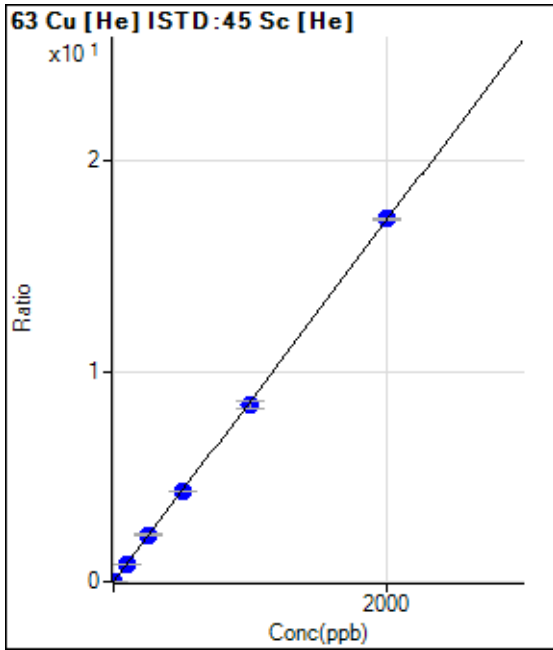
Weight: <None>
 Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	66.67	0.0004	P	9.8
2	<input type="checkbox"/>	0.100					
3	<input type="checkbox"/>	1.000	0.966	612.24	0.0033	P	6.2
4	<input type="checkbox"/>	50.000	53.870	30168.97	0.1659	P	1.0
5	<input type="checkbox"/>	125.000	137.116	71728.76	0.4217	P	3.5
6	<input type="checkbox"/>	250.000	266.114	124372.92	0.8180	P	0.9
7	<input type="checkbox"/>	500.000	536.145	236064.45	1.6477	P	5.3
8	<input type="checkbox"/>	1000.000	976.191	445423.12	2.9997	P	0.5
9	<input type="checkbox"/>			8153.49	0.0501	P	3.2

$y = 0.0031 * x + 3.7964E-004$
 R = 0.9988
 DL = 0.03648
 BEC = 0.1236

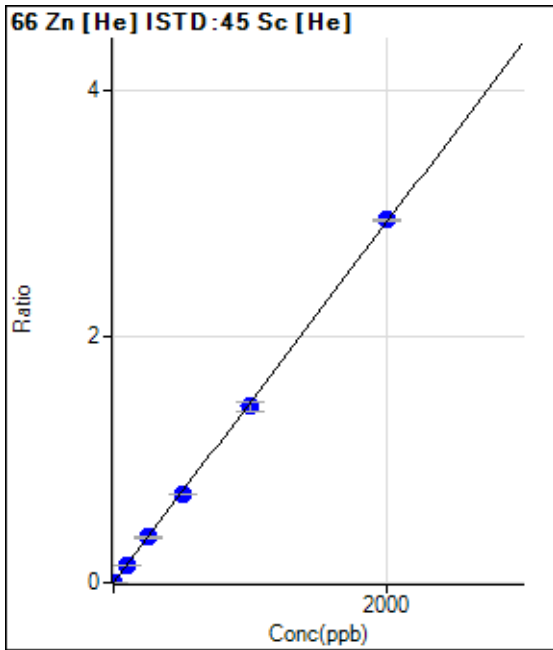
Weight: <None>
 Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	265.56	0.0015	P	6.3
2	<input type="checkbox"/>	0.200					
3	<input type="checkbox"/>	2.000	1.856	3191.52	0.0175	P	1.8
4	<input type="checkbox"/>	100.000	99.726	156038.81	0.8580	P	0.7
5	<input type="checkbox"/>	250.000	257.896	377025.94	2.2165	P	3.9
6	<input type="checkbox"/>	500.000	497.193	649501.85	4.2718	P	0.6
7	<input type="checkbox"/>	1000.000	981.583	1208299.91	8.4320	P	4.9
8	<input type="checkbox"/>	2000.000	2008.937	2562296.12	17.2557	P	0.3
9	<input type="checkbox"/>			3512.70	0.0216	P	1.7

$y = 0.0086 * x + 0.0015$
 $R = 0.9999$
 $DL = 0.03309$
 $BEC = 0.1761$

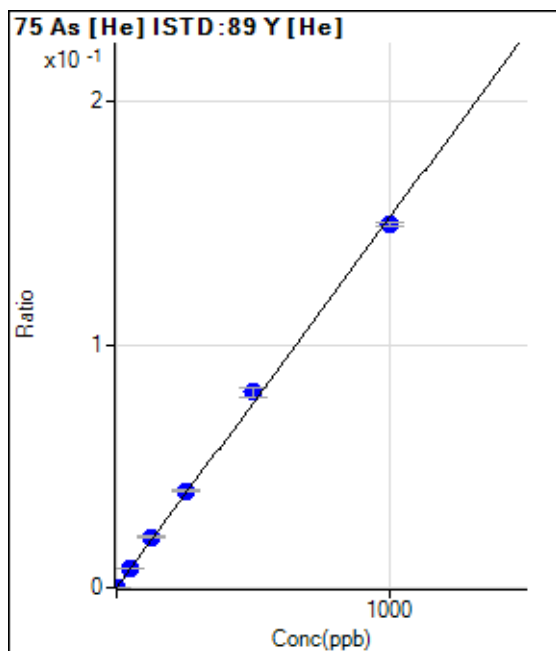
Weight: <None>
 Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	101.12	0.0006	P	15.4
2	<input type="checkbox"/>	0.200					
3	<input type="checkbox"/>	2.000	1.971	633.36	0.0035	P	4.5
4	<input type="checkbox"/>	100.000	95.814	25634.96	0.1410	P	1.0
5	<input type="checkbox"/>	250.000	252.921	63125.62	0.3711	P	4.3
6	<input type="checkbox"/>	500.000	490.856	109435.59	0.7198	P	0.9
7	<input type="checkbox"/>	1000.000	976.581	205125.88	1.4314	P	4.7
8	<input type="checkbox"/>	2000.000	2013.840	438239.07	2.9512	P	0.3
9	<input type="checkbox"/>			5033.17	0.0309	P	3.1

$y = 0.0015 * x + 5.7572E-004$
 $R = 0.9999$
 $DL = 0.181$
 $BEC = 0.3929$

Weight: <None>
 Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	8.03	0.0000	P	13.9
2	<input type="checkbox"/>	0.100					
3	<input type="checkbox"/>	1.000	1.080	176.54	0.0002	P	15.6
4	<input type="checkbox"/>	50.000	53.290	8248.69	0.0081	P	1.1
5	<input type="checkbox"/>	125.000	135.785	19797.48	0.0207	P	4.4
6	<input type="checkbox"/>	250.000	261.227	34868.24	0.0398	P	1.1
7	<input type="checkbox"/>	500.000	528.999	66872.42	0.0805	P	4.7
8	<input type="checkbox"/>	1000.000	981.181	128261.80	0.1493	P	1.0
9	<input type="checkbox"/>			206.18	0.0002	P	11.0

$y = 1.5215E-004 * x + 8.0483E-006$

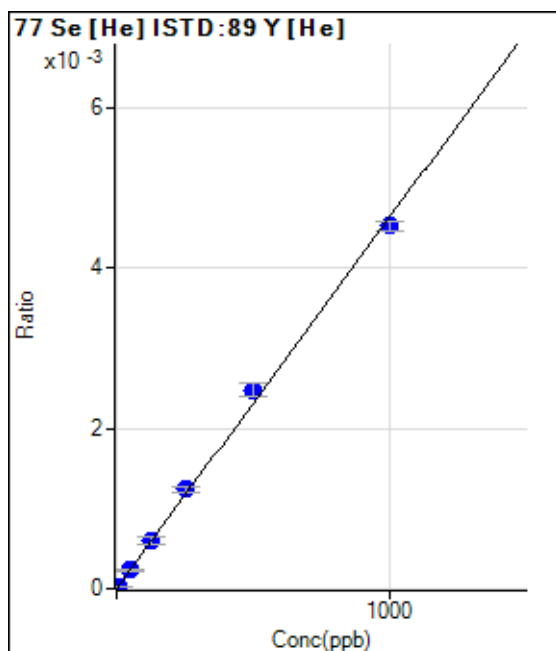
R = 0.9993

DL = 0.02201

BEC = 0.0529

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	0.00	0.0000	P	
2	<input type="checkbox"/>	0.500					
3	<input type="checkbox"/>	5.000	6.313	30.00	0.0000	P	28.6
4	<input type="checkbox"/>	50.000	50.308	236.67	0.0002	P	5.2
5	<input type="checkbox"/>	125.000	128.636	568.91	0.0006	P	18.6
6	<input type="checkbox"/>	250.000	267.905	1087.84	0.0012	P	5.1
7	<input type="checkbox"/>	500.000	535.529	2059.07	0.0025	P	7.2
8	<input type="checkbox"/>	1000.000	977.283	3886.14	0.0045	P	2.4
9	<input type="checkbox"/>			3.33	0.0000	P	99.9

$y = 4.6290E-006 * x + 0.0000E+000$

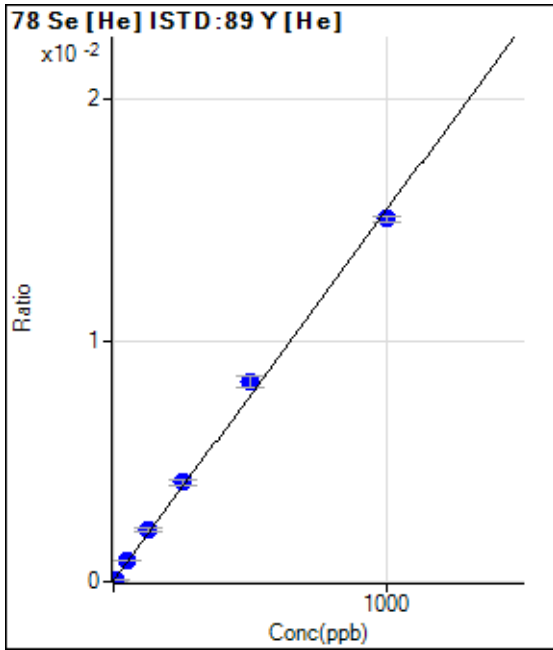
R = 0.9988

DL = 0

BEC = 0

Weight: <None>

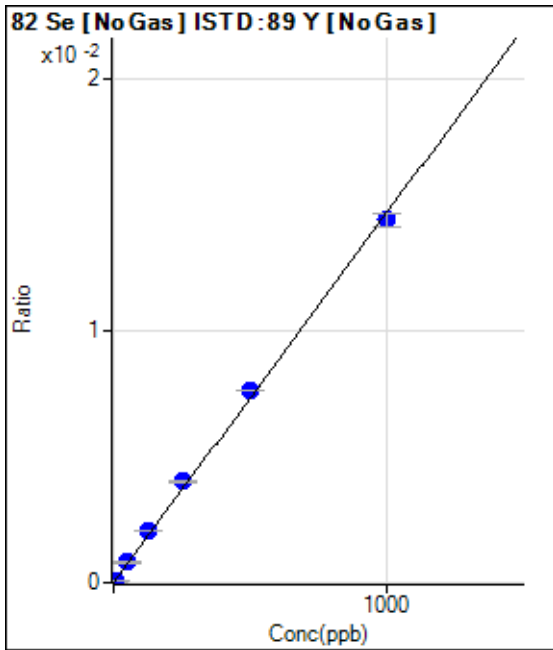
Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	32.10	0.0000	P	21.4
2	<input type="checkbox"/>	0.500					
3	<input type="checkbox"/>	5.000	4.764	108.03	0.0001	P	0.3
4	<input type="checkbox"/>	50.000	53.230	864.23	0.0009	P	2.5
5	<input type="checkbox"/>	125.000	137.570	2055.10	0.0021	P	7.3
6	<input type="checkbox"/>	250.000	265.077	3602.33	0.0041	P	4.1
7	<input type="checkbox"/>	500.000	536.368	6875.75	0.0083	P	5.3
8	<input type="checkbox"/>	1000.000	976.315	12920.01	0.0150	P	1.4
9	<input type="checkbox"/>			19.75	0.0000	P	38.7

$y = 1.5371E-005 * x + 3.2148E-005$
 $R = 0.9988$
 $DL = 1.345$
 $BEC = 2.091$

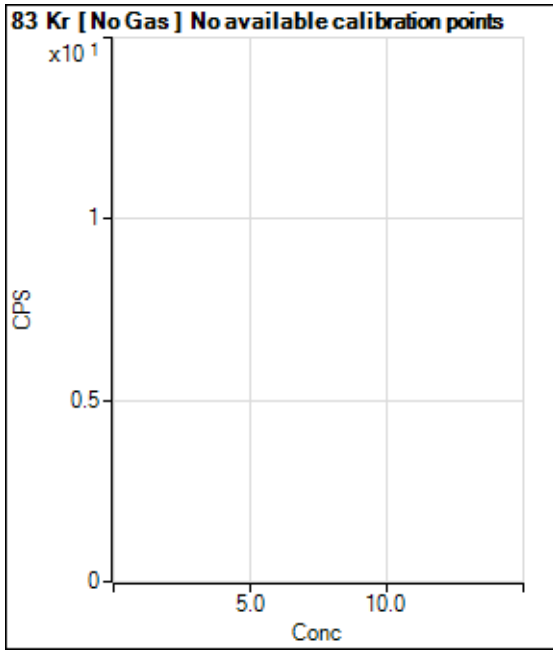
Weight: <None>
 Min Conc: 0



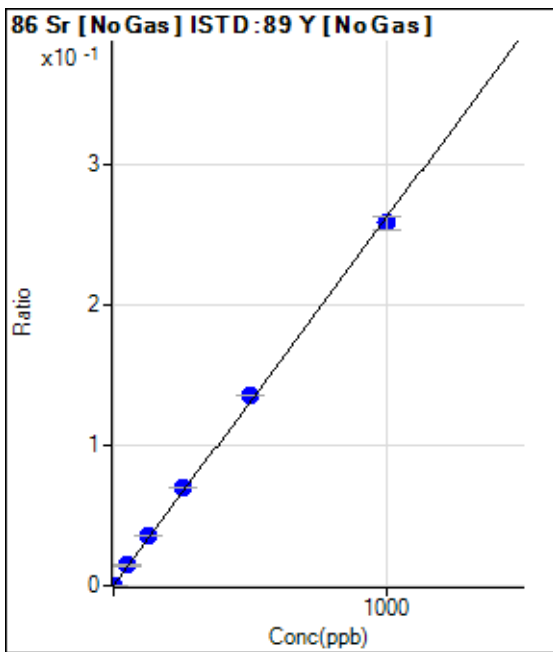
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	-7.41	0.0000	P	-274.
2	<input type="checkbox"/>	0.500					
3	<input type="checkbox"/>	5.000	5.871	536.73	0.0001	P	6.6
4	<input type="checkbox"/>	50.000	56.430	5086.81	0.0008	P	7.5
5	<input type="checkbox"/>	125.000	138.531	12733.11	0.0020	P	0.7
6	<input type="checkbox"/>	250.000	273.579	22938.34	0.0040	P	1.7
7	<input type="checkbox"/>	500.000	520.412	43545.58	0.0076	P	0.5
8	<input type="checkbox"/>	1000.000	981.882	82378.02	0.0144	P	3.9
9	<input type="checkbox"/>			88.97	0.0000	P	17.5

$y = 1.4664E-005 * x - 1.1510E-006$
 $R = 0.9993$
 $DL = 0.6451$
 $BEC = -0.07849$

Weight: <None>
 Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			177.78		P	6.6
2	<input type="checkbox"/>						
3	<input type="checkbox"/>			148.89		P	22.6
4	<input type="checkbox"/>			146.67		P	34.3
5	<input type="checkbox"/>			164.45		P	21.3
6	<input type="checkbox"/>			138.89		P	18.2
7	<input type="checkbox"/>			167.78		P	25.3
8	<input type="checkbox"/>			166.67		P	7.2
9	<input type="checkbox"/>			126.67		P	9.5



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	244.46	0.0000	P	26.3
2	<input type="checkbox"/>	0.100					
3	<input type="checkbox"/>	1.000	1.004	1902.99	0.0003	P	9.0
4	<input type="checkbox"/>	50.000	55.082	88994.62	0.0145	P	10.4
5	<input type="checkbox"/>	125.000	134.591	221554.90	0.0353	P	0.8
6	<input type="checkbox"/>	250.000	265.810	398793.10	0.0697	P	0.5
7	<input type="checkbox"/>	500.000	517.813	775027.74	0.1358	P	0.7
8	<input type="checkbox"/>	1000.000	985.688	1478929.22	0.2585	P	3.9
9	<input type="checkbox"/>			6632.35	0.0012	P	1.8

$y = 2.6219E-004 * x + 3.8291E-005$

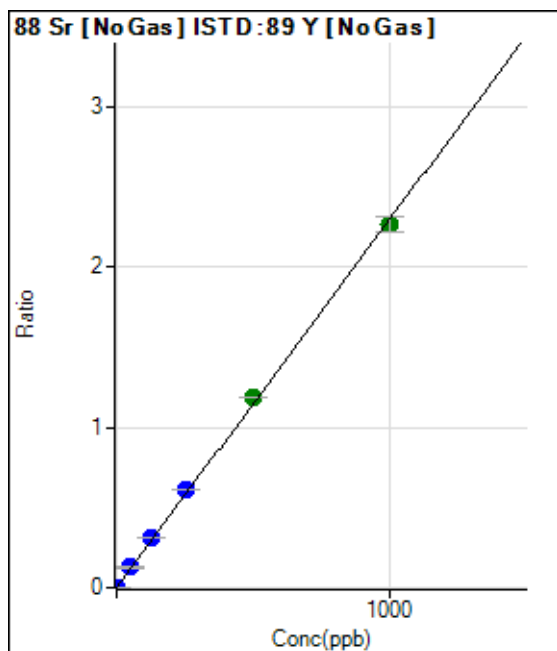
R = 0.9996

DL = 0.1153

BEC = 0.146

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	130.56	0.0000	P	41.0
2	<input type="checkbox"/>	0.100					
3	<input type="checkbox"/>	1.000	0.960	14032.37	0.0022	P	5.1
4	<input type="checkbox"/>	50.000	55.053	777540.78	0.1264	P	8.7
5	<input type="checkbox"/>	125.000	133.504	1922191.23	0.3065	P	0.4
6	<input type="checkbox"/>	250.000	266.426	3497800.82	0.6116	P	0.5
7	<input type="checkbox"/>	500.000	517.490	6779434.79	1.1879	A	0.5
8	<input type="checkbox"/>	1000.000	985.833	12947086.66	2.2630	A	4.4
9	<input type="checkbox"/>			56238.83	0.0102	P	1.0

$y = 0.0023 * x + 2.0435E-005$

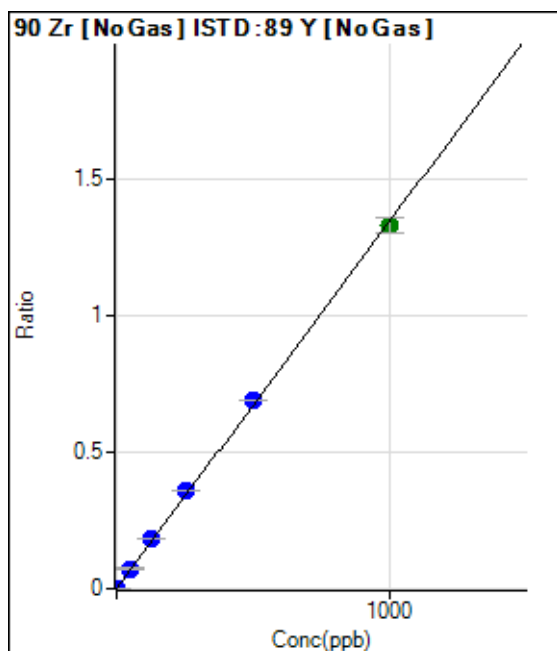
R = 0.9996

DL = 0.01095

BEC = 0.008902

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	397.24	0.0001	P	11.0
2	<input type="checkbox"/>	0.100					
3	<input type="checkbox"/>	1.000	0.962	8572.32	0.0014	P	3.6
4	<input type="checkbox"/>	50.000	54.617	452554.74	0.0736	P	8.8
5	<input type="checkbox"/>	125.000	135.447	1143749.66	0.1824	P	0.6
6	<input type="checkbox"/>	250.000	267.972	2063003.76	0.3607	P	0.3
7	<input type="checkbox"/>	500.000	511.518	3929347.09	0.6885	P	0.2
8	<input type="checkbox"/>	1000.000	988.212	7610073.61	1.3301	A	4.1
9	<input type="checkbox"/>			3075.47	0.0006	P	12.2

$y = 0.0013 * x + 6.2195E-005$

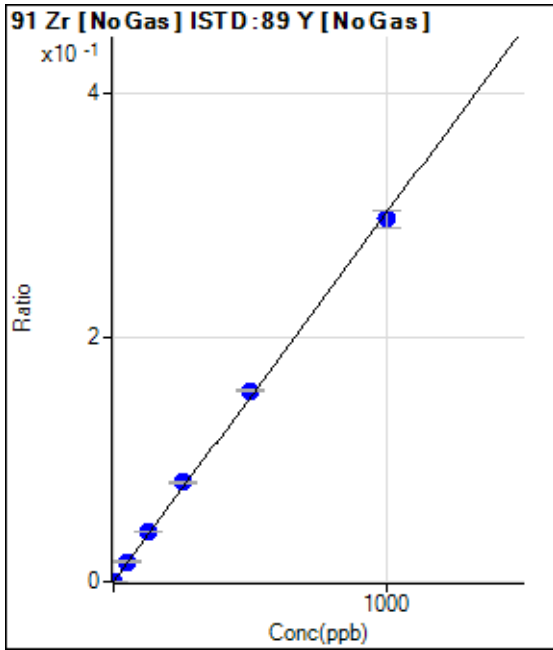
R = 0.9997

DL = 0.01531

BEC = 0.04621

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	88.89	0.0000	P	19.1
2	<input type="checkbox"/>	0.100					
3	<input type="checkbox"/>	1.000	0.912	1825.19	0.0003	P	3.4
4	<input type="checkbox"/>	50.000	54.304	100879.08	0.0164	P	8.4
5	<input type="checkbox"/>	125.000	136.256	257894.50	0.0411	P	0.5
6	<input type="checkbox"/>	250.000	269.539	465135.33	0.0813	P	1.3
7	<input type="checkbox"/>	500.000	518.845	893365.83	0.1565	P	0.1
8	<input type="checkbox"/>	1000.000	984.071	1698459.87	0.2969	P	4.6
9	<input type="checkbox"/>			641.71	0.0001	P	7.4

$y = 3.0168E-004 * x + 1.3905E-005$

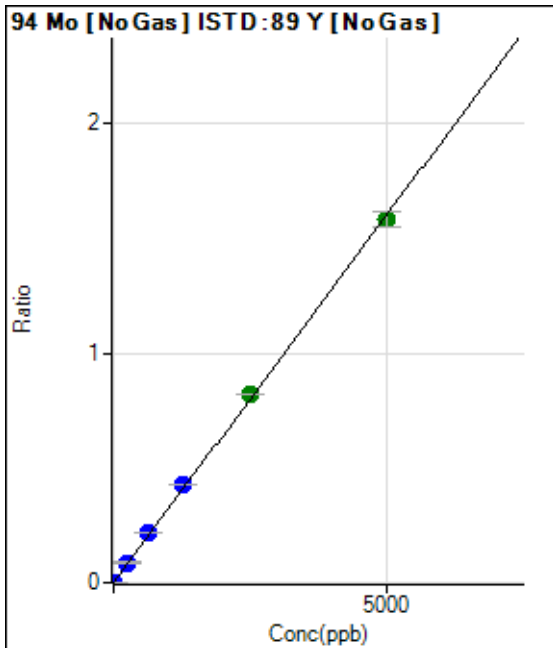
R = 0.9995

DL = 0.02636

BEC = 0.04609

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	144.45	0.0000	P	17.8
2	<input type="checkbox"/>	0.500					
3	<input type="checkbox"/>	5.000	5.080	10404.17	0.0016	P	2.9
4	<input type="checkbox"/>	250.000	272.060	535296.16	0.0870	P	8.8
5	<input type="checkbox"/>	625.000	672.835	1349571.62	0.2152	P	0.9
6	<input type="checkbox"/>	1250.000	1333.953	2439700.21	0.4266	P	0.5
7	<input type="checkbox"/>	2500.000	2566.098	4683213.56	0.8206	A	0.5
8	<input type="checkbox"/>	5000.000	4938.880	9036313.74	1.5794	A	4.1
9	<input type="checkbox"/>			6009.83	0.0011	P	7.3

$y = 3.1978E-004 * x + 2.2616E-005$

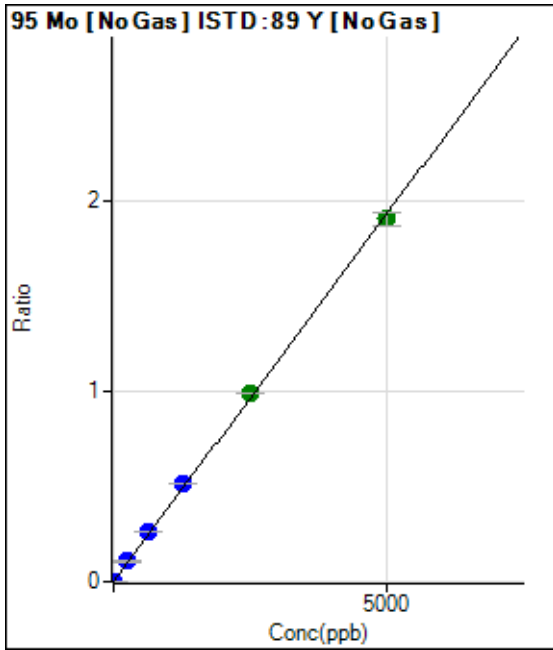
R = 0.9997

DL = 0.03786

BEC = 0.07072

Weight: <None>

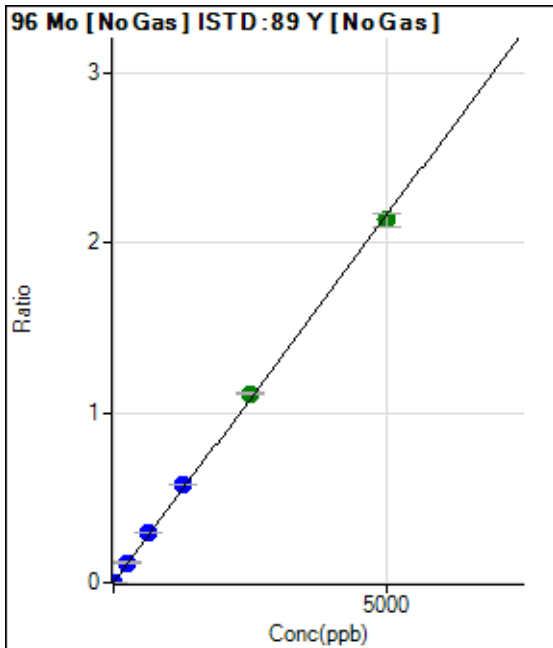
Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	44.45	0.0000	P	47.2
2	<input type="checkbox"/>	0.500					
3	<input type="checkbox"/>	5.000	5.076	12417.01	0.0020	P	5.5
4	<input type="checkbox"/>	250.000	275.055	653502.52	0.1062	P	8.9
5	<input type="checkbox"/>	625.000	677.570	1641422.74	0.2617	P	0.4
6	<input type="checkbox"/>	1250.000	1334.921	2948815.82	0.5156	P	0.6
7	<input type="checkbox"/>	2500.000	2563.678	5651194.13	0.9902	A	0.7
8	<input type="checkbox"/>	5000.000	4939.107	10915218.99	1.9078	A	4.0
9	<input type="checkbox"/>			8950.40	0.0016	P	6.2

$y = 3.8625E-004 * x + 6.9594E-006$
 $R = 0.9997$
 $DL = 0.02551$
 $BEC = 0.01802$

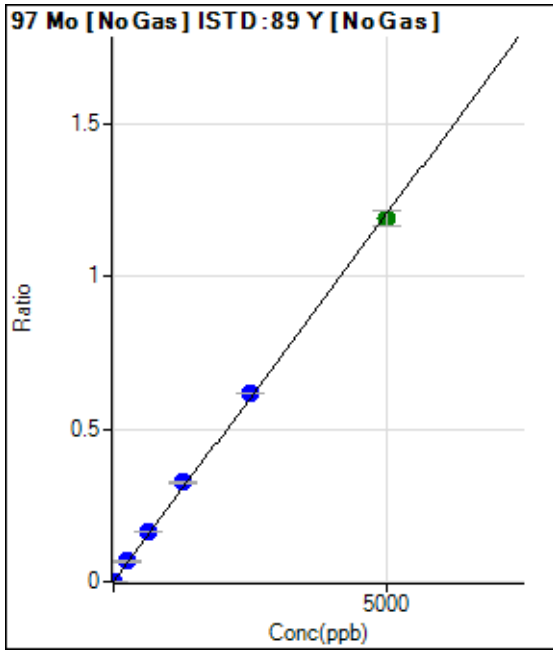
Weight: <None>
 Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	86.11	0.0000	P	15.3
2	<input type="checkbox"/>	0.500					
3	<input type="checkbox"/>	5.000	5.085	13951.78	0.0022	P	5.7
4	<input type="checkbox"/>	250.000	273.093	725762.85	0.1180	P	9.4
5	<input type="checkbox"/>	625.000	672.920	1823841.79	0.2908	P	0.5
6	<input type="checkbox"/>	1250.000	1325.939	3276834.56	0.5730	P	0.4
7	<input type="checkbox"/>	2500.000	2571.884	6342669.89	1.1114	A	0.7
8	<input type="checkbox"/>	5000.000	4937.929	12208997.67	2.1338	A	3.9
9	<input type="checkbox"/>			11104.76	0.0020	P	3.1

$y = 4.3213E-004 * x + 1.3484E-005$
 $R = 0.9997$
 $DL = 0.0143$
 $BEC = 0.0312$

Weight: <None>
 Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	33.34	0.0000	P	43.0
2	<input type="checkbox"/>	0.500					
3	<input type="checkbox"/>	5.000	5.008	7655.16	0.0012	P	2.9
4	<input type="checkbox"/>	250.000	275.945	408892.77	0.0665	P	9.2
5	<input type="checkbox"/>	625.000	677.546	1023849.10	0.1632	P	0.2
6	<input type="checkbox"/>	1250.000	1348.314	1857827.97	0.3249	P	0.4
7	<input type="checkbox"/>	2500.000	2561.206	3521636.62	0.6171	P	0.5
8	<input type="checkbox"/>	5000.000	4936.953	6805179.49	1.1895	A	4.3
9	<input type="checkbox"/>			5326.22	0.0010	P	3.0

$y = 2.4093E-004 * x + 5.2110E-006$

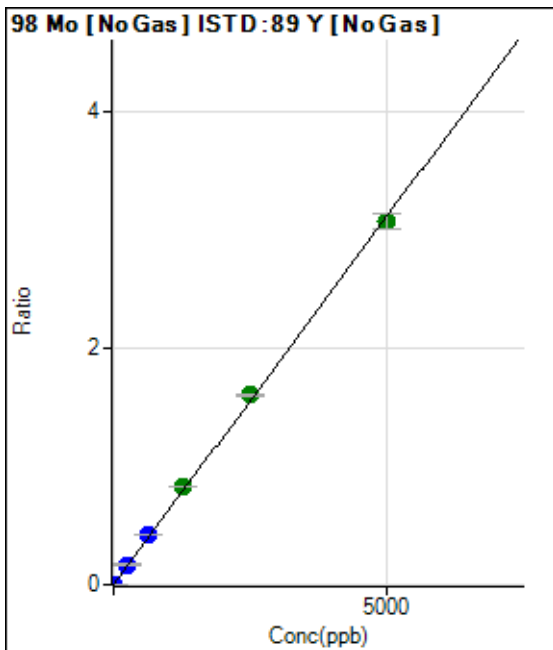
R = 0.9997

DL = 0.02791

BEC = 0.02163

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	77.78	0.0000	P	16.9
2	<input type="checkbox"/>	0.500					
3	<input type="checkbox"/>	5.000	5.170	20404.16	0.0032	P	5.1
4	<input type="checkbox"/>	250.000	274.053	1050279.78	0.1707	P	8.7
5	<input type="checkbox"/>	625.000	676.474	2643064.90	0.4214	P	0.3
6	<input type="checkbox"/>	1250.000	1333.678	4751530.45	0.8308	A	0.1
7	<input type="checkbox"/>	2500.000	2579.067	9169224.86	1.6067	A	0.6
8	<input type="checkbox"/>	5000.000	4931.910	17578103.52	3.0724	A	4.3
9	<input type="checkbox"/>			13751.66	0.0025	P	6.1

$y = 6.2297E-004 * x + 1.2180E-005$

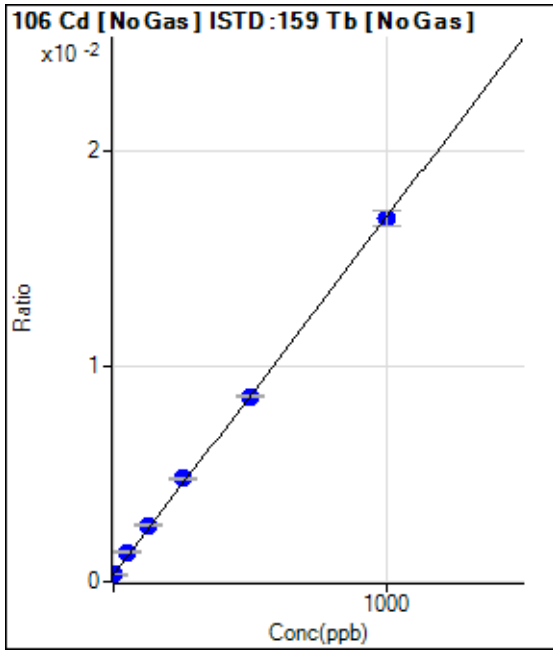
R = 0.9996

DL = 0.009888

BEC = 0.01955

Weight: <None>

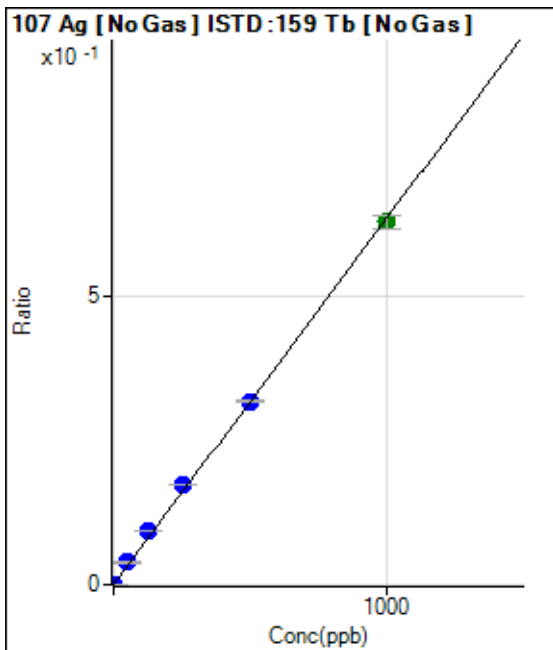
Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	2728.16	0.0003	P	10.9
2	<input type="checkbox"/>	0.100					
3	<input type="checkbox"/>	1.000	1.425	2905.97	0.0003	P	2.3
4	<input type="checkbox"/>	50.000	62.011	11246.58	0.0013	P	7.8
5	<input type="checkbox"/>	125.000	138.710	22866.49	0.0026	P	1.5
6	<input type="checkbox"/>	250.000	268.337	39714.85	0.0048	P	0.9
7	<input type="checkbox"/>	500.000	496.909	73837.08	0.0086	P	1.0
8	<input type="checkbox"/>	1000.000	994.647	146343.07	0.0168	P	4.4
9	<input type="checkbox"/>			2686.48	0.0003	P	2.2

$y = 1.6601E-005 * x + 3.2020E-004$
 $R = 0.9997$
 $DL = 6.288$
 $BEC = 19.29$

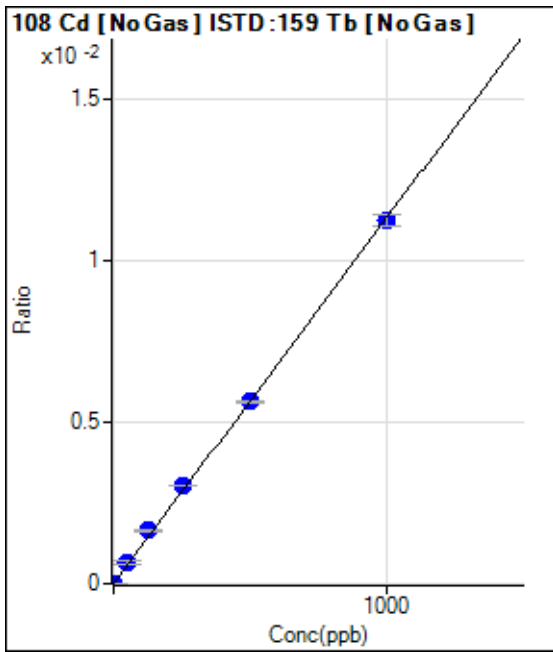
Weight: <None>
 Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	66.67	0.0000	P	22.1
2	<input type="checkbox"/>	0.100					
3	<input type="checkbox"/>	1.000	1.094	5901.48	0.0007	P	7.1
4	<input type="checkbox"/>	50.000	61.007	321697.21	0.0386	P	8.2
5	<input type="checkbox"/>	125.000	145.750	804130.87	0.0922	P	0.9
6	<input type="checkbox"/>	250.000	274.557	1445153.57	0.1738	P	0.7
7	<input type="checkbox"/>	500.000	499.530	2723768.36	0.3161	P	0.9
8	<input type="checkbox"/>	1000.000	990.952	5452171.95	0.6271	A	4.0
9	<input type="checkbox"/>			725.05	0.0001	P	17.2

$y = 6.3282E-004 * x + 7.8357E-006$
 $R = 0.9995$
 $DL = 0.008223$
 $BEC = 0.01238$

Weight: <None>
 Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	4.17	0.0000	P	100.5
2	<input type="checkbox"/>	0.100					
3	<input type="checkbox"/>	1.000	1.073	105.56	0.0000	P	40.5
4	<input type="checkbox"/>	50.000	58.686	5523.41	0.0007	P	14.5
5	<input type="checkbox"/>	125.000	145.125	14336.65	0.0016	P	2.5
6	<input type="checkbox"/>	250.000	270.141	25457.87	0.0031	P	0.1
7	<input type="checkbox"/>	500.000	499.150	48726.80	0.0057	P	1.1
8	<input type="checkbox"/>	1000.000	992.440	97768.76	0.0112	P	3.3
9	<input type="checkbox"/>			29.17	0.0000	P	29.1

$y = 1.1329E-005 * x + 4.9192E-007$

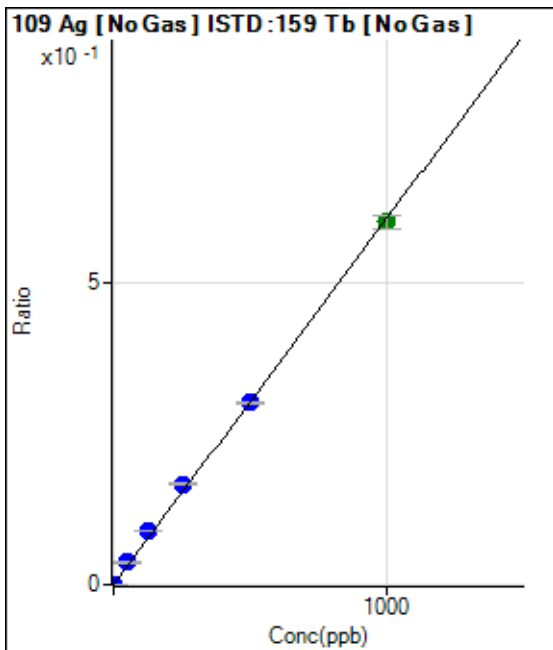
R = 0.9996

DL = 0.131

BEC = 0.04342

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	27.78	0.0000	P	45.4
2	<input type="checkbox"/>	0.100					
3	<input type="checkbox"/>	1.000	1.133	5820.90	0.0007	P	3.2
4	<input type="checkbox"/>	50.000	61.576	310767.29	0.0373	P	8.4
5	<input type="checkbox"/>	125.000	145.941	770789.77	0.0884	P	0.3
6	<input type="checkbox"/>	250.000	274.578	1383558.64	0.1664	P	1.4
7	<input type="checkbox"/>	500.000	498.283	2601050.66	0.3019	P	0.8
8	<input type="checkbox"/>	1000.000	991.518	5223163.09	0.6007	A	3.5
9	<input type="checkbox"/>			625.04	0.0001	P	8.0

$y = 6.0583E-004 * x + 3.2599E-006$

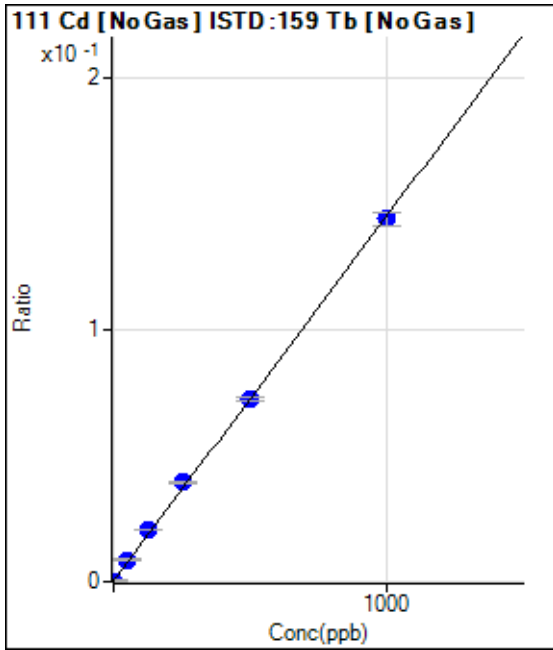
R = 0.9995

DL = 0.007322

BEC = 0.005381

Weight: <None>

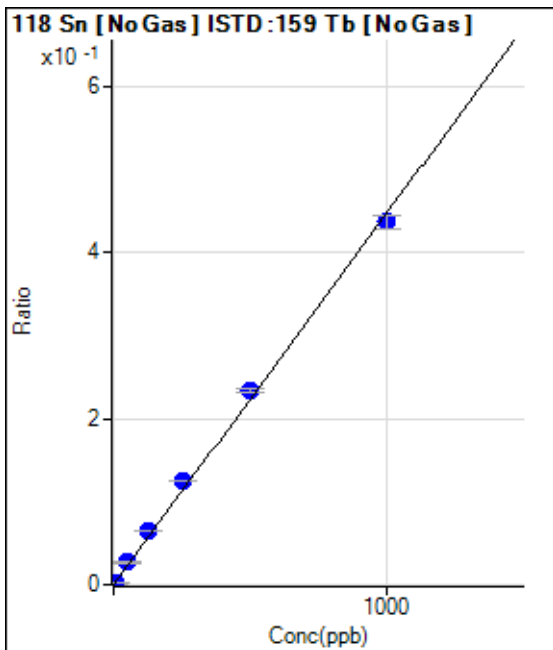
Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	1910.96	0.0002	P	10.9
2	<input type="checkbox"/>	0.100					
3	<input type="checkbox"/>	1.000	1.070	3202.03	0.0004	P	2.5
4	<input type="checkbox"/>	50.000	59.004	73093.57	0.0088	P	8.7
5	<input type="checkbox"/>	125.000	140.737	179768.86	0.0206	P	0.7
6	<input type="checkbox"/>	250.000	270.226	327594.59	0.0394	P	1.1
7	<input type="checkbox"/>	500.000	498.972	625018.02	0.0725	P	1.2
8	<input type="checkbox"/>	1000.000	993.040	1253351.91	0.1441	P	3.6
9	<input type="checkbox"/>			2129.57	0.0003	P	1.3

$y = 1.4493E-004 * x + 2.2429E-004$
 $R = 0.9997$
 $DL = 0.5065$
 $BEC = 1.548$

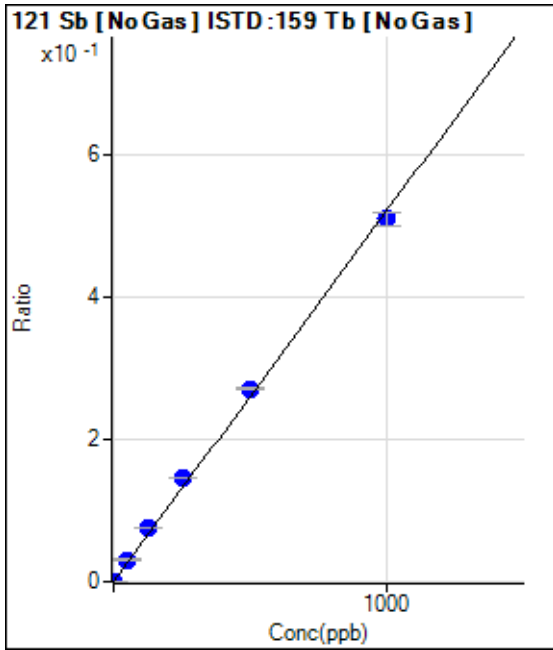
Weight: <None>
 Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	225.01	0.0000	P	3.9
2	<input type="checkbox"/>	0.500					
3	<input type="checkbox"/>	5.000	5.549	21149.91	0.0025	P	3.3
4	<input type="checkbox"/>	50.000	60.178	224172.52	0.0269	P	8.6
5	<input type="checkbox"/>	125.000	144.015	561169.73	0.0644	P	0.6
6	<input type="checkbox"/>	250.000	280.499	1042588.84	0.1254	P	0.6
7	<input type="checkbox"/>	500.000	523.405	2015211.46	0.2339	P	1.1
8	<input type="checkbox"/>	1000.000	977.784	3798534.07	0.4369	P	4.0
9	<input type="checkbox"/>			3231.07	0.0004	P	3.7

$y = 4.4680E-004 * x + 2.6426E-005$
 $R = 0.9990$
 $DL = 0.006901$
 $BEC = 0.05915$

Weight: <None>
 Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	5.55	0.0000	P	86.6
2	<input type="checkbox"/>	0.200					
3	<input type="checkbox"/>	2.000	2.035	8922.59	0.0011	P	5.6
4	<input type="checkbox"/>	50.000	58.657	253901.45	0.0305	P	8.6
5	<input type="checkbox"/>	125.000	143.783	651392.46	0.0747	P	0.7
6	<input type="checkbox"/>	250.000	279.786	1209336.89	0.1454	P	0.7
7	<input type="checkbox"/>	500.000	521.166	2333654.22	0.2708	P	0.5
8	<input type="checkbox"/>	1000.000	979.190	4424174.88	0.5089	P	4.0
9	<input type="checkbox"/>			6829.69	0.0008	P	2.1

$y = 5.1968E-004 * x + 6.5428E-007$

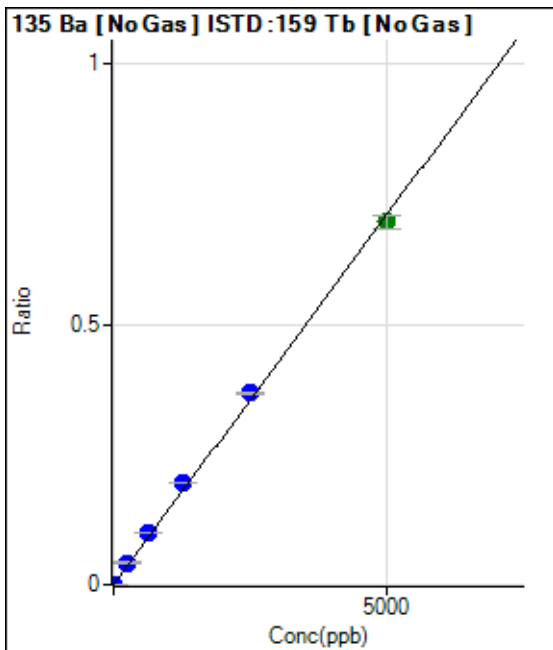
R = 0.9991

DL = 0.003271

BEC = 0.001259

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	41.67	0.0000	P	20.9
2	<input type="checkbox"/>	1.000					
3	<input type="checkbox"/>	10.000	10.731	12881.40	0.0015	P	6.8
4	<input type="checkbox"/>	250.000	293.689	347231.73	0.0417	P	9.0
5	<input type="checkbox"/>	625.000	714.125	883856.24	0.1014	P	0.4
6	<input type="checkbox"/>	1250.000	1375.597	1624313.48	0.1953	P	0.2
7	<input type="checkbox"/>	2500.000	2590.811	3169226.11	0.3678	P	0.5
8	<input type="checkbox"/>	5000.000	4909.868	6060469.41	0.6970	A	3.9
9	<input type="checkbox"/>			1264.01	0.0002	P	10.0

$y = 1.4197E-004 * x + 4.8991E-006$

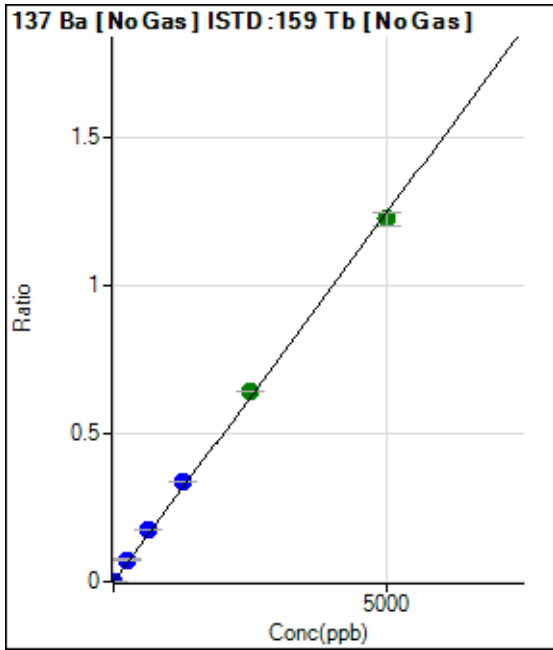
R = 0.9993

DL = 0.02165

BEC = 0.03451

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	25.00	0.0000	P	33.1
2	<input type="checkbox"/>	1.000					
3	<input type="checkbox"/>	10.000	10.695	22502.42	0.0027	P	2.8
4	<input type="checkbox"/>	250.000	289.816	601253.67	0.0722	P	8.4
5	<input type="checkbox"/>	625.000	702.589	1525373.76	0.1750	P	0.3
6	<input type="checkbox"/>	1250.000	1356.540	2809894.01	0.3378	P	0.1
7	<input type="checkbox"/>	2500.000	2580.918	5538279.03	0.6428	A	0.6
8	<input type="checkbox"/>	5000.000	4921.215	10655597.55	1.2256	A	4.0
9	<input type="checkbox"/>			2205.84	0.0003	P	14.1

$y = 2.4904E-004 * x + 2.9355E-006$

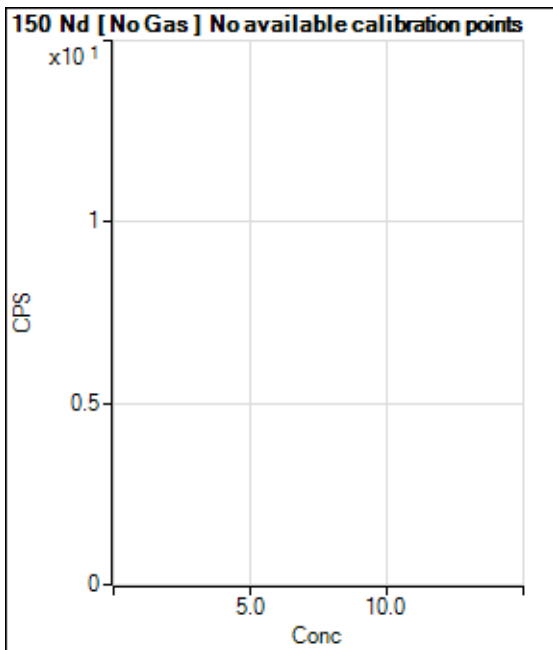
R = 0.9995

DL = 0.01169

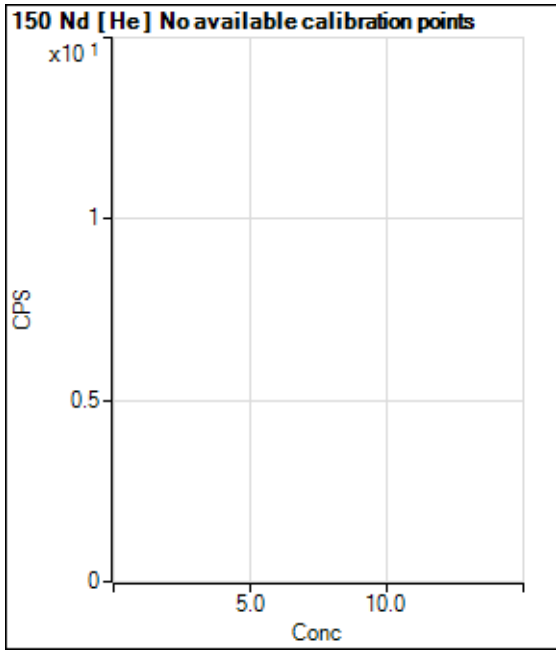
BEC = 0.01179

Weight: <None>

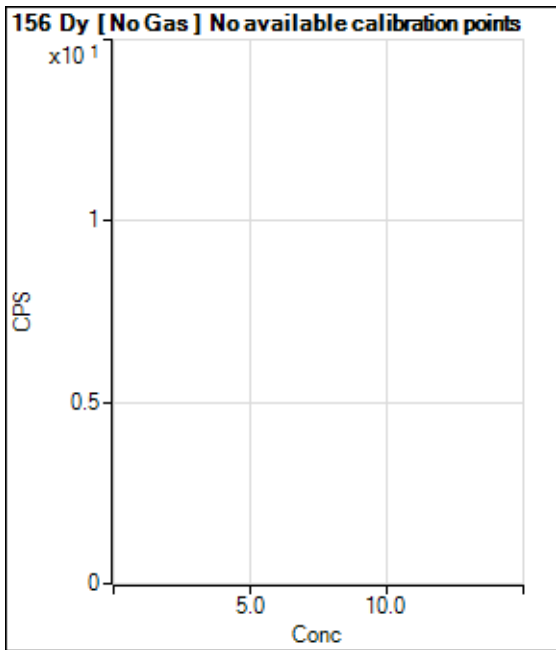
Min Conc: 0



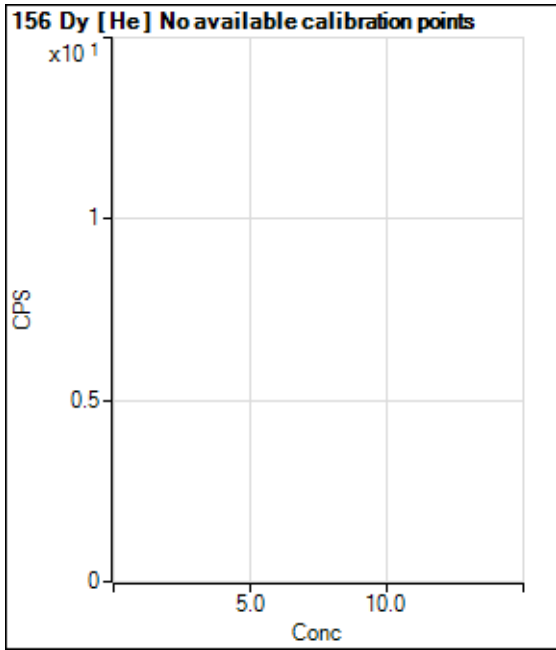
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			0.00		P	
2	<input type="checkbox"/>						
3	<input type="checkbox"/>			4.45		P	86.6
4	<input type="checkbox"/>			48.89		P	20.8
5	<input type="checkbox"/>			71.11		P	27.1
6	<input type="checkbox"/>			166.67		P	8.0
7	<input type="checkbox"/>			280.01		P	8.6
8	<input type="checkbox"/>			580.03		P	20.1
9	<input type="checkbox"/>			82.23		P	16.9



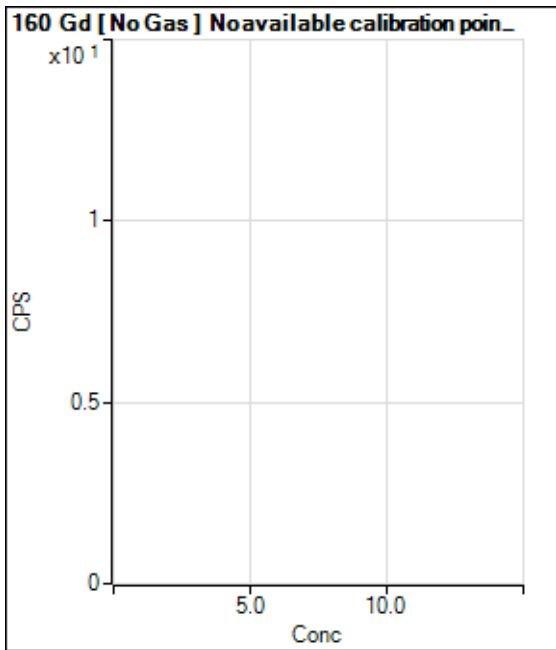
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			0.00		P	
2	<input type="checkbox"/>						
3	<input type="checkbox"/>			1.11		P	173.2
4	<input type="checkbox"/>			2.22		P	173.2
5	<input type="checkbox"/>			6.67		P	100.0
6	<input type="checkbox"/>			23.33		P	51.5
7	<input type="checkbox"/>			36.67		P	9.1
8	<input type="checkbox"/>			60.00		P	5.5
9	<input type="checkbox"/>			46.67		P	43.5



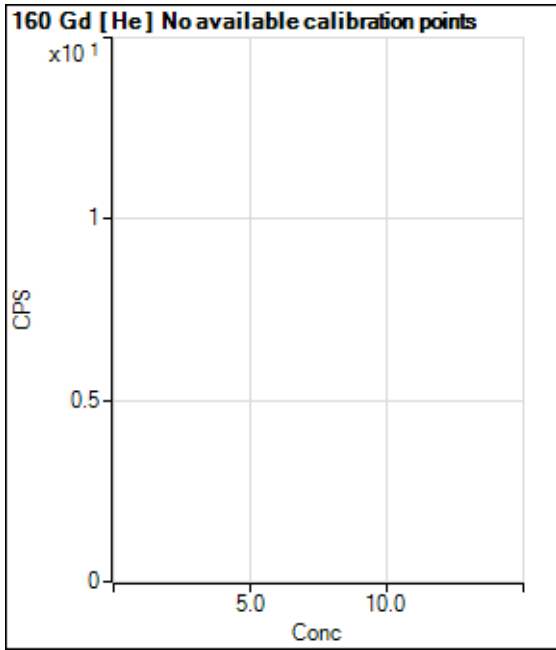
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			2.78		P	173.2
2	<input type="checkbox"/>						
3	<input type="checkbox"/>			5.55		P	86.6
4	<input type="checkbox"/>			16.67		P	100.0
5	<input type="checkbox"/>			33.33		P	25.0
6	<input type="checkbox"/>			38.89		P	75.3
7	<input type="checkbox"/>			55.56		P	22.9
8	<input type="checkbox"/>			105.56		P	4.6
9	<input type="checkbox"/>			63.89		P	37.7



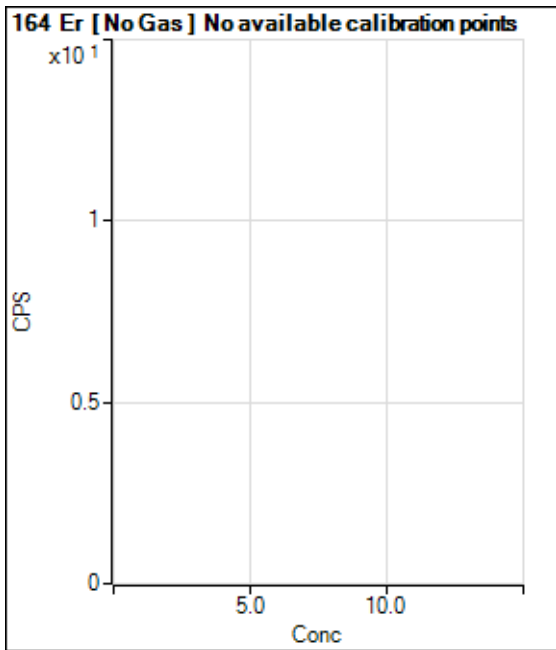
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			0.00		P	
2	<input type="checkbox"/>						
3	<input type="checkbox"/>			2.22		P	86.6
4	<input type="checkbox"/>			6.66		P	86.6
5	<input type="checkbox"/>			25.56		P	7.5
6	<input type="checkbox"/>			54.45		P	19.7
7	<input type="checkbox"/>			76.67		P	11.5
8	<input type="checkbox"/>			161.12		P	15.0
9	<input type="checkbox"/>			40.00		P	36.3



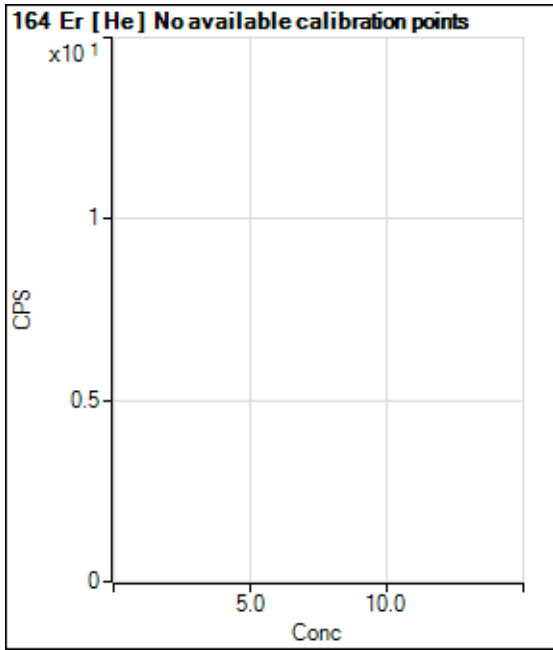
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			33.33		P	43.3
2	<input type="checkbox"/>						
3	<input type="checkbox"/>			22.22		P	21.6
4	<input type="checkbox"/>			30.55		P	15.7
5	<input type="checkbox"/>			33.33		P	50.0
6	<input type="checkbox"/>			22.22		P	43.3
7	<input type="checkbox"/>			27.78		P	34.6
8	<input type="checkbox"/>			38.89		P	53.9
9	<input type="checkbox"/>			55.56		P	31.2



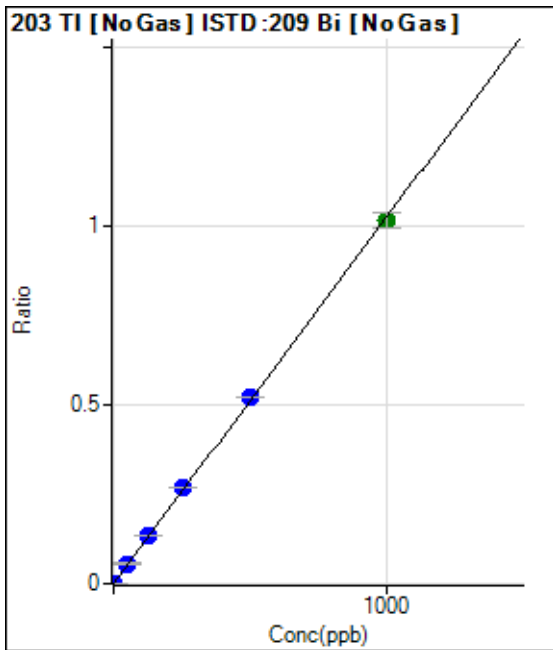
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			170.00		P	3.9
2	<input type="checkbox"/>						
3	<input type="checkbox"/>			170.00		P	5.9
4	<input type="checkbox"/>			166.67		P	11.1
5	<input type="checkbox"/>			186.67		P	29.8
6	<input type="checkbox"/>			147.78		P	18.1
7	<input type="checkbox"/>			145.56		P	18.5
8	<input type="checkbox"/>			145.56		P	14.0
9	<input type="checkbox"/>			190.00		P	20.7



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			30.55		P	15.7
2	<input type="checkbox"/>						
3	<input type="checkbox"/>			8.33		P	100.0
4	<input type="checkbox"/>			16.67		P	NaN
5	<input type="checkbox"/>			44.44		P	60.3
6	<input type="checkbox"/>			36.11		P	26.7
7	<input type="checkbox"/>			19.45		P	24.7
8	<input type="checkbox"/>			33.33		P	25.0
9	<input type="checkbox"/>			16.67		P	100.0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			13.33		P	50.0
2	<input type="checkbox"/>						
3	<input type="checkbox"/>			14.45		P	48.0
4	<input type="checkbox"/>			10.00		P	0.0
5	<input type="checkbox"/>			10.00		P	33.3
6	<input type="checkbox"/>			13.33		P	50.0
7	<input type="checkbox"/>			13.33		P	25.0
8	<input type="checkbox"/>			21.11		P	18.2
9	<input type="checkbox"/>			28.89		P	24.0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	77.78	0.0000	P	49.4
2	<input type="checkbox"/>	0.100					
3	<input type="checkbox"/>	1.000	0.942	5431.92	0.0010	P	6.7
4	<input type="checkbox"/>	50.000	53.822	299840.31	0.0551	P	9.4
5	<input type="checkbox"/>	125.000	132.599	772436.96	0.1356	P	0.6
6	<input type="checkbox"/>	250.000	263.992	1486458.66	0.2700	P	0.4
7	<input type="checkbox"/>	500.000	510.098	2942948.03	0.5218	P	0.4
8	<input type="checkbox"/>	1000.000	990.312	5686837.02	1.0130	A	4.1
9	<input type="checkbox"/>			2147.49	0.0004	P	11.0

$y = 0.0010 * x + 1.3760E-005$

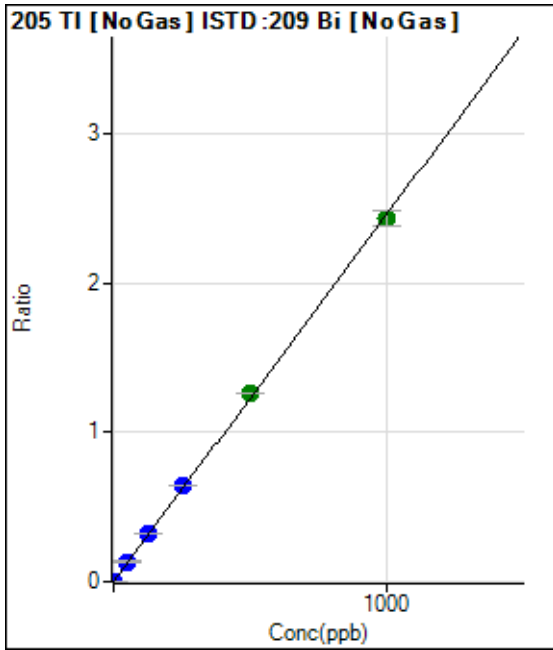
R = 0.9998

DL = 0.01995

BEC = 0.01345

Weight: <None>

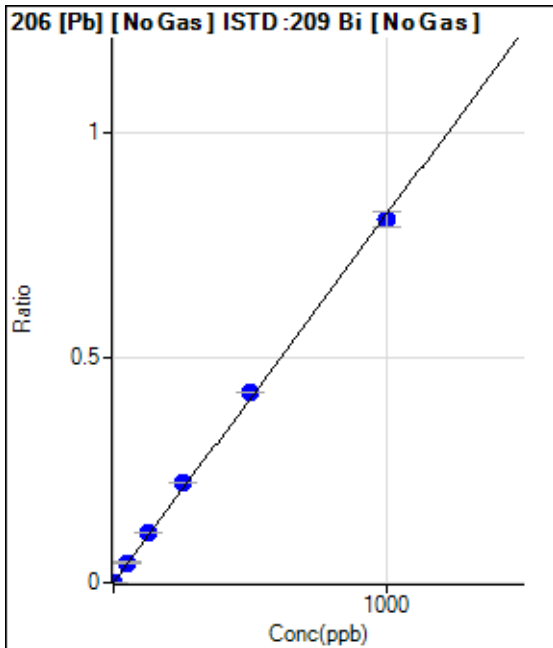
Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	197.23	0.0000	P	10.7
2	<input type="checkbox"/>	0.100					
3	<input type="checkbox"/>	1.000	0.961	13298.85	0.0024	P	5.0
4	<input type="checkbox"/>	50.000	53.495	715326.10	0.1313	P	9.1
5	<input type="checkbox"/>	125.000	132.151	1847475.76	0.3244	P	0.3
6	<input type="checkbox"/>	250.000	263.211	3556651.47	0.6461	P	0.5
7	<input type="checkbox"/>	500.000	513.936	7115636.36	1.2616	A	0.5
8	<input type="checkbox"/>	1000.000	988.660	13623472.27	2.4269	A	4.4
9	<input type="checkbox"/>			5390.26	0.0011	P	8.2

$y = 0.0025 * x + 3.4908E-005$
 $R = 0.9997$
 $DL = 0.004583$
 $BEC = 0.01422$

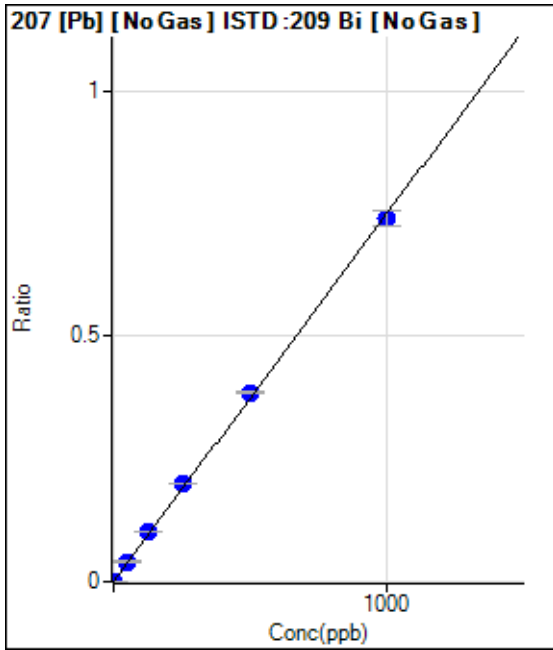
Weight: <None>
 Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	377.80	0.0001	P	21.2
2	<input type="checkbox"/>	0.100					
3	<input type="checkbox"/>	1.000	0.993	4889.95	0.0009	P	4.4
4	<input type="checkbox"/>	50.000	54.576	243694.13	0.0447	P	9.1
5	<input type="checkbox"/>	125.000	135.580	632463.39	0.1111	P	0.3
6	<input type="checkbox"/>	250.000	269.744	1215974.36	0.2209	P	0.4
7	<input type="checkbox"/>	500.000	515.684	2381603.61	0.4222	P	0.4
8	<input type="checkbox"/>	1000.000	985.671	4530317.72	0.8070	P	4.4
9	<input type="checkbox"/>			7224.39	0.0015	P	3.1

$y = 8.1868E-004 * x + 6.6903E-005$
 $R = 0.9996$
 $DL = 0.05201$
 $BEC = 0.08172$

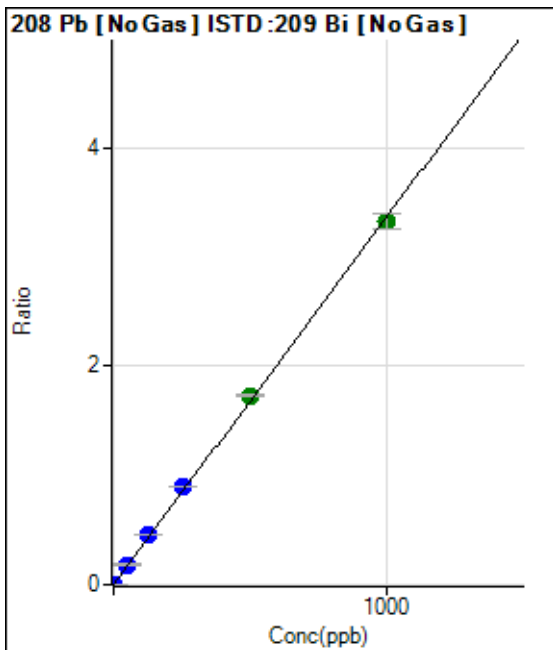
Weight: <None>
 Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	400.02	0.0001	P	8.9
2	<input type="checkbox"/>	0.100					
3	<input type="checkbox"/>	1.000	0.947	4332.32	0.0008	P	5.5
4	<input type="checkbox"/>	50.000	54.214	221242.97	0.0406	P	9.5
5	<input type="checkbox"/>	125.000	133.992	571292.58	0.1003	P	0.5
6	<input type="checkbox"/>	250.000	266.071	1096183.11	0.1991	P	0.4
7	<input type="checkbox"/>	500.000	514.651	2172195.65	0.3851	P	0.4
8	<input type="checkbox"/>	1000.000	987.322	4147200.09	0.7388	P	4.3
9	<input type="checkbox"/>			6231.26	0.0013	P	2.2

$y = 7.4818E-004 * x + 7.0806E-005$
 $R = 0.9997$
 $DL = 0.0253$
 $BEC = 0.09464$

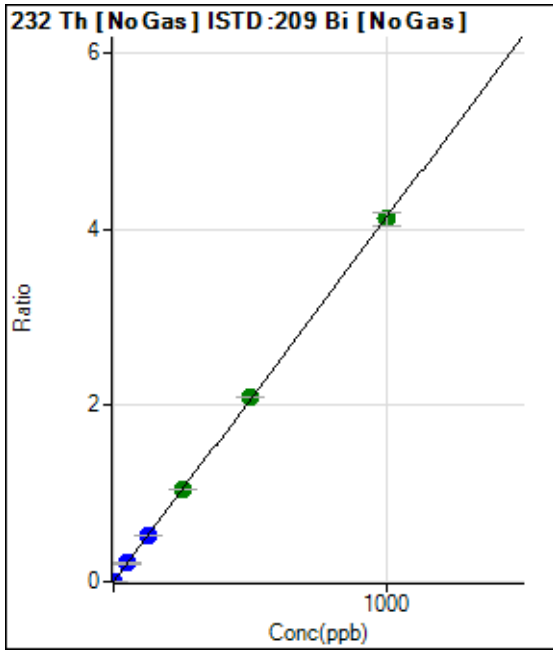
Weight: <None>
 Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	1724.17	0.0003	P	9.9
2	<input type="checkbox"/>	0.100					
3	<input type="checkbox"/>	1.000	0.961	19648.84	0.0035	P	3.7
4	<input type="checkbox"/>	50.000	54.214	993830.73	0.1825	P	9.1
5	<input type="checkbox"/>	125.000	133.837	2562903.89	0.4501	P	0.3
6	<input type="checkbox"/>	250.000	265.992	4921887.39	0.8942	P	0.1
7	<input type="checkbox"/>	500.000	514.265	9748993.13	1.7285	A	0.6
8	<input type="checkbox"/>	1000.000	987.554	18632315.26	3.3189	A	4.1
9	<input type="checkbox"/>			28455.20	0.0059	P	2.9

$y = 0.0034 * x + 3.0519E-004$
 $R = 0.9997$
 $DL = 0.02709$
 $BEC = 0.09082$

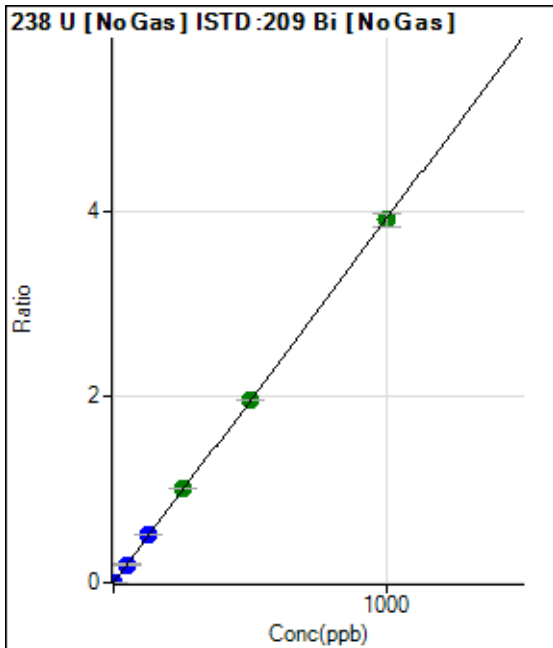
Weight: <None>
 Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	87.04	0.0000	P	23.7
2	<input type="checkbox"/>	0.100					
3	<input type="checkbox"/>	1.000	0.852	19637.38	0.0035	P	5.9
4	<input type="checkbox"/>	50.000	50.233	1130892.71	0.2076	P	8.4
5	<input type="checkbox"/>	125.000	125.332	2949032.33	0.5179	P	0.3
6	<input type="checkbox"/>	250.000	254.719	5793297.76	1.0525	A	0.3
7	<input type="checkbox"/>	500.000	505.082	11770884.06	2.0869	A	0.3
8	<input type="checkbox"/>	1000.000	996.226	23110862.55	4.1162	A	3.7
9	<input type="checkbox"/>			5342.04	0.0011	P	19.6

$y = 0.0041 * x + 1.5393E-005$
 $R = 1.0000$
 $DL = 0.002645$
 $BEC = 0.003726$

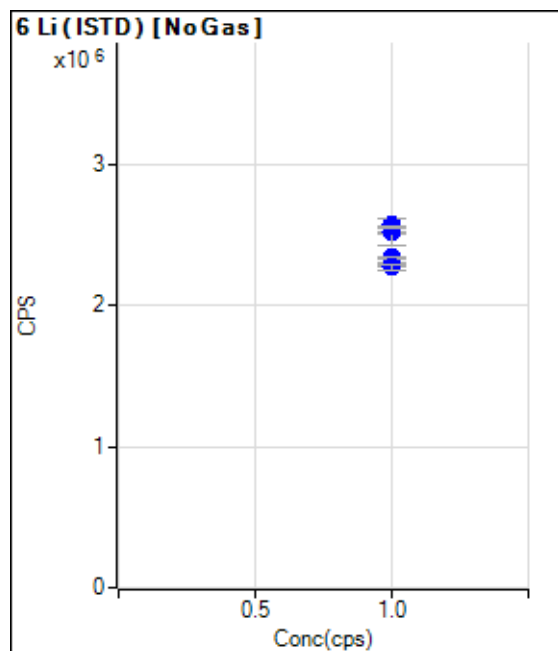
Weight: <None>
 Min Conc: 0



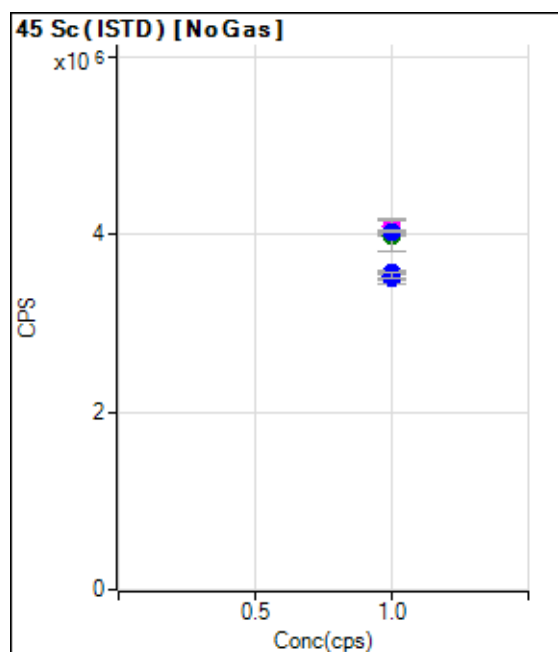
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	86.12	0.0000	P	20.0
2	<input type="checkbox"/>	0.100					
3	<input type="checkbox"/>	1.000	0.897	19607.25	0.0035	P	4.8
4	<input type="checkbox"/>	50.000	49.620	1058401.47	0.1943	P	8.6
5	<input type="checkbox"/>	125.000	130.003	2898448.89	0.5090	P	0.1
6	<input type="checkbox"/>	250.000	257.456	5548343.70	1.0080	A	0.4
7	<input type="checkbox"/>	500.000	501.132	11065963.27	1.9620	A	0.6
8	<input type="checkbox"/>	1000.000	996.963	21912638.34	3.9032	A	4.1
9	<input type="checkbox"/>			3117.19	0.0007	P	19.6

$y = 0.0039 * x + 1.5236E-005$
 $R = 1.0000$
 $DL = 0.00233$
 $BEC = 0.003892$

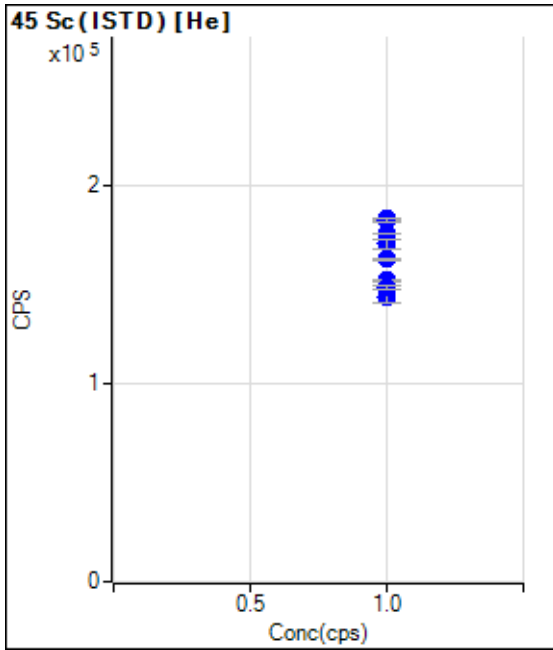
Weight: <None>
 Min Conc: 0



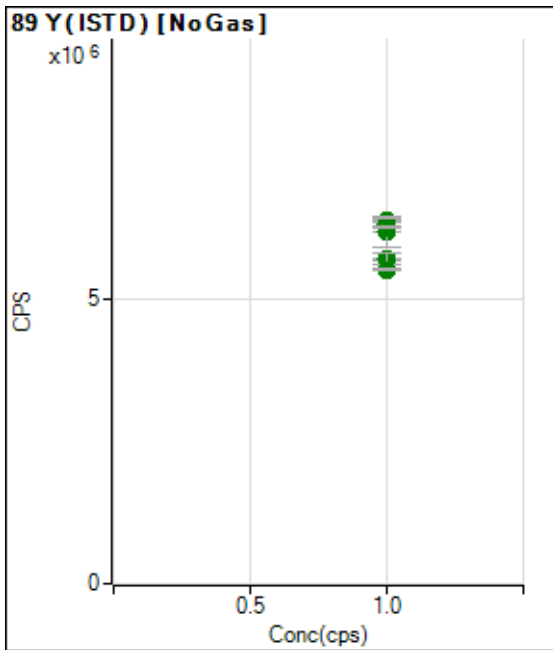
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2516035.24		P	0.4
2	<input type="checkbox"/>	1.000					
3	<input type="checkbox"/>	1.000		2571166.43		P	3.9
4	<input type="checkbox"/>	1.000		2526747.69		P	7.5
5	<input type="checkbox"/>	1.000		2557901.55		P	0.5
6	<input type="checkbox"/>	1.000		2338352.58		P	0.8
7	<input type="checkbox"/>	1.000		2277401.76		P	0.5
8	<input type="checkbox"/>	1.000		2275294.51		P	2.5
9	<input type="checkbox"/>	1.000		2271497.59		P	1.6



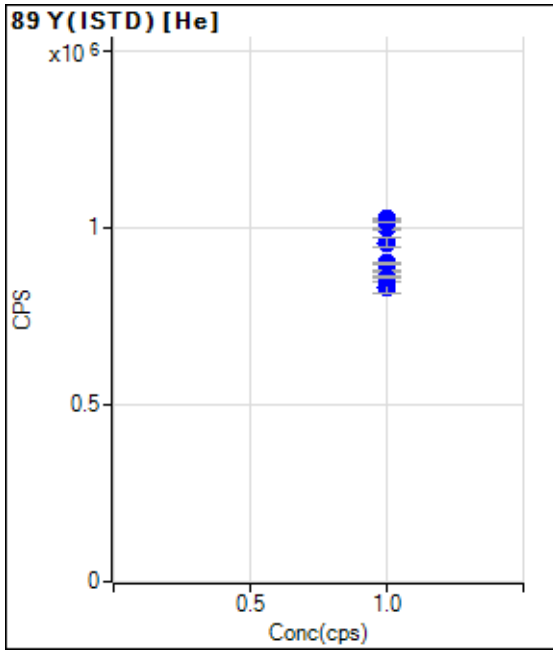
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4022430.30		P	0.6
2	<input type="checkbox"/>	1.000					
3	<input type="checkbox"/>	1.000		4087276.04		M	4.8
4	<input type="checkbox"/>	1.000		3986636.72		A	8.2
5	<input type="checkbox"/>	1.000		4032844.45		P	0.4
6	<input type="checkbox"/>	1.000		3567652.64		P	1.2
7	<input type="checkbox"/>	1.000		3502005.85		P	0.6
8	<input type="checkbox"/>	1.000		3502556.42		P	3.7
9	<input type="checkbox"/>	1.000		3536285.28		P	1.8



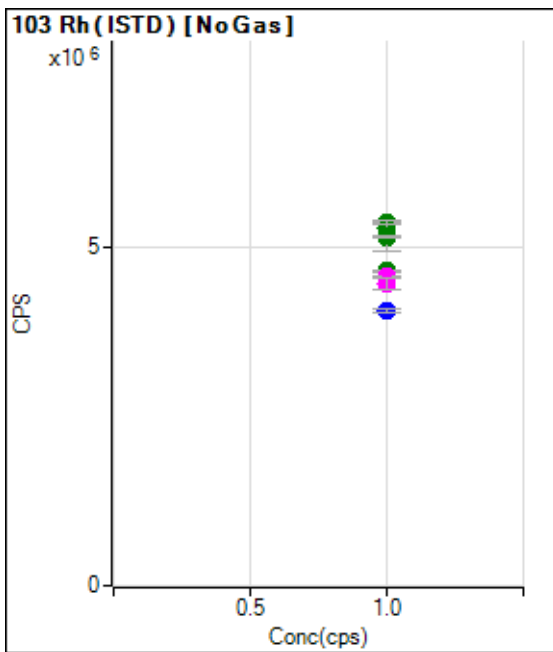
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		175589.79		P	0.3
2	<input type="checkbox"/>	1.000					
3	<input type="checkbox"/>	1.000		182838.02		P	0.7
4	<input type="checkbox"/>	1.000		181864.93		P	1.0
5	<input type="checkbox"/>	1.000		170237.10		P	3.2
6	<input type="checkbox"/>	1.000		152049.27		P	0.6
7	<input type="checkbox"/>	1.000		143503.45		P	4.6
8	<input type="checkbox"/>	1.000		148493.01		P	1.0
9	<input type="checkbox"/>	1.000		162677.90		P	0.7



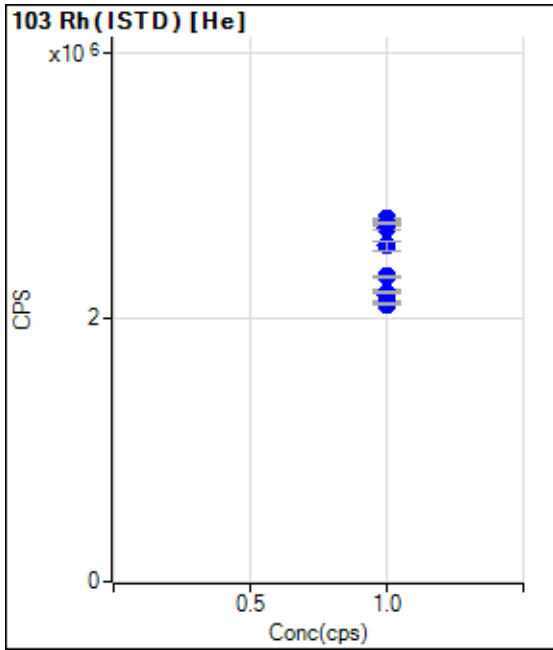
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		6389341.08		A	0.5
2	<input type="checkbox"/>	1.000					
3	<input type="checkbox"/>	1.000		6320786.43		A	4.2
4	<input type="checkbox"/>	1.000		6182018.31		A	8.5
5	<input type="checkbox"/>	1.000		6271697.96		A	0.6
6	<input type="checkbox"/>	1.000		5718875.33		A	0.7
7	<input type="checkbox"/>	1.000		5706911.03		A	0.2
8	<input type="checkbox"/>	1.000		5726912.48		A	3.5
9	<input type="checkbox"/>	1.000		5533672.77		A	0.7



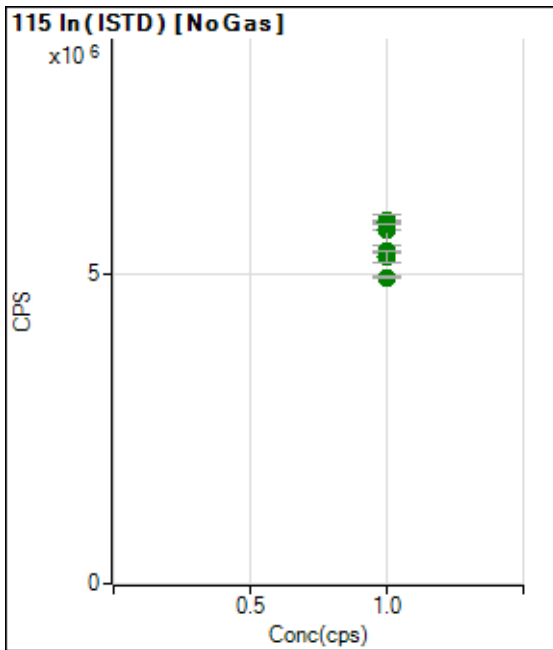
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		997807.38		P	0.6
2	<input type="checkbox"/>	1.000					
3	<input type="checkbox"/>	1.000		1025195.89		P	0.7
4	<input type="checkbox"/>	1.000		1016365.32		P	0.1
5	<input type="checkbox"/>	1.000		958789.64		P	3.1
6	<input type="checkbox"/>	1.000		877174.06		P	0.8
7	<input type="checkbox"/>	1.000		831847.74		P	4.4
8	<input type="checkbox"/>	1.000		859107.78		P	0.6
9	<input type="checkbox"/>	1.000		899555.37		P	0.7



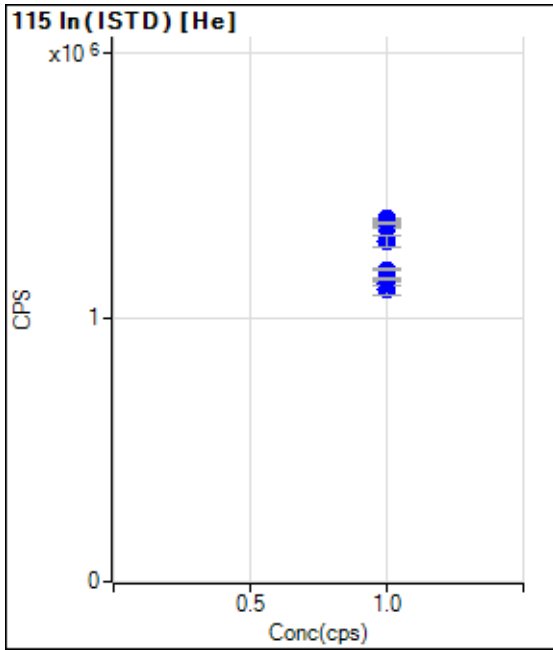
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		5361161.58		A	0.7
2	<input type="checkbox"/>	1.000					
3	<input type="checkbox"/>	1.000		5282299.86		A	4.4
4	<input type="checkbox"/>	1.000		5140294.17		A	8.2
5	<input type="checkbox"/>	1.000		5158325.59		A	0.4
6	<input type="checkbox"/>	1.000		4649378.79		A	1.0
7	<input type="checkbox"/>	1.000		4568194.51		M	0.9
8	<input type="checkbox"/>	1.000		4459850.97		M	3.9
9	<input type="checkbox"/>	1.000		4060738.89		P	0.8



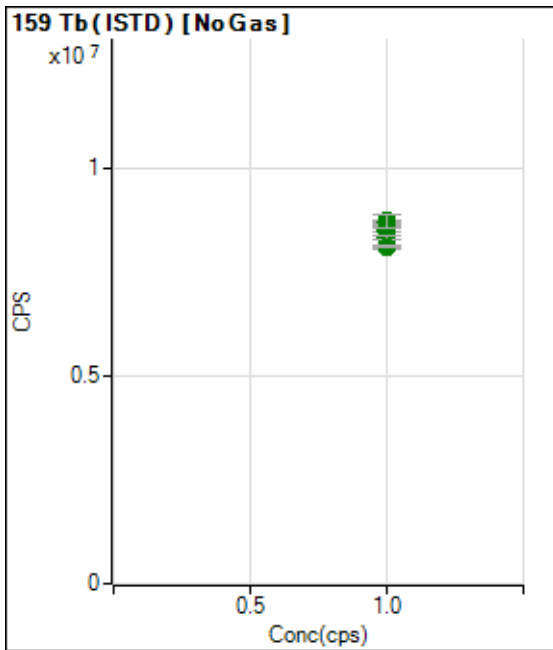
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2676512.91		P	0.7
2	<input type="checkbox"/>	1.000					
3	<input type="checkbox"/>	1.000		2746520.03		P	0.5
4	<input type="checkbox"/>	1.000		2711301.00		P	0.3
5	<input type="checkbox"/>	1.000		2540845.17		P	3.1
6	<input type="checkbox"/>	1.000		2312465.40		P	0.7
7	<input type="checkbox"/>	1.000		2165285.44		P	4.3
8	<input type="checkbox"/>	1.000		2187557.69		P	0.9
9	<input type="checkbox"/>	1.000		2101580.39		P	0.5



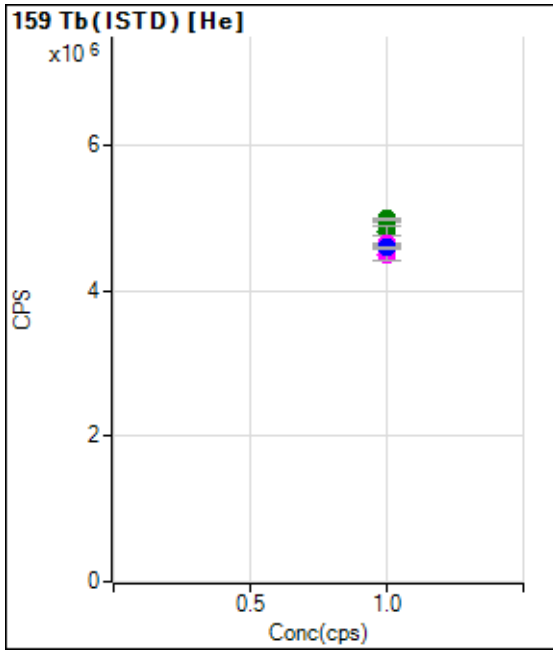
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		5860568.93		A	0.7
2	<input type="checkbox"/>	1.000					
3	<input type="checkbox"/>	1.000		5844975.88		A	4.4
4	<input type="checkbox"/>	1.000		5722094.05		A	8.9
5	<input type="checkbox"/>	1.000		5814717.30		A	0.2
6	<input type="checkbox"/>	1.000		5359635.85		A	0.8
7	<input type="checkbox"/>	1.000		5348065.50		A	0.2
8	<input type="checkbox"/>	1.000		5292461.85		A	3.5
9	<input type="checkbox"/>	1.000		4948309.76		A	0.7



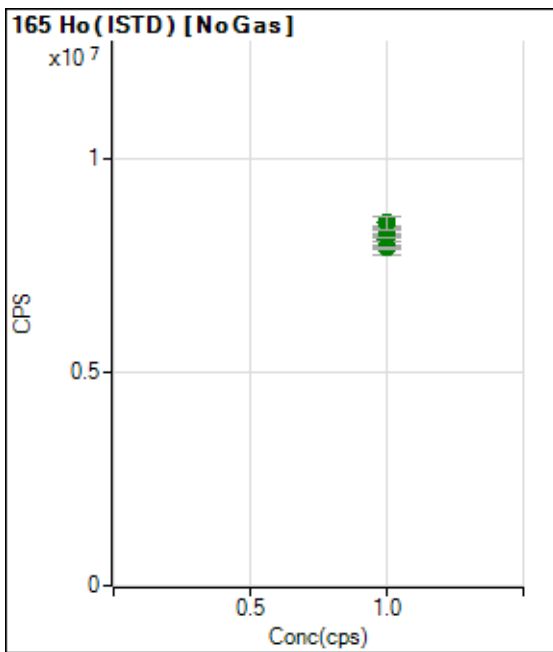
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		1341685.14		P	0.7
2	<input type="checkbox"/>	1.000					
3	<input type="checkbox"/>	1.000		1372535.29		P	0.5
4	<input type="checkbox"/>	1.000		1357248.08		P	0.2
5	<input type="checkbox"/>	1.000		1288072.95		P	3.2
6	<input type="checkbox"/>	1.000		1181487.91		P	0.6
7	<input type="checkbox"/>	1.000		1108521.95		P	4.5
8	<input type="checkbox"/>	1.000		1127713.32		P	0.8
9	<input type="checkbox"/>	1.000		1142659.80		P	0.6



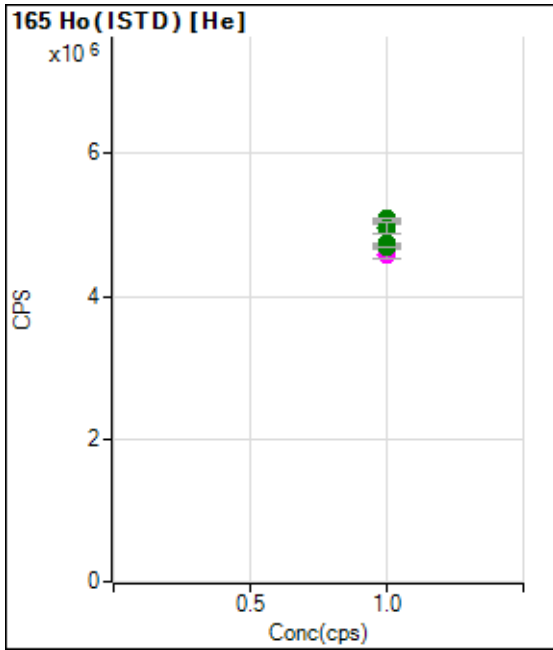
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		8515434.04		A	1.0
2	<input type="checkbox"/>	1.000					
3	<input type="checkbox"/>	1.000		8446072.37		A	4.6
4	<input type="checkbox"/>	1.000		8369432.72		A	8.4
5	<input type="checkbox"/>	1.000		8717592.02		A	0.3
6	<input type="checkbox"/>	1.000		8317336.19		A	0.7
7	<input type="checkbox"/>	1.000		8616460.57		A	0.4
8	<input type="checkbox"/>	1.000		8702363.69		A	3.5
9	<input type="checkbox"/>	1.000		8101286.48		A	0.7



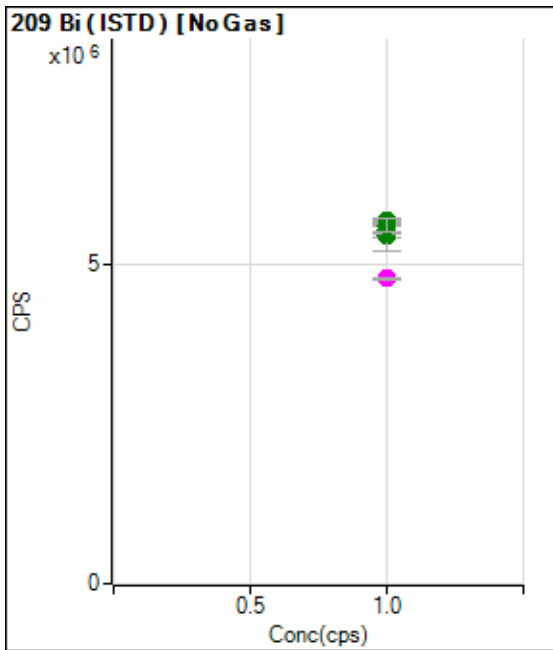
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4956558.99		A	0.5
2	<input type="checkbox"/>	1.000					
3	<input type="checkbox"/>	1.000		4988288.29		A	0.8
4	<input type="checkbox"/>	1.000		4997167.46		A	0.2
5	<input type="checkbox"/>	1.000		4831489.65		A	3.1
6	<input type="checkbox"/>	1.000		4618089.38		M	0.3
7	<input type="checkbox"/>	1.000		4506974.38		M	4.0
8	<input type="checkbox"/>	1.000		4653463.75		M	0.8
9	<input type="checkbox"/>	1.000		4599779.51		P	0.5



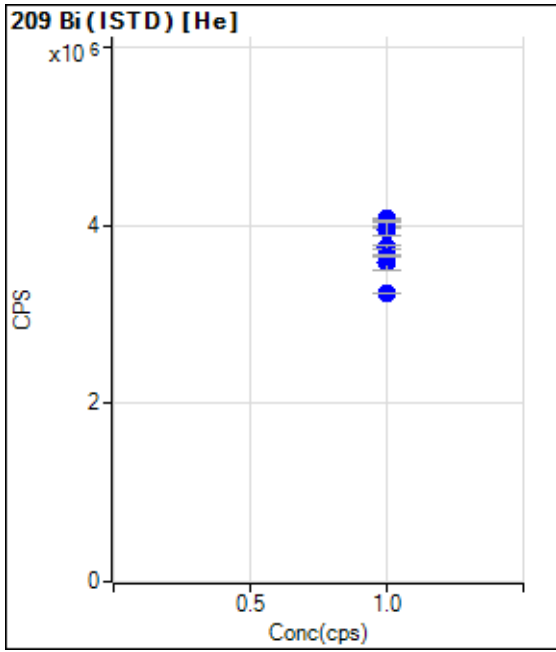
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		8239849.31		A	0.7
2	<input type="checkbox"/>	1.000					
3	<input type="checkbox"/>	1.000		8158087.77		A	4.5
4	<input type="checkbox"/>	1.000		8090947.92		A	8.3
5	<input type="checkbox"/>	1.000		8431271.46		A	0.1
6	<input type="checkbox"/>	1.000		8128204.17		A	0.8
7	<input type="checkbox"/>	1.000		8404522.15		A	0.5
8	<input type="checkbox"/>	1.000		8515929.62		A	3.5
9	<input type="checkbox"/>	1.000		7934917.62		A	0.8



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		5039320.55		A	0.8
2	<input type="checkbox"/>	1.000					
3	<input type="checkbox"/>	1.000		5084871.21		A	0.4
4	<input type="checkbox"/>	1.000		5080411.45		A	0.2
5	<input type="checkbox"/>	1.000		4962058.47		A	3.0
6	<input type="checkbox"/>	1.000		4715921.95		A	0.5
7	<input type="checkbox"/>	1.000		4594624.83		M	3.3
8	<input type="checkbox"/>	1.000		4739777.29		A	0.4
9	<input type="checkbox"/>	1.000		4693926.22		A	0.3



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		5650409.50		A	0.5
2	<input type="checkbox"/>	1.000					
3	<input type="checkbox"/>	1.000		5564762.38		A	4.4
4	<input type="checkbox"/>	1.000		5475158.25		A	8.7
5	<input type="checkbox"/>	1.000		5694624.50		A	0.4
6	<input type="checkbox"/>	1.000		5504540.96		A	0.5
7	<input type="checkbox"/>	1.000		5640349.01		A	0.5
8	<input type="checkbox"/>	1.000		5619710.34		A	3.7
9	<input type="checkbox"/>	1.000		4792484.27		M	0.4



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	1.000		3985353.79		P	0.5
2	<input type="checkbox"/>	1.000					
3	<input type="checkbox"/>	1.000		4068460.88		P	0.5
4	<input type="checkbox"/>	1.000		4055110.32		P	0.2
5	<input type="checkbox"/>	1.000		3950495.92		P	3.7
6	<input type="checkbox"/>	1.000		3754414.53		P	0.8
7	<input type="checkbox"/>	1.000		3573768.35		P	4.3
8	<input type="checkbox"/>	1.000		3649402.86		P	0.5
9	<input type="checkbox"/>	1.000		3234068.63		P	0.3

US EPA Tune Check Sample Report

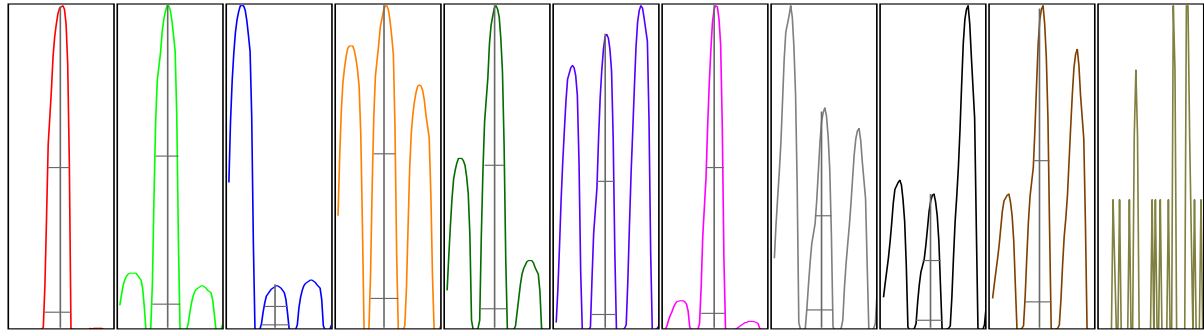
Batch Folder D:\ICP-MS Data\P7061119.b
 Report Comment
 Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6820	2.01	5.00	
24	167275	2.08	5.00	
25	22702	1.55	5.00	
26	25605	2.04	5.00	
59	44110	2.01	5.00	
113	6178	1.88	5.00	
115	74850	1.64	5.00	
206	20191	2.14	5.00	
207	18487	1.82	5.00	
208	43580	2.00	5.00	
220	0	108.65		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6787	6828	6725	6710	7050
24	166422	167136	165061	164548	173206
25	22535	22728	22524	22425	23299
26	25472	25536	25277	25229	26509
59	43887	44080	43579	43381	45623
113	6140	6183	6133	6066	6372
115	75197	74874	74180	73353	76645
206	20067	20200	19941	19826	20922
207	18278	18539	18321	18246	19052
208	43105	43684	43303	42780	45026
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width-X% (Flag)
9	11438	9.00	8.9 - 9.1		0.777	0.900	
24	271421	23.95	23.9 - 24.1		0.809	0.900	
25	36249	24.90	24.9 - 25.1		0.793	0.900	
26	41328	25.90	25.9 - 26.1		0.802	0.900	
59	76571	58.95	58.9 - 59.1		0.779	0.900	
113	12333	113.00	112.9 - 113.1		0.727	0.900	
115	152580	115.00	114.9 - 115.1		0.723	0.900	
206	41135	205.95	205.9 - 206.1		0.745	0.900	
207	37577	206.95	206.9 - 207.1		0.731	0.900	
208	89843	207.95	207.9 - 208.1		0.745	0.900	
220							

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

Tune Parameters

Plasma Parameters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.7	V	Deflect	14.0	V
Extract 2	-85.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-50	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	140	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	10427	4.58	
89	21665	4.40	
205	20284	3.97	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	10693	10743	10733	10339	9626
89	22341	22310	22074	21543	20057
205	20751	20915	20643	20186	18927

Integration Time [sec] = 0.1

Tune Parameters

Plasma Parameters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.1	V	Deflect	1.8	V
Extract 2	-95.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-50	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 14:32:30 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.42	-0.21	-0.21	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.01	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	0.01	-0.11	0.10	0.00	N/A	ppb
Boron	10-1	-0.06	-0.15	0.20	0.00	N/A	ppb
Cadmium	106-1	2.13	-0.07	-2.06	0.00	N/A	ppb
Cadmium	108-1	-0.04	0.00	0.04	0.00	N/A	ppb
Cadmium	111-1	0.17	-0.01	-0.16	0.00	N/A	ppb
Calcium	43-1	-0.53	1.52	-1.00	0.00	N/A	ppb
Calcium	44-1	-0.89	0.66	0.22	0.00	N/A	ppb
Chromium	52-2	-0.01	0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00	N/A	ppb
Copper	63-2	-0.01	0.00	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						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	-0.03	0.07	-0.04	0.00	N/A	ppb
Iron	57-2	-0.07	0.90	-0.83	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	-0.02	0.01	0.00	N/A	ppb
Lead	207-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	208-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.50	-0.21	-0.28	0.00	N/A	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 14:32:30 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.01	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	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	-42.95	-17.81	-27.15	-29.30		ppb
Potassium	39-2	-3.09	1.14	1.94	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	0.19	0.32	-0.51	0.00	N/A	ppb
Selenium	82-1	-0.25	0.12	0.13	0.00	N/A	ppb
Silicon	28-1	-0.25	-0.09	0.35	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.30	0.22	0.08	0.00	N/A	ppb
Strontium	86-1	-0.03	-0.02	0.04	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-224.95	-101.07	-174.59	-166.87		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	-0.01	-0.02	0.04	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		%

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 14:32:30 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.02	0.05	-0.07	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	N/A	ppb
Zirconium	91-1	0.01	0.00	-0.01	0.00	N/A	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 14:40:27 DataFile Name : 005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.07	17.63	17.11	17.60	2.74	ppb
Antimony	121-1	1.99	1.95	2.16	2.03	5.57	ppb
Arsenic	75-2	1.24	1.11	0.89	1.08	16.32	ppb
Barium	135-1	10.12	10.53	11.55	10.73	6.87	ppb
Barium	137-1	10.54	10.51	11.04	10.69	2.77	ppb
Beryllium	9-1	0.92	0.96	1.02	0.97	5.09	ppb
Bismuth	209-1				98		%
Bismuth	209-2				102		%
Boron	11-1	22.33	23.40	25.00	23.58	5.71	ppb
Boron	10-1	23.02	22.52	25.46	23.67	6.65	ppb
Cadmium	106-1	1.95	1.31	1.02	1.42	33.38	ppb
Cadmium	108-1	0.67	0.99	1.56	1.07	42.15	ppb
Cadmium	111-1	1.05	1.02	1.14	1.07	6.21	ppb
Calcium	43-1	476.47	460.21	543.26	493.31	8.92	ppb
Calcium	44-1	470.54	483.25	529.11	494.30	6.23	ppb
Chromium	52-2	1.88	1.99	1.72	1.86	7.11	ppb
Cobalt	59-2	0.94	1.00	0.99	0.97	3.21	ppb
Copper	63-2	1.82	1.85	1.90	1.86	1.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	54.65	54.13	53.56	54.11	1.01	ppb
Iron	57-2	60.66	61.08	56.99	59.58	3.78	ppb
Krypton	83-1						cps
Lead	206-1	0.99	0.95	1.04	0.99	4.72	ppb
Lead	207-1	0.95	0.89	1.00	0.95	6.05	ppb
Lead	208-1	0.96	0.93	1.00	0.96	4.00	ppb
Lithium	6-1				102		%
Magnesium	24-2	504.70	499.84	484.14	496.23	2.17	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 14:40:27 DataFile Name : 005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.97	1.04	0.96	0.99	4.31	ppb
Molybdenum	94-1	5.03	4.96	5.25	5.08	2.96	ppb
Molybdenum	95-1	4.89	4.94	5.40	5.08	5.51	ppb
Molybdenum	96-1	4.85	4.99	5.41	5.08	5.78	ppb
Molybdenum	97-1	4.98	4.88	5.17	5.01	2.94	ppb
Molybdenum	98-1	4.98	5.06	5.47	5.17	5.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	0.92	0.94	0.97	6.99	ppb
Phosphorus	31-2	44.63	38.63	4.65	29.30	73.58	ppb
Potassium	39-2	475.96	485.88	469.53	477.12	1.73	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	77-2	4.94	5.64	8.36	6.31	28.60	ppb
Selenium	78-2	4.76	4.74	4.78	4.76	0.44	ppb
Selenium	82-1	6.11	5.43	6.07	5.87	6.51	ppb
Silicon	28-1	8.44	8.71	11.98	9.71	20.28	ppb
Silver	109-1	1.13	1.10	1.17	1.13	3.26	ppb
Silver	107-1	1.03	1.07	1.18	1.09	7.23	ppb
Sodium	23-2	438.10	433.27	429.18	433.52	1.03	ppb
Strontium	86-1	1.00	0.90	1.11	1.00	10.25	ppb
Strontium	88-1	0.92	0.94	1.02	0.96	5.12	ppb
Sulfur	34-1	-74.11	-75.55	650.27	166.87	250.88	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.87	0.98	0.97	0.94	6.76	ppb
Thallium	205-1	0.91	0.96	1.01	0.96	5.02	ppb
Thorium	232-1	0.80	0.85	0.90	0.85	5.93	ppb
Tin	118-1	5.33	5.64	5.67	5.55	3.36	ppb
Titanium	47-1	4.89	4.91	5.67	5.16	8.58	ppb
Uranium	238-1	0.85	0.90	0.94	0.90	4.79	ppb
Vanadium	51-2	4.94	4.75	4.83	4.84	1.95	ppb
Yttrium	89-1				99		%
Yttrium	89-2				103		%

LB Number :	LB103342	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-11 14:40:27	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.07	1.86	1.99	1.97	5.41	ppb
Zirconium	90-1	0.93	0.96	1.00	0.96	3.81	ppb
Zirconium	91-1	0.87	0.93	0.93	0.91	3.60	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 14:44:23 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1013.23	991.56	981.43	995.41	1.63	ppb
Antimony	121-1	55.59	55.90	64.48	58.66	8.60	ppb
Arsenic	75-2	52.63	53.85	53.39	53.29	1.15	ppb
Barium	135-1	277.51	279.22	324.34	293.69	9.04	ppb
Barium	137-1	275.13	276.34	317.98	289.82	8.42	ppb
Beryllium	9-1	54.65	54.79	61.14	56.86	6.52	ppb
Bismuth	209-1				97		%
Bismuth	209-2				102		%
Boron	11-1	51.46	50.53	57.68	53.22	7.30	ppb
Boron	10-1	49.30	53.21	58.45	53.65	8.56	ppb
Cadmium	106-1	58.69	58.00	69.34	62.01	10.25	ppb
Cadmium	108-1	54.15	53.43	68.48	58.69	14.47	ppb
Cadmium	111-1	56.52	55.45	65.04	59.00	8.91	ppb
Calcium	43-1	5316.66	5140.13	5950.34	5469.04	7.79	ppb
Calcium	44-1	5190.19	5188.13	6003.04	5460.45	8.61	ppb
Chromium	52-2	52.00	51.74	51.47	51.74	0.51	ppb
Cobalt	59-2	53.24	52.32	52.28	52.62	1.03	ppb
Copper	63-2	100.57	99.29	99.32	99.73	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				101		%
Iron	56-2	2790.77	2778.07	2768.50	2779.11	0.40	ppb
Iron	57-2	2778.91	2828.26	2809.32	2805.49	0.89	ppb
Krypton	83-1						cps
Lead	206-1	51.55	51.84	60.34	54.58	9.15	ppb
Lead	207-1	51.09	51.39	60.16	54.21	9.50	ppb
Lead	208-1	51.31	51.38	59.95	54.21	9.16	ppb
Lithium	6-1				100		%
Magnesium	24-2	5226.38	5157.62	5175.43	5186.48	0.69	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 14:44:23 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	102.19	100.55	100.14	100.96	1.08	ppb
Molybdenum	94-1	257.76	258.71	299.71	272.06	8.80	ppb
Molybdenum	95-1	260.71	261.03	303.42	275.06	8.93	ppb
Molybdenum	96-1	258.67	258.02	302.59	273.09	9.36	ppb
Molybdenum	97-1	263.13	259.42	305.28	275.95	9.23	ppb
Molybdenum	98-1	260.35	260.11	301.70	274.05	8.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.29	53.25	54.07	53.87	1.01	ppb
Phosphorus	31-2	971.92	1001.64	983.71	985.76	1.52	ppb
Potassium	39-2	2651.20	2637.89	2638.63	2642.58	0.28	ppb
Rhodium	103-1				96		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				104		%
Selenium	77-2	49.59	48.12	53.21	50.31	5.21	ppb
Selenium	78-2	53.38	51.78	54.53	53.23	2.60	ppb
Selenium	82-1	53.70	54.27	61.32	56.43	7.52	ppb
Silicon	28-1	51.97	52.32	64.94	56.41	13.10	ppb
Silver	109-1	58.46	58.68	67.58	61.58	8.45	ppb
Silver	107-1	57.93	58.31	66.78	61.01	8.20	ppb
Sodium	23-2	4826.12	4753.56	4718.62	4766.10	1.15	ppb
Strontium	86-1	51.13	52.45	61.67	55.08	10.42	ppb
Strontium	88-1	52.51	52.07	60.58	55.05	8.70	ppb
Sulfur	34-1	1104.74	1154.33	2356.31	1538.46	46.07	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	50.74	51.03	59.69	53.82	9.45	ppb
Thallium	205-1	50.75	50.61	59.13	53.49	9.12	ppb
Thorium	232-1	47.80	47.76	55.14	50.23	8.45	ppb
Tin	118-1	57.46	56.89	66.18	60.18	8.65	ppb
Titanium	47-1	260.29	260.12	297.80	272.74	7.96	ppb
Uranium	238-1	47.02	47.30	54.54	49.62	8.60	ppb
Vanadium	51-2	51.41	51.39	50.22	51.01	1.34	ppb
Yttrium	89-1				97		%
Yttrium	89-2				102		%

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 14:44:23 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	96.14	96.59	94.72	95.81	1.02	ppb
Zirconium	90-1	51.85	51.83	60.18	54.62	8.82	ppb
Zirconium	91-1	51.52	51.79	59.60	54.30	8.45	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 14:48:20 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2721.40	2538.08	2514.15	2591.21	4.38	ppb
Antimony	121-1	144.93	143.37	143.05	143.78	0.70	ppb
Arsenic	75-2	142.36	134.19	130.81	135.79	4.38	ppb
Barium	135-1	715.43	715.96	710.98	714.13	0.38	ppb
Barium	137-1	705.13	701.13	701.51	702.59	0.31	ppb
Beryllium	9-1	139.73	138.63	139.07	139.14	0.40	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	11-1	128.89	131.10	133.43	131.14	1.73	ppb
Boron	10-1	129.53	130.52	132.30	130.78	1.07	ppb
Cadmium	106-1	136.34	141.22	138.57	138.71	1.76	ppb
Cadmium	108-1	141.02	146.76	147.59	145.12	2.46	ppb
Cadmium	111-1	141.46	141.11	139.64	140.74	0.69	ppb
Calcium	43-1	13493.17	13683.03	13311.53	13495.91	1.38	ppb
Calcium	44-1	13356.26	13337.05	13262.31	13318.54	0.37	ppb
Chromium	52-2	138.51	130.10	128.57	132.39	4.04	ppb
Cobalt	59-2	140.86	132.74	130.26	134.62	4.12	ppb
Copper	63-2	269.28	254.26	250.15	257.90	3.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	7379.10	6928.63	6824.43	7044.05	4.19	ppb
Iron	57-2	7494.85	7072.10	7006.12	7191.02	3.69	ppb
Krypton	83-1						cps
Lead	206-1	136.12	135.39	135.23	135.58	0.35	ppb
Lead	207-1	133.26	134.54	134.18	133.99	0.49	ppb
Lead	208-1	133.72	134.28	133.51	133.84	0.29	ppb
Lithium	6-1				102		%
Magnesium	24-2	14219.01	13360.11	13127.49	13568.87	4.24	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
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Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	279.60	262.27	257.66	266.51	4.34	ppb
Molybdenum	94-1	670.47	679.65	668.39	672.84	0.89	ppb
Molybdenum	95-1	675.71	680.81	676.20	677.57	0.42	ppb
Molybdenum	96-1	674.41	675.33	669.01	672.92	0.51	ppb
Molybdenum	97-1	679.11	676.52	677.01	677.55	0.20	ppb
Molybdenum	98-1	673.98	677.66	677.79	676.47	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	142.71	134.48	134.15	137.12	3.54	ppb
Phosphorus	31-2	2686.44	2598.78	2550.96	2612.06	2.63	ppb
Potassium	39-2	7072.73	6636.72	6561.16	6756.87	4.09	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	155.04	108.22	122.66	128.64	18.64	ppb
Selenium	78-2	149.11	133.83	129.77	137.57	7.42	ppb
Selenium	82-1	137.46	138.84	139.29	138.53	0.69	ppb
Silicon	28-1	131.11	130.25	129.47	130.27	0.63	ppb
Silver	109-1	146.26	145.49	146.07	145.94	0.27	ppb
Silver	107-1	146.56	146.52	144.17	145.75	0.94	ppb
Sodium	23-2	12950.38	12167.19	11988.59	12368.72	4.14	ppb
Strontium	86-1	133.50	135.72	134.55	134.59	0.82	ppb
Strontium	88-1	133.75	133.81	132.95	133.50	0.36	ppb
Sulfur	34-1	2708.30	2580.47	2584.11	2624.30	2.77	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	132.36	131.89	133.54	132.60	0.64	ppb
Thallium	205-1	131.77	132.58	132.11	132.15	0.31	ppb
Thorium	232-1	125.77	125.19	125.04	125.33	0.31	ppb
Tin	118-1	144.70	143.03	144.32	144.01	0.61	ppb
Titanium	47-1	674.02	668.56	665.86	669.48	0.62	ppb
Uranium	238-1	130.22	129.89	129.90	130.00	0.15	ppb
Vanadium	51-2	135.88	127.52	126.29	129.90	4.02	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%

LB Number : LB103342 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
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Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	265.38	248.09	245.29	252.92	4.30	ppb
Zirconium	90-1	135.86	135.92	134.56	135.45	0.57	ppb
Zirconium	91-1	136.24	137.00	135.53	136.26	0.54	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
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Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5137.56	5251.37	5196.58	5195.17	1.10	ppb
Antimony	121-1	281.79	279.34	278.22	279.79	0.65	ppb
Arsenic	75-2	258.63	264.16	260.89	261.23	1.07	ppb
Barium	135-1	1378.43	1372.81	1375.55	1375.60	0.20	ppb
Barium	137-1	1357.49	1354.74	1357.40	1356.54	0.12	ppb
Beryllium	9-1	273.35	273.46	271.69	272.83	0.36	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	11-1	253.44	257.29	264.46	258.40	2.16	ppb
Boron	10-1	259.04	259.23	261.56	259.94	0.54	ppb
Cadmium	106-1	271.18	267.95	265.88	268.34	0.99	ppb
Cadmium	108-1	270.14	269.91	270.38	270.14	0.09	ppb
Cadmium	111-1	273.64	267.88	269.16	270.23	1.12	ppb
Calcium	43-1	27041.62	26924.57	27084.43	27016.87	0.31	ppb
Calcium	44-1	26488.39	26608.37	26666.83	26587.86	0.34	ppb
Chromium	52-2	260.82	263.56	260.00	261.46	0.71	ppb
Cobalt	59-2	265.17	267.01	265.00	265.73	0.42	ppb
Copper	63-2	494.94	500.53	496.11	497.19	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				94		%
Indium	115-1				91		%
Indium	115-2				88		%
Iron	56-2	13949.73	14117.88	13917.00	13994.87	0.77	ppb
Iron	57-2	14155.17	14362.04	14210.36	14242.52	0.75	ppb
Krypton	83-1						cps
Lead	206-1	269.71	270.77	268.76	269.74	0.37	ppb
Lead	207-1	266.63	266.76	264.83	266.07	0.41	ppb
Lead	208-1	265.76	266.11	266.11	265.99	0.07	ppb
Lithium	6-1				93		%
Magnesium	24-2	26755.35	27118.54	26814.32	26896.07	0.72	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 14:52:13 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	518.89	529.18	525.52	524.53	1.00	ppb
Molybdenum	94-1	1332.26	1340.83	1328.77	1333.95	0.47	ppb
Molybdenum	95-1	1329.79	1344.87	1330.10	1334.92	0.65	ppb
Molybdenum	96-1	1320.69	1329.97	1327.15	1325.94	0.36	ppb
Molybdenum	97-1	1344.41	1355.02	1345.52	1348.31	0.43	ppb
Molybdenum	98-1	1333.84	1334.39	1332.80	1333.68	0.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	263.47	268.43	266.43	266.11	0.94	ppb
Phosphorus	31-2	5120.49	5173.27	5311.64	5201.80	1.90	ppb
Potassium	39-2	13213.71	13461.99	13355.58	13343.76	0.93	ppb
Rhodium	103-1				87		%
Rhodium	103-2				86		%
Scandium	45-1				89		%
Scandium	45-2				87		%
Selenium	77-2	254.39	267.54	281.79	267.91	5.12	ppb
Selenium	78-2	254.52	264.27	276.43	265.08	4.14	ppb
Selenium	82-1	275.54	277.02	268.17	273.58	1.73	ppb
Silicon	28-1	254.01	257.24	259.55	256.93	1.08	ppb
Silver	109-1	278.87	272.34	272.53	274.58	1.35	ppb
Silver	107-1	276.60	273.93	273.14	274.56	0.66	ppb
Sodium	23-2	24421.18	24738.81	24485.96	24548.65	0.68	ppb
Strontium	86-1	266.18	266.83	264.41	265.81	0.47	ppb
Strontium	88-1	267.25	267.20	264.83	266.43	0.52	ppb
Sulfur	34-1	5380.52	5217.83	5164.86	5254.40	2.14	ppb
Terbium	159-1				98		%
Terbium	159-2				93		%
Thallium	203-1	262.78	265.05	264.15	263.99	0.43	ppb
Thallium	205-1	261.83	264.09	263.72	263.21	0.46	ppb
Thorium	232-1	254.12	254.58	255.46	254.72	0.27	ppb
Tin	118-1	282.07	278.51	280.92	280.50	0.65	ppb
Titanium	47-1	1344.21	1338.68	1347.20	1343.36	0.32	ppb
Uranium	238-1	256.52	257.44	258.41	257.46	0.37	ppb
Vanadium	51-2	256.88	261.08	258.01	258.66	0.84	ppb
Yttrium	89-1				90		%
Yttrium	89-2				88		%

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 14:52:13 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	485.83	494.31	492.43	490.86	0.91	ppb
Zirconium	90-1	268.37	268.41	267.13	267.97	0.27	ppb
Zirconium	91-1	273.42	268.57	266.63	269.54	1.30	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
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Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10381.01	11037.50	10001.57	10473.36	5.00	ppb
Antimony	121-1	521.04	518.86	523.60	521.17	0.46	ppb
Arsenic	75-2	520.19	556.98	509.83	529.00	4.68	ppb
Barium	135-1	2583.37	2583.86	2605.21	2590.81	0.48	ppb
Barium	137-1	2565.81	2580.69	2596.25	2580.92	0.59	ppb
Beryllium	9-1	521.82	515.73	517.72	518.42	0.60	ppb
Bismuth	209-1				100		%
Bismuth	209-2				90		%
Boron	11-1	524.54	520.35	531.47	525.46	1.07	ppb
Boron	10-1	516.54	519.65	530.43	522.21	1.40	ppb
Cadmium	106-1	499.99	490.99	499.75	496.91	1.03	ppb
Cadmium	108-1	505.07	493.84	498.53	499.15	1.13	ppb
Cadmium	111-1	500.11	492.47	504.33	498.97	1.20	ppb
Calcium	43-1	52271.09	51467.95	52230.53	51989.86	0.87	ppb
Calcium	44-1	51463.74	51135.15	51832.63	51477.17	0.68	ppb
Chromium	52-2	523.32	560.22	505.46	529.67	5.27	ppb
Cobalt	59-2	527.11	562.95	509.43	533.17	5.12	ppb
Copper	63-2	968.48	1034.39	941.88	981.58	4.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				91		%
Indium	115-1				91		%
Indium	115-2				83		%
Iron	56-2	28273.90	30182.18	27211.07	28555.72	5.27	ppb
Iron	57-2	28698.30	30461.23	27553.82	28904.45	5.07	ppb
Krypton	83-1						cps
Lead	206-1	516.14	513.46	517.46	515.68	0.40	ppb
Lead	207-1	514.98	512.23	516.74	514.65	0.44	ppb
Lead	208-1	514.74	511.14	516.91	514.27	0.57	ppb
Lithium	6-1				91		%
Magnesium	24-2	53650.40	57487.88	51683.03	54273.77	5.44	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:04:36 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1046.88	1115.07	1010.42	1057.46	5.02	ppb
Molybdenum	94-1	2557.28	2559.16	2581.85	2566.10	0.53	ppb
Molybdenum	95-1	2550.54	2555.40	2585.09	2563.68	0.73	ppb
Molybdenum	96-1	2556.76	2567.24	2591.65	2571.88	0.70	ppb
Molybdenum	97-1	2553.46	2553.00	2577.16	2561.21	0.54	ppb
Molybdenum	98-1	2565.93	2574.34	2596.94	2579.07	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	532.68	566.17	509.58	536.14	5.31	ppb
Phosphorus	31-2	10319.80	11159.94	10073.64	10517.79	5.42	ppb
Potassium	39-2	26707.13	28633.05	25893.81	27077.99	5.20	ppb
Rhodium	103-1				85		%
Rhodium	103-2				81		%
Scandium	45-1				87		%
Scandium	45-2				82		%
Selenium	77-2	506.22	579.23	521.14	535.53	7.20	ppb
Selenium	78-2	521.14	569.32	518.64	536.37	5.33	ppb
Selenium	82-1	520.19	517.76	523.29	520.41	0.53	ppb
Silicon	28-1	485.60	482.08	488.75	485.48	0.69	ppb
Silver	109-1	498.87	493.80	502.18	498.28	0.85	ppb
Silver	107-1	502.46	494.63	501.50	499.53	0.86	ppb
Sodium	23-2	49907.78	53279.63	48122.81	50436.74	5.19	ppb
Strontium	86-1	515.02	516.48	521.94	517.81	0.70	ppb
Strontium	88-1	517.90	514.61	519.96	517.49	0.52	ppb
Sulfur	34-1	10265.55	10124.25	10066.06	10151.95	1.01	ppb
Terbium	159-1				101		%
Terbium	159-2				91		%
Thallium	203-1	511.90	507.65	510.75	510.10	0.43	ppb
Thallium	205-1	515.48	511.17	515.16	513.94	0.47	ppb
Thorium	232-1	505.71	503.51	506.03	505.08	0.27	ppb
Tin	118-1	526.29	516.63	527.30	523.41	1.13	ppb
Titanium	47-1	2569.83	2559.36	2571.34	2566.84	0.25	ppb
Uranium	238-1	503.63	497.66	502.10	501.13	0.62	ppb
Vanadium	51-2	521.46	555.89	506.04	527.80	4.84	ppb
Yttrium	89-1				89		%
Yttrium	89-2				83		%

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:04:36 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	965.82	1027.26	936.66	976.58	4.74	ppb
Zirconium	90-1	511.89	510.12	512.54	511.52	0.24	ppb
Zirconium	91-1	518.49	519.60	518.45	518.84	0.13	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:08:22 DataFile Name : 012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19672.12	19474.13	19530.27	19558.84	0.52	ppb
Antimony	121-1	1012.05	935.23	990.29	979.19	4.04	ppb
Arsenic	75-2	970.31	984.70	988.53	981.18	0.98	ppb
Barium	135-1	5062.59	4698.04	4968.98	4909.87	3.86	ppb
Barium	137-1	5082.95	4702.09	4978.61	4921.21	4.00	ppb
Beryllium	9-1	1007.38	948.86	992.67	982.97	3.10	ppb
Bismuth	209-1				99		%
Bismuth	209-2				92		%
Boron	11-1	993.68	949.25	1009.91	984.28	3.19	ppb
Boron	10-1	991.08	945.84	1019.70	985.54	3.78	ppb
Cadmium	106-1	1038.69	950.19	995.05	994.65	4.45	ppb
Cadmium	108-1	1019.01	955.25	1003.06	992.44	3.34	ppb
Cadmium	111-1	1022.51	953.23	1003.38	993.04	3.60	ppb
Calcium	43-1	102729.68	95647.45	101479.35	99952.16	3.78	ppb
Calcium	44-1	101550.60	94308.68	100348.17	98735.82	3.93	ppb
Chromium	52-2	986.31	975.99	981.57	981.29	0.53	ppb
Cobalt	59-2	978.93	976.80	978.72	978.15	0.12	ppb
Copper	63-2	2016.01	2003.31	2007.49	2008.94	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				94		%
Indium	115-1				90		%
Indium	115-2				84		%
Iron	56-2	53037.07	52609.70	52646.65	52764.47	0.45	ppb
Iron	57-2	53573.08	53451.35	53502.89	53509.11	0.11	ppb
Krypton	83-1						cps
Lead	206-1	1018.97	937.18	1000.87	985.67	4.36	ppb
Lead	207-1	1021.88	939.65	1000.44	987.32	4.32	ppb
Lead	208-1	1019.98	941.89	1000.80	987.55	4.12	ppb
Lithium	6-1				90		%
Magnesium	24-2	101551.78	101286.54	101026.85	101288.39	0.26	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:08:22 DataFile Name : 012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1966.73	1959.47	1962.88	1963.03	0.18	ppb
Molybdenum	94-1	5095.81	4707.41	5013.42	4938.88	4.14	ppb
Molybdenum	95-1	5083.21	4713.11	5021.00	4939.11	4.01	ppb
Molybdenum	96-1	5085.12	4717.28	5011.39	4937.93	3.94	ppb
Molybdenum	97-1	5104.46	4697.27	5009.13	4936.95	4.31	ppb
Molybdenum	98-1	5109.02	4697.20	4989.51	4931.91	4.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	980.99	971.39	976.19	976.19	0.49	ppb
Phosphorus	31-2	19541.73	19866.85	19623.50	19677.36	0.86	ppb
Potassium	39-2	50681.49	49953.95	50001.59	50212.35	0.81	ppb
Rhodium	103-1				83		%
Rhodium	103-2				82		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	77-2	995.81	985.28	950.75	977.28	2.41	ppb
Selenium	78-2	976.36	990.22	962.37	976.32	1.43	ppb
Selenium	82-1	1011.80	938.70	995.15	981.88	3.90	ppb
Silicon	28-1	1035.40	956.28	1021.98	1004.55	4.21	ppb
Silver	109-1	1020.88	952.85	1000.82	991.52	3.53	ppb
Silver	107-1	1025.77	947.31	999.78	990.95	4.03	ppb
Sodium	23-2	95138.25	94306.98	94274.41	94573.21	0.52	ppb
Strontium	86-1	1016.99	942.27	997.81	985.69	3.94	ppb
Strontium	88-1	1021.69	937.85	997.95	985.83	4.38	ppb
Sulfur	34-1	20867.66	18625.28	19960.95	19817.96	5.69	ppb
Terbium	159-1				102		%
Terbium	159-2				94		%
Thallium	203-1	1027.84	946.40	996.70	990.31	4.15	ppb
Thallium	205-1	1026.07	940.69	999.22	988.66	4.42	ppb
Thorium	232-1	1027.18	955.15	1006.35	996.23	3.72	ppb
Tin	118-1	1011.14	934.05	988.17	977.78	4.05	ppb
Titanium	47-1	5106.12	4715.55	4987.95	4936.54	4.06	ppb
Uranium	238-1	1027.85	951.09	1011.95	996.96	4.06	ppb
Vanadium	51-2	982.64	982.41	984.77	983.27	0.13	ppb
Yttrium	89-1				90		%
Yttrium	89-2				86		%

LB Number : LB103342 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired :: 2019-06-11 15:08:22 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2007.56	2013.42	2020.54	2013.84	0.32	ppb
Zirconium	90-1	1019.01	941.72	1003.91	988.21	4.15	ppb
Zirconium	91-1	1018.53	933.26	1000.42	984.07	4.56	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:12:08 DataFile Name : 013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99413.09	100728.09	99945.53	100028.90	0.66	ppb
Antimony	121-1	1.58	1.64	1.64	1.62	2.12	ppb
Arsenic	75-2	1.26	1.54	1.56	1.45	11.44	ppb
Barium	135-1	1.08	1.17	0.95	1.06	10.37	ppb
Barium	137-1	1.25	1.04	0.96	1.08	14.23	ppb
Beryllium	9-1	0.38	0.38	0.30	0.36	12.60	ppb
Bismuth	209-1				85		%
Bismuth	209-2				81		%
Boron	11-1	63.00	56.17	51.95	57.04	9.78	ppb
Boron	10-1	59.32	57.75	49.33	55.47	9.69	ppb
Cadmium	106-1	0.58	0.31	1.18	0.69	65.01	ppb
Cadmium	108-1	0.37	0.27	0.18	0.27	33.75	ppb
Cadmium	111-1	0.28	0.24	0.28	0.27	8.90	ppb
Calcium	43-1	497095.93	499922.55	502022.00	499680.16	0.49	ppb
Calcium	44-1	496700.06	501196.27	502105.65	500000.66	0.58	ppb
Chromium	52-2	14.30	14.17	14.11	14.19	0.69	ppb
Cobalt	59-2	11.30	11.56	11.45	11.43	1.16	ppb
Copper	63-2	2.35	2.29	2.38	2.34	1.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				93		%
Indium	115-1				84		%
Indium	115-2				85		%
Iron	56-2	246904.53	250458.34	249619.57	248994.15	0.75	ppb
Iron	57-2	247833.53	249525.87	249022.68	248794.03	0.35	ppb
Krypton	83-1						cps
Lead	206-1	1.79	1.79	1.69	1.76	3.26	ppb
Lead	207-1	1.68	1.60	1.65	1.64	2.30	ppb
Lead	208-1	1.73	1.67	1.63	1.68	3.08	ppb
Lithium	6-1				90		%
Magnesium	24-2	495538.32	503303.07	498733.29	499191.56	0.78	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:12:08 DataFile Name : 013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.45	8.08	7.78	8.10	4.16	ppb
Molybdenum	94-1	3.59	3.30	3.09	3.33	7.44	ppb
Molybdenum	95-1	4.44	4.15	3.92	4.17	6.18	ppb
Molybdenum	96-1	4.77	4.48	4.59	4.61	3.17	ppb
Molybdenum	97-1	4.11	3.94	3.87	3.97	3.02	ppb
Molybdenum	98-1	4.25	3.88	3.78	3.97	6.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.79	15.90	15.88	16.19	3.19	ppb
Phosphorus	31-2	-15.30	25.88	-22.29	-3.90		ppb
Potassium	39-2	248047.25	250122.54	250910.69	249693.49	0.59	ppb
Rhodium	103-1				76		%
Rhodium	103-2				79		%
Scandium	45-1				88		%
Scandium	45-2				93		%
Selenium	77-2	1.60	0.80	0.00	0.80	99.90	ppb
Selenium	78-2	-1.29	-0.47	-0.23	-0.66		ppb
Selenium	82-1	1.02	1.12	1.39	1.17	16.35	ppb
Silicon	28-1	44.04	42.29	43.10	43.14	2.03	ppb
Silver	109-1	0.13	0.12	0.11	0.12	8.39	ppb
Silver	107-1	0.15	0.13	0.10	0.13	18.87	ppb
Sodium	23-2	496422.52	503996.17	502791.12	501069.94	0.81	ppb
Strontium	86-1	4.41	4.51	4.35	4.43	1.84	ppb
Strontium	88-1	4.43	4.46	4.37	4.42	0.98	ppb
Sulfur	34-1	-398.90	-616.12	-388.62	-467.88		ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	0.48	0.39	0.40	0.42	11.33	ppb
Thallium	205-1	0.49	0.43	0.41	0.44	8.43	ppb
Thorium	232-1	0.32	0.26	0.22	0.27	19.84	ppb
Tin	118-1	0.85	0.85	0.80	0.83	3.95	ppb
Titanium	47-1	3.02	2.77	2.92	2.91	4.35	ppb
Uranium	238-1	0.20	0.15	0.14	0.16	20.08	ppb
Vanadium	51-2	0.22	0.24	0.28	0.25	12.34	ppb
Yttrium	89-1				87		%
Yttrium	89-2				90		%

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:12:08 DataFile Name : 013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	20.13	20.62	21.41	20.72	3.11	ppb
Zirconium	90-1	0.42	0.32	0.36	0.37	13.78	ppb
Zirconium	91-1	0.34	0.37	0.31	0.34	8.39	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:19:07 DataFile Name : 014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	485.94	482.15	463.24	477.11	2.55	ppb
Antimony	121-1	204.11	196.99	210.50	203.87	3.32	ppb
Arsenic	75-2	197.85	202.91	200.38	200.38	1.26	ppb
Barium	135-1	103.65	98.93	106.45	103.01	3.69	ppb
Barium	137-1	102.39	98.63	105.20	102.07	3.23	ppb
Beryllium	9-1	97.81	93.83	99.10	96.91	2.84	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Boron	11-1	14.46	14.08	14.77	14.43	2.40	ppb
Boron	10-1	14.88	14.38	15.53	14.93	3.85	ppb
Cadmium	106-1	82.03	73.33	80.45	78.60	5.89	ppb
Cadmium	108-1	114.33	105.48	112.75	110.85	4.26	ppb
Cadmium	111-1	102.74	96.61	104.66	101.34	4.15	ppb
Calcium	43-1	2079.52	1916.63	2053.93	2016.69	4.34	ppb
Calcium	44-1	2017.13	1927.22	2053.61	1999.32	3.25	ppb
Chromium	52-2	97.06	94.54	95.54	95.71	1.32	ppb
Cobalt	59-2	100.26	99.17	99.37	99.60	0.58	ppb
Copper	63-2	96.41	94.36	94.17	94.98	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	1079.78	1061.93	1064.63	1068.78	0.90	ppb
Iron	57-2	1091.46	1096.64	1082.84	1090.31	0.64	ppb
Krypton	83-1						cps
Lead	206-1	199.92	190.34	203.01	197.76	3.34	ppb
Lead	207-1	190.32	181.45	192.94	188.24	3.20	ppb
Lead	208-1	193.06	184.42	197.44	191.64	3.46	ppb
Lithium	6-1				114		%
Magnesium	24-2	1259.54	1242.01	1224.78	1242.11	1.40	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:19:07 DataFile Name : 014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	97.84	94.93	95.26	96.01	1.66	ppb
Molybdenum	94-1	1645.85	1551.43	1666.54	1621.28	3.78	ppb
Molybdenum	95-1	2399.39	2275.74	2447.24	2374.12	3.73	ppb
Molybdenum	96-1	2312.50	2193.36	2365.26	2290.38	3.84	ppb
Molybdenum	97-1	2386.42	2254.94	2411.20	2350.86	3.57	ppb
Molybdenum	98-1	2408.20	2276.95	2435.52	2373.56	3.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.35	101.52	101.03	101.96	1.20	ppb
Phosphorus	31-2	-12.48	-7.32	-34.14	-17.98		ppb
Potassium	39-2	1981.45	1976.36	1972.63	1976.81	0.22	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	77-2	204.14	213.06	181.54	199.58	8.14	ppb
Selenium	78-2	209.25	198.66	197.65	201.85	3.18	ppb
Selenium	82-1	205.47	190.78	208.66	201.64	4.73	ppb
Silicon	28-1	5.56	4.21	7.63	5.80	29.71	ppb
Silver	109-1	106.43	101.19	108.46	105.36	3.56	ppb
Silver	107-1	106.35	100.43	108.10	104.96	3.83	ppb
Sodium	23-2	1939.24	1890.69	1870.79	1900.24	1.85	ppb
Strontium	86-1	2.21	2.19	2.31	2.24	3.07	ppb
Strontium	88-1	2.27	2.20	2.26	2.24	1.55	ppb
Sulfur	34-1	-650.52	-1049.71	-692.81	-797.68		ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	193.48	186.77	198.32	192.86	3.01	ppb
Thallium	205-1	193.84	185.38	197.42	192.21	3.22	ppb
Thorium	232-1	0.10	0.11	0.09	0.10	10.11	ppb
Tin	118-1	0.13	0.13	0.14	0.13	2.89	ppb
Titanium	47-1	2408.41	2292.23	2458.44	2386.36	3.57	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	36.56	ppb
Vanadium	51-2	96.37	94.22	95.63	95.41	1.14	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:19:07 DataFile Name : 014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	197.62	193.02	193.86	194.83	1.26	ppb
Zirconium	90-1	0.16	0.19	0.14	0.16	16.48	ppb
Zirconium	91-1	0.22	0.25	0.26	0.24	7.57	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:22:44 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.78	0.62	0.79	0.73	12.47	ppb
Antimony	121-1	0.17	0.20	0.20	0.19	8.77	ppb
Arsenic	75-2	0.01	0.05	0.03	0.03	81.81	ppb
Barium	135-1	0.00	0.02	0.02	0.01	68.80	ppb
Barium	137-1	0.04	0.02	0.03	0.03	33.65	ppb
Beryllium	9-1	0.12	0.11	0.09	0.11	14.21	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	11-1	10.98	10.64	10.16	10.60	3.89	ppb
Boron	10-1	10.68	10.76	11.53	10.99	4.27	ppb
Cadmium	106-1	-0.03	-0.22	0.33	0.03	1106.65	ppb
Cadmium	108-1	0.04	-0.04	0.08	0.02	265.19	ppb
Cadmium	111-1	0.04	0.00	0.03	0.02	102.64	ppb
Calcium	43-1	2.59	4.02	6.39	4.33	44.27	ppb
Calcium	44-1	3.34	4.01	4.41	3.92	13.75	ppb
Chromium	52-2	0.02	-0.04	0.04	0.00	841.70	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	26.18	ppb
Copper	63-2	0.03	0.03	0.05	0.04	30.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	1.03	1.08	1.29	1.13	12.13	ppb
Iron	57-2	2.77	1.32	2.10	2.06	35.21	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.08	0.07	0.07	24.98	ppb
Lead	207-1	0.02	0.05	0.05	0.04	43.31	ppb
Lead	208-1	0.04	0.05	0.05	0.05	13.98	ppb
Lithium	6-1				111		%
Magnesium	24-2	2.20	2.52	1.96	2.23	12.64	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:22:44 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.01	0.02	0.01	179.22	ppb
Molybdenum	94-1	0.46	0.41	0.30	0.39	21.51	ppb
Molybdenum	95-1	0.60	0.53	0.50	0.55	9.34	ppb
Molybdenum	96-1	0.64	0.53	0.40	0.52	22.71	ppb
Molybdenum	97-1	0.75	0.51	0.39	0.55	33.29	ppb
Molybdenum	98-1	0.62	0.57	0.57	0.59	4.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.02	-0.03	0.01	302.80	ppb
Phosphorus	31-2	-20.08	-20.20	-34.53	-24.94		ppb
Potassium	39-2	-0.18	0.70	-0.39	0.04	1413.66	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.25	-1.40	-0.25	-0.64		ppb
Selenium	82-1	0.34	0.31	0.84	0.50	60.06	ppb
Silicon	28-1	0.86	0.90	0.05	0.60	79.19	ppb
Silver	109-1	0.02	0.02	0.02	0.02	9.07	ppb
Silver	107-1	0.01	0.02	0.01	0.01	30.69	ppb
Sodium	23-2	16.72	16.34	16.09	16.38	1.96	ppb
Strontium	86-1	-0.02	0.03	0.01	0.01	357.42	ppb
Strontium	88-1	0.01	0.02	0.02	0.01	16.88	ppb
Sulfur	34-1	-576.30	-583.67	-450.87	-536.95		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.07	0.05	0.07	0.06	15.55	ppb
Thallium	205-1	0.06	0.05	0.06	0.06	13.15	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	5.92	ppb
Tin	118-1	0.07	0.07	0.09	0.08	13.32	ppb
Titanium	47-1	0.15	0.11	0.18	0.15	22.15	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	71.09	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	176.32	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:22:44 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.00	0.06	0.16	0.08	106.19	ppb
Zirconium	90-1	0.02	0.01	-0.01	0.01	292.63	ppb
Zirconium	91-1	0.01	-0.02	-0.01	-0.01		ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:26:21 DataFile Name : 016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86455.57	87044.15	87206.17	86901.96	0.45	ppb
Antimony	121-1	1.14	1.44	1.34	1.31	11.54	ppb
Arsenic	75-2	0.42	0.30	0.39	0.37	17.56	ppb
Barium	135-1	1.52	1.60	1.65	1.59	4.16	ppb
Barium	137-1	1.44	1.77	1.57	1.59	10.50	ppb
Beryllium	9-1	0.37	0.43	0.39	0.40	7.86	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	11-1	9.37	9.61	9.66	9.55	1.63	ppb
Boron	10-1	8.44	10.24	11.07	9.92	13.52	ppb
Cadmium	106-1	-1.24	-1.59	-2.92	-1.91		ppb
Cadmium	108-1	15.61	19.75	16.41	17.26	12.71	ppb
Cadmium	111-1	0.60	0.62	0.33	0.52	31.36	ppb
Calcium	43-1	92052.80	109090.35	102824.94	101322.70	8.51	ppb
Calcium	44-1	90974.25	108517.21	101772.65	100421.37	8.81	ppb
Chromium	52-2	18.68	19.49	19.43	19.20	2.34	ppb
Cobalt	59-2	1.17	1.21	1.27	1.22	4.05	ppb
Copper	63-2	7.04	6.99	7.21	7.08	1.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	100988.35	101926.22	102032.10	101648.89	0.57	ppb
Iron	57-2	102088.38	103183.20	103152.40	102807.99	0.61	ppb
Krypton	83-1						cps
Lead	206-1	4.58	5.43	4.88	4.96	8.65	ppb
Lead	207-1	3.98	4.48	4.38	4.28	6.22	ppb
Lead	208-1	4.20	4.91	4.55	4.56	7.75	ppb
Lithium	6-1				99		%
Magnesium	24-2	96966.96	97500.90	98064.04	97510.63	0.56	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:26:21 DataFile Name : 016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.54	8.03	7.79	7.79	3.17	ppb
Molybdenum	94-1	1252.51	1474.50	1357.98	1361.66	8.15	ppb
Molybdenum	95-1	1820.35	2150.20	1998.47	1989.67	8.30	ppb
Molybdenum	96-1	1756.50	2063.28	1936.01	1918.60	8.03	ppb
Molybdenum	97-1	1808.16	2125.59	1975.91	1969.88	8.06	ppb
Molybdenum	98-1	1825.88	2163.19	2015.47	2001.52	8.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.74	5.05	5.29	5.03	5.46	ppb
Phosphorus	31-2	93262.77	92556.10	94344.58	93387.82	0.96	ppb
Potassium	39-2	97065.26	97089.93	97857.02	97337.40	0.46	ppb
Rhodium	103-1				90		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	77-2	0.72	0.00	0.72	0.48	86.60	ppb
Selenium	78-2	-0.89	-1.02	-0.77	-0.89		ppb
Selenium	82-1	0.37	0.65	0.56	0.53	27.62	ppb
Silicon	28-1	17.11	25.32	22.63	21.69	19.31	ppb
Silver	109-1	0.07	0.08	0.08	0.08	13.25	ppb
Silver	107-1	0.06	0.08	0.08	0.07	17.80	ppb
Sodium	23-2	89931.60	90459.90	90521.96	90304.48	0.36	ppb
Strontium	86-1	32.53	37.29	35.15	34.99	6.82	ppb
Strontium	88-1	31.71	37.31	34.52	34.51	8.13	ppb
Sulfur	34-1	91760.96	110220.05	102845.81	101608.94	9.14	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.20	0.24	0.28	0.24	16.03	ppb
Thallium	205-1	0.20	0.27	0.27	0.25	16.37	ppb
Thorium	232-1	0.02	0.03	0.03	0.03	12.09	ppb
Tin	118-1	0.27	0.31	0.26	0.28	10.20	ppb
Titanium	47-1	1864.41	2198.64	2080.27	2047.77	8.28	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	16.14	ppb
Vanadium	51-2	0.20	0.21	0.16	0.19	14.88	ppb
Yttrium	89-1				97		%
Yttrium	89-2				101		%

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:26:21 DataFile Name : 016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.33	11.91	12.12	12.12	1.73	ppb
Zirconium	90-1	0.02	0.04	0.01	0.02	46.35	ppb
Zirconium	91-1	0.04	0.06	0.06	0.05	19.92	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:29:58 DataFile Name : 017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87870.52	86596.75	86626.93	87031.40	0.84	ppb
Antimony	121-1	22.09	21.97	22.34	22.14	0.85	ppb
Arsenic	75-2	19.06	20.44	19.72	19.74	3.51	ppb
Barium	135-1	23.09	22.69	23.43	23.07	1.61	ppb
Barium	137-1	22.94	22.55	22.77	22.75	0.87	ppb
Beryllium	9-1	21.36	21.09	21.18	21.21	0.65	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	11-1	66.70	67.32	68.64	67.55	1.47	ppb
Boron	10-1	66.10	70.29	66.60	67.67	3.38	ppb
Cadmium	106-1	29.38	25.10	26.17	26.89	8.28	ppb
Cadmium	108-1	42.94	41.31	42.03	42.09	1.93	ppb
Cadmium	111-1	20.83	20.67	20.82	20.77	0.45	ppb
Calcium	43-1	101062.08	99143.88	100090.10	100098.69	0.96	ppb
Calcium	44-1	99438.34	98227.55	99077.10	98914.33	0.63	ppb
Chromium	52-2	38.95	38.84	38.26	38.68	0.95	ppb
Cobalt	59-2	21.43	20.49	20.78	20.90	2.31	ppb
Copper	63-2	26.01	25.66	25.41	25.69	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	102735.92	101324.72	101300.69	101787.11	0.81	ppb
Iron	57-2	103528.79	101610.38	101814.34	102317.84	1.03	ppb
Krypton	83-1						cps
Lead	206-1	26.58	26.34	26.56	26.50	0.51	ppb
Lead	207-1	24.48	24.42	24.37	24.42	0.21	ppb
Lead	208-1	25.19	24.97	25.03	25.06	0.45	ppb
Lithium	6-1				103		%
Magnesium	24-2	98857.60	97631.69	97718.20	98069.16	0.70	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:29:58 DataFile Name : 017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.67	27.38	27.91	27.65	0.96	ppb
Molybdenum	94-1	1451.52	1460.53	1468.83	1460.29	0.59	ppb
Molybdenum	95-1	1983.79	1993.74	1996.38	1991.30	0.33	ppb
Molybdenum	96-1	1926.50	1941.82	1943.18	1937.17	0.48	ppb
Molybdenum	97-1	1985.79	1991.57	1991.07	1989.48	0.16	ppb
Molybdenum	98-1	2002.42	2008.36	2018.33	2009.70	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.54	24.43	23.91	24.29	1.39	ppb
Phosphorus	31-2	94806.01	93006.47	92133.11	93315.19	1.46	ppb
Potassium	39-2	98413.23	97006.92	96849.98	97423.38	0.88	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	77-2	16.83	22.48	23.20	20.84	16.73	ppb
Selenium	78-2	18.91	19.54	18.61	19.02	2.48	ppb
Selenium	82-1	21.44	20.64	20.64	20.91	2.21	ppb
Silicon	28-1	77.32	77.43	78.96	77.90	1.18	ppb
Silver	109-1	19.65	19.80	19.80	19.75	0.45	ppb
Silver	107-1	19.84	19.90	19.52	19.75	1.04	ppb
Sodium	23-2	91554.44	90206.93	90234.79	90665.39	0.85	ppb
Strontium	86-1	105.96	105.34	107.28	106.19	0.93	ppb
Strontium	88-1	106.21	106.24	107.10	106.52	0.47	ppb
Sulfur	34-1	100941.36	99624.91	99962.06	100176.11	0.68	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	21.33	20.57	21.30	21.07	2.04	ppb
Thallium	205-1	21.16	21.18	21.08	21.14	0.27	ppb
Thorium	232-1	0.35	0.32	0.32	0.33	4.89	ppb
Tin	118-1	62.74	62.98	63.73	63.15	0.82	ppb
Titanium	47-1	2112.58	2073.57	2083.92	2090.02	0.97	ppb
Uranium	238-1	62.48	62.48	62.28	62.41	0.18	ppb
Vanadium	51-2	20.11	19.76	19.58	19.82	1.35	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:29:58 DataFile Name : 017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	30.49	30.40	31.73	30.88	2.40	ppb
Zirconium	90-1	60.55	60.82	60.75	60.71	0.23	ppb
Zirconium	91-1	60.57	60.78	60.96	60.77	0.32	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCV68 Instrumnet Name : P7
 Client Sample ID : CCV68 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:33:36 DataFile Name : 018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52743.31	52204.92	52114.82	52354.35	0.65	ppb
Antimony	121-1	520.43	514.88	513.22	516.18	0.73	ppb
Arsenic	75-2	512.30	513.63	516.44	514.13	0.41	ppb
Barium	135-1	2633.22	2616.68	2608.25	2619.38	0.48	ppb
Barium	137-1	2634.83	2624.81	2609.00	2622.88	0.50	ppb
Beryllium	9-1	502.75	502.02	502.25	502.34	0.07	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Boron	11-1	489.05	496.54	491.15	492.25	0.78	ppb
Boron	10-1	490.21	487.40	499.28	492.30	1.26	ppb
Cadmium	106-1	527.71	525.59	532.37	528.56	0.66	ppb
Cadmium	108-1	534.30	536.42	541.82	537.51	0.72	ppb
Cadmium	111-1	544.62	540.37	536.79	540.59	0.73	ppb
Calcium	43-1	245793.31	245560.74	246629.07	245994.37	0.23	ppb
Calcium	44-1	242485.42	242857.64	244708.70	243350.59	0.49	ppb
Chromium	52-2	486.19	483.12	483.62	484.31	0.34	ppb
Cobalt	59-2	474.92	475.39	473.24	474.52	0.24	ppb
Copper	63-2	960.85	958.69	950.52	956.69	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	123545.74	122929.22	122246.64	122907.20	0.53	ppb
Iron	57-2	124587.11	124982.93	124813.81	124794.62	0.16	ppb
Krypton	83-1						cps
Lead	206-1	518.08	517.46	513.01	516.18	0.54	ppb
Lead	207-1	516.92	517.75	513.66	516.11	0.42	ppb
Lead	208-1	516.03	518.31	515.52	516.62	0.29	ppb
Lithium	6-1				100		%
Magnesium	24-2	243853.22	241023.64	241492.58	242123.15	0.63	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCV68 Instrumnet Name : P7
 Client Sample ID : CCV68 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:33:36 DataFile Name : 018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	950.86	940.84	942.08	944.59	0.58	ppb
Molybdenum	94-1	2533.52	2544.17	2548.45	2542.05	0.30	ppb
Molybdenum	95-1	2530.76	2524.48	2531.30	2528.84	0.15	ppb
Molybdenum	96-1	2528.60	2539.11	2542.10	2536.60	0.28	ppb
Molybdenum	97-1	2511.38	2514.70	2484.89	2503.65	0.65	ppb
Molybdenum	98-1	2539.35	2541.62	2533.12	2538.03	0.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	466.77	471.39	464.85	467.67	0.72	ppb
Phosphorus	31-2	9417.31	9618.05	9230.19	9421.85	2.06	ppb
Potassium	39-2	124940.22	124004.51	124245.64	124396.79	0.39	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	77-2	498.93	497.83	542.19	512.99	4.93	ppb
Selenium	78-2	517.94	506.65	521.00	515.19	1.47	ppb
Selenium	82-1	520.10	518.03	511.65	516.60	0.85	ppb
Silicon	28-1	514.36	521.85	525.91	520.71	1.13	ppb
Silver	109-1	542.00	536.05	534.20	537.42	0.76	ppb
Silver	107-1	539.31	534.72	533.25	535.76	0.59	ppb
Sodium	23-2	244797.72	243397.70	242337.24	243510.89	0.51	ppb
Strontium	86-1	505.37	509.65	507.82	507.61	0.42	ppb
Strontium	88-1	507.33	505.14	506.71	506.39	0.22	ppb
Sulfur	34-1	9893.11	10061.24	9955.67	9970.01	0.85	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	511.94	513.10	513.31	512.78	0.14	ppb
Thallium	205-1	517.22	517.18	516.34	516.91	0.10	ppb
Thorium	232-1	526.61	524.44	520.57	523.87	0.58	ppb
Tin	118-1	518.88	513.46	510.56	514.30	0.82	ppb
Titanium	47-1	2536.87	2550.61	2545.18	2544.22	0.27	ppb
Uranium	238-1	513.52	517.98	508.59	513.36	0.91	ppb
Vanadium	51-2	488.26	487.31	487.37	487.65	0.11	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%

LB Number : LB103342 Operator : Jaswal
Lab Sample ID : CCV68 Instrumnet Name : P7
Client Sample ID : CCV68 Dilution Factor : 1
Date & Time Acquired :: 2019-06-11 15:33:36 DataFile Name : 018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	918.35	916.78	921.90	919.01	0.29	ppb
Zirconium	90-1	504.59	511.52	506.53	507.55	0.70	ppb
Zirconium	91-1	509.01	514.07	514.90	512.66	0.62	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : LLCCV Instrumnet Name : P7
 Client Sample ID : LLCCV Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:48:55 DataFile Name : 019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.34	17.01	20.76	18.71	10.16	ppb
Antimony	121-1	2.09	2.20	2.25	2.18	3.74	ppb
Arsenic	75-2	1.04	1.00	0.96	1.00	4.05	ppb
Barium	135-1	10.17	10.64	11.20	10.67	4.81	ppb
Barium	137-1	10.26	10.54	10.45	10.42	1.38	ppb
Beryllium	9-1	1.05	1.02	0.97	1.01	4.16	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	11-1	27.13	26.57	28.21	27.30	3.05	ppb
Boron	10-1	26.76	25.99	28.86	27.20	5.47	ppb
Cadmium	106-1	0.52	0.56	0.29	0.45	32.10	ppb
Cadmium	108-1	1.03	1.08	1.39	1.17	16.68	ppb
Cadmium	111-1	0.94	0.94	1.02	0.97	4.52	ppb
Calcium	43-1	511.33	490.50	471.20	491.01	4.09	ppb
Calcium	44-1	474.57	471.84	476.68	474.36	0.51	ppb
Chromium	52-2	1.95	1.74	1.96	1.88	6.63	ppb
Cobalt	59-2	0.94	0.91	1.01	0.95	5.29	ppb
Copper	63-2	1.90	1.88	1.94	1.91	1.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				110		%
Iron	56-2	56.02	54.59	59.57	56.73	4.52	ppb
Iron	57-2	55.96	57.03	62.31	58.43	5.82	ppb
Krypton	83-1						cps
Lead	206-1	0.98	0.97	0.97	0.97	0.94	ppb
Lead	207-1	0.95	0.88	0.94	0.92	4.31	ppb
Lead	208-1	0.93	0.92	0.93	0.93	0.82	ppb
Lithium	6-1				119		%
Magnesium	24-2	506.54	497.17	524.95	509.55	2.77	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : LLCCV Instrumnet Name : P7
 Client Sample ID : LLCCV Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:48:55 DataFile Name : 019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.96	0.94	1.09	0.99	8.06	ppb
Molybdenum	94-1	5.06	5.14	4.87	5.02	2.76	ppb
Molybdenum	95-1	4.95	4.94	4.96	4.95	0.25	ppb
Molybdenum	96-1	4.75	5.15	4.95	4.95	3.99	ppb
Molybdenum	97-1	5.26	4.86	4.99	5.04	4.04	ppb
Molybdenum	98-1	5.17	5.06	4.93	5.05	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.03	1.04	1.05	1.83	ppb
Phosphorus	31-2	20.03	21.63	37.20	26.29	36.09	ppb
Potassium	39-2	463.88	465.35	503.31	477.51	4.68	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				117		%
Scandium	45-2				117		%
Selenium	77-2	3.83	5.07	5.97	4.96	21.67	ppb
Selenium	78-2	3.68	3.95	4.68	4.10	12.64	ppb
Selenium	82-1	5.65	6.29	4.85	5.60	12.95	ppb
Silicon	28-1	7.14	7.02	7.31	7.16	2.01	ppb
Silver	109-1	1.04	1.11	1.13	1.09	4.50	ppb
Silver	107-1	1.14	1.10	1.18	1.14	3.54	ppb
Sodium	23-2	450.71	449.51	481.59	460.60	3.95	ppb
Strontium	86-1	0.85	1.06	0.98	0.96	11.06	ppb
Strontium	88-1	0.95	0.97	0.93	0.95	2.00	ppb
Sulfur	34-1	-111.54	-30.74	27.90	-38.13		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	1.03	0.97	0.98	0.99	3.14	ppb
Thallium	205-1	0.90	0.93	0.96	0.93	3.29	ppb
Thorium	232-1	0.86	0.82	0.85	0.84	2.65	ppb
Tin	118-1	5.54	5.30	5.42	5.42	2.17	ppb
Titanium	47-1	4.86	4.57	5.16	4.86	5.99	ppb
Uranium	238-1	0.83	0.86	0.87	0.85	2.24	ppb
Vanadium	51-2	4.98	4.94	4.99	4.97	0.58	ppb
Yttrium	89-1				112		%
Yttrium	89-2				112		%

LB Number :	LB103342	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-06-11 15:48:55	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.05	1.79	2.00	1.95	6.89	ppb
Zirconium	90-1	0.99	0.86	0.94	0.93	6.94	ppb
Zirconium	91-1	0.87	0.89	0.87	0.87	1.37	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCB68 Instrumnet Name : P7
 Client Sample ID : CCB68 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:52:31 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.26	0.26	0.12	0.21	38.01	ppb
Antimony	121-1	0.04	0.03	0.06	0.04	42.27	ppb
Arsenic	75-2	-0.03	-0.01	0.03	0.00		ppb
Barium	135-1	0.01	-0.02	0.00	0.00		ppb
Barium	137-1	0.01	0.01	0.02	0.01	34.48	ppb
Beryllium	9-1	0.07	0.04	0.04	0.05	37.78	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Boron	11-1	5.69	5.54	5.01	5.41	6.54	ppb
Boron	10-1	5.23	5.88	5.01	5.37	8.34	ppb
Cadmium	106-1	0.21	0.46	0.90	0.52	66.47	ppb
Cadmium	108-1	0.07	0.00	0.07	0.05	93.66	ppb
Cadmium	111-1	0.02	0.05	0.07	0.04	55.53	ppb
Calcium	43-1	2.56	3.10	1.68	2.45	29.26	ppb
Calcium	44-1	3.13	3.52	3.42	3.36	6.16	ppb
Chromium	52-2	0.05	0.05	0.02	0.04	39.74	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	152.71	ppb
Copper	63-2	0.08	0.01	0.02	0.04	98.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				110		%
Iron	56-2	0.47	0.36	0.59	0.47	24.37	ppb
Iron	57-2	1.34	0.18	-0.17	0.45	175.35	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.05	0.02	0.03	36.65	ppb
Lead	207-1	-0.01	0.02	0.01	0.01	143.86	ppb
Lead	208-1	0.01	0.03	0.01	0.02	48.44	ppb
Lithium	6-1				119		%
Magnesium	24-2	0.75	0.99	1.65	1.13	41.23	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCB68 Instrumnet Name : P7
 Client Sample ID : CCB68 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:52:31 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.02	0.00	0.01	129.83	ppb
Molybdenum	94-1	0.03	0.04	0.07	0.05	40.30	ppb
Molybdenum	95-1	0.08	0.03	0.03	0.05	64.75	ppb
Molybdenum	96-1	0.03	0.05	0.04	0.04	20.61	ppb
Molybdenum	97-1	0.00	0.06	0.04	0.03	97.59	ppb
Molybdenum	98-1	0.05	0.05	0.05	0.05	7.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.01	0.00	977.84	ppb
Phosphorus	31-2	1.88	-35.76	-25.20	-19.69		ppb
Potassium	39-2	2.59	1.57	1.97	2.04	25.16	ppb
Rhodium	103-1				110		%
Rhodium	103-2				111		%
Scandium	45-1				116		%
Scandium	45-2				117		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.02	-0.37	-0.16	-0.52		ppb
Selenium	82-1	0.56	0.07	0.16	0.26	99.46	ppb
Silicon	28-1	-1.03	0.50	-1.59	-0.71		ppb
Silver	109-1	0.00	0.01	0.01	0.00	81.00	ppb
Silver	107-1	0.01	0.01	0.01	0.01	28.48	ppb
Sodium	23-2	7.59	8.88	8.29	8.25	7.84	ppb
Strontium	86-1	0.01	0.00	0.02	0.01	117.00	ppb
Strontium	88-1	0.01	0.02	0.01	0.02	7.65	ppb
Sulfur	34-1	86.57	295.83	186.86	189.75	55.16	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.04	0.02	0.03	39.71	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	31.53	ppb
Thorium	232-1	0.01	0.02	0.01	0.01	13.18	ppb
Tin	118-1	0.06	0.01	0.05	0.04	66.97	ppb
Titanium	47-1	-0.05	0.10	-0.02	0.01	740.73	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	544.79	ppb
Yttrium	89-1				111		%
Yttrium	89-2				113		%

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCB68 Instrumnet Name : P7
 Client Sample ID : CCB68 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:52:31 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.07	0.10	0.05	0.07	33.53	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	104.49	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	130.83	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : PB120351BS Instrumnet Name : P7
 Client Sample ID : PB120351BS Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:03:21 DataFile Name : 023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9933.13	9883.08	9770.85	9862.35	0.84	ppb
Antimony	121-1	539.96	540.73	530.20	536.96	1.09	ppb
Arsenic	75-2	511.58	502.99	510.36	508.31	0.91	ppb
Barium	135-1	2671.80	2669.28	2636.73	2659.27	0.74	ppb
Barium	137-1	2662.30	2661.78	2640.83	2654.97	0.46	ppb
Beryllium	9-1	520.80	518.35	515.16	518.10	0.55	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	11-1	475.08	479.78	496.19	483.68	2.29	ppb
Boron	10-1	473.45	476.85	486.98	479.09	1.47	ppb
Cadmium	106-1	535.97	537.78	520.27	531.34	1.81	ppb
Cadmium	108-1	534.83	530.38	520.58	528.60	1.38	ppb
Cadmium	111-1	525.05	524.30	516.37	521.91	0.92	ppb
Calcium	43-1	51652.95	51877.71	51582.13	51704.26	0.30	ppb
Calcium	44-1	50668.04	50821.09	50942.66	50810.60	0.27	ppb
Chromium	52-2	496.43	490.69	490.13	492.42	0.71	ppb
Cobalt	59-2	497.20	493.92	492.74	494.62	0.47	ppb
Copper	63-2	918.83	905.28	908.31	910.81	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	26721.87	26338.27	26636.42	26565.52	0.76	ppb
Iron	57-2	26911.46	26645.49	26754.67	26770.54	0.50	ppb
Krypton	83-1						cps
Lead	206-1	512.94	508.76	505.22	508.97	0.76	ppb
Lead	207-1	509.10	504.01	506.68	506.60	0.50	ppb
Lead	208-1	508.87	507.02	506.11	507.33	0.28	ppb
Lithium	6-1				110		%
Magnesium	24-2	52037.05	51162.19	51328.76	51509.33	0.90	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : PB120351BS Instrumnet Name : P7
 Client Sample ID : PB120351BS Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:03:21 DataFile Name : 023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	976.04	965.32	969.35	970.24	0.56	ppb
Molybdenum	94-1	2569.19	2554.66	2530.89	2551.58	0.76	ppb
Molybdenum	95-1	2552.40	2541.15	2532.47	2542.01	0.39	ppb
Molybdenum	96-1	2563.42	2547.55	2541.44	2550.80	0.44	ppb
Molybdenum	97-1	2529.95	2514.93	2510.33	2518.40	0.41	ppb
Molybdenum	98-1	2554.77	2543.63	2539.19	2545.86	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.71	495.81	492.38	495.97	0.74	ppb
Phosphorus	31-2	9890.33	9696.70	9565.40	9717.48	1.68	ppb
Potassium	39-2	25769.21	25604.33	25713.15	25695.56	0.33	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	518.63	515.66	486.28	506.86	3.53	ppb
Selenium	78-2	512.64	505.21	510.99	509.62	0.77	ppb
Selenium	82-1	521.93	519.73	517.20	519.62	0.45	ppb
Silicon	28-1	552.73	554.14	563.19	556.68	1.02	ppb
Silver	109-1	533.75	526.10	520.97	526.94	1.22	ppb
Silver	107-1	532.13	528.20	517.19	525.84	1.47	ppb
Sodium	23-2	48413.89	47572.52	47764.89	47917.10	0.92	ppb
Strontium	86-1	512.45	511.23	503.70	509.13	0.93	ppb
Strontium	88-1	511.20	510.90	506.29	509.46	0.54	ppb
Sulfur	34-1	10941.28	10668.07	10551.88	10720.41	1.86	ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	510.34	502.36	500.85	504.52	1.01	ppb
Thallium	205-1	514.65	509.11	507.92	510.56	0.70	ppb
Thorium	232-1	491.61	498.81	492.48	494.30	0.79	ppb
Tin	118-1	544.51	537.03	532.81	538.12	1.10	ppb
Titanium	47-1	2584.45	2554.48	2580.02	2572.98	0.63	ppb
Uranium	238-1	483.44	484.81	484.06	484.10	0.14	ppb
Vanadium	51-2	499.33	490.16	488.52	492.67	1.18	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%

LB Number : LB103342 Operator : Jaswal
Lab Sample ID : PB120351BS Instrumnet Name : P7
Client Sample ID : PB120351BS Dilution Factor : 1
Date & Time Acquired :: 2019-06-11 16:03:21 DataFile Name : 023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	903.87	885.82	894.25	894.64	1.01	ppb
Zirconium	90-1	514.96	511.83	508.76	511.85	0.61	ppb
Zirconium	91-1	511.37	505.38	506.55	507.77	0.63	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24 Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:06:57 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.29	3.11	3.02	3.14	4.34	ppb
Antimony	121-1	3.98	3.92	3.87	3.92	1.45	ppb
Arsenic	75-2	4.77	5.38	5.32	5.15	6.51	ppb
Barium	135-1	188.71	185.74	185.18	186.54	1.02	ppb
Barium	137-1	186.63	183.34	183.18	184.38	1.06	ppb
Beryllium	9-1	0.13	0.10	0.10	0.11	15.51	ppb
Bismuth	209-1				97		%
Bismuth	209-2				89		%
Boron	11-1	973.94	990.19	991.00	985.04	0.98	ppb
Boron	10-1	937.40	947.22	955.96	946.86	0.98	ppb
Cadmium	106-1	-0.02	-3.76	-2.31	-2.03		ppb
Cadmium	108-1	0.38	0.21	0.12	0.24	55.06	ppb
Cadmium	111-1	0.23	-0.13	-0.06	0.01	1527.50	ppb
Calcium	43-1	188337.25	187189.64	189033.27	188186.72	0.49	ppb
Calcium	44-1	186191.22	186839.55	188016.69	187015.82	0.49	ppb
Chromium	52-2	2.17	2.08	2.07	2.11	2.48	ppb
Cobalt	59-2	0.43	0.41	0.40	0.41	3.71	ppb
Copper	63-2	5.54	5.51	5.88	5.64	3.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				89		%
Iron	56-2	13153.26	13003.43	13140.17	13098.96	0.63	ppb
Iron	57-2	13900.01	13762.01	13741.86	13801.29	0.62	ppb
Krypton	83-1						cps
Lead	206-1	1.04	0.83	0.70	0.86	19.80	ppb
Lead	207-1	1.03	0.84	0.63	0.83	23.58	ppb
Lead	208-1	1.02	0.81	0.69	0.84	19.93	ppb
Lithium	6-1				109		%
Magnesium	24-2	51830.05	51502.86	51639.66	51657.52	0.32	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24 Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:06:57 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1149.70	1142.12	1148.30	1146.71	0.35	ppb
Molybdenum	94-1	2.56	2.36	2.11	2.34	9.55	ppb
Molybdenum	95-1	3.13	3.00	2.90	3.01	3.78	ppb
Molybdenum	96-1	2.89	2.91	2.89	2.90	0.47	ppb
Molybdenum	97-1	2.83	2.73	2.96	2.84	3.99	ppb
Molybdenum	98-1	3.15	2.85	2.82	2.94	6.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.36	1.35	1.42	1.37	2.72	ppb
Phosphorus	31-2	2.58	50.74	14.27	22.53	111.51	ppb
Potassium	39-2	3673.33	3614.96	3675.41	3654.56	0.94	ppb
Rhodium	103-1				90		%
Rhodium	103-2				87		%
Scandium	45-1				98		%
Scandium	45-2				90		%
Selenium	77-2	1.58	2.39	3.18	2.38	33.62	ppb
Selenium	78-2	0.29	-0.63	-0.76	-0.37		ppb
Selenium	82-1	4.43	5.73	4.28	4.81	16.59	ppb
Silicon	28-1	14367.90	14373.92	14353.94	14365.25	0.07	ppb
Silver	109-1	0.87	0.72	0.69	0.76	13.09	ppb
Silver	107-1	0.95	0.77	0.70	0.81	15.89	ppb
Sodium	23-2	204332.30	202239.41	203826.13	203465.94	0.54	ppb
Strontium	86-1	1574.14	1558.60	1574.60	1569.11	0.58	ppb
Strontium	88-1	1579.80	1585.14	1590.48	1585.14	0.34	ppb
Sulfur	34-1	113014.15	112168.36	113611.31	112931.27	0.64	ppb
Terbium	159-1				104		%
Terbium	159-2				95		%
Thallium	203-1	0.77	0.53	0.38	0.56	34.80	ppb
Thallium	205-1	0.73	0.51	0.36	0.53	34.81	ppb
Thorium	232-1	0.16	0.15	0.13	0.15	8.02	ppb
Tin	118-1	2.34	2.13	2.23	2.23	4.51	ppb
Titanium	47-1	2.67	2.77	2.46	2.64	5.87	ppb
Uranium	238-1	0.39	0.37	0.38	0.38	3.01	ppb
Vanadium	51-2	0.62	0.57	0.65	0.61	6.76	ppb
Yttrium	89-1				97		%
Yttrium	89-2				91		%

LB Number :	LB103342	Operator :	Jaswal
Lab Sample ID :	K3129-24	Instrumnet Name :	P7
Client Sample ID :	LF012MW029-190528	Dilution Factor :	1
Date & Time Acquired ::	2019-06-11 16:06:57	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.58	3.66	3.87	3.70	4.03	ppb
Zirconium	90-1	0.24	0.20	0.23	0.22	8.57	ppb
Zirconium	91-1	0.27	0.25	0.24	0.25	5.38	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24DUP Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528DL Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:10:34 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.32	2.89	2.99	3.07	7.29	ppb
Antimony	121-1	2.47	2.44	2.40	2.44	1.39	ppb
Arsenic	75-2	5.50	5.74	5.92	5.72	3.68	ppb
Barium	135-1	184.07	181.62	181.75	182.48	0.75	ppb
Barium	137-1	181.60	180.92	179.76	180.76	0.52	ppb
Beryllium	9-1	0.06	0.09	0.06	0.07	25.30	ppb
Bismuth	209-1				93		%
Bismuth	209-2				84		%
Boron	11-1	975.19	999.70	995.62	990.17	1.33	ppb
Boron	10-1	918.65	951.13	946.84	938.87	1.88	ppb
Cadmium	106-1	-2.60	-1.07	-0.89	-1.52		ppb
Cadmium	108-1	0.13	0.13	0.18	0.15	17.92	ppb
Cadmium	111-1	-0.15	-0.04	-0.02	-0.07		ppb
Calcium	43-1	187164.09	187852.06	188467.26	187827.80	0.35	ppb
Calcium	44-1	186088.27	186656.55	186881.39	186542.07	0.22	ppb
Chromium	52-2	1.54	1.63	1.60	1.59	2.80	ppb
Cobalt	59-2	0.36	0.43	0.37	0.39	9.37	ppb
Copper	63-2	7.01	7.16	7.49	7.22	3.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				91		%
Indium	115-1				90		%
Indium	115-2				81		%
Iron	56-2	13241.97	13128.17	13357.44	13242.53	0.87	ppb
Iron	57-2	13937.61	13700.15	14114.07	13917.28	1.49	ppb
Krypton	83-1						cps
Lead	206-1	0.42	0.35	0.34	0.37	10.44	ppb
Lead	207-1	0.36	0.32	0.34	0.34	5.21	ppb
Lead	208-1	0.36	0.32	0.33	0.34	6.99	ppb
Lithium	6-1				95		%
Magnesium	24-2	50750.48	50037.40	50851.14	50546.34	0.88	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24DUP Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528DL Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:10:34 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1152.39	1148.50	1169.35	1156.75	0.96	ppb
Molybdenum	94-1	1.87	1.92	1.81	1.87	2.94	ppb
Molybdenum	95-1	2.27	2.51	2.38	2.39	4.98	ppb
Molybdenum	96-1	2.43	2.45	2.26	2.38	4.46	ppb
Molybdenum	97-1	2.28	2.47	2.61	2.45	6.77	ppb
Molybdenum	98-1	2.40	2.38	2.38	2.39	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.27	1.30	1.23	1.27	3.07	ppb
Phosphorus	31-2	26.77	14.24	20.23	20.41	30.70	ppb
Potassium	39-2	3586.44	3600.95	3649.72	3612.37	0.92	ppb
Rhodium	103-1				84		%
Rhodium	103-2				79		%
Scandium	45-1				87		%
Scandium	45-2				78		%
Selenium	77-2	2.66	0.88	1.77	1.77	50.35	ppb
Selenium	78-2	-0.76	-0.18	0.13	-0.27		ppb
Selenium	82-1	4.27	4.65	4.83	4.58	6.16	ppb
Silicon	28-1	14022.27	14031.30	14087.15	14046.91	0.25	ppb
Silver	109-1	0.40	0.41	0.48	0.43	10.17	ppb
Silver	107-1	0.43	0.52	0.45	0.47	10.19	ppb
Sodium	23-2	199959.87	198371.03	201084.27	199805.05	0.68	ppb
Strontium	86-1	1559.79	1564.15	1571.66	1565.20	0.38	ppb
Strontium	88-1	1582.59	1575.75	1580.52	1579.62	0.22	ppb
Sulfur	34-1	110733.80	110568.33	110881.83	110727.99	0.14	ppb
Terbium	159-1				99		%
Terbium	159-2				90		%
Thallium	203-1	0.07	0.04	0.03	0.05	45.44	ppb
Thallium	205-1	0.05	0.05	0.04	0.05	14.07	ppb
Thorium	232-1	0.04	0.05	0.05	0.05	9.15	ppb
Tin	118-1	1.64	1.63	1.60	1.62	1.29	ppb
Titanium	47-1	2.66	2.49	2.60	2.58	3.35	ppb
Uranium	238-1	0.37	0.40	0.38	0.38	3.04	ppb
Vanadium	51-2	0.63	0.55	0.65	0.61	8.04	ppb
Yttrium	89-1				90		%
Yttrium	89-2				82		%

LB Number : LB103342 Operator : Jaswal
Lab Sample ID : K3129-24DUP Instrumnet Name : P7
Client Sample ID : LF012MW029-190528DL Dilution Factor : 1
Date & Time Acquired :: 2019-06-11 16:10:34 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.39	3.34	3.08	3.27	5.05	ppb
Zirconium	90-1	0.17	0.16	0.17	0.17	1.28	ppb
Zirconium	91-1	0.14	0.19	0.18	0.17	16.52	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24LX5 Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528L Dilution Factor : 5
 Date & Time Acquired :: 2019-06-11 16:14:11 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	0.06	-0.12	0.00		ppb
Antimony	121-1	0.55	0.53	0.51	0.53	3.39	ppb
Arsenic	75-2	1.21	0.94	0.96	1.04	14.56	ppb
Barium	135-1	36.74	35.84	36.00	36.19	1.32	ppb
Barium	137-1	35.75	35.69	35.39	35.61	0.55	ppb
Beryllium	9-1	0.05	0.11	0.05	0.07	50.53	ppb
Bismuth	209-1				99		%
Bismuth	209-2				93		%
Boron	11-1	250.14	250.59	252.62	251.11	0.53	ppb
Boron	10-1	235.73	243.42	248.66	242.60	2.68	ppb
Cadmium	106-1	-1.59	-2.47	-2.18	-2.08		ppb
Cadmium	108-1	0.04	0.00	0.04	0.03	89.00	ppb
Cadmium	111-1	-0.12	-0.18	-0.16	-0.15		ppb
Calcium	43-1	36884.72	37354.31	37005.08	37081.37	0.66	ppb
Calcium	44-1	36631.51	36858.74	37132.44	36874.23	0.68	ppb
Chromium	52-2	0.28	0.36	0.29	0.31	14.51	ppb
Cobalt	59-2	0.05	0.08	0.08	0.07	19.87	ppb
Copper	63-2	2.34	2.29	2.13	2.25	4.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				90		%
Iron	56-2	2669.42	2730.10	2720.24	2706.59	1.20	ppb
Iron	57-2	2841.63	2912.45	2918.42	2890.83	1.48	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.12	0.13	0.12	3.34	ppb
Lead	207-1	0.11	0.10	0.12	0.11	11.81	ppb
Lead	208-1	0.11	0.11	0.11	0.11	4.27	ppb
Lithium	6-1				88		%
Magnesium	24-2	10004.02	10168.89	10144.82	10105.91	0.88	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24LX5 Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528L Dilution Factor : 5
 Date & Time Acquired :: 2019-06-11 16:14:11 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	232.18	236.45	235.60	234.74	0.96	ppb
Molybdenum	94-1	0.44	0.39	0.49	0.44	11.32	ppb
Molybdenum	95-1	0.46	0.42	0.50	0.46	8.22	ppb
Molybdenum	96-1	0.44	0.45	0.45	0.45	1.11	ppb
Molybdenum	97-1	0.51	0.55	0.47	0.51	7.72	ppb
Molybdenum	98-1	0.46	0.50	0.49	0.48	3.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.22	0.25	0.23	6.93	ppb
Phosphorus	31-2	-20.12	-19.59	-15.72	-18.48		ppb
Potassium	39-2	715.93	734.89	714.88	721.90	1.56	ppb
Rhodium	103-1				91		%
Rhodium	103-2				88		%
Scandium	45-1				89		%
Scandium	45-2				85		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.34	-0.74	-1.27	-0.78		ppb
Selenium	82-1	1.57	1.73	1.41	1.57	10.27	ppb
Silicon	28-1	2757.42	2781.92	2797.40	2778.91	0.73	ppb
Silver	109-1	0.08	0.09	0.11	0.09	15.53	ppb
Silver	107-1	0.11	0.08	0.07	0.09	27.70	ppb
Sodium	23-2	39129.92	39917.98	39525.75	39524.55	1.00	ppb
Strontium	86-1	308.31	306.34	307.52	307.39	0.32	ppb
Strontium	88-1	306.35	305.27	307.72	306.44	0.40	ppb
Sulfur	34-1	21232.26	21368.23	21417.46	21339.31	0.45	ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	0.02	0.01	0.01	0.01	39.09	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	33.47	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	1.42	ppb
Tin	118-1	0.19	0.19	0.16	0.18	10.52	ppb
Titanium	47-1	0.36	0.35	0.37	0.36	2.72	ppb
Uranium	238-1	0.07	0.07	0.08	0.07	8.38	ppb
Vanadium	51-2	0.12	0.13	0.13	0.13	2.21	ppb
Yttrium	89-1				93		%
Yttrium	89-2				89		%

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24LX5 Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528L Dilution Factor : 5
 Date & Time Acquired :: 2019-06-11 16:14:11 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.96	1.03	1.02	1.00	3.86	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	7.34	ppb
Zirconium	91-1	0.03	0.01	0.02	0.02	34.31	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24MS Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528MS Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:17:49 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9241.02	9184.95	9199.56	9208.51	0.32	ppb
Antimony	121-1	516.30	510.50	513.38	513.39	0.56	ppb
Arsenic	75-2	512.38	506.23	508.82	509.14	0.61	ppb
Barium	135-1	2723.27	2697.17	2713.86	2711.43	0.49	ppb
Barium	137-1	2724.97	2717.12	2730.81	2724.30	0.25	ppb
Beryllium	9-1	465.35	466.71	465.06	465.71	0.19	ppb
Bismuth	209-1				85		%
Bismuth	209-2				78		%
Boron	11-1	1372.70	1387.22	1415.55	1391.82	1.57	ppb
Boron	10-1	1315.22	1333.82	1356.63	1335.22	1.55	ppb
Cadmium	106-1	477.85	460.00	464.78	467.54	1.98	ppb
Cadmium	108-1	469.45	466.93	466.90	467.76	0.31	ppb
Cadmium	111-1	469.49	463.68	464.72	465.96	0.66	ppb
Calcium	43-1	230349.85	230608.34	230859.31	230605.84	0.11	ppb
Calcium	44-1	227102.60	228700.23	228740.91	228181.25	0.41	ppb
Chromium	52-2	512.72	511.78	508.63	511.04	0.42	ppb
Cobalt	59-2	518.13	521.16	513.25	517.52	0.77	ppb
Copper	63-2	961.73	958.27	962.08	960.69	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				84		%
Indium	115-1				79		%
Indium	115-2				72		%
Iron	56-2	39358.88	39347.09	38948.95	39218.31	0.59	ppb
Iron	57-2	40226.66	40253.02	40077.24	40185.64	0.24	ppb
Krypton	83-1						cps
Lead	206-1	531.15	532.66	536.25	533.36	0.49	ppb
Lead	207-1	510.52	513.85	517.25	513.87	0.65	ppb
Lead	208-1	518.12	518.56	522.24	519.64	0.44	ppb
Lithium	6-1				79		%
Magnesium	24-2	94149.61	93712.20	93266.77	93709.52	0.47	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24MS Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528MS Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:17:49 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2124.07	2123.85	2113.66	2120.53	0.28	ppb
Molybdenum	94-1	2602.64	2584.24	2591.92	2592.93	0.36	ppb
Molybdenum	95-1	2572.17	2568.13	2571.52	2570.60	0.08	ppb
Molybdenum	96-1	2586.00	2594.26	2585.81	2588.69	0.19	ppb
Molybdenum	97-1	2557.76	2555.20	2572.61	2561.86	0.37	ppb
Molybdenum	98-1	2580.53	2587.60	2595.74	2587.96	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.91	518.96	515.20	517.36	0.38	ppb
Phosphorus	31-2	14.39	5.93	1.47	7.26	90.37	ppb
Potassium	39-2	27698.79	27540.33	27414.63	27551.25	0.52	ppb
Rhodium	103-1				73		%
Rhodium	103-2				70		%
Scandium	45-1				75		%
Scandium	45-2				69		%
Selenium	77-2	507.79	550.42	519.85	526.02	4.18	ppb
Selenium	78-2	499.71	502.73	515.53	505.99	1.66	ppb
Selenium	82-1	521.20	515.46	523.56	520.08	0.80	ppb
Silicon	28-1	13556.91	13601.27	13721.50	13626.56	0.62	ppb
Silver	109-1	459.09	453.87	453.77	455.58	0.67	ppb
Silver	107-1	458.38	450.08	454.50	454.32	0.91	ppb
Sodium	23-2	241376.29	240972.81	238762.88	240370.66	0.59	ppb
Strontium	86-1	2016.86	2009.77	2015.08	2013.90	0.18	ppb
Strontium	88-1	2025.87	2022.70	2034.22	2027.60	0.29	ppb
Sulfur	34-1	103545.74	103136.65	103820.97	103501.12	0.33	ppb
Terbium	159-1				90		%
Terbium	159-2				83		%
Thallium	203-1	519.50	520.53	524.55	521.53	0.51	ppb
Thallium	205-1	522.70	525.66	528.47	525.61	0.55	ppb
Thorium	232-1	0.10	0.09	0.08	0.09	12.14	ppb
Tin	118-1	502.52	498.94	502.05	501.17	0.39	ppb
Titanium	47-1	2527.75	2534.85	2526.86	2529.82	0.17	ppb
Uranium	238-1	552.42	555.50	557.68	555.20	0.48	ppb
Vanadium	51-2	516.27	512.46	511.25	513.33	0.51	ppb
Yttrium	89-1				79		%
Yttrium	89-2				73		%

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24MS Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528MS Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:17:49 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	874.86	880.96	876.38	877.40	0.36	ppb
Zirconium	90-1	536.21	529.29	534.38	533.29	0.67	ppb
Zirconium	91-1	538.37	537.56	535.27	537.07	0.30	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24MSD Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528MS Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:21:26 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8998.91	8954.55	8942.88	8965.45	0.33	ppb
Antimony	121-1	498.64	500.01	498.06	498.91	0.20	ppb
Arsenic	75-2	496.38	500.56	493.88	496.94	0.68	ppb
Barium	135-1	2638.45	2629.71	2593.90	2620.68	0.90	ppb
Barium	137-1	2631.50	2619.68	2603.87	2618.35	0.53	ppb
Beryllium	9-1	466.61	460.31	463.52	463.48	0.68	ppb
Bismuth	209-1				83		%
Bismuth	209-2				77		%
Boron	11-1	1395.04	1413.53	1425.94	1411.51	1.10	ppb
Boron	10-1	1341.76	1373.65	1366.71	1360.71	1.23	ppb
Cadmium	106-1	449.60	448.58	442.74	446.97	0.83	ppb
Cadmium	108-1	460.12	452.96	453.19	455.43	0.89	ppb
Cadmium	111-1	455.88	453.15	447.61	452.22	0.93	ppb
Calcium	43-1	232575.52	230201.05	230272.42	231016.33	0.58	ppb
Calcium	44-1	230111.25	228743.91	228190.57	229015.24	0.43	ppb
Chromium	52-2	513.88	507.64	509.97	510.50	0.62	ppb
Cobalt	59-2	522.14	515.94	520.00	519.36	0.61	ppb
Copper	63-2	954.93	946.97	952.31	951.40	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				83		%
Indium	115-1				76		%
Indium	115-2				70		%
Iron	56-2	39327.99	38816.77	39202.34	39115.70	0.68	ppb
Iron	57-2	40215.77	39784.66	40344.34	40114.92	0.73	ppb
Krypton	83-1						cps
Lead	206-1	531.55	534.03	527.58	531.05	0.61	ppb
Lead	207-1	511.26	514.08	511.61	512.32	0.30	ppb
Lead	208-1	517.95	518.78	516.39	517.71	0.23	ppb
Lithium	6-1				72		%
Magnesium	24-2	94095.10	93298.57	93609.45	93667.71	0.43	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24MSD Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528MS Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:21:26 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2129.50	2113.74	2130.07	2124.44	0.44	ppb
Molybdenum	94-1	2548.22	2534.82	2534.16	2539.07	0.31	ppb
Molybdenum	95-1	2520.38	2510.64	2501.07	2510.69	0.38	ppb
Molybdenum	96-1	2543.33	2532.37	2523.28	2532.99	0.40	ppb
Molybdenum	97-1	2516.84	2503.88	2495.03	2505.25	0.44	ppb
Molybdenum	98-1	2547.44	2529.65	2517.35	2531.48	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.74	517.15	519.60	519.83	0.54	ppb
Phosphorus	31-2	-19.75	-5.77	-10.10	-11.87		ppb
Potassium	39-2	27260.12	26801.38	27075.37	27045.62	0.85	ppb
Rhodium	103-1				70		%
Rhodium	103-2				68		%
Scandium	45-1				70		%
Scandium	45-2				64		%
Selenium	77-2	462.12	479.05	492.69	477.95	3.20	ppb
Selenium	78-2	488.50	490.06	493.40	490.65	0.51	ppb
Selenium	82-1	518.46	513.94	517.87	516.76	0.48	ppb
Silicon	28-1	13562.99	13543.18	13525.08	13543.75	0.14	ppb
Silver	109-1	441.05	439.95	436.02	439.01	0.60	ppb
Silver	107-1	442.60	439.52	434.13	438.75	0.98	ppb
Sodium	23-2	235243.50	231729.21	233235.91	233402.87	0.76	ppb
Strontium	86-1	2033.90	2018.78	1997.35	2016.68	0.91	ppb
Strontium	88-1	2038.42	2028.19	2015.56	2027.39	0.56	ppb
Sulfur	34-1	103908.92	102669.23	102424.65	103000.93	0.77	ppb
Terbium	159-1				89		%
Terbium	159-2				82		%
Thallium	203-1	516.53	518.39	515.97	516.96	0.24	ppb
Thallium	205-1	522.64	524.92	527.30	524.95	0.44	ppb
Thorium	232-1	0.07	0.06	0.06	0.06	2.55	ppb
Tin	118-1	483.43	485.11	479.39	482.65	0.61	ppb
Titanium	47-1	2502.26	2475.81	2463.06	2480.37	0.81	ppb
Uranium	238-1	554.43	556.52	554.80	555.25	0.20	ppb
Vanadium	51-2	513.11	506.95	511.72	510.60	0.63	ppb
Yttrium	89-1				76		%
Yttrium	89-2				71		%

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24MSD Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528MS Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:21:26 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	873.88	859.68	860.89	864.82	0.91	ppb
Zirconium	90-1	526.71	523.92	523.58	524.74	0.33	ppb
Zirconium	91-1	535.03	532.28	527.68	531.66	0.70	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24A Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528A Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:25:03 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8927.16	9034.28	8771.42	8910.95	1.48	ppb
Antimony	121-1	498.22	490.63	505.36	498.07	1.48	ppb
Arsenic	75-2	491.63	496.53	498.94	495.70	0.75	ppb
Barium	135-1	2626.58	2584.35	2637.39	2616.11	1.07	ppb
Barium	137-1	2625.48	2584.33	2660.55	2623.45	1.45	ppb
Beryllium	9-1	471.30	464.48	473.03	469.60	0.96	ppb
Bismuth	209-1				83		%
Bismuth	209-2				75		%
Boron	11-1	1418.19	1443.75	1463.67	1441.87	1.58	ppb
Boron	10-1	1352.59	1378.75	1401.81	1377.72	1.79	ppb
Cadmium	106-1	461.90	429.66	453.19	448.25	3.72	ppb
Cadmium	108-1	452.58	443.12	449.29	448.33	1.07	ppb
Cadmium	111-1	453.45	443.12	453.94	450.17	1.36	ppb
Calcium	43-1	229837.71	227494.23	231697.90	229676.62	0.92	ppb
Calcium	44-1	226795.18	225831.81	230687.05	227771.34	1.13	ppb
Chromium	52-2	513.70	513.19	501.56	509.48	1.35	ppb
Cobalt	59-2	526.68	524.79	514.66	522.04	1.24	ppb
Copper	63-2	965.80	969.87	943.90	959.86	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				80		%
Indium	115-1				75		%
Indium	115-2				68		%
Iron	56-2	39743.94	39571.66	38703.27	39339.62	1.42	ppb
Iron	57-2	40525.68	40512.50	39504.48	40180.89	1.46	ppb
Krypton	83-1						cps
Lead	206-1	530.49	531.71	540.19	534.13	0.99	ppb
Lead	207-1	509.38	514.23	521.30	514.97	1.16	ppb
Lead	208-1	517.16	517.51	526.74	520.47	1.04	ppb
Lithium	6-1				68		%
Magnesium	24-2	94113.69	93353.64	91379.64	92948.99	1.52	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24A Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528A Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:25:03 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2143.92	2143.88	2100.37	2129.39	1.18	ppb
Molybdenum	94-1	2551.95	2526.01	2585.13	2554.36	1.16	ppb
Molybdenum	95-1	2513.72	2493.76	2552.20	2519.89	1.18	ppb
Molybdenum	96-1	2528.76	2514.72	2583.59	2542.36	1.43	ppb
Molybdenum	97-1	2522.59	2492.35	2545.54	2520.16	1.06	ppb
Molybdenum	98-1	2542.45	2520.07	2582.05	2548.19	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.99	529.91	513.97	520.96	1.56	ppb
Phosphorus	31-2	-3.35	34.21	26.24	19.03	103.97	ppb
Potassium	39-2	27089.45	26988.75	26377.48	26818.56	1.44	ppb
Rhodium	103-1				69		%
Rhodium	103-2				66		%
Scandium	45-1				68		%
Scandium	45-2				61		%
Selenium	77-2	509.11	479.06	463.22	483.80	4.82	ppb
Selenium	78-2	499.73	482.11	488.68	490.17	1.82	ppb
Selenium	82-1	513.58	502.66	514.27	510.17	1.28	ppb
Silicon	28-1	13278.27	13242.93	13587.85	13369.68	1.42	ppb
Silver	109-1	436.84	432.60	440.35	436.60	0.89	ppb
Silver	107-1	436.92	429.92	440.44	435.76	1.23	ppb
Sodium	23-2	236203.59	234499.33	228615.40	233106.11	1.71	ppb
Strontium	86-1	2013.70	1971.12	2030.91	2005.24	1.53	ppb
Strontium	88-1	2020.68	1996.67	2054.25	2023.86	1.43	ppb
Sulfur	34-1	101943.58	100744.53	102961.45	101883.19	1.09	ppb
Terbium	159-1				88		%
Terbium	159-2				79		%
Thallium	203-1	518.71	515.23	526.94	520.29	1.16	ppb
Thallium	205-1	525.46	524.21	535.92	528.53	1.22	ppb
Thorium	232-1	0.05	0.05	0.05	0.05	0.88	ppb
Tin	118-1	484.54	477.10	491.42	484.35	1.48	ppb
Titanium	47-1	2499.44	2470.19	2516.99	2495.54	0.95	ppb
Uranium	238-1	548.65	551.44	568.68	556.26	1.95	ppb
Vanadium	51-2	515.66	512.94	499.45	509.35	1.70	ppb
Yttrium	89-1				74		%
Yttrium	89-2				68		%

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24A Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528A Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:25:03 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	877.87	880.06	856.78	871.57	1.48	ppb
Zirconium	90-1	528.09	519.31	529.51	525.64	1.05	ppb
Zirconium	91-1	534.84	526.16	538.54	533.18	1.19	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-25 Instrumnet Name : P7
 Client Sample ID : LF012RW042-190529 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:28:40 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.48	17.23	18.61	17.10	9.18	ppb
Antimony	121-1	1.32	1.39	1.29	1.33	3.67	ppb
Arsenic	75-2	18.20	21.48	18.78	19.48	8.97	ppb
Barium	135-1	116.03	114.64	115.27	115.31	0.61	ppb
Barium	137-1	113.83	114.08	112.14	113.35	0.93	ppb
Beryllium	9-1	0.20	0.11	0.16	0.16	29.02	ppb
Bismuth	209-1				87		%
Bismuth	209-2				76		%
Boron	11-1	293.31	294.40	285.47	291.06	1.67	ppb
Boron	10-1	272.30	277.36	275.69	275.12	0.94	ppb
Cadmium	106-1	-3.52	-1.74	-2.67	-2.65		ppb
Cadmium	108-1	0.21	0.16	0.26	0.21	24.05	ppb
Cadmium	111-1	-0.14	-0.02	-0.12	-0.09		ppb
Calcium	43-1	156003.90	156215.16	155660.25	155959.77	0.18	ppb
Calcium	44-1	155620.23	156377.30	156169.76	156055.76	0.25	ppb
Chromium	52-2	1.68	2.16	1.58	1.80	17.13	ppb
Cobalt	59-2	0.62	0.75	0.67	0.68	9.69	ppb
Copper	63-2	5.90	6.98	5.96	6.28	9.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				77		%
Indium	115-1				75		%
Indium	115-2				67		%
Iron	56-2	16894.04	20701.03	17934.34	18509.80	10.63	ppb
Iron	57-2	17379.88	21409.57	18513.48	19100.98	10.88	ppb
Krypton	83-1						cps
Lead	206-1	0.30	0.27	0.25	0.27	8.79	ppb
Lead	207-1	0.23	0.27	0.24	0.25	7.42	ppb
Lead	208-1	0.25	0.25	0.24	0.25	2.20	ppb
Lithium	6-1				63		%
Magnesium	24-2	12341.34	15237.73	13135.90	13571.66	11.03	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-25 Instrumnet Name : P7
 Client Sample ID : LF012RW042-190529 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:28:40 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	533.20	655.84	569.63	586.22	10.74	ppb
Molybdenum	94-1	1.78	1.50	1.50	1.59	10.10	ppb
Molybdenum	95-1	0.94	0.87	0.72	0.84	13.50	ppb
Molybdenum	96-1	1.21	1.05	0.84	1.03	17.83	ppb
Molybdenum	97-1	0.90	0.82	0.78	0.83	6.78	ppb
Molybdenum	98-1	0.93	0.95	0.82	0.90	7.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.10	1.06	1.07	2.99	ppb
Phosphorus	31-2	1259.92	1718.03	1337.44	1438.47	17.05	ppb
Potassium	39-2	5287.81	6512.29	5704.30	5834.80	10.67	ppb
Rhodium	103-1				69		%
Rhodium	103-2				64		%
Scandium	45-1				64		%
Scandium	45-2				56		%
Selenium	77-2	0.00	2.53	0.00	0.84	173.21	ppb
Selenium	78-2	-0.88	0.44	0.32	-0.04		ppb
Selenium	82-1	2.11	2.36	2.64	2.37	11.15	ppb
Silicon	28-1	9592.70	9643.89	9584.83	9607.14	0.33	ppb
Silver	109-1	0.24	0.22	0.15	0.20	23.35	ppb
Silver	107-1	0.22	0.20	0.21	0.21	5.24	ppb
Sodium	23-2	31791.42	38756.92	33580.01	34709.45	10.42	ppb
Strontium	86-1	433.03	435.80	434.02	434.29	0.32	ppb
Strontium	88-1	442.51	441.05	441.89	441.81	0.17	ppb
Sulfur	34-1	3583.51	3833.76	3935.58	3784.29	4.79	ppb
Terbium	159-1				86		%
Terbium	159-2				76		%
Thallium	203-1	0.20	0.16	0.13	0.16	22.30	ppb
Thallium	205-1	0.18	0.16	0.13	0.16	18.41	ppb
Thorium	232-1	0.01	0.02	0.01	0.01	20.14	ppb
Tin	118-1	2.66	2.62	2.56	2.62	1.96	ppb
Titanium	47-1	4.57	4.55	4.09	4.40	6.09	ppb
Uranium	238-1	0.09	0.08	0.08	0.09	7.34	ppb
Vanadium	51-2	2.65	3.21	2.95	2.94	9.52	ppb
Yttrium	89-1				72		%
Yttrium	89-2				64		%

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-25 Instrumnet Name : P7
 Client Sample ID : LF012RW042-190529 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:28:40 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.80	5.08	4.41	4.43	14.46	ppb
Zirconium	90-1	0.65	0.67	0.63	0.65	3.34	ppb
Zirconium	91-1	0.67	0.68	0.75	0.70	6.18	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCV69 Instrumnet Name : P7
 Client Sample ID : CCV69 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:32:51 DataFile Name : 031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51126.70	51262.75	51321.92	51237.12	0.20	ppb
Antimony	121-1	459.84	486.03	519.26	488.38	6.10	ppb
Arsenic	75-2	509.56	513.62	515.33	512.84	0.58	ppb
Barium	135-1	2456.75	2602.41	2745.19	2601.45	5.54	ppb
Barium	137-1	2468.47	2618.80	2784.46	2623.91	6.02	ppb
Beryllium	9-1	506.72	529.37	557.22	531.10	4.76	ppb
Bismuth	209-1				82		%
Bismuth	209-2				80		%
Boron	11-1	513.10	548.94	586.50	549.51	6.68	ppb
Boron	10-1	506.49	545.71	582.43	544.88	6.97	ppb
Cadmium	106-1	484.33	514.01	550.44	516.26	6.41	ppb
Cadmium	108-1	497.38	516.80	553.08	522.42	5.41	ppb
Cadmium	111-1	495.57	523.00	561.03	526.53	6.24	ppb
Calcium	43-1	241389.60	254338.26	268215.07	254647.64	5.27	ppb
Calcium	44-1	239279.47	252578.28	267556.48	253138.08	5.59	ppb
Chromium	52-2	502.54	503.92	503.66	503.37	0.15	ppb
Cobalt	59-2	496.46	500.50	501.05	499.33	0.50	ppb
Copper	63-2	1011.22	1020.92	1014.73	1015.63	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				87		%
Indium	115-1				75		%
Indium	115-2				76		%
Iron	56-2	128946.39	129727.82	129534.06	129402.75	0.31	ppb
Iron	57-2	129664.83	130286.88	131772.06	130574.59	0.83	ppb
Krypton	83-1						cps
Lead	206-1	510.59	533.33	574.94	539.62	6.05	ppb
Lead	207-1	508.67	532.02	569.87	536.85	5.75	ppb
Lead	208-1	506.54	529.51	566.18	534.08	5.63	ppb
Lithium	6-1				67		%
Magnesium	24-2	238374.94	239667.99	240988.38	239677.11	0.55	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCV69 Instrumnet Name : P7
 Client Sample ID : CCV69 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:32:51 DataFile Name : 031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	976.91	982.02	984.75	981.23	0.41	ppb
Molybdenum	94-1	2484.01	2627.39	2777.68	2629.69	5.58	ppb
Molybdenum	95-1	2513.70	2652.68	2805.32	2657.23	5.49	ppb
Molybdenum	96-1	2512.94	2669.09	2825.60	2669.21	5.86	ppb
Molybdenum	97-1	2503.04	2644.64	2793.74	2647.14	5.49	ppb
Molybdenum	98-1	2511.18	2674.42	2834.71	2673.44	6.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.31	493.89	494.60	493.27	0.35	ppb
Phosphorus	31-2	9533.97	9097.89	9442.01	9357.96	2.46	ppb
Potassium	39-2	123072.82	123140.84	123836.14	123349.94	0.34	ppb
Rhodium	103-1				68		%
Rhodium	103-2				72		%
Scandium	45-1				70		%
Scandium	45-2				73		%
Selenium	77-2	481.94	527.84	521.08	510.28	4.86	ppb
Selenium	78-2	496.20	520.09	503.09	506.46	2.43	ppb
Selenium	82-1	510.33	529.36	565.91	535.20	5.28	ppb
Silicon	28-1	504.20	535.59	568.79	536.19	6.02	ppb
Silver	109-1	496.16	523.73	556.23	525.38	5.72	ppb
Silver	107-1	499.52	518.12	554.54	524.06	5.34	ppb
Sodium	23-2	239505.38	240423.61	241763.55	240564.18	0.47	ppb
Strontium	86-1	493.98	526.00	553.53	524.50	5.68	ppb
Strontium	88-1	493.62	527.41	559.51	526.85	6.25	ppb
Sulfur	34-1	9306.94	10001.69	10978.37	10095.66	8.32	ppb
Terbium	159-1				87		%
Terbium	159-2				86		%
Thallium	203-1	506.25	526.54	565.01	532.60	5.60	ppb
Thallium	205-1	509.36	534.78	577.06	540.40	6.33	ppb
Thorium	232-1	529.93	556.07	593.63	559.88	5.72	ppb
Tin	118-1	485.68	515.52	545.96	515.72	5.84	ppb
Titanium	47-1	2503.57	2653.56	2797.06	2651.40	5.54	ppb
Uranium	238-1	521.27	550.53	583.27	551.69	5.62	ppb
Vanadium	51-2	499.67	499.88	503.43	500.99	0.42	ppb
Yttrium	89-1				75		%
Yttrium	89-2				77		%

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCV69 Instrumnet Name : P7
 Client Sample ID : CCV69 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:32:51 DataFile Name : 031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	966.75	987.74	979.95	978.15	1.08	ppb
Zirconium	90-1	497.69	531.13	562.13	530.32	6.08	ppb
Zirconium	91-1	502.26	534.07	565.72	534.02	5.94	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCB69 Instrumnet Name : P7
 Client Sample ID : CCB69 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:36:58 DataFile Name : 032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.87	1.28	1.45	1.53	19.62	ppb
Antimony	121-1	0.28	0.28	0.27	0.28	1.31	ppb
Arsenic	75-2	0.08	0.00	0.15	0.08	92.84	ppb
Barium	135-1	0.11	0.06	0.08	0.08	27.57	ppb
Barium	137-1	0.05	0.08	0.06	0.06	28.72	ppb
Beryllium	9-1	0.18	0.12	0.11	0.14	30.14	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	11-1	41.39	37.27	37.10	38.58	6.29	ppb
Boron	10-1	41.69	38.84	34.88	38.47	8.89	ppb
Cadmium	106-1	-1.43	-2.02	-2.05	-1.83		ppb
Cadmium	108-1	0.14	0.28	0.00	0.14	98.07	ppb
Cadmium	111-1	-0.06	-0.11	-0.11	-0.09		ppb
Calcium	43-1	7.75	8.49	8.47	8.24	5.13	ppb
Calcium	44-1	9.20	8.34	8.43	8.65	5.45	ppb
Chromium	52-2	0.04	0.05	0.08	0.06	38.89	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	19.58	ppb
Copper	63-2	0.44	0.51	0.43	0.46	9.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				91		%
Indium	115-1				89		%
Indium	115-2				87		%
Iron	56-2	2.46	2.54	2.66	2.55	3.84	ppb
Iron	57-2	1.62	2.35	3.00	2.32	29.66	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.05	0.11	0.08	39.22	ppb
Lead	207-1	0.08	0.04	0.09	0.07	41.04	ppb
Lead	208-1	0.07	0.05	0.09	0.07	23.86	ppb
Lithium	6-1				78		%
Magnesium	24-2	4.76	4.77	3.81	4.45	12.36	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCB69 Instrumnet Name : P7
 Client Sample ID : CCB69 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:36:58 DataFile Name : 032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.04	0.03	0.04	30.81	ppb
Molybdenum	94-1	0.49	0.32	0.30	0.37	27.86	ppb
Molybdenum	95-1	0.44	0.42	0.40	0.42	5.02	ppb
Molybdenum	96-1	0.32	0.40	0.37	0.37	11.22	ppb
Molybdenum	97-1	0.33	0.60	0.38	0.44	32.71	ppb
Molybdenum	98-1	0.47	0.40	0.40	0.42	9.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	0.02	-0.06	-0.04		ppb
Phosphorus	31-2	-29.60	-33.50	-25.95	-29.69		ppb
Potassium	39-2	0.43	-1.19	2.09	0.45	367.69	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				80		%
Scandium	45-2				80		%
Selenium	77-2	0.86	0.85	0.00	0.57	86.60	ppb
Selenium	78-2	0.35	-1.66	0.17	-0.38		ppb
Selenium	82-1	0.95	0.50	0.83	0.76	30.85	ppb
Silicon	28-1	2.84	2.27	1.52	2.21	29.93	ppb
Silver	109-1	0.07	0.06	0.06	0.06	8.83	ppb
Silver	107-1	0.08	0.06	0.07	0.07	14.63	ppb
Sodium	23-2	38.09	38.50	36.11	37.57	3.41	ppb
Strontium	86-1	-0.02	0.02	0.02	0.01	221.92	ppb
Strontium	88-1	0.05	0.03	0.03	0.04	23.50	ppb
Sulfur	34-1	-647.60	-543.38	-545.06	-578.68		ppb
Terbium	159-1				94		%
Terbium	159-2				90		%
Thallium	203-1	0.05	0.04	0.03	0.04	22.92	ppb
Thallium	205-1	0.07	0.06	0.05	0.06	15.96	ppb
Thorium	232-1	0.08	0.07	0.07	0.07	7.93	ppb
Tin	118-1	0.14	0.14	0.10	0.13	20.33	ppb
Titanium	47-1	0.06	0.19	0.18	0.14	50.71	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	46.48	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	18.15	ppb
Yttrium	89-1				85		%
Yttrium	89-2				85		%

LB Number :	LB103342	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2019-06-11 16:36:58	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.11	-0.04	-0.01	0.02	367.19	ppb
Zirconium	90-1	0.05	0.04	0.03	0.04	17.80	ppb
Zirconium	91-1	0.03	0.06	0.04	0.04	35.37	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:49:18 DataFile Name : 035LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.62	17.78	20.78	19.40	7.78	ppb
Antimony	121-1	1.93	1.87	1.91	1.91	1.58	ppb
Arsenic	75-2	0.71	1.04	1.10	0.95	22.21	ppb
Barium	135-1	10.29	9.80	10.06	10.05	2.45	ppb
Barium	137-1	10.16	10.05	9.88	10.03	1.39	ppb
Beryllium	9-1	1.02	1.02	1.08	1.04	3.46	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	11-1	35.92	36.78	37.59	36.76	2.27	ppb
Boron	10-1	34.82	36.48	37.48	36.26	3.70	ppb
Cadmium	106-1	0.64	-1.30	1.68	0.34	443.06	ppb
Cadmium	108-1	1.09	0.91	1.04	1.02	8.93	ppb
Cadmium	111-1	1.02	0.73	1.10	0.95	20.64	ppb
Calcium	43-1	486.39	483.53	502.08	490.67	2.04	ppb
Calcium	44-1	484.07	474.18	481.38	479.88	1.07	ppb
Chromium	52-2	1.96	1.97	2.09	2.01	3.52	ppb
Cobalt	59-2	0.97	0.97	1.00	0.98	1.71	ppb
Copper	63-2	2.23	2.22	2.15	2.20	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				94		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	58.47	58.72	59.57	58.92	0.98	ppb
Iron	57-2	60.70	58.57	61.59	60.29	2.58	ppb
Krypton	83-1						cps
Lead	206-1	1.01	1.03	0.92	0.99	6.22	ppb
Lead	207-1	1.07	0.93	0.91	0.97	8.95	ppb
Lead	208-1	0.99	0.97	0.94	0.97	2.60	ppb
Lithium	6-1				85		%
Magnesium	24-2	484.59	501.40	503.92	496.63	2.12	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:49:18 DataFile Name : 035LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.92	0.98	1.01	0.97	4.66	ppb
Molybdenum	94-1	4.69	4.83	4.91	4.81	2.23	ppb
Molybdenum	95-1	5.25	5.08	4.88	5.07	3.64	ppb
Molybdenum	96-1	5.08	5.23	4.91	5.07	3.17	ppb
Molybdenum	97-1	4.91	5.19	4.73	4.95	4.70	ppb
Molybdenum	98-1	5.21	5.16	5.09	5.15	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.01	0.96	0.99	3.01	ppb
Phosphorus	31-2	8.34	22.56	1.32	10.74	100.74	ppb
Potassium	39-2	471.05	464.20	474.94	470.06	1.16	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	77-2	1.60	3.98	5.59	3.72	53.89	ppb
Selenium	78-2	2.33	5.36	4.06	3.92	38.76	ppb
Selenium	82-1	5.67	5.61	5.65	5.64	0.58	ppb
Silicon	28-1	6.34	7.44	6.78	6.85	8.08	ppb
Silver	109-1	1.07	1.08	1.06	1.07	1.14	ppb
Silver	107-1	1.08	1.11	1.03	1.07	3.67	ppb
Sodium	23-2	446.08	445.40	437.60	443.03	1.06	ppb
Strontium	86-1	0.89	0.91	0.81	0.87	6.16	ppb
Strontium	88-1	0.92	0.94	0.98	0.94	3.18	ppb
Sulfur	34-1	-215.94	-261.28	-290.33	-255.85		ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	0.90	0.98	0.98	0.95	5.15	ppb
Thallium	205-1	0.97	0.91	0.91	0.93	3.30	ppb
Thorium	232-1	0.82	0.83	0.85	0.83	1.34	ppb
Tin	118-1	5.15	5.31	5.04	5.17	2.66	ppb
Titanium	47-1	5.54	4.99	5.00	5.18	6.06	ppb
Uranium	238-1	0.87	0.85	0.88	0.87	1.74	ppb
Vanadium	51-2	5.01	5.23	4.99	5.07	2.63	ppb
Yttrium	89-1				90		%
Yttrium	89-2				90		%

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:49:18 DataFile Name : 035LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.98	2.33	1.83	2.05	12.65	ppb
Zirconium	90-1	0.93	0.93	0.94	0.94	0.82	ppb
Zirconium	91-1	0.94	0.83	0.77	0.85	10.44	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCV70 Instrumnet Name : P7
 Client Sample ID : CCV70 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:52:56 DataFile Name : 036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51839.84	51364.00	52560.11	51921.32	1.16	ppb
Antimony	121-1	504.12	508.87	506.23	506.41	0.47	ppb
Arsenic	75-2	498.02	498.06	495.93	497.34	0.25	ppb
Barium	135-1	2559.94	2582.19	2554.71	2565.61	0.57	ppb
Barium	137-1	2550.13	2591.37	2581.10	2574.20	0.83	ppb
Beryllium	9-1	512.63	520.30	509.93	514.28	1.05	ppb
Bismuth	209-1				82		%
Bismuth	209-2				80		%
Boron	11-1	486.21	503.77	499.75	496.58	1.85	ppb
Boron	10-1	488.72	490.51	495.11	491.45	0.67	ppb
Cadmium	106-1	496.01	510.11	501.78	502.64	1.41	ppb
Cadmium	108-1	504.90	502.27	500.21	502.46	0.47	ppb
Cadmium	111-1	500.10	500.53	502.43	501.02	0.25	ppb
Calcium	43-1	246331.19	250856.46	246105.99	247764.55	1.08	ppb
Calcium	44-1	244583.48	247248.39	245225.25	245685.70	0.57	ppb
Chromium	52-2	498.46	489.91	501.34	496.57	1.20	ppb
Cobalt	59-2	491.90	484.52	494.80	490.41	1.08	ppb
Copper	63-2	943.51	927.41	953.47	941.47	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				88		%
Indium	115-1				77		%
Indium	115-2				79		%
Iron	56-2	128474.21	125708.57	128328.26	127503.68	1.22	ppb
Iron	57-2	129054.80	126623.94	130668.34	128782.36	1.58	ppb
Krypton	83-1						cps
Lead	206-1	522.60	531.69	525.21	526.50	0.89	ppb
Lead	207-1	518.68	530.76	519.05	522.83	1.31	ppb
Lead	208-1	516.11	527.24	518.22	520.52	1.13	ppb
Lithium	6-1				76		%
Magnesium	24-2	241657.44	238508.79	244956.12	241707.45	1.33	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCV70 Instrumnet Name : P7
 Client Sample ID : CCV70 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:52:56 DataFile Name : 036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	974.40	957.73	980.89	971.01	1.23	ppb
Molybdenum	94-1	2548.67	2581.47	2539.90	2556.68	0.86	ppb
Molybdenum	95-1	2562.34	2600.23	2571.24	2577.94	0.77	ppb
Molybdenum	96-1	2573.39	2608.05	2573.53	2584.99	0.77	ppb
Molybdenum	97-1	2539.31	2569.91	2537.02	2548.75	0.72	ppb
Molybdenum	98-1	2589.67	2617.47	2568.17	2591.77	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.27	475.99	489.35	485.54	1.71	ppb
Phosphorus	31-2	9341.61	9271.17	9386.13	9332.97	0.62	ppb
Potassium	39-2	124395.92	122883.29	125329.91	124203.04	0.99	ppb
Rhodium	103-1				71		%
Rhodium	103-2				74		%
Scandium	45-1				75		%
Scandium	45-2				79		%
Selenium	77-2	479.66	498.73	511.69	496.69	3.24	ppb
Selenium	78-2	504.54	496.98	507.93	503.15	1.11	ppb
Selenium	82-1	499.18	515.41	503.82	506.14	1.65	ppb
Silicon	28-1	508.45	517.48	519.44	515.12	1.14	ppb
Silver	109-1	500.97	497.94	502.44	500.45	0.46	ppb
Silver	107-1	497.87	498.50	496.92	497.76	0.16	ppb
Sodium	23-2	243401.18	239897.43	246241.17	243179.93	1.31	ppb
Strontium	86-1	508.08	515.66	505.45	509.73	1.04	ppb
Strontium	88-1	509.03	516.24	510.99	512.09	0.73	ppb
Sulfur	34-1	10447.77	10400.98	10218.55	10355.77	1.17	ppb
Terbium	159-1				88		%
Terbium	159-2				87		%
Thallium	203-1	519.30	523.07	522.64	521.67	0.40	ppb
Thallium	205-1	524.96	536.04	528.14	529.71	1.08	ppb
Thorium	232-1	538.61	543.63	539.29	540.51	0.50	ppb
Tin	118-1	509.46	511.87	510.14	510.49	0.24	ppb
Titanium	47-1	2576.55	2604.41	2562.08	2581.01	0.83	ppb
Uranium	238-1	529.49	534.55	532.43	532.16	0.48	ppb
Vanadium	51-2	497.90	490.29	500.93	496.37	1.10	ppb
Yttrium	89-1				78		%
Yttrium	89-2				81		%

LB Number : LB103342 Operator : Jaswal
Lab Sample ID : CCV70 Instrumnet Name : P7
Client Sample ID : CCV70 Dilution Factor : 1
Date & Time Acquired :: 2019-06-11 16:52:56 DataFile Name : 036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1016.91	1000.12	1021.60	1012.88	1.12	ppb
Zirconium	90-1	511.21	516.90	508.99	512.36	0.80	ppb
Zirconium	91-1	516.63	524.01	515.76	518.80	0.87	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCB70 Instrumnet Name : P7
 Client Sample ID : CCB70 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 17:02:06 DataFile Name : 037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.21	-0.33	0.70	0.20	262.95	ppb
Antimony	121-1	0.12	0.16	0.15	0.14	15.85	ppb
Arsenic	75-2	-0.03	0.04	-0.03	0.00		ppb
Barium	135-1	0.01	0.02	-0.01	0.00	350.13	ppb
Barium	137-1	0.03	0.00	0.01	0.01	83.05	ppb
Beryllium	9-1	0.07	0.07	0.09	0.08	15.58	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	11-1	12.32	12.39	12.36	12.35	0.29	ppb
Boron	10-1	12.28	13.68	11.86	12.61	7.54	ppb
Cadmium	106-1	-0.74	1.31	-2.18	-0.53		ppb
Cadmium	108-1	0.00	0.00	0.14	0.05	164.96	ppb
Cadmium	111-1	-0.03	0.13	-0.18	-0.03		ppb
Calcium	43-1	2.27	-0.03	5.80	2.68	109.66	ppb
Calcium	44-1	2.70	2.18	2.57	2.48	10.94	ppb
Chromium	52-2	0.00	0.02	0.04	0.02	91.74	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.14	0.18	0.17	0.16	12.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				94		%
Indium	115-1				92		%
Indium	115-2				93		%
Iron	56-2	1.42	1.48	1.42	1.44	2.34	ppb
Iron	57-2	0.33	1.60	2.77	1.57	78.02	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.03	0.04	24.09	ppb
Lead	207-1	0.03	0.02	0.04	0.03	38.83	ppb
Lead	208-1	0.03	0.02	0.03	0.03	14.82	ppb
Lithium	6-1				86		%
Magnesium	24-2	2.22	2.84	0.71	1.92	56.93	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCB70 Instrumnet Name : P7
 Client Sample ID : CCB70 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 17:02:06 DataFile Name : 037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.04	-0.01	0.01	374.83	ppb
Molybdenum	94-1	0.19	0.05	0.09	0.11	63.92	ppb
Molybdenum	95-1	0.14	0.09	0.13	0.12	21.58	ppb
Molybdenum	96-1	0.12	0.06	0.08	0.09	34.16	ppb
Molybdenum	97-1	0.17	0.11	0.06	0.11	49.84	ppb
Molybdenum	98-1	0.16	0.11	0.10	0.12	27.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.01	-0.04	-0.02		ppb
Phosphorus	31-2	-27.82	-35.09	-7.76	-23.55		ppb
Potassium	39-2	-0.23	-7.05	-5.40	-4.23		ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				87		%
Scandium	45-2				89		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.22	-0.38	-0.54	-0.38		ppb
Selenium	82-1	0.34	0.02	0.79	0.38	100.72	ppb
Silicon	28-1	-2.19	-2.13	-2.01	-2.11		ppb
Silver	109-1	0.02	0.01	0.01	0.01	48.90	ppb
Silver	107-1	0.02	0.02	0.02	0.02	13.18	ppb
Sodium	23-2	15.76	13.32	12.51	13.86	12.22	ppb
Strontium	86-1	0.01	0.00	0.00	0.00	122.04	ppb
Strontium	88-1	0.01	0.00	0.01	0.00	97.89	ppb
Sulfur	34-1	-343.29	-324.56	-310.86	-326.24		ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	0.05	0.05	0.05	0.05	6.77	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	8.16	ppb
Thorium	232-1	0.03	0.03	0.02	0.03	6.11	ppb
Tin	118-1	0.04	0.06	0.07	0.06	23.77	ppb
Titanium	47-1	0.04	0.08	0.05	0.06	38.21	ppb
Uranium	238-1	0.01	0.01	0.00	0.00	19.86	ppb
Vanadium	51-2	0.01	0.00	0.01	0.00	102.22	ppb
Yttrium	89-1				89		%
Yttrium	89-2				92		%

LB Number :	LB103342	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2019-06-11 17:02:06	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.16	0.04	0.03	-0.03		ppb
Zirconium	90-1	0.01	0.01	0.02	0.02	32.73	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	63.80	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : PB120351BL Instrumnet Name : P7
 Client Sample ID : PB120351BL Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 17:05:43 DataFile Name : 038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.50	-0.68	-0.33	-0.50		ppb
Antimony	121-1	0.05	0.05	0.03	0.04	22.45	ppb
Arsenic	75-2	-0.04	-0.01	-0.03	-0.03		ppb
Barium	135-1	-0.01	-0.03	-0.03	-0.03		ppb
Barium	137-1	0.00	-0.01	0.01	0.00	505.19	ppb
Beryllium	9-1	0.07	0.06	0.08	0.07	16.60	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	11-1	9.51	9.14	9.18	9.28	2.21	ppb
Boron	10-1	9.43	8.74	9.56	9.24	4.75	ppb
Cadmium	106-1	-0.85	-2.84	-0.12	-1.27		ppb
Cadmium	108-1	0.09	0.00	0.00	0.03	161.93	ppb
Cadmium	111-1	-0.06	-0.21	-0.01	-0.09		ppb
Calcium	43-1	1.66	-0.10	0.47	0.67	133.16	ppb
Calcium	44-1	-0.32	-0.88	-1.08	-0.76		ppb
Chromium	52-2	0.05	0.04	0.05	0.05	15.01	ppb
Cobalt	59-2	0.00	-0.01	0.00	-0.01		ppb
Copper	63-2	0.19	0.11	0.19	0.16	28.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				94		%
Indium	115-1				92		%
Indium	115-2				93		%
Iron	56-2	0.62	0.48	0.67	0.59	17.08	ppb
Iron	57-2	0.07	0.95	0.03	0.35	148.58	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.02	0.04	46.42	ppb
Lead	207-1	0.00	0.03	0.02	0.01	105.37	ppb
Lead	208-1	0.02	0.03	0.02	0.02	23.14	ppb
Lithium	6-1				87		%
Magnesium	24-2	0.74	1.07	1.04	0.95	19.22	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : PB120351BL Instrumnet Name : P7
 Client Sample ID : PB120351BL Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 17:05:43 DataFile Name : 038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	0.00	0.00	124.46	ppb
Molybdenum	94-1	0.08	0.07	0.03	0.06	42.20	ppb
Molybdenum	95-1	0.06	0.05	0.03	0.04	35.53	ppb
Molybdenum	96-1	0.06	0.03	0.06	0.05	36.31	ppb
Molybdenum	97-1	0.06	0.04	0.05	0.05	12.40	ppb
Molybdenum	98-1	0.03	0.05	0.05	0.04	18.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.02	-0.01	-0.03		ppb
Phosphorus	31-2	-35.14	-35.07	-14.46	-28.22		ppb
Potassium	39-2	-2.54	-2.77	-3.93	-3.08		ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.37	-0.90	-0.01	-0.43		ppb
Selenium	82-1	0.49	0.52	0.27	0.43	31.93	ppb
Silicon	28-1	-2.13	-2.47	-1.91	-2.17		ppb
Silver	109-1	0.01	0.00	0.01	0.01	42.08	ppb
Silver	107-1	0.01	0.03	0.01	0.02	85.21	ppb
Sodium	23-2	9.47	9.13	8.85	9.15	3.38	ppb
Strontium	86-1	0.02	0.04	0.00	0.02	98.31	ppb
Strontium	88-1	0.00	-0.01	-0.01	0.00		ppb
Sulfur	34-1	-224.05	-193.19	-202.17	-206.47		ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	0.02	0.03	0.02	0.03	7.03	ppb
Thallium	205-1	0.03	0.02	0.01	0.02	33.21	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	7.78	ppb
Tin	118-1	0.03	0.05	0.01	0.03	63.68	ppb
Titanium	47-1	-0.03	0.04	0.01	0.00	687.97	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	437.58	ppb
Yttrium	89-1				90		%
Yttrium	89-2				92		%

LB Number : LB103342 Operator : Jaswal
Lab Sample ID : PB120351BL Instrumnet Name : P7
Client Sample ID : PB120351BL Dilution Factor : 1
Date & Time Acquired :: 2019-06-11 17:05:43 DataFile Name : 038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.07	0.16	-0.08	0.05	232.90	ppb
Zirconium	90-1	0.03	0.02	0.01	0.02	64.43	ppb
Zirconium	91-1	0.04	-0.01	0.00	0.01	291.45	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCV71 Instrumnet Name : P7
 Client Sample ID : CCV71 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 17:09:20 DataFile Name : 039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51698.63	51441.56	51594.05	51578.08	0.25	ppb
Antimony	121-1	499.85	495.14	497.37	497.45	0.47	ppb
Arsenic	75-2	509.82	503.52	498.95	504.10	1.08	ppb
Barium	135-1	2542.18	2515.50	2534.03	2530.57	0.54	ppb
Barium	137-1	2542.72	2529.04	2556.64	2542.80	0.54	ppb
Beryllium	9-1	511.79	511.12	508.22	510.38	0.37	ppb
Bismuth	209-1				83		%
Bismuth	209-2				82		%
Boron	11-1	474.66	489.16	500.26	488.03	2.63	ppb
Boron	10-1	475.59	479.71	499.34	484.88	2.62	ppb
Cadmium	106-1	524.66	514.42	534.62	524.57	1.93	ppb
Cadmium	108-1	509.28	512.63	520.75	514.22	1.15	ppb
Cadmium	111-1	523.11	515.76	521.17	520.01	0.73	ppb
Calcium	43-1	244101.69	245938.00	243876.79	244638.83	0.46	ppb
Calcium	44-1	242216.48	242814.41	242702.11	242577.66	0.13	ppb
Chromium	52-2	490.33	487.00	497.10	491.48	1.05	ppb
Cobalt	59-2	485.02	483.91	483.98	484.30	0.13	ppb
Copper	63-2	964.43	963.36	968.94	965.58	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				90		%
Indium	115-1				80		%
Indium	115-2				81		%
Iron	56-2	126961.23	126474.43	126824.21	126753.29	0.20	ppb
Iron	57-2	127879.53	127472.99	128905.31	128085.94	0.58	ppb
Krypton	83-1						cps
Lead	206-1	523.11	519.72	519.07	520.63	0.42	ppb
Lead	207-1	522.70	518.81	518.24	519.92	0.47	ppb
Lead	208-1	518.58	512.86	513.35	514.93	0.62	ppb
Lithium	6-1				80		%
Magnesium	24-2	241448.01	240771.10	240779.87	240999.66	0.16	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCV71 Instrumnet Name : P7
 Client Sample ID : CCV71 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 17:09:20 DataFile Name : 039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	959.85	958.59	964.28	960.91	0.31	ppb
Molybdenum	94-1	2559.53	2523.31	2515.21	2532.68	0.93	ppb
Molybdenum	95-1	2583.95	2553.16	2543.30	2560.13	0.83	ppb
Molybdenum	96-1	2568.13	2568.54	2552.71	2563.13	0.35	ppb
Molybdenum	97-1	2557.86	2541.42	2510.00	2536.42	0.96	ppb
Molybdenum	98-1	2586.01	2570.12	2555.46	2570.53	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.60	478.65	477.43	478.89	0.33	ppb
Phosphorus	31-2	9815.85	9481.59	9448.93	9582.12	2.12	ppb
Potassium	39-2	123277.48	123194.02	123307.92	123259.81	0.05	ppb
Rhodium	103-1				73		%
Rhodium	103-2				77		%
Scandium	45-1				79		%
Scandium	45-2				82		%
Selenium	77-2	511.47	470.73	495.22	492.47	4.16	ppb
Selenium	78-2	513.32	514.77	496.94	508.35	1.95	ppb
Selenium	82-1	521.00	517.99	520.12	519.70	0.30	ppb
Silicon	28-1	523.72	540.54	542.71	535.66	1.94	ppb
Silver	109-1	517.95	509.89	514.72	514.18	0.79	ppb
Silver	107-1	516.60	510.82	510.87	512.76	0.65	ppb
Sodium	23-2	242684.33	241619.59	243891.84	242731.92	0.47	ppb
Strontium	86-1	507.05	501.52	500.67	503.08	0.69	ppb
Strontium	88-1	509.95	505.07	503.72	506.25	0.65	ppb
Sulfur	34-1	10248.99	10204.28	10140.63	10197.97	0.53	ppb
Terbium	159-1				90		%
Terbium	159-2				89		%
Thallium	203-1	521.95	512.06	512.32	515.44	1.09	ppb
Thallium	205-1	524.04	524.48	523.37	523.96	0.11	ppb
Thorium	232-1	536.77	529.81	531.49	532.69	0.68	ppb
Tin	118-1	508.47	501.87	507.14	505.83	0.69	ppb
Titanium	47-1	2565.67	2554.80	2566.37	2562.28	0.25	ppb
Uranium	238-1	531.41	520.68	522.02	524.70	1.11	ppb
Vanadium	51-2	491.08	489.90	492.45	491.14	0.26	ppb
Yttrium	89-1				81		%
Yttrium	89-2				84		%

LB Number :	LB103342	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrument Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2019-06-11 17:09:20	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	936.23	938.18	946.73	940.38	0.59	ppb
Zirconium	90-1	513.23	509.55	509.04	510.61	0.45	ppb
Zirconium	91-1	521.16	512.84	512.88	515.63	0.93	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCB71 Instrumnet Name : P7
 Client Sample ID : CCB71 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 17:18:42 DataFile Name : 040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.18	0.70	0.85	0.58	61.39	ppb
Antimony	121-1	0.14	0.16	0.14	0.14	7.98	ppb
Arsenic	75-2	0.00	-0.01	-0.03	-0.01		ppb
Barium	135-1	0.01	-0.01	0.01	0.00	248.33	ppb
Barium	137-1	0.02	0.03	0.06	0.04	52.96	ppb
Beryllium	9-1	0.07	0.08	0.08	0.07	5.79	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Boron	11-1	10.27	9.39	8.92	9.53	7.22	ppb
Boron	10-1	9.39	10.37	8.86	9.54	8.00	ppb
Cadmium	106-1	-1.39	-0.81	-2.57	-1.59		ppb
Cadmium	108-1	-0.04	0.05	0.09	0.03	223.37	ppb
Cadmium	111-1	-0.08	-0.05	-0.18	-0.10		ppb
Calcium	43-1	2.55	1.53	2.34	2.14	25.07	ppb
Calcium	44-1	1.65	2.51	2.47	2.21	21.99	ppb
Chromium	52-2	0.06	0.03	0.02	0.04	57.69	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	35.16	ppb
Copper	63-2	0.10	0.13	0.14	0.12	19.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				94		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	1.82	1.68	1.70	1.74	4.47	ppb
Iron	57-2	1.68	2.57	2.90	2.38	26.59	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.04	0.03	0.03	32.53	ppb
Lead	207-1	0.01	0.01	0.02	0.01	19.15	ppb
Lead	208-1	0.01	0.03	0.02	0.02	35.38	ppb
Lithium	6-1				92		%
Magnesium	24-2	2.66	4.27	2.95	3.29	26.10	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCB71 Instrumnet Name : P7
 Client Sample ID : CCB71 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 17:18:42 DataFile Name : 040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	0.02	0.01	130.01	ppb
Molybdenum	94-1	0.16	0.09	0.11	0.12	27.34	ppb
Molybdenum	95-1	0.12	0.14	0.12	0.13	9.09	ppb
Molybdenum	96-1	0.11	0.07	0.14	0.11	33.18	ppb
Molybdenum	97-1	0.11	0.07	0.10	0.09	19.11	ppb
Molybdenum	98-1	0.14	0.12	0.07	0.11	33.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.06	-0.02	-0.03		ppb
Phosphorus	31-2	-32.06	-18.07	-21.95	-24.03		ppb
Potassium	39-2	-0.73	-1.10	-4.86	-2.23		ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	77-2	0.78	0.00	0.00	0.26	173.21	ppb
Selenium	78-2	0.67	-0.77	0.13	0.01	13353.70	ppb
Selenium	82-1	0.36	0.26	0.67	0.43	49.84	ppb
Silicon	28-1	-2.90	-2.11	-3.73	-2.91		ppb
Silver	109-1	0.02	0.01	0.02	0.02	36.20	ppb
Silver	107-1	0.02	0.01	0.01	0.01	47.21	ppb
Sodium	23-2	13.78	14.41	14.57	14.26	2.94	ppb
Strontium	86-1	-0.02	0.07	0.02	0.02	189.54	ppb
Strontium	88-1	0.00	0.01	0.01	0.01	45.74	ppb
Sulfur	34-1	-190.10	-181.93	-547.51	-306.52		ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	0.05	0.04	0.03	0.04	31.22	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	14.36	ppb
Thorium	232-1	0.04	0.04	0.03	0.03	14.96	ppb
Tin	118-1	0.07	0.03	0.05	0.05	32.28	ppb
Titanium	47-1	0.03	0.01	0.04	0.03	63.47	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	42.18	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	26.24	ppb
Yttrium	89-1				93		%
Yttrium	89-2				92		%

LB Number :	LB103342	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2019-06-11 17:18:42	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.03	0.01	0.07	0.02	279.17	ppb
Zirconium	90-1	0.03	0.03	0.01	0.02	44.25	ppb
Zirconium	91-1	0.01	0.02	0.04	0.02	73.10	ppb

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 14:32:30 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	25	25	36	53.30	cps
Antimony	121-1	8	0	8	6	86.60	cps
Arsenic	75-2	7	7	9	8	13.31	cps
Barium	135-1	42	33	50	42	20.00	cps
Barium	137-1	17	33	25	25	33.32	cps
Beryllium	9-1	67	53	70	63	13.93	cps
Bismuth	209-1	5627878	5681306	5642045	5650409	0.49	cps
Bismuth	209-2	3999867	3991011	3965183	3985354	0.45	cps
Boron	11-1	758	658	833	750	11.71	cps
Boron	10-1	150	133	200	161	21.53	cps
Cadmium	106-1	3042	2734	2409	2728	11.61	cps
Cadmium	108-1	0	4	8	4	99.96	cps
Cadmium	111-1	2134	1911	1689	1911	11.65	cps
Calcium	43-1	50	83	42	58	37.80	cps
Calcium	44-1	2800	3201	3059	3020	6.72	cps
Chromium	52-2	347	387	363	366	5.50	cps
Cobalt	59-2	47	47	27	40	28.87	cps
Copper	63-2	253	260	283	266	5.93	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-2	7	20	13	13	49.99	cps
Erbium	164-1	33	25	33	31	15.74	cps
Gadolinium	160-1	50	25	25	33	43.30	cps
Gadolinium	160-2	170	163	177	170	3.92	cps
Holmium	165-1	8240044	8297809	8181695	8239849	0.70	cps
Holmium	165-2	5076218	5047765	4993980	5039321	0.83	cps
Indium	115-1	5872576	5891505	5817626	5860569	0.65	cps
Indium	115-2	1349842	1342957	1332257	1341685	0.66	cps
Iron	56-2	1617	1722	1589	1643	4.28	cps
Iron	57-2	83	111	61	85	29.41	cps
Krypton	83-1	190	177	167	178	6.58	cps
Lead	206-1	406	289	439	378	20.85	cps
Lead	207-1	389	372	439	400	8.67	cps
Lead	208-1	1672	1589	1911	1724	9.70	cps
Lithium	6-1	2516923	2525790	2505393	2516035	0.41	cps
Magnesium	24-2	150	67	58	92	55.30	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 14:32:30 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	30	50	38	28.37	cps
Molybdenum	94-1	117	167	150	144	17.63	cps
Molybdenum	95-1	25	67	42	44	47.19	cps
Molybdenum	96-1	75	83	100	86	14.78	cps
Molybdenum	97-1	42	42	17	33	43.30	cps
Molybdenum	98-1	67	75	92	78	16.37	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	60	67	67	10.00	cps
Phosphorus	31-2	17	83	58	53	63.81	cps
Potassium	39-2	8294	8753	8811	8620	3.28	cps
Rhodium	103-1	5365987	5393851	5323647	5361162	0.66	cps
Rhodium	103-2	2695340	2677541	2656657	2676513	0.72	cps
Scandium	45-1	4046460	4025939	3994892	4022430	0.65	cps
Scandium	45-2	176149	175637	174983	175590	0.33	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	37	24	32	21.85	cps
Selenium	82-1	-31	4	5	-7	-272.98	cps
Silicon	28-1	104682	104707	105453	104947	0.42	cps
Silver	109-1	17	42	25	28	45.82	cps
Silver	107-1	75	50	75	67	21.65	cps
Sodium	23-2	1592	1717	1675	1661	3.83	cps
Strontium	86-1	200	217	317	244	25.81	cps
Strontium	88-1	92	192	108	131	41.03	cps
Sulfur	34-1	196951	199496	195870	197439	0.94	cps
Terbium	159-1	8555224	8569892	8421186	8515434	0.96	cps
Terbium	159-2	4980388	4960833	4928456	4956559	0.53	cps
Thallium	203-1	100	100	33	78	49.49	cps
Thallium	205-1	217	200	175	197	10.63	cps
Thorium	232-1	78	111	72	87	24.17	cps
Tin	118-1	233	217	225	225	3.70	cps
Titanium	47-1	42	33	75	50	44.10	cps
Uranium	238-1	67	92	100	86	20.15	cps
Vanadium	51-2	3	7	3	4	43.40	cps
Yttrium	89-1	6417605	6393587	6356832	6389341	0.48	cps
Yttrium	89-2	1002794	998907	991722	997807	0.56	cps

LB Number : LB103342 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired :: 2019-06-11 14:32:30 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	107	113	83	101	15.58	cps
Zirconium	90-1	358	392	442	397	10.56	cps
Zirconium	91-1	108	83	75	89	19.52	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 14:40:27 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1033	1008	992	1011	2.07	cps
Antimony	121-1	9062	8695	9012	8923	2.23	cps
Arsenic	75-2	200	181	148	177	14.88	cps
Barium	135-1	12606	12865	13173	12881	2.20	cps
Barium	137-1	22987	22477	22043	22502	2.10	cps
Beryllium	9-1	1287	1313	1313	1305	1.18	cps
Bismuth	209-1	5754522	5648187	5291579	5564762	4.36	cps
Bismuth	209-2	4044931	4077553	4082899	4068461	0.51	cps
Boron	11-1	20857	21374	21566	21266	1.73	cps
Boron	10-1	4909	4709	5018	4879	3.21	cps
Cadmium	106-1	3084	2934	2700	2906	6.65	cps
Cadmium	108-1	71	100	146	106	35.82	cps
Cadmium	111-1	3292	3188	3126	3202	2.63	cps
Calcium	43-1	8269	7886	8603	8253	4.35	cps
Calcium	44-1	135415	137190	138702	137102	1.20	cps
Chromium	52-2	3224	3377	3017	3206	5.64	cps
Cobalt	59-2	2160	2294	2290	2248	3.38	cps
Copper	63-2	3130	3164	3280	3192	2.47	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-2	7	20	17	14	48.02	cps
Erbium	164-1	0	8	17	8	100.02	cps
Gadolinium	160-1	25	17	25	22	21.64	cps
Gadolinium	160-2	160	170	180	170	5.88	cps
Holmium	165-1	8443405	8289538	7741320	8158088	4.52	cps
Holmium	165-2	5062460	5106170	5085984	5084871	0.43	cps
Indium	115-1	6054891	5919273	5560763	5844976	4.37	cps
Indium	115-2	1365543	1379488	1372575	1372535	0.51	cps
Iron	56-2	66779	66115	66239	66378	0.53	cps
Iron	57-2	1900	1911	1811	1874	2.93	cps
Krypton	83-1	110	170	167	149	22.65	cps
Lead	206-1	5051	4757	4862	4890	3.05	cps
Lead	207-1	4518	4145	4334	4332	4.30	cps
Lead	208-1	20229	19289	19428	19649	2.58	cps
Lithium	6-1	2653548	2599785	2460166	2571166	3.88	cps
Magnesium	24-2	60966	60339	59167	60157	1.52	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 14:40:27 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	973	1043	983	1000	3.79	cps
Molybdenum	94-1	10671	10287	10254	10404	2.23	cps
Molybdenum	95-1	12398	12247	12606	12417	1.45	cps
Molybdenum	96-1	13799	13874	14183	13952	1.46	cps
Molybdenum	97-1	7886	7544	7536	7655	2.61	cps
Molybdenum	98-1	20374	20232	20607	20404	0.93	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	653	583	600	612	5.97	cps
Phosphorus	31-2	258	242	150	217	26.92	cps
Potassium	39-2	65261	66391	65253	65635	1.00	cps
Rhodium	103-1	5479393	5342374	5025133	5282300	4.41	cps
Rhodium	103-2	2733453	2745535	2760572	2746520	0.49	cps
Scandium	45-1	4227749	4173069	3861010	4087276	4.84	cps
Scandium	45-2	182171	182049	184294	182838	0.69	cps
Selenium	77-2	23	27	40	30	29.40	cps
Selenium	78-2	107	107	109	108	0.99	cps
Selenium	82-1	579	502	530	537	7.29	cps
Silicon	28-1	141756	140917	141496	141389	0.30	cps
Silver	109-1	6002	5743	5718	5821	2.70	cps
Silver	107-1	5776	5868	6060	5901	2.45	cps
Sodium	23-2	112922	111621	111948	112164	0.60	cps
Strontium	86-1	1967	1759	1984	1903	6.59	cps
Strontium	88-1	14007	13916	14174	14032	0.93	cps
Sulfur	34-1	210306	207543	211936	209928	1.06	cps
Terbium	159-1	8748142	8578337	8011738	8446072	4.57	cps
Terbium	159-2	4944454	5002564	5017847	4988288	0.78	cps
Thallium	203-1	5193	5768	5335	5432	5.52	cps
Thallium	205-1	13065	13566	13265	13299	1.89	cps
Thorium	232-1	19148	19949	19815	19637	2.19	cps
Tin	118-1	21083	21859	20507	21150	3.21	cps
Titanium	47-1	3717	3684	3926	3776	3.47	cps
Uranium	238-1	19324	19949	19549	19607	1.62	cps
Vanadium	51-2	6195	5955	6131	6094	2.04	cps
Yttrium	89-1	6543860	6391443	6027056	6320786	4.20	cps
Yttrium	89-2	1019400	1022432	1033756	1025196	0.74	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 14:40:27 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	657	600	643	633	4.68	cps
Zirconium	90-1	8595	8620	8503	8572	0.72	cps
Zirconium	91-1	1817	1875	1784	1825	2.54	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 14:44:23 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55169	54827	54416	54804	0.69	cps
Antimony	121-1	253967	254448	253288	253901	0.23	cps
Arsenic	75-2	8149	8345	8252	8249	1.19	cps
Barium	135-1	346386	347223	348086	347232	0.24	cps
Barium	137-1	602381	602782	598599	601254	0.38	cps
Beryllium	9-1	71926	71839	70302	71355	1.28	cps
Bismuth	209-1	5751460	5750802	4923212	5475158	8.73	cps
Bismuth	209-2	4048895	4051993	4064443	4055110	0.20	cps
Boron	11-1	46824	45813	45771	46136	1.29	cps
Boron	10-1	10271	11029	10612	10637	3.57	cps
Cadmium	106-1	11380	11238	11121	11247	1.15	cps
Cadmium	108-1	5397	5305	5868	5523	5.47	cps
Cadmium	111-1	73989	72346	72946	73094	1.14	cps
Calcium	43-1	90686	87383	87517	88529	2.11	cps
Calcium	44-1	1446437	1441016	1442251	1443234	0.20	cps
Chromium	52-2	77918	78732	78544	78398	0.54	cps
Cobalt	59-2	118631	118389	118614	118545	0.11	cps
Copper	63-2	155610	156021	156485	156039	0.28	cps
Dysprosium	156-1	0	17	33	17	99.99	cps
Dysprosium	156-2	13	3	3	7	86.65	cps
Erbium	164-2	10	10	10	10	0.00	cps
Erbium	164-1	17	17	17	17	0.00	cps
Gadolinium	160-1	25	33	33	31	15.74	cps
Gadolinium	160-2	163	187	150	167	11.14	cps
Holmium	165-1	8470270	8483696	7318878	8090948	8.26	cps
Holmium	165-2	5079718	5071676	5089840	5080411	0.18	cps
Indium	115-1	6027293	6004607	5134382	5722094	8.90	cps
Indium	115-2	1355800	1355514	1360430	1357248	0.20	cps
Iron	56-2	3282196	3317916	3315571	3305228	0.60	cps
Iron	57-2	82022	84771	84436	83743	1.79	cps
Krypton	83-1	140	100	200	147	34.32	cps
Lead	206-1	243120	244433	243530	243694	0.28	cps
Lead	207-1	220255	221525	221948	221243	0.40	cps
Lead	208-1	993457	994720	993315	993831	0.08	cps
Lithium	6-1	2641301	2631053	2307889	2526748	7.50	cps
Magnesium	24-2	622363	623697	627569	624543	0.43	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 14:44:23 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	97667	97584	97456	97569	0.11	cps
Molybdenum	94-1	534277	537136	534476	535296	0.30	cps
Molybdenum	95-1	652583	654467	653457	653503	0.14	cps
Molybdenum	96-1	724418	723776	729094	725763	0.40	cps
Molybdenum	97-1	410847	405724	410108	408893	0.68	cps
Molybdenum	98-1	1051071	1051839	1047929	1050280	0.20	cps
Neodymium	150-1	60	40	47	49	20.83	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	30064	29951	30492	30169	0.95	cps
Phosphorus	31-2	2775	2900	2859	2845	2.24	cps
Potassium	39-2	318519	321878	322851	321083	0.71	cps
Rhodium	103-1	5396085	5368080	4656717	5140294	8.15	cps
Rhodium	103-2	2705085	2708366	2720452	2711301	0.30	cps
Scandium	45-1	4183262	4169232	3607417	3986637	8.24	cps
Scandium	45-2	179839	182627	183129	181865	0.97	cps
Selenium	77-2	233	227	250	237	5.08	cps
Selenium	78-2	867	843	883	864	2.37	cps
Selenium	82-1	5096	5158	5007	5087	1.49	cps
Silicon	28-1	300750	301051	300608	300803	0.08	cps
Silver	109-1	311386	311412	309504	310767	0.35	cps
Silver	107-1	322340	323262	319490	321697	0.61	cps
Sodium	23-2	1210980	1211289	1205703	1209324	0.26	cps
Strontium	86-1	87114	89511	90359	88995	1.89	cps
Strontium	88-1	781276	775967	775379	777541	0.42	cps
Sulfur	34-1	243135	243788	241748	242890	0.43	cps
Terbium	159-1	8791092	8758415	7558791	8369433	8.39	cps
Terbium	159-2	5007211	4985390	4998901	4997167	0.22	cps
Thallium	203-1	298606	300263	300652	299840	0.36	cps
Thallium	205-1	716650	714621	714707	715326	0.16	cps
Thorium	232-1	1136093	1134964	1121621	1130893	0.71	cps
Tin	118-1	225936	222871	223711	224173	0.71	cps
Titanium	47-1	192994	192219	190404	191872	0.69	cps
Uranium	238-1	1058904	1064938	1051362	1058401	0.64	cps
Vanadium	51-2	63586	64547	63252	63795	1.05	cps
Yttrium	89-1	6480084	6490661	5575311	6182018	8.50	cps
Yttrium	89-2	1016534	1017616	1014946	1016365	0.13	cps

LB Number : LB103342 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired :: 2019-06-11 14:44:23 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	25436	25950	25519	25635	1.08	cps
Zirconium	90-1	452606	453152	451907	452555	0.14	cps
Zirconium	91-1	100812	101500	100325	100879	0.59	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 14:48:20 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	134997	133433	131701	133377	1.24	cps
Antimony	121-1	656216	651841	646120	651392	0.78	cps
Arsenic	75-2	20029	19843	19521	19797	1.30	cps
Barium	135-1	884971	889258	877340	883856	0.68	cps
Barium	137-1	1530048	1527589	1518484	1525374	0.40	cps
Beryllium	9-1	178730	176835	176200	177255	0.74	cps
Bismuth	209-1	5678463	5720601	5684809	5694624	0.40	cps
Bismuth	209-2	3784619	4015154	4051715	3950496	3.67	cps
Boron	11-1	112878	114490	115716	114361	1.24	cps
Boron	10-1	25973	26098	26274	26115	0.58	cps
Cadmium	106-1	22510	23312	22777	22866	1.78	cps
Cadmium	108-1	13924	14549	14537	14337	2.49	cps
Cadmium	111-1	180585	180872	177849	179769	0.93	cps
Calcium	43-1	222550	225182	217781	221838	1.69	cps
Calcium	44-1	3595940	3582848	3541811	3573533	0.79	cps
Chromium	52-2	188592	187764	184886	187081	1.04	cps
Cobalt	59-2	285988	285621	279269	283626	1.33	cps
Copper	63-2	379330	379610	372138	377026	1.12	cps
Dysprosium	156-1	25	42	33	33	25.01	cps
Dysprosium	156-2	27	23	27	26	7.55	cps
Erbium	164-2	7	10	13	10	33.30	cps
Erbium	164-1	25	33	75	44	60.28	cps
Gadolinium	160-1	33	17	50	33	50.00	cps
Gadolinium	160-2	137	247	177	187	29.83	cps
Holmium	165-1	8420488	8433782	8439544	8431271	0.12	cps
Holmium	165-2	4795899	5008848	5081429	4962058	2.99	cps
Indium	115-1	5828653	5807297	5808203	5814717	0.21	cps
Indium	115-2	1241539	1303121	1319559	1288073	3.19	cps
Iron	56-2	7907340	7868639	7722509	7832830	1.24	cps
Iron	57-2	201490	201498	198902	200630	0.75	cps
Krypton	83-1	163	130	200	164	21.29	cps
Lead	206-1	633185	634447	629758	632463	0.38	cps
Lead	207-1	566558	576229	571091	571293	0.85	cps
Lead	208-1	2553460	2583001	2552251	2562904	0.68	cps
Lithium	6-1	2568392	2561335	2543977	2557902	0.49	cps
Magnesium	24-2	1543105	1536588	1504417	1528037	1.36	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 14:48:20 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	243490	242055	236950	240831	1.43	cps
Molybdenum	94-1	1353906	1361110	1333699	1349572	1.05	cps
Molybdenum	95-1	1647971	1646699	1629598	1641423	0.63	cps
Molybdenum	96-1	1840201	1827512	1803813	1823842	1.01	cps
Molybdenum	97-1	1033137	1020692	1017719	1023849	0.80	cps
Molybdenum	98-1	2651114	2643599	2634482	2643065	0.32	cps
Neodymium	150-1	60	60	93	71	27.07	cps
Neodymium	150-2	7	13	0	7	99.98	cps
Nickel	60-2	71935	71842	71409	71729	0.39	cps
Phosphorus	31-2	6777	6952	6802	6844	1.38	cps
Potassium	39-2	761051	757359	746145	754851	1.03	cps
Rhodium	103-1	5182580	5148427	5143970	5158326	0.41	cps
Rhodium	103-2	2451844	2566741	2603950	2540845	3.12	cps
Scandium	45-1	4046721	4037792	4014021	4032844	0.42	cps
Scandium	45-2	163911	173712	173088	170237	3.22	cps
Selenium	77-2	663	487	557	569	15.64	cps
Selenium	78-2	2148	2030	1987	2055	4.06	cps
Selenium	82-1	12720	12742	12737	12733	0.09	cps
Silicon	28-1	573213	568880	562777	568290	0.92	cps
Silver	109-1	772047	771142	769180	770790	0.19	cps
Silver	107-1	808128	811230	793034	804131	1.21	cps
Sodium	23-2	2959127	2946497	2892851	2932825	1.20	cps
Strontium	86-1	221254	223063	220347	221555	0.62	cps
Strontium	88-1	1938741	1923646	1904187	1922191	0.90	cps
Sulfur	34-1	281310	277021	275494	277942	1.08	cps
Terbium	159-1	8712759	8748417	8691600	8717592	0.33	cps
Terbium	159-2	4659513	4905525	4929431	4831490	3.09	cps
Thallium	203-1	768883	771819	776609	772437	0.50	cps
Thallium	205-1	1836861	1861887	1843679	1847476	0.70	cps
Thorium	232-1	2950861	2959196	2937040	2949032	0.38	cps
Tin	118-1	563527	559313	560669	561170	0.38	cps
Titanium	47-1	483367	478391	473657	478472	1.01	cps
Uranium	238-1	2895072	2909172	2891103	2898449	0.33	cps
Vanadium	51-2	153158	152333	150319	151937	0.96	cps
Yttrium	89-1	6314035	6261924	6239134	6271698	0.61	cps
Yttrium	89-2	924343	971562	980464	958790	3.15	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 14:48:20 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	63829	63243	62306	63126	1.22	cps
Zirconium	90-1	1154961	1145968	1130320	1143750	1.09	cps
Zirconium	91-1	259604	258892	255187	257895	0.92	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 14:52:13 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	237717	240023	239319	239020	0.49	cps
Antimony	121-1	1214735	1216930	1196345	1209337	0.93	cps
Arsenic	75-2	34650	34951	35003	34868	0.55	cps
Barium	135-1	1623305	1633801	1615834	1624313	0.56	cps
Barium	137-1	2804323	2828262	2797097	2809894	0.58	cps
Beryllium	9-1	319518	320098	313426	317681	1.16	cps
Bismuth	209-1	5509942	5530102	5473579	5504541	0.52	cps
Bismuth	209-2	3747866	3729378	3786000	3754415	0.77	cps
Boron	11-1	202196	205539	208193	205309	1.46	cps
Boron	10-1	47325	47425	47158	47303	0.29	cps
Cadmium	106-1	39999	39974	39172	39715	1.18	cps
Cadmium	108-1	25390	25636	25348	25458	0.61	cps
Cadmium	111-1	330828	327334	324622	327595	0.95	cps
Calcium	43-1	396587	393354	388439	392793	1.04	cps
Calcium	44-1	6339445	6343682	6241121	6308083	0.92	cps
Chromium	52-2	331008	330412	328426	329949	0.41	cps
Cobalt	59-2	502214	499528	499528	500423	0.31	cps
Copper	63-2	650228	649569	648708	649502	0.12	cps
Dysprosium	156-1	67	8	42	39	75.26	cps
Dysprosium	156-2	47	50	67	54	19.68	cps
Erbium	164-2	7	13	20	13	49.99	cps
Erbium	164-1	42	42	25	36	26.65	cps
Gadolinium	160-1	33	17	17	22	43.28	cps
Gadolinium	160-2	173	120	150	148	18.09	cps
Holmium	165-1	8115482	8197780	8071350	8128204	0.79	cps
Holmium	165-2	4729899	4690524	4727343	4715922	0.47	cps
Indium	115-1	5367577	5399823	5311508	5359636	0.83	cps
Indium	115-2	1179077	1175572	1189815	1181488	0.63	cps
Iron	56-2	13943677	13939878	13845694	13909750	0.40	cps
Iron	57-2	354936	355736	354648	355107	0.16	cps
Krypton	83-1	150	110	157	139	18.17	cps
Lead	206-1	1216989	1226237	1204696	1215974	0.89	cps
Lead	207-1	1099548	1104094	1084908	1096183	0.91	cps
Lead	208-1	4922480	4946873	4896309	4921887	0.51	cps
Lithium	6-1	2347487	2350789	2316782	2338353	0.80	cps
Magnesium	24-2	2708631	2711963	2701865	2707486	0.19	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 14:52:13 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	421511	424639	424896	423682	0.44	cps
Molybdenum	94-1	2448762	2458331	2412008	2439700	1.00	cps
Molybdenum	95-1	2952157	2978132	2916158	2948816	1.06	cps
Molybdenum	96-1	3280227	3294959	3255317	3276835	0.61	cps
Molybdenum	97-1	1861705	1871682	1840096	1857828	0.87	cps
Molybdenum	98-1	4775875	4765850	4712866	4751530	0.71	cps
Neodymium	150-1	167	153	180	167	8.00	cps
Neodymium	150-2	13	37	20	23	51.52	cps
Nickel	60-2	123841	124634	124644	124373	0.37	cps
Phosphorus	31-2	11947	11922	12331	12066	1.90	cps
Potassium	39-2	1319885	1328170	1327717	1325257	0.35	cps
Rhodium	103-1	4674209	4680264	4593663	4649379	1.04	cps
Rhodium	103-2	2310216	2297226	2329955	2312465	0.71	cps
Scandium	45-1	3598766	3584939	3519252	3567653	1.19	cps
Scandium	45-2	152909	151047	152192	152049	0.62	cps
Selenium	77-2	1037	1077	1150	1088	5.28	cps
Selenium	78-2	3473	3560	3775	3602	4.31	cps
Selenium	82-1	23217	23283	22315	22938	2.36	cps
Silicon	28-1	899596	906353	896897	900949	0.54	cps
Silver	109-1	1401442	1383108	1366125	1383559	1.28	cps
Silver	107-1	1451992	1453210	1430258	1445154	0.89	cps
Sodium	23-2	5204334	5207799	5193653	5201928	0.14	cps
Strontium	86-1	401339	401315	393725	398793	1.10	cps
Strontium	88-1	3526096	3516557	3450750	3497801	1.17	cps
Sulfur	34-1	318504	313136	306074	312571	1.99	cps
Terbium	159-1	8295024	8382818	8274167	8317336	0.69	cps
Terbium	159-2	4603916	4628078	4622275	4618089	0.27	cps
Thallium	203-1	1481060	1499343	1478972	1486459	0.75	cps
Thallium	205-1	3541460	3585035	3543459	3556651	0.69	cps
Thorium	232-1	5785310	5817103	5777480	5793298	0.36	cps
Tin	118-1	1045626	1043370	1038771	1042589	0.34	cps
Titanium	47-1	857229	850423	840151	849268	1.01	cps
Uranium	238-1	5533538	5573809	5537684	5548344	0.40	cps
Vanadium	51-2	270111	271179	270020	270437	0.24	cps
Yttrium	89-1	5747489	5733047	5676090	5718875	0.66	cps
Yttrium	89-2	880403	869443	881676	877174	0.77	cps

LB Number : LB103342 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired :: 2019-06-11 14:52:13 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	108932	109482	109893	109436	0.44	cps
Zirconium	90-1	2076390	2071500	2041121	2063004	0.93	cps
Zirconium	91-1	474175	464587	456643	465135	1.89	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:04:36 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	448838	458073	455331	454081	1.04	cps
Antimony	121-1	2330195	2333878	2336889	2333654	0.14	cps
Arsenic	75-2	65536	67543	67539	66872	1.73	cps
Barium	135-1	3156168	3175080	3176430	3169226	0.36	cps
Barium	137-1	5498951	5562928	5552958	5538279	0.62	cps
Beryllium	9-1	588082	587070	588337	587830	0.11	cps
Bismuth	209-1	5609719	5665671	5645657	5640349	0.50	cps
Bismuth	209-2	3543075	3439017	3739213	3573768	4.27	cps
Boron	11-1	402782	403593	411503	405960	1.19	cps
Boron	10-1	90848	92314	94068	92410	1.74	cps
Cadmium	106-1	74186	73323	74002	73837	0.62	cps
Cadmium	108-1	49244	48428	48508	48727	0.92	cps
Cadmium	111-1	625676	619722	629656	625018	0.80	cps
Calcium	43-1	740914	738961	745834	741903	0.48	cps
Calcium	44-1	11902404	11979300	12076673	11986126	0.73	cps
Chromium	52-2	620358	637429	630918	629568	1.37	cps
Cobalt	59-2	932878	956330	949317	946175	1.27	cps
Copper	63-2	1188793	1218737	1217370	1208300	1.40	cps
Dysprosium	156-1	58	42	67	56	22.91	cps
Dysprosium	156-2	80	83	67	77	11.50	cps
Erbium	164-2	13	10	17	13	25.01	cps
Erbium	164-1	25	17	17	19	24.73	cps
Gadolinium	160-1	33	17	33	28	34.63	cps
Gadolinium	160-2	177	130	130	146	18.51	cps
Holmium	165-1	8371435	8450647	8391484	8404522	0.49	cps
Holmium	165-2	4563714	4459777	4760384	4594625	3.32	cps
Indium	115-1	5335063	5347713	5361421	5348066	0.25	cps
Indium	115-2	1102510	1062358	1160698	1108522	4.46	cps
Iron	56-2	26408917	27060103	26762046	26743689	1.22	cps
Iron	57-2	672390	685055	679761	679069	0.94	cps
Krypton	83-1	140	217	147	168	25.31	cps
Lead	206-1	2370772	2381975	2392064	2381604	0.45	cps
Lead	207-1	2161799	2171704	2183084	2172196	0.49	cps
Lead	208-1	9705130	9733345	9808504	9748993	0.55	cps
Lithium	6-1	2263491	2286283	2282432	2277402	0.54	cps
Magnesium	24-2	5075535	5220356	5148312	5148068	1.41	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:04:36 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	794677	812482	807617	804925	1.14	cps
Molybdenum	94-1	4659243	4677406	4712992	4683214	0.58	cps
Molybdenum	95-1	5612737	5641203	5699642	5651194	0.78	cps
Molybdenum	96-1	6294723	6340482	6392805	6342670	0.77	cps
Molybdenum	97-1	3505065	3515499	3544346	3521637	0.58	cps
Molybdenum	98-1	9107106	9165815	9234754	9169225	0.70	cps
Neodymium	150-1	253	287	300	280	8.58	cps
Neodymium	150-2	40	33	37	37	9.10	cps
Nickel	60-2	233919	238646	235628	236064	1.01	cps
Phosphorus	31-2	22393	23236	23018	22882	1.91	cps
Potassium	39-2	2485792	2557633	2537931	2527119	1.47	cps
Rhodium	103-1	4521178	4581771	4601635	4568195	0.92	cps
Rhodium	103-2	2158103	2076307	2261447	2165285	4.28	cps
Scandium	45-1	3478413	3523376	3504229	3502006	0.64	cps
Scandium	45-2	142893	137159	150459	143503	4.65	cps
Selenium	77-2	1940	2137	2100	2059	5.08	cps
Selenium	78-2	6659	7000	6968	6876	2.74	cps
Selenium	82-1	43454	43387	43796	43546	0.50	cps
Silicon	28-1	1579537	1589026	1600988	1589850	0.68	cps
Silver	109-1	2600914	2589387	2612852	2601051	0.45	cps
Silver	107-1	2736363	2709323	2725619	2723768	0.50	cps
Sodium	23-2	9937589	10183233	10089597	10070140	1.23	cps
Strontium	86-1	769545	774163	781375	775028	0.77	cps
Strontium	88-1	6773350	6751655	6813300	6779435	0.46	cps
Sulfur	34-1	428595	430598	426809	428667	0.44	cps
Terbium	159-1	8605613	8655530	8588239	8616461	0.41	cps
Terbium	159-2	4445755	4365732	4709436	4506974	3.99	cps
Thallium	203-1	2937317	2942026	2949500	2942948	0.21	cps
Thallium	205-1	7098366	7109139	7139404	7115636	0.30	cps
Thorium	232-1	11721501	11786896	11804255	11770884	0.37	cps
Tin	118-1	2023816	1998208	2023609	2015211	0.73	cps
Titanium	47-1	1583980	1597922	1596673	1592858	0.48	cps
Uranium	238-1	11060976	11038886	11098028	11065963	0.27	cps
Vanadium	51-2	512389	524303	523568	520087	1.28	cps
Yttrium	89-1	5697282	5715288	5708163	5706911	0.16	cps
Yttrium	89-2	827969	796969	870606	831848	4.44	cps

LB Number : LB103342 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired :: 2019-06-11 15:04:36 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	202289	206518	206571	205126	1.20	cps
Zirconium	90-1	3925610	3924382	3938049	3929347	0.19	cps
Zirconium	91-1	891246	895975	892876	893366	0.27	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:08:22 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	873774	879326	883133	878744	0.54	cps
Antimony	121-1	4459232	4398612	4414681	4424175	0.71	cps
Arsenic	75-2	125889	129122	129774	128262	1.62	cps
Barium	135-1	6093746	6036222	6051441	6060469	0.49	cps
Barium	137-1	10732726	10597957	10636110	10655598	0.65	cps
Beryllium	9-1	1124330	1106322	1108183	1112945	0.89	cps
Bismuth	209-1	5457909	5854462	5546760	5619710	3.70	cps
Bismuth	209-2	3626930	3661822	3659457	3649403	0.53	cps
Boron	11-1	755086	753570	767601	758752	1.01	cps
Boron	10-1	172500	171986	177521	174003	1.76	cps
Cadmium	106-1	148916	145660	144453	146343	1.58	cps
Cadmium	108-1	97881	97944	97482	97769	0.26	cps
Cadmium	111-1	1258357	1252326	1249372	1253352	0.37	cps
Calcium	43-1	1429569	1422420	1423733	1425241	0.27	cps
Calcium	44-1	23056129	22882508	22969715	22969451	0.38	cps
Chromium	52-2	1200873	1208023	1216679	1208525	0.65	cps
Cobalt	59-2	1779825	1805397	1811563	1798928	0.94	cps
Copper	63-2	2542020	2567901	2576967	2562296	0.71	cps
Dysprosium	156-1	108	100	108	106	4.56	cps
Dysprosium	156-2	133	177	173	161	14.97	cps
Erbium	164-2	23	23	17	21	18.21	cps
Erbium	164-1	25	42	33	33	25.01	cps
Gadolinium	160-1	17	58	42	39	53.93	cps
Gadolinium	160-2	163	123	150	146	13.99	cps
Holmium	165-1	8306548	8854168	8387073	8515930	3.47	cps
Holmium	165-2	4723003	4758978	4737351	4739777	0.38	cps
Indium	115-1	5163369	5503576	5210440	5292462	3.48	cps
Indium	115-2	1118101	1134554	1130485	1127713	0.76	cps
Iron	56-2	50891519	51318668	51428796	51212994	0.55	cps
Iron	57-2	1289442	1307849	1310999	1302763	0.89	cps
Krypton	83-1	157	163	180	167	7.21	cps
Lead	206-1	4553395	4492234	4545324	4530318	0.73	cps
Lead	207-1	4173195	4116246	4152159	4147200	0.69	cps
Lead	208-1	18709009	18531957	18655980	18632315	0.49	cps
Lithium	6-1	2241734	2341860	2242290	2275295	2.53	cps
Magnesium	24-2	9869715	10007195	9995938	9957616	0.77	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:08:22 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1533709	1553395	1558342	1548482	0.84	cps
Molybdenum	94-1	9121075	8973084	9014783	9036314	0.84	cps
Molybdenum	95-1	10989572	10851185	10904900	10915219	0.64	cps
Molybdenum	96-1	12299465	12150771	12176757	12208998	0.65	cps
Molybdenum	97-1	6883603	6745885	6786051	6805179	1.04	cps
Molybdenum	98-1	17814488	17442229	17477594	17578104	1.17	cps
Neodymium	150-1	693	460	587	580	20.14	cps
Neodymium	150-2	57	63	60	60	5.55	cps
Nickel	60-2	442516	445452	448301	445423	0.65	cps
Phosphorus	31-2	43464	44918	44434	44272	1.67	cps
Potassium	39-2	4839696	4849440	4861060	4850065	0.22	cps
Rhodium	103-1	4346293	4659984	4373276	4459851	3.90	cps
Rhodium	103-2	2165460	2192646	2204567	2187558	0.92	cps
Scandium	45-1	3415062	3649581	3443026	3502556	3.66	cps
Scandium	45-2	146798	149233	149448	148493	0.99	cps
Selenium	77-2	3931	3931	3797	3886	1.98	cps
Selenium	78-2	12824	13145	12791	12920	1.51	cps
Selenium	82-1	83041	82045	82049	82378	0.70	cps
Silicon	28-1	3205659	3171288	3191180	3189375	0.54	cps
Silver	109-1	5243799	5224401	5201290	5223163	0.41	cps
Silver	107-1	5503730	5425427	5427358	5452172	0.82	cps
Sodium	23-2	19460369	19610272	19631781	19567474	0.48	cps
Strontium	86-1	1492679	1472855	1471253	1478929	0.81	cps
Strontium	88-1	13127311	12832753	12881196	12947087	1.22	cps
Sulfur	34-1	678069	666481	661438	668662	1.28	cps
Terbium	159-1	8478556	9050219	8578316	8702364	3.51	cps
Terbium	159-2	4647499	4619357	4693536	4653464	0.80	cps
Thallium	203-1	5738170	5667409	5654932	5686837	0.79	cps
Thallium	205-1	13746806	13518609	13605002	13623472	0.85	cps
Thorium	232-1	23164130	23104636	23063821	23110863	0.22	cps
Tin	118-1	3830670	3777233	3787699	3798534	0.75	cps
Titanium	47-1	3089929	3049542	3043134	3060868	0.83	cps
Uranium	238-1	21962987	21799520	21975408	21912638	0.45	cps
Vanadium	51-2	991928	1008143	1012029	1004033	1.06	cps
Yttrium	89-1	5597182	5960689	5622867	5726912	3.54	cps
Yttrium	89-2	852698	861812	862814	859108	0.65	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:08:22 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	431878	440322	442517	438239	1.28	cps
Zirconium	90-1	7676901	7555451	7597868	7610074	0.81	cps
Zirconium	91-1	1719943	1678318	1697118	1698460	1.23	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:12:08 DataFile Name : 013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4891501	4923675	4954910	4923362	0.64	cps
Antimony	121-1	6610	6969	6910	6830	2.82	cps
Arsenic	75-2	180	217	222	206	11.23	cps
Barium	135-1	1267	1392	1133	1264	10.22	cps
Barium	137-1	2534	2125	1959	2206	13.41	cps
Beryllium	9-1	483	490	407	460	10.07	cps
Bismuth	209-1	4769782	4797368	4810303	4792484	0.43	cps
Bismuth	209-2	3235327	3225232	3241646	3234069	0.26	cps
Boron	11-1	48278	44132	41132	44514	8.06	cps
Boron	10-1	10412	10379	8945	9912	8.45	cps
Cadmium	106-1	2650	2650	2759	2686	2.33	cps
Cadmium	108-1	38	29	21	29	28.58	cps
Cadmium	111-1	2125	2110	2154	2130	1.06	cps
Calcium	43-1	7020894	7246706	7333895	7200498	2.24	cps
Calcium	44-1	114449719	118526094	119667236	117547683	2.33	cps
Chromium	52-2	19623	19320	19513	19485	0.79	cps
Cobalt	59-2	22788	23165	23272	23075	1.10	cps
Copper	63-2	3524	3424	3591	3513	2.39	cps
Dysprosium	156-1	50	92	50	64	37.66	cps
Dysprosium	156-2	33	30	57	40	36.33	cps
Erbium	164-2	23	27	37	29	24.03	cps
Erbium	164-1	33	0	17	17	99.99	cps
Gadolinium	160-1	75	42	50	56	31.22	cps
Gadolinium	160-2	180	233	157	190	20.68	cps
Holmium	165-1	7876055	8000279	7928419	7934918	0.79	cps
Holmium	165-2	4707886	4679089	4694803	4693926	0.31	cps
Indium	115-1	4914751	4948372	4981806	4948310	0.68	cps
Indium	115-2	1142458	1136456	1149065	1142660	0.55	cps
Iron	56-2	262451095	264481334	267344795	264759074	0.93	cps
Iron	57-2	6607836	6609293	6689781	6635636	0.71	cps
Krypton	83-1	123	117	140	127	9.49	cps
Lead	206-1	7313	7369	6991	7224	2.83	cps
Lead	207-1	6329	6096	6268	6231	1.94	cps
Lead	208-1	29202	28368	27795	28455	2.49	cps
Lithium	6-1	2231449	2284021	2299023	2271498	1.56	cps
Magnesium	24-2	53352439	53832786	54102730	53762652	0.71	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:12:08 DataFile Name : 013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7335	6965	6805	7035	3.87	cps
Molybdenum	94-1	6418	5977	5635	6010	6.54	cps
Molybdenum	95-1	9445	8928	8478	8950	5.41	cps
Molybdenum	96-1	11388	10804	11121	11105	2.63	cps
Molybdenum	97-1	5460	5293	5226	5326	2.26	cps
Molybdenum	98-1	14591	13465	13198	13752	5.38	cps
Neodymium	150-1	93	67	87	82	16.88	cps
Neodymium	150-2	60	57	23	47	43.45	cps
Nickel	60-2	8449	7952	8059	8153	3.21	cps
Phosphorus	31-2	83	183	67	111	56.79	cps
Potassium	39-2	26209027	26254785	26712094	26391969	1.05	cps
Rhodium	103-1	4025106	4092888	4064223	4060739	0.84	cps
Rhodium	103-2	2106263	2089498	2108980	2101580	0.50	cps
Scandium	45-1	3466201	3557455	3585200	3536285	1.76	cps
Scandium	45-2	162624	161556	163854	162678	0.71	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	11	22	26	20	39.04	cps
Selenium	82-1	75	85	107	89	18.21	cps
Silicon	28-1	224993	225424	229738	226719	1.16	cps
Silver	109-1	675	617	583	625	7.42	cps
Silver	107-1	842	733	600	725	16.70	cps
Sodium	23-2	112482511	113449065	114787565	113573047	1.02	cps
Strontium	86-1	6560	6769	6568	6632	1.78	cps
Strontium	88-1	55876	56822	56018	56239	0.91	cps
Sulfur	34-1	164423	163261	170330	166005	2.28	cps
Terbium	159-1	8037078	8147679	8119103	8101286	0.71	cps
Terbium	159-2	4604669	4575814	4618855	4599780	0.48	cps
Thallium	203-1	2409	2000	2034	2147	10.56	cps
Thallium	205-1	5852	5276	5043	5390	7.72	cps
Thorium	232-1	6402	5262	4362	5342	19.14	cps
Tin	118-1	3267	3326	3100	3231	3.62	cps
Titanium	47-1	1900	1792	1900	1864	3.36	cps
Uranium	238-1	3792	2900	2659	3117	19.15	cps
Vanadium	51-2	250	273	320	281	12.68	cps
Yttrium	89-1	5489101	5541651	5570266	5533673	0.74	cps
Yttrium	89-2	898123	894157	906386	899555	0.69	cps

LB Number : LB103342 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired :: 2019-06-11 15:12:08 DataFile Name : 013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4891	4974	5234	5033	3.56	cps
Zirconium	90-1	3459	2750	3017	3075	11.64	cps
Zirconium	91-1	633	692	600	642	7.23	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:19:07 DataFile Name : 014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26524	26925	25681	26377	2.41	cps
Antimony	121-1	989649	992001	989974	990541	0.13	cps
Arsenic	75-2	30591	31415	31089	31032	1.34	cps
Barium	135-1	137339	136143	136800	136760	0.44	cps
Barium	137-1	237931	238051	237112	237698	0.21	cps
Beryllium	9-1	139005	138322	137145	138157	0.68	cps
Bismuth	209-1	6174563	6407013	6026028	6202535	3.10	cps
Bismuth	209-2	4097672	4141908	4137302	4125627	0.59	cps
Boron	11-1	14825	14991	14724	14847	0.91	cps
Boron	10-1	3476	3492	3526	3498	0.73	cps
Cadmium	106-1	15693	14900	14983	15192	2.87	cps
Cadmium	108-1	12089	11584	11563	11745	2.53	cps
Cadmium	111-1	141017	137859	139302	139393	1.13	cps
Calcium	43-1	36621	35385	35234	35747	2.13	cps
Calcium	44-1	581767	582780	576888	580478	0.54	cps
Chromium	52-2	145358	144870	145318	145182	0.19	cps
Cobalt	59-2	223736	226412	225221	225123	0.60	cps
Copper	63-2	149440	149656	148255	149117	0.51	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-2	37	37	37	37	0.00	cps
Erbium	164-1	42	75	17	44	65.84	cps
Gadolinium	160-1	50	42	33	42	20.00	cps
Gadolinium	160-2	190	163	190	181	8.50	cps
Holmium	165-1	9021259	9392722	8781182	9065054	3.40	cps
Holmium	165-2	5162580	5237937	5226323	5208947	0.78	cps
Indium	115-1	6228486	6504830	6084173	6272496	3.41	cps
Indium	115-2	1358508	1369033	1371614	1366385	0.51	cps
Iron	56-2	1273170	1281045	1274893	1276369	0.32	cps
Iron	57-2	32325	33227	32570	32707	1.43	cps
Krypton	83-1	180	100	177	152	29.73	cps
Lead	206-1	1010994	998841	1001927	1003920	0.63	cps
Lead	207-1	879653	870257	870315	873408	0.62	cps
Lead	208-1	4007613	3972669	4000018	3993434	0.46	cps
Lithium	6-1	2853109	2959627	2778477	2863738	3.18	cps
Magnesium	24-2	150320	151651	148453	150141	1.07	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:19:07 DataFile Name : 014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	93672	92985	92619	93092	0.57	cps
Molybdenum	94-1	3520508	3477161	3492610	3496760	0.63	cps
Molybdenum	95-1	6198910	6160460	6194531	6184634	0.34	cps
Molybdenum	96-1	6684068	6642708	6698152	6674976	0.43	cps
Molybdenum	97-1	3845793	3807583	3807069	3820149	0.58	cps
Molybdenum	98-1	10034600	9941174	9942981	9972919	0.54	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	57272	57559	56860	57230	0.61	cps
Phosphorus	31-2	100	117	42	86	45.73	cps
Potassium	39-2	240704	245649	243407	243253	1.02	cps
Rhodium	103-1	5597498	5797095	5414837	5603143	3.41	cps
Rhodium	103-2	2693742	2718977	2711038	2707919	0.48	cps
Scandium	45-1	4314533	4522488	4202756	4346593	3.73	cps
Scandium	45-2	180153	184310	182960	182475	1.16	cps
Selenium	77-2	960	1003	857	940	8.02	cps
Selenium	78-2	3300	3139	3130	3190	3.00	cps
Selenium	82-1	20145	19599	20045	19930	1.46	cps
Silicon	28-1	133726	134769	137914	135470	1.61	cps
Silver	109-1	601586	594075	594673	596778	0.70	cps
Silver	107-1	627988	615925	619113	621009	1.01	cps
Sodium	23-2	488468	487273	478629	484790	1.11	cps
Strontium	86-1	4126	4284	4226	4212	1.90	cps
Strontium	88-1	34977	35612	34125	34905	2.14	cps
Sulfur	34-1	196951	193616	190586	193717	1.64	cps
Terbium	159-1	9330026	9690201	9049557	9356595	3.43	cps
Terbium	159-2	5071599	5108971	5128629	5103067	0.57	cps
Thallium	203-1	1222050	1224114	1222469	1222878	0.09	cps
Thallium	205-1	2938152	2915655	2920432	2924746	0.41	cps
Thorium	232-1	2600	3045	2367	2671	12.90	cps
Tin	118-1	800	825	800	808	1.79	cps
Titanium	47-1	1841319	1836966	1830876	1836387	0.29	cps
Uranium	238-1	200	233	150	194	21.57	cps
Vanadium	51-2	119388	119421	120322	119710	0.44	cps
Yttrium	89-1	6688666	7008338	6553265	6750090	3.46	cps
Yttrium	89-2	1015965	1017347	1019489	1017600	0.17	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:19:07 DataFile Name : 014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	52267	52230	52072	52190	0.20	cps
Zirconium	90-1	1825	2234	1625	1895	16.37	cps
Zirconium	91-1	542	625	600	589	7.26	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:22:44 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	75	83	81	5.98	cps
Antimony	121-1	825	950	967	914	8.47	cps
Arsenic	75-2	9	17	13	13	28.58	cps
Barium	135-1	50	75	67	64	19.92	cps
Barium	137-1	108	67	92	89	23.59	cps
Beryllium	9-1	240	227	197	221	10.04	cps
Bismuth	209-1	6134144	6087281	6070028	6097151	0.54	cps
Bismuth	209-2	4151548	4163765	4158869	4158060	0.15	cps
Boron	11-1	11255	10921	10404	10860	3.95	cps
Boron	10-1	2500	2517	2667	2561	3.58	cps
Cadmium	106-1	2959	2917	3000	2959	1.41	cps
Cadmium	108-1	8	0	13	7	91.66	cps
Cadmium	111-1	2128	2063	2104	2098	1.57	cps
Calcium	43-1	108	133	175	139	24.25	cps
Calcium	44-1	4209	4393	4509	4370	3.46	cps
Chromium	52-2	423	330	450	401	15.71	cps
Cobalt	59-2	63	63	73	67	8.66	cps
Copper	63-2	340	337	367	348	4.73	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-2	13	27	10	17	52.93	cps
Erbium	164-1	8	8	33	17	86.62	cps
Gadolinium	160-1	50	67	33	50	33.34	cps
Gadolinium	160-2	137	210	150	166	23.60	cps
Holmium	165-1	8918766	8861300	8898446	8892838	0.33	cps
Holmium	165-2	5306678	5270561	5272943	5283394	0.38	cps
Indium	115-1	6218793	6265050	6217263	6233702	0.44	cps
Indium	115-2	1398507	1406629	1394311	1399816	0.45	cps
Iron	56-2	3045	3123	3339	3169	4.82	cps
Iron	57-2	178	133	156	156	14.28	cps
Krypton	83-1	140	173	110	141	22.45	cps
Lead	206-1	650	800	772	741	10.77	cps
Lead	207-1	528	656	667	617	12.52	cps
Lead	208-1	2711	2945	2906	2854	4.38	cps
Lithium	6-1	2800868	2799338	2781646	2793951	0.38	cps
Magnesium	24-2	375	417	342	378	9.95	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:22:44 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	53	57	48	26.42	cps
Molybdenum	94-1	1142	1033	792	989	18.12	cps
Molybdenum	95-1	1617	1433	1358	1470	9.05	cps
Molybdenum	96-1	1959	1625	1267	1617	21.40	cps
Molybdenum	97-1	1258	858	675	931	32.06	cps
Molybdenum	98-1	2667	2484	2475	2542	4.26	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	90	87	57	78	23.60	cps
Phosphorus	31-2	83	83	42	69	34.64	cps
Potassium	39-2	9270	9420	9170	9287	1.36	cps
Rhodium	103-1	5598482	5561311	5584895	5581563	0.34	cps
Rhodium	103-2	2799427	2800564	2789223	2796404	0.22	cps
Scandium	45-1	4325601	4318307	4319042	4320983	0.09	cps
Scandium	45-2	189286	190119	187769	189058	0.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	11	30	23	45.58	cps
Selenium	82-1	25	23	75	41	71.54	cps
Silicon	28-1	116122	116106	112890	115039	1.62	cps
Silver	109-1	117	125	133	125	6.67	cps
Silver	107-1	150	183	133	156	16.37	cps
Sodium	23-2	6202	6127	5985	6104	1.80	cps
Strontium	86-1	225	308	275	269	15.57	cps
Strontium	88-1	325	400	375	367	10.41	cps
Sulfur	34-1	199738	199175	203284	200732	1.11	cps
Terbium	159-1	9255175	9215920	9214120	9228405	0.25	cps
Terbium	159-2	5214911	5170036	5185304	5190084	0.44	cps
Thallium	203-1	500	400	508	469	12.84	cps
Thallium	205-1	1183	958	1133	1092	10.82	cps
Thorium	232-1	839	778	750	789	5.76	cps
Tin	118-1	550	550	625	575	7.53	cps
Titanium	47-1	167	142	192	167	15.00	cps
Uranium	238-1	142	100	150	131	20.52	cps
Vanadium	51-2	7	10	3	7	50.03	cps
Yttrium	89-1	6733297	6711019	6741294	6728536	0.23	cps
Yttrium	89-2	1048185	1047804	1047370	1047786	0.04	cps

LB Number : LB103342 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired :: 2019-06-11 15:22:44 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	110	127	153	130	16.82	cps
Zirconium	90-1	575	500	317	464	28.65	cps
Zirconium	91-1	117	58	75	83	36.05	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:26:21 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4660179	4681777	4706677	4682878	0.50	cps
Antimony	121-1	5676	6102	6143	5974	4.32	cps
Arsenic	75-2	72	54	69	65	15.12	cps
Barium	135-1	2100	1884	2109	2031	6.28	cps
Barium	137-1	3451	3617	3476	3514	2.56	cps
Beryllium	9-1	560	563	550	558	1.24	cps
Bismuth	209-1	5850705	5033672	5445427	5443268	7.51	cps
Bismuth	209-2	3799367	3800799	3812235	3804134	0.19	cps
Boron	11-1	9253	8311	8903	8822	5.40	cps
Boron	10-1	1917	2009	2300	2075	9.65	cps
Cadmium	106-1	2859	2392	2400	2550	10.47	cps
Cadmium	108-1	1692	1825	1646	1721	5.41	cps
Cadmium	111-1	2967	2560	2403	2643	11.01	cps
Calcium	43-1	1611599	1632924	1630388	1624971	0.72	cps
Calcium	44-1	25985866	26501530	26328031	26271809	1.00	cps
Chromium	52-2	27970	29099	29112	28727	2.28	cps
Cobalt	59-2	2627	2710	2847	2728	4.07	cps
Copper	63-2	11038	10934	11315	11095	1.77	cps
Dysprosium	156-1	42	75	33	50	44.10	cps
Dysprosium	156-2	20	17	7	14	48.02	cps
Erbium	164-2	40	20	33	31	32.73	cps
Erbium	164-1	42	33	50	42	20.00	cps
Gadolinium	160-1	33	67	75	58	37.80	cps
Gadolinium	160-2	183	177	173	178	2.86	cps
Holmium	165-1	9260716	7898300	8559088	8572701	7.95	cps
Holmium	165-2	5222674	5192040	5168953	5194555	0.52	cps
Indium	115-1	6054200	5207904	5594625	5618910	7.54	cps
Indium	115-2	1293489	1307283	1301802	1300858	0.53	cps
Iron	56-2	117599336	118435242	118967392	118333990	0.58	cps
Iron	57-2	2981903	3007375	3016852	3002043	0.60	cps
Krypton	83-1	133	123	147	134	8.71	cps
Lead	206-1	22336	22703	22119	22386	1.32	cps
Lead	207-1	17829	17245	18213	17762	2.74	cps
Lead	208-1	84428	84590	84990	84669	0.34	cps
Lithium	6-1	2665256	2338960	2493238	2499151	6.53	cps
Magnesium	24-2	11437057	11475209	11581314	11497860	0.65	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:26:21 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7175	7625	7419	7406	3.04	cps
Molybdenum	94-1	2682153	2702172	2676764	2687030	0.50	cps
Molybdenum	95-1	4708161	4759299	4757847	4741769	0.61	cps
Molybdenum	96-1	5082647	5109361	5156615	5116208	0.73	cps
Molybdenum	97-1	2917132	2934729	2934296	2928719	0.34	cps
Molybdenum	98-1	7616619	7722417	7738981	7692673	0.86	cps
Neodymium	150-1	40	27	20	29	35.25	cps
Neodymium	150-2	3	3	27	11	121.29	cps
Nickel	60-2	2664	2824	2967	2818	5.39	cps
Phosphorus	31-2	251239	248798	254479	251505	1.13	cps
Potassium	39-2	11240786	11219368	11346964	11269039	0.61	cps
Rhodium	103-1	5225798	4455171	4838243	4839737	7.96	cps
Rhodium	103-2	2497136	2504815	2505700	2502550	0.19	cps
Scandium	45-1	4296431	3673416	3891187	3953678	8.00	cps
Scandium	45-2	178153	177769	178382	178101	0.17	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	19	17	20	19	9.99	cps
Selenium	82-1	28	48	43	40	25.90	cps
Silicon	28-1	176883	177836	179153	177957	0.64	cps
Silver	109-1	408	433	475	439	7.67	cps
Silver	107-1	417	475	500	464	9.22	cps
Sodium	23-2	22324580	22407241	22499989	22410603	0.39	cps
Strontium	86-1	57365	56252	57047	56888	1.01	cps
Strontium	88-1	487480	490959	488507	488982	0.37	cps
Sulfur	34-1	3017411	3061694	3039302	3039469	0.73	cps
Terbium	159-1	9539782	8141322	8831160	8837421	7.91	cps
Terbium	159-2	5096326	5068146	5043402	5069291	0.52	cps
Thallium	203-1	1292	1317	1634	1414	13.47	cps
Thallium	205-1	3092	3484	3859	3478	11.03	cps
Thorium	232-1	661	633	761	685	9.81	cps
Tin	118-1	1408	1358	1258	1342	5.69	cps
Titanium	47-1	1419444	1431167	1434396	1428336	0.55	cps
Uranium	238-1	492	525	450	489	7.69	cps
Vanadium	51-2	250	260	197	236	14.46	cps
Yttrium	89-1	6696071	5730463	6163648	6196727	7.80	cps
Yttrium	89-2	1004799	1009873	1005707	1006793	0.27	cps

LB Number : LB103342 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired :: 2019-06-11 15:26:21 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3320	3204	3270	3265	1.79	cps
Zirconium	90-1	642	633	492	589	14.32	cps
Zirconium	91-1	175	183	192	183	4.55	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:29:58 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4793453	4813261	4807605	4804773	0.21	cps
Antimony	121-1	104956	104629	106702	105429	1.06	cps
Arsenic	75-2	2986	3197	3082	3088	3.42	cps
Barium	135-1	30008	29557	30618	30061	1.77	cps
Barium	137-1	52257	51471	52140	51956	0.82	cps
Beryllium	9-1	27502	27305	27355	27387	0.37	cps
Bismuth	209-1	5615450	5638498	5631739	5628562	0.21	cps
Bismuth	209-2	3836082	3862875	3862930	3853962	0.40	cps
Boron	11-1	59058	59928	60940	59975	1.57	cps
Boron	10-1	13398	14316	13540	13751	3.59	cps
Cadmium	106-1	7386	6752	6935	7024	4.64	cps
Cadmium	108-1	4451	4292	4380	4374	1.81	cps
Cadmium	111-1	29648	29495	29796	29646	0.51	cps
Calcium	43-1	1685999	1673712	1684000	1681237	0.39	cps
Calcium	44-1	27065654	27054785	27196935	27105791	0.29	cps
Chromium	52-2	58603	59550	58579	58911	0.94	cps
Cobalt	59-2	47895	46651	47249	47265	1.32	cps
Copper	63-2	40546	40760	40315	40541	0.55	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Dysprosium	156-2	13	7	23	14	58.06	cps
Erbium	164-2	50	33	30	38	28.37	cps
Erbium	164-1	58	42	83	61	34.32	cps
Gadolinium	160-1	33	50	50	44	21.66	cps
Gadolinium	160-2	147	183	190	173	13.46	cps
Holmium	165-1	8822783	8895065	8962031	8893293	0.78	cps
Holmium	165-2	5282743	5287705	5287859	5286102	0.06	cps
Indium	115-1	5866552	5921767	5885704	5891341	0.48	cps
Indium	115-2	1328369	1327458	1331721	1329183	0.17	cps
Iron	56-2	121074167	121668206	121454086	121398819	0.25	cps
Iron	57-2	3060370	3060437	3061909	3060905	0.03	cps
Krypton	83-1	93	150	140	128	23.67	cps
Lead	206-1	122587	121970	122856	122471	0.37	cps
Lead	207-1	103232	103416	103102	103250	0.15	cps
Lead	208-1	477084	474894	475412	475797	0.24	cps
Lithium	6-1	2580386	2594665	2588343	2587798	0.28	cps
Magnesium	24-2	11800384	11874338	11866758	11847160	0.34	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:29:58 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	26537	26755	27232	26841	1.32	cps
Molybdenum	94-1	3006122	3045284	3059153	3036853	0.91	cps
Molybdenum	95-1	4962239	5020901	5021929	5001690	0.68	cps
Molybdenum	96-1	5391320	5471005	5468726	5443684	0.83	cps
Molybdenum	97-1	3098406	3128480	3124204	3117030	0.52	cps
Molybdenum	98-1	8078477	8157344	8188664	8141495	0.70	cps
Neodymium	150-1	27	13	13	18	43.33	cps
Neodymium	150-2	17	20	13	17	20.01	cps
Nickel	60-2	13660	13860	13543	13688	1.17	cps
Phosphorus	31-2	258468	258358	255543	257456	0.64	cps
Potassium	39-2	11533932	11584142	11547800	11555291	0.22	cps
Rhodium	103-1	5042144	5080166	5078684	5066998	0.43	cps
Rhodium	103-2	2550262	2565369	2564129	2559920	0.33	cps
Scandium	45-1	4094099	4142894	4128956	4121983	0.61	cps
Scandium	45-2	180297	183705	183426	182476	1.04	cps
Selenium	77-2	80	107	110	99	16.63	cps
Selenium	78-2	331	341	326	333	2.25	cps
Selenium	82-1	2029	1966	1964	1986	1.86	cps
Silicon	28-1	385832	390827	395100	390586	1.19	cps
Silver	109-1	108841	109950	110286	109692	0.69	cps
Silver	107-1	114846	115458	113577	114627	0.84	cps
Sodium	23-2	23000937	23090797	23062748	23051494	0.20	cps
Strontium	86-1	180165	180316	183431	181304	1.02	cps
Strontium	88-1	1579075	1590121	1601259	1590152	0.70	cps
Sulfur	34-1	3142387	3141085	3140409	3141294	0.03	cps
Terbium	159-1	9140793	9161634	9189441	9163956	0.27	cps
Terbium	159-2	5153736	5162961	5159964	5158887	0.09	cps
Thallium	203-1	122577	118718	122779	121358	1.89	cps
Thallium	205-1	291857	293407	291553	292272	0.34	cps
Thorium	232-1	8092	7502	7452	7682	4.63	cps
Tin	118-1	256467	258053	261919	258813	1.08	cps
Titanium	47-1	1532634	1522262	1524714	1526537	0.36	cps
Uranium	238-1	1373643	1379229	1373337	1375403	0.24	cps
Vanadium	51-2	24938	24968	24707	24871	0.57	cps
Yttrium	89-1	6475979	6519857	6512574	6502803	0.36	cps
Yttrium	89-2	1026703	1025043	1024336	1025361	0.12	cps

LB Number : LB103342 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired :: 2019-06-11 15:29:58 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	8159	8289	8633	8360	2.93	cps
Zirconium	90-1	528177	534158	532929	531755	0.59	cps
Zirconium	91-1	118428	119637	119855	119307	0.64	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCV68 Instrumnet Name : P7
 Client Sample ID : CCV68 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:33:36 DataFile Name : 018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2796578	2792664	2806798	2798680	0.26	cps
Antimony	121-1	2400406	2389748	2380129	2390094	0.42	cps
Arsenic	75-2	76288	77220	77449	76985	0.80	cps
Barium	135-1	3317936	3317818	3304443	3313399	0.23	cps
Barium	137-1	5823898	5838228	5798329	5820152	0.35	cps
Beryllium	9-1	626948	627874	625779	626867	0.17	cps
Bismuth	209-1	5350664	5365115	5392236	5369339	0.39	cps
Bismuth	209-2	3616924	3644822	3645164	3635637	0.45	cps
Boron	11-1	415581	423167	416996	418581	0.96	cps
Boron	10-1	95409	95140	97086	95879	1.10	cps
Cadmium	106-1	80596	80788	81728	81037	0.75	cps
Cadmium	108-1	53726	54279	54781	54262	0.97	cps
Cadmium	111-1	702541	701460	696248	700083	0.48	cps
Calcium	43-1	3984389	3973756	3958624	3972256	0.33	cps
Calcium	44-1	64128747	64116445	64080322	64108505	0.04	cps
Chromium	52-2	706843	708635	714194	709891	0.54	cps
Cobalt	59-2	1030789	1041008	1043340	1038379	0.64	cps
Copper	63-2	1446449	1456038	1453456	1451981	0.34	cps
Dysprosium	156-1	117	133	117	122	7.87	cps
Dysprosium	156-2	90	87	107	94	11.35	cps
Erbium	164-2	10	20	27	19	44.42	cps
Erbium	164-1	33	8	33	25	57.74	cps
Gadolinium	160-1	67	92	58	72	24.02	cps
Gadolinium	160-2	163	173	217	184	15.37	cps
Holmium	165-1	8594551	8673086	8691459	8653032	0.59	cps
Holmium	165-2	5073263	5081683	5060624	5071857	0.21	cps
Indium	115-1	5606463	5610729	5571070	5596087	0.39	cps
Indium	115-2	1255254	1260107	1266409	1260590	0.44	cps
Iron	56-2	141516789	142063667	142235323	141938593	0.26	cps
Iron	57-2	3579611	3622939	3642635	3615062	0.89	cps
Krypton	83-1	157	150	183	163	10.80	cps
Lead	206-1	2269806	2273216	2265047	2269357	0.18	cps
Lead	207-1	2069726	2078659	2072665	2073684	0.22	cps
Lead	208-1	9280026	9346310	9343001	9323112	0.40	cps
Lithium	6-1	2504626	2511942	2502412	2506327	0.20	cps
Magnesium	24-2	28292062	28212621	28459692	28321459	0.45	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCV68 Instrumnet Name : P7
 Client Sample ID : CCV68 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:33:36 DataFile Name : 018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	885211	883673	890860	886581	0.43	cps
Molybdenum	94-1	5085866	5097463	5072842	5085390	0.24	cps
Molybdenum	95-1	6136150	6109220	6085901	6110424	0.41	cps
Molybdenum	96-1	6859123	6874475	6837816	6857138	0.27	cps
Molybdenum	97-1	3798231	3795987	3726589	3773602	1.08	cps
Molybdenum	98-1	9930263	9920135	9822674	9891024	0.60	cps
Neodymium	150-1	387	487	440	438	11.43	cps
Neodymium	150-2	67	63	37	56	29.59	cps
Nickel	60-2	251391	256137	254302	253944	0.94	cps
Phosphorus	31-2	25072	25831	24964	25289	1.87	cps
Potassium	39-2	14230084	14249260	14374015	14284453	0.55	cps
Rhodium	103-1	4749989	4742603	4722781	4738458	0.30	cps
Rhodium	103-2	2379366	2395256	2395382	2390001	0.39	cps
Scandium	45-1	3978231	3971372	3939112	3962905	0.53	cps
Scandium	45-2	175243	176803	178005	176684	0.78	cps
Selenium	77-2	2260	2277	2474	2337	5.08	cps
Selenium	78-2	7823	7726	7924	7824	1.27	cps
Selenium	82-1	47869	47587	46696	47384	1.29	cps
Silicon	28-1	1907340	1930258	1928680	1922093	0.67	cps
Silver	109-1	2914328	2900497	2888085	2900970	0.45	cps
Silver	107-1	3029108	3022235	3011477	3020940	0.29	cps
Sodium	23-2	59773043	59960081	60104718	59945947	0.28	cps
Strontium	86-1	832002	837444	829018	832822	0.51	cps
Strontium	88-1	7310542	7265183	7240245	7271990	0.49	cps
Sulfur	34-1	479652	483570	476687	479970	0.72	cps
Terbium	159-1	8875405	8931201	8923925	8910177	0.34	cps
Terbium	159-2	4987341	4939796	4938001	4955046	0.56	cps
Thallium	203-1	2801941	2815839	2831224	2816335	0.52	cps
Thallium	205-1	6793434	6811167	6834534	6813045	0.30	cps
Thorium	232-1	11642409	11625734	11598146	11622097	0.19	cps
Tin	118-1	2057875	2049195	2035949	2047673	0.54	cps
Titanium	47-1	1788354	1794936	1776568	1786619	0.52	cps
Uranium	238-1	10757364	10880000	10736783	10791383	0.72	cps
Vanadium	51-2	588386	592462	596565	592471	0.69	cps
Yttrium	89-1	6277271	6265265	6224528	6255688	0.44	cps
Yttrium	89-2	978639	988036	985581	984085	0.50	cps

LB Number : LB103342 Operator : Jaswal
Lab Sample ID : CCV68 Instrumnet Name : P7
Client Sample ID : CCV68 Dilution Factor : 1
Date & Time Acquired :: 2019-06-11 15:33:36 DataFile Name : 018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	235898	237590	240541	238010	0.99	cps
Zirconium	90-1	4263532	4313803	4243947	4273761	0.84	cps
Zirconium	91-1	964032	971745	966977	967585	0.40	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : LLCCV Instrumnet Name : P7
 Client Sample ID : LLCCV Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:48:55 DataFile Name : 019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1192	1125	1283	1200	6.62	cps
Antimony	121-1	10388	10830	11071	10763	3.22	cps
Arsenic	75-2	187	181	167	178	5.90	cps
Barium	135-1	13849	14333	15092	14425	4.34	cps
Barium	137-1	24447	24873	24648	24656	0.86	cps
Beryllium	9-1	1640	1597	1507	1581	4.30	cps
Bismuth	209-1	6215367	6164288	6118260	6165972	0.79	cps
Bismuth	209-2	4258148	4320232	4094854	4224411	2.76	cps
Boron	11-1	28411	27793	29313	28505	2.68	cps
Boron	10-1	6410	6218	6852	6493	5.00	cps
Cadmium	106-1	3142	3117	3075	3112	1.08	cps
Cadmium	108-1	117	121	154	131	15.74	cps
Cadmium	111-1	3447	3410	3516	3458	1.55	cps
Calcium	43-1	9829	9462	9053	9448	4.11	cps
Calcium	44-1	151308	150946	151805	151353	0.28	cps
Chromium	52-2	3774	3464	3624	3621	4.28	cps
Cobalt	59-2	2447	2414	2510	2457	2.00	cps
Copper	63-2	3694	3704	3597	3665	1.61	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-2	27	13	20	20	33.35	cps
Erbium	164-1	25	0	8	11	114.58	cps
Gadolinium	160-1	17	42	33	31	41.66	cps
Gadolinium	160-2	183	163	163	170	6.79	cps
Holmium	165-1	9183057	9112044	9150973	9148691	0.39	cps
Holmium	165-2	5507592	5530891	5255790	5431424	2.81	cps
Indium	115-1	6594946	6540645	6530030	6555207	0.53	cps
Indium	115-2	1494629	1498506	1426974	1473369	2.73	cps
Iron	56-2	77766	76951	78883	77866	1.25	cps
Iron	57-2	2000	2067	2117	2061	2.84	cps
Krypton	83-1	130	110	197	146	31.18	cps
Lead	206-1	5423	5296	5262	5327	1.60	cps
Lead	207-1	4851	4473	4729	4684	4.12	cps
Lead	208-1	21402	20918	20974	21098	1.25	cps
Lithium	6-1	2995401	2989529	2975320	2986750	0.35	cps
Magnesium	24-2	69554	69286	68858	69233	0.51	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : LLCCV Instrumnet Name : P7
 Client Sample ID : LLCCV Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:48:55 DataFile Name : 019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1097	1093	1183	1125	4.54	cps
Molybdenum	94-1	11780	11905	11297	11661	2.76	cps
Molybdenum	95-1	13791	13674	13757	13740	0.44	cps
Molybdenum	96-1	14850	15976	15384	15403	3.66	cps
Molybdenum	97-1	9145	8403	8628	8725	4.36	cps
Molybdenum	98-1	23211	22602	22034	22616	2.60	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	757	743	710	737	3.26	cps
Phosphorus	31-2	217	225	258	233	9.45	cps
Potassium	39-2	72561	73842	74387	73597	1.27	cps
Rhodium	103-1	5950811	5907994	5925557	5928121	0.36	cps
Rhodium	103-2	2978008	3011952	2868025	2952662	2.55	cps
Scandium	45-1	4684745	4700022	4679851	4688206	0.22	cps
Scandium	45-2	207082	210165	197832	205026	3.13	cps
Selenium	77-2	20	27	30	26	19.92	cps
Selenium	78-2	100	106	113	106	6.12	cps
Selenium	82-1	587	651	500	579	13.08	cps
Silicon	28-1	151712	151710	152242	151888	0.20	cps
Silver	109-1	6043	6393	6527	6321	3.95	cps
Silver	107-1	6977	6644	7127	6916	3.58	cps
Sodium	23-2	132001	133615	134616	133411	0.99	cps
Strontium	86-1	1875	2259	2109	2081	9.29	cps
Strontium	88-1	15876	16076	15467	15806	1.96	cps
Sulfur	34-1	231793	235247	236187	234409	0.99	cps
Terbium	159-1	9555778	9462277	9463877	9493977	0.56	cps
Terbium	159-2	5405077	5451874	5194145	5350365	2.57	cps
Thallium	203-1	6627	6218	6202	6349	3.79	cps
Thallium	205-1	13916	14267	14617	14267	2.46	cps
Thorium	232-1	22308	20989	21457	21585	3.10	cps
Tin	118-1	23896	22669	23162	23242	2.66	cps
Titanium	47-1	4092	3867	4334	4098	5.70	cps
Uranium	238-1	20350	20943	20859	20717	1.55	cps
Vanadium	51-2	7102	7142	6795	7013	2.71	cps
Yttrium	89-1	7185327	7140391	7147737	7157819	0.34	cps
Yttrium	89-2	1127206	1136545	1084841	1116197	2.47	cps

LB Number : LB103342 Operator : Jaswal
Lab Sample ID : LLCCV Instrumnet Name : P7
Client Sample ID : LLCCV Dilution Factor : 1
Date & Time Acquired :: 2019-06-11 15:48:55 DataFile Name : 019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	740	673	693	702	4.87	cps
Zirconium	90-1	10054	8753	9487	9431	6.92	cps
Zirconium	91-1	1975	2009	1967	1984	1.11	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCB68 Instrumnet Name : P7
 Client Sample ID : CCB68 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:52:31 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	58	50	56	8.67	cps
Antimony	121-1	217	133	317	222	41.31	cps
Arsenic	75-2	4	7	15	9	65.47	cps
Barium	135-1	58	25	42	42	40.00	cps
Barium	137-1	50	50	67	56	17.32	cps
Beryllium	9-1	183	127	140	150	19.75	cps
Bismuth	209-1	6127506	6009167	6135391	6090688	1.16	cps
Bismuth	209-2	4242458	4264231	4240546	4249078	0.31	cps
Boron	11-1	6702	6410	5985	6365	5.66	cps
Boron	10-1	1417	1533	1358	1436	6.21	cps
Cadmium	106-1	3075	3051	3150	3092	1.68	cps
Cadmium	108-1	13	4	13	10	49.46	cps
Cadmium	111-1	2157	2149	2201	2169	1.29	cps
Calcium	43-1	117	125	100	114	11.18	cps
Calcium	44-1	4484	4543	4584	4537	1.11	cps
Chromium	52-2	507	510	467	494	4.88	cps
Cobalt	59-2	53	43	73	57	26.96	cps
Copper	63-2	450	330	350	377	17.07	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-2	13	13	3	10	57.75	cps
Erbium	164-1	67	8	33	36	81.06	cps
Gadolinium	160-1	25	25	25	25	0.00	cps
Gadolinium	160-2	183	183	163	177	6.54	cps
Holmium	165-1	9135340	9009842	9068145	9071109	0.69	cps
Holmium	165-2	5405046	5398101	5434632	5412593	0.36	cps
Indium	115-1	6571121	6430551	6538467	6513380	1.13	cps
Indium	115-2	1482559	1476422	1484174	1481052	0.28	cps
Iron	56-2	2550	2400	2734	2561	6.52	cps
Iron	57-2	144	106	94	115	22.87	cps
Krypton	83-1	147	193	163	168	14.10	cps
Lead	206-1	567	644	533	582	9.81	cps
Lead	207-1	406	533	500	480	13.82	cps
Lead	208-1	2128	2372	2122	2208	6.47	cps
Lithium	6-1	3013324	2949273	2998562	2987053	1.12	cps
Magnesium	24-2	208	242	333	261	24.79	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCB68 Instrumnet Name : P7
 Client Sample ID : CCB68 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 15:52:31 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	63	43	52	19.50	cps
Molybdenum	94-1	242	250	325	272	16.86	cps
Molybdenum	95-1	275	133	125	178	47.42	cps
Molybdenum	96-1	192	233	233	219	10.96	cps
Molybdenum	97-1	33	142	108	94	58.75	cps
Molybdenum	98-1	325	292	325	314	6.13	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	70	87	79	10.64	cps
Phosphorus	31-2	158	42	75	92	65.56	cps
Potassium	39-2	10412	10271	10412	10365	0.79	cps
Rhodium	103-1	5948361	5856356	5903362	5902693	0.78	cps
Rhodium	103-2	2943139	2972557	2984453	2966716	0.72	cps
Scandium	45-1	4677537	4611005	4686602	4658381	0.89	cps
Scandium	45-2	205058	204939	206721	205573	0.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	19	30	33	27	28.38	cps
Selenium	82-1	51	-1	8	19	141.60	cps
Silicon	28-1	117803	122341	115728	118624	2.85	cps
Silver	109-1	33	75	67	58	37.80	cps
Silver	107-1	142	150	117	136	12.75	cps
Sodium	23-2	4109	4476	4342	4309	4.31	cps
Strontium	86-1	292	267	317	292	8.57	cps
Strontium	88-1	383	408	383	392	3.69	cps
Sulfur	34-1	238021	241492	241822	240445	0.88	cps
Terbium	159-1	9500311	9307118	9402619	9403349	1.03	cps
Terbium	159-2	5330583	5323904	5313661	5322716	0.16	cps
Thallium	203-1	208	333	233	258	25.60	cps
Thallium	205-1	467	692	625	594	19.44	cps
Thorium	232-1	400	472	411	428	9.09	cps
Tin	118-1	492	283	458	411	27.22	cps
Titanium	47-1	17	142	42	67	99.21	cps
Uranium	238-1	33	83	33	50	57.75	cps
Vanadium	51-2	3	7	7	6	34.70	cps
Yttrium	89-1	7164333	7020578	7146278	7110396	1.10	cps
Yttrium	89-2	1121306	1122097	1124195	1122533	0.13	cps

LB Number : LB103342 Operator : Jaswal
Lab Sample ID : CCB68 Instrumnet Name : P7
Client Sample ID : CCB68 Dilution Factor : 1
Date & Time Acquired :: 2019-06-11 15:52:31 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	140	147	133	140	4.76	cps
Zirconium	90-1	558	425	533	506	14.02	cps
Zirconium	91-1	125	125	92	114	16.90	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : PB120351BS Instrumnet Name : P7
 Client Sample ID : PB120351BS Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:03:21 DataFile Name : 023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	540899	545466	532540	539635	1.21	cps
Antimony	121-1	2557029	2557669	2508541	2541080	1.11	cps
Arsenic	75-2	78367	77816	77976	78053	0.36	cps
Barium	135-1	3456469	3449180	3408062	3437904	0.76	cps
Barium	137-1	6041818	6033580	5987741	6021046	0.48	cps
Beryllium	9-1	721878	715006	702737	713207	1.36	cps
Bismuth	209-1	5762152	5794894	5775613	5777553	0.28	cps
Bismuth	209-2	3907712	3954154	3902459	3921442	0.73	cps
Boron	11-1	448754	450989	461225	453656	1.47	cps
Boron	10-1	102430	102664	103680	102925	0.65	cps
Cadmium	106-1	83998	84175	81551	83241	1.76	cps
Cadmium	108-1	55216	54693	53697	54535	1.41	cps
Cadmium	111-1	695460	693662	683391	690838	0.94	cps
Calcium	43-1	889501	889912	866484	881965	1.52	cps
Calcium	44-1	14236845	14224544	13962738	14141376	1.09	cps
Chromium	52-2	741168	742531	732428	738709	0.74	cps
Cobalt	59-2	1108228	1115844	1099275	1107782	0.75	cps
Copper	63-2	1420478	1418499	1405479	1414818	0.58	cps
Dysprosium	156-1	50	50	42	47	10.18	cps
Dysprosium	156-2	150	80	107	112	31.48	cps
Erbium	164-2	17	50	13	27	76.04	cps
Erbium	164-1	25	33	67	42	52.92	cps
Gadolinium	160-1	67	50	67	61	15.75	cps
Gadolinium	160-2	213	213	147	191	20.14	cps
Holmium	165-1	8881192	8815662	8806784	8834546	0.46	cps
Holmium	165-2	5189794	5199539	5151333	5180222	0.49	cps
Indium	115-1	5954585	5925450	5880304	5920113	0.63	cps
Indium	115-2	1320501	1328772	1312526	1320600	0.62	cps
Iron	56-2	31434837	31403483	31362428	31400250	0.12	cps
Iron	57-2	794115	796923	790197	793745	0.43	cps
Krypton	83-1	173	183	133	163	16.20	cps
Lead	206-1	2420104	2414026	2389245	2407792	0.68	cps
Lead	207-1	2195169	2185601	2189860	2190210	0.22	cps
Lead	208-1	9855132	9875146	9824648	9851642	0.26	cps
Lithium	6-1	2783940	2770421	2739758	2764706	0.82	cps
Magnesium	24-2	6200117	6178490	6121212	6166606	0.66	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : PB120351BS Instrumnet Name : P7
 Client Sample ID : PB120351BS Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:03:21 DataFile Name : 023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	933129	935387	927567	932027	0.43	cps
Molybdenum	94-1	5389691	5358617	5265743	5338017	1.21	cps
Molybdenum	95-1	6467296	6438077	6364092	6423155	0.83	cps
Molybdenum	96-1	7266698	7220901	7145217	7210939	0.85	cps
Molybdenum	97-1	3998610	3974424	3935023	3969352	0.81	cps
Molybdenum	98-1	10440439	10393736	10291527	10375234	0.73	cps
Neodymium	150-1	393	453	380	409	9.55	cps
Neodymium	150-2	30	47	47	41	23.41	cps
Nickel	60-2	276376	277939	272570	275628	1.00	cps
Phosphorus	31-2	27034	26867	26174	26691	1.71	cps
Potassium	39-2	3021075	3042481	3017225	3026927	0.45	cps
Rhodium	103-1	5233827	5199108	5176163	5203033	0.56	cps
Rhodium	103-2	2571642	2598819	2568394	2579618	0.65	cps
Scandium	45-1	4225965	4209601	4122264	4185943	1.33	cps
Scandium	45-2	179965	182404	180126	180832	0.75	cps
Selenium	77-2	2417	2427	2260	2368	3.95	cps
Selenium	78-2	7965	7928	7919	7937	0.31	cps
Selenium	82-1	50200	49983	49337	49840	0.90	cps
Silicon	28-1	2169019	2165854	2153805	2162892	0.37	cps
Silver	109-1	2946672	2901025	2873549	2907082	1.27	cps
Silver	107-1	3068593	3042400	2979833	3030275	1.50	cps
Sodium	23-2	12141230	12091939	11989244	12074138	0.64	cps
Strontium	86-1	881638	879454	859483	873525	1.40	cps
Strontium	88-1	7698032	7692613	7561574	7650740	1.01	cps
Sulfur	34-1	540997	530730	516315	529347	2.34	cps
Terbium	159-1	9112479	9101859	9104347	9106228	0.06	cps
Terbium	159-2	5056732	5106701	5028019	5063818	0.79	cps
Thallium	203-1	3007969	2977768	2958955	2981564	0.83	cps
Thallium	205-1	7279544	7242107	7201143	7240932	0.54	cps
Thorium	232-1	11704456	11943325	11752613	11800132	1.07	cps
Tin	118-1	2217214	2184227	2167636	2189692	1.15	cps
Titanium	47-1	1935346	1905496	1884617	1908486	1.34	cps
Uranium	238-1	10906004	10999118	10945565	10950229	0.43	cps
Vanadium	51-2	617929	614803	605095	612609	1.09	cps
Yttrium	89-1	6559925	6559191	6506053	6541723	0.47	cps
Yttrium	89-2	1006736	1016727	1004106	1009189	0.66	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : PB120351BS Instrumnet Name : P7
 Client Sample ID : PB120351BS Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:03:21 DataFile Name : 023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	238434	236842	236109	237128	0.50	cps
Zirconium	90-1	4547109	4518896	4455465	4507157	1.04	cps
Zirconium	91-1	1012103	1000138	994339	1002194	0.90	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24 Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:06:57 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	183	175	183	4.55	cps
Antimony	121-1	18112	17979	17829	17973	0.79	cps
Arsenic	75-2	669	748	739	719	6.06	cps
Barium	135-1	234606	232802	233260	233556	0.40	cps
Barium	137-1	406963	403047	404739	404916	0.49	cps
Beryllium	9-1	243	207	200	217	10.77	cps
Bismuth	209-1	5458055	5486122	5486575	5476918	0.30	cps
Bismuth	209-2	3536937	3539369	3523313	3533206	0.24	cps
Boron	11-1	903833	918629	915035	912499	0.85	cps
Boron	10-1	199263	201290	202184	200912	0.74	cps
Cadmium	106-1	2800	2275	2500	2525	10.43	cps
Cadmium	108-1	42	25	17	28	45.82	cps
Cadmium	111-1	2252	1809	1918	1993	11.59	cps
Calcium	43-1	3024774	2996641	3000972	3007462	0.50	cps
Calcium	44-1	48786051	48797910	48696702	48760221	0.11	cps
Chromium	52-2	3200	3097	3007	3101	3.12	cps
Cobalt	59-2	880	843	803	842	4.55	cps
Copper	63-2	7842	7819	8132	7931	2.20	cps
Dysprosium	156-1	42	42	17	33	43.30	cps
Dysprosium	156-2	20	20	13	18	21.66	cps
Erbium	164-2	20	30	27	26	19.92	cps
Erbium	164-1	33	33	58	42	34.65	cps
Gadolinium	160-1	50	33	33	39	24.75	cps
Gadolinium	160-2	177	100	133	137	28.13	cps
Holmium	165-1	8492318	8650635	8587743	8576899	0.93	cps
Holmium	165-2	4812651	4815050	4824235	4817312	0.13	cps
Indium	115-1	5625349	5643994	5648652	5639331	0.22	cps
Indium	115-2	1194586	1189562	1183890	1189346	0.45	cps
Iron	56-2	13733831	13600289	13431878	13588666	1.11	cps
Iron	57-2	364079	361073	352374	359175	1.69	cps
Krypton	83-1	187	177	217	193	10.77	cps
Lead	206-1	5007	4095	3523	4208	17.78	cps
Lead	207-1	4579	3840	2989	3803	20.92	cps
Lead	208-1	20401	16660	14393	17151	17.69	cps
Lithium	6-1	2737685	2736884	2723935	2732835	0.28	cps
Magnesium	24-2	5480987	5455566	5346109	5427554	1.32	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24 Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:06:57 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	975545	970747	953880	966724	1.18	cps
Molybdenum	94-1	5226	4818	4334	4793	9.32	cps
Molybdenum	95-1	7552	7235	7002	7263	3.80	cps
Molybdenum	96-1	7836	7894	7819	7850	0.50	cps
Molybdenum	97-1	4267	4117	4451	4279	3.90	cps
Molybdenum	98-1	12264	11113	10955	11444	6.25	cps
Neodymium	150-1	53	27	33	38	36.74	cps
Neodymium	150-2	17	0	27	14	93.26	cps
Nickel	60-2	727	723	740	730	1.21	cps
Phosphorus	31-2	125	242	150	172	35.67	cps
Potassium	39-2	388940	383530	380979	384483	1.06	cps
Rhodium	103-1	4797623	4866206	4833700	4832509	0.71	cps
Rhodium	103-2	2319248	2322679	2313002	2318310	0.21	cps
Scandium	45-1	3941424	3928703	3896011	3922046	0.60	cps
Scandium	45-2	159727	159996	156370	158698	1.27	cps
Selenium	77-2	7	10	13	10	33.30	cps
Selenium	78-2	33	20	19	24	33.52	cps
Selenium	82-1	396	515	382	431	16.91	cps
Silicon	28-1	50016001	49875421	49391799	49761074	0.66	cps
Silver	109-1	4668	3884	3726	4092	12.32	cps
Silver	107-1	5335	4376	4009	4573	14.97	cps
Sodium	23-2	45475054	45085136	44409246	44989812	1.20	cps
Strontium	86-1	2562732	2537718	2561039	2553830	0.55	cps
Strontium	88-1	22515911	22594541	22646504	22585652	0.29	cps
Sulfur	34-1	3363325	3328859	3341105	3344430	0.52	cps
Terbium	159-1	8755275	8826812	8871366	8817818	0.66	cps
Terbium	159-2	4702953	4710266	4678836	4697352	0.35	cps
Thallium	203-1	4384	3075	2225	3228	33.69	cps
Thallium	205-1	10013	7019	5093	7375	33.62	cps
Thorium	232-1	3634	3423	3123	3393	7.57	cps
Tin	118-1	9370	8653	9078	9034	3.99	cps
Titanium	47-1	1917	1975	1750	1881	6.21	cps
Uranium	238-1	8503	8053	8336	8297	2.74	cps
Vanadium	51-2	683	627	700	670	5.74	cps
Yttrium	89-1	6208702	6209384	6202783	6206956	0.06	cps
Yttrium	89-2	911361	905478	904548	907129	0.41	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24 Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:06:57 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	930	950	977	952	2.46	cps
Zirconium	90-1	2384	2075	2300	2253	7.08	cps
Zirconium	91-1	583	550	533	556	4.58	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24DUP Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528DL Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:10:34 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	150	150	156	6.18	cps
Antimony	121-1	10930	10696	10496	10707	2.03	cps
Arsenic	75-2	687	724	739	717	3.73	cps
Barium	135-1	222461	217432	216890	218928	1.40	cps
Barium	137-1	384966	379893	376242	380367	1.15	cps
Beryllium	9-1	140	167	123	143	15.25	cps
Bismuth	209-1	5299935	5279869	5226211	5268672	0.72	cps
Bismuth	209-2	3338566	3372352	3363069	3357996	0.52	cps
Boron	11-1	806559	810988	790968	802839	1.31	cps
Boron	10-1	174041	176739	172304	174361	1.28	cps
Cadmium	106-1	2359	2550	2567	2492	4.65	cps
Cadmium	108-1	17	17	21	18	13.30	cps
Cadmium	111-1	1719	1840	1857	1805	4.19	cps
Calcium	43-1	2715887	2684135	2628755	2676259	1.65	cps
Calcium	44-1	44054241	43512212	42526519	43364324	1.79	cps
Chromium	52-2	2050	2167	2077	2098	2.91	cps
Cobalt	59-2	643	767	653	688	9.96	cps
Copper	63-2	8509	8759	8893	8720	2.23	cps
Dysprosium	156-1	75	17	8	33	108.97	cps
Dysprosium	156-2	20	30	13	21	39.75	cps
Erbium	164-2	7	7	27	13	86.58	cps
Erbium	164-1	33	42	33	36	13.33	cps
Gadolinium	160-1	58	42	58	53	18.23	cps
Gadolinium	160-2	127	130	153	137	10.63	cps
Holmium	165-1	8268488	8302046	8208881	8259805	0.57	cps
Holmium	165-2	4532213	4602198	4547863	4560758	0.81	cps
Indium	115-1	5344712	5302283	5244241	5297079	0.95	cps
Indium	115-2	1082338	1101196	1091052	1091528	0.86	cps
Iron	56-2	11936826	11933568	11788301	11886232	0.71	cps
Iron	57-2	315172	312403	312465	313347	0.50	cps
Krypton	83-1	177	160	137	158	12.73	cps
Lead	206-1	2156	1878	1822	1952	9.15	cps
Lead	207-1	1784	1639	1711	1711	4.22	cps
Lead	208-1	8079	7279	7312	7557	5.99	cps
Lithium	6-1	2439906	2393213	2343695	2392271	2.01	cps
Magnesium	24-2	4633357	4606593	4545153	4595034	0.98	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24DUP Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528DL Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:10:34 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	844190	848401	838640	843744	0.58	cps
Molybdenum	94-1	3601	3667	3417	3562	3.64	cps
Molybdenum	95-1	5151	5626	5260	5346	4.66	cps
Molybdenum	96-1	6193	6160	5610	5988	5.47	cps
Molybdenum	97-1	3226	3459	3601	3428	5.52	cps
Molybdenum	98-1	8753	8620	8503	8625	1.45	cps
Neodymium	150-1	73	33	47	51	39.86	cps
Neodymium	150-2	3	13	7	8	65.47	cps
Nickel	60-2	590	610	560	587	4.29	cps
Phosphorus	31-2	158	133	142	144	8.81	cps
Potassium	39-2	328003	332066	326671	328913	0.85	cps
Rhodium	103-1	4568300	4540143	4470242	4526229	1.12	cps
Rhodium	103-2	2106816	2131327	2111352	2116498	0.62	cps
Scandium	45-1	3561110	3506588	3423029	3496909	1.99	cps
Scandium	45-2	137897	139055	135004	137319	1.52	cps
Selenium	77-2	10	3	7	7	50.03	cps
Selenium	78-2	17	24	28	23	24.76	cps
Selenium	82-1	358	386	395	380	5.13	cps
Silicon	28-1	44105068	43457677	42590639	43384461	1.75	cps
Silver	109-1	2092	2109	2467	2222	9.53	cps
Silver	107-1	2367	2834	2467	2556	9.61	cps
Sodium	23-2	38420035	38434621	37825530	38226729	0.91	cps
Strontium	86-1	2378884	2361028	2339399	2359770	0.84	cps
Strontium	88-1	21130106	20822557	20595458	20849374	1.29	cps
Sulfur	34-1	2981090	2931325	2869100	2927171	1.92	cps
Terbium	159-1	8511469	8431102	8403983	8448851	0.66	cps
Terbium	159-2	4414137	4471938	4424839	4436972	0.69	cps
Thallium	203-1	458	275	242	325	35.90	cps
Thallium	205-1	875	842	700	806	11.54	cps
Thorium	232-1	1050	1239	1161	1150	8.26	cps
Tin	118-1	6460	6360	6227	6349	1.84	cps
Titanium	47-1	1725	1592	1617	1645	4.31	cps
Uranium	238-1	7861	8303	7894	8019	3.07	cps
Vanadium	51-2	600	533	603	579	6.82	cps
Yttrium	89-1	5816316	5756537	5676551	5749802	1.22	cps
Yttrium	89-2	813295	821369	813220	815961	0.57	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24DUP Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528DL Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:10:34 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	763	760	687	737	5.88	cps
Zirconium	90-1	1667	1625	1633	1642	1.34	cps
Zirconium	91-1	325	417	383	375	12.37	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24LX5 Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528L Dilution Factor : 5
 Date & Time Acquired :: 2019-06-11 16:14:11 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	33	25	31	15.74	cps
Antimony	121-1	2475	2392	2284	2384	4.03	cps
Arsenic	75-2	172	135	135	148	14.49	cps
Barium	135-1	45308	43946	43820	44358	1.86	cps
Barium	137-1	77307	76720	75523	76517	1.19	cps
Beryllium	9-1	107	177	113	132	29.22	cps
Bismuth	209-1	5656340	5627190	5576794	5620108	0.72	cps
Bismuth	209-2	3707251	3709015	3647867	3688044	0.94	cps
Boron	11-1	189616	188969	189127	189237	0.18	cps
Boron	10-1	40931	42043	42636	41870	2.07	cps
Cadmium	106-1	2550	2409	2434	2464	3.07	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Cadmium	111-1	1800	1708	1723	1744	2.84	cps
Calcium	43-1	545911	548923	535889	543574	1.26	cps
Calcium	44-1	8846743	8838211	8774434	8819796	0.45	cps
Chromium	52-2	670	757	660	696	7.64	cps
Cobalt	59-2	137	177	180	164	14.66	cps
Copper	63-2	3274	3150	2940	3121	5.40	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-2	7	17	13	12	41.65	cps
Erbium	164-1	58	17	50	42	52.91	cps
Gadolinium	160-1	25	25	17	22	21.64	cps
Gadolinium	160-2	157	147	183	162	11.68	cps
Holmium	165-1	8455741	8406557	8359416	8407238	0.57	cps
Holmium	165-2	4836795	4810959	4730378	4792711	1.16	cps
Indium	115-1	5602665	5590485	5587030	5593394	0.15	cps
Indium	115-2	1208051	1208236	1190053	1202113	0.87	cps
Iron	56-2	2647655	2658942	2636051	2647549	0.43	cps
Iron	57-2	70731	71184	70971	70962	0.32	cps
Krypton	83-1	140	113	120	124	11.15	cps
Lead	206-1	961	928	956	948	1.88	cps
Lead	207-1	883	806	906	865	6.07	cps
Lead	208-1	3884	3706	3823	3804	2.37	cps
Lithium	6-1	2230454	2218819	2202923	2217399	0.62	cps
Magnesium	24-2	1004569	1002697	995303	1000856	0.49	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24LX5 Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528L Dilution Factor : 5
 Date & Time Acquired :: 2019-06-11 16:14:11 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	187085	187092	185485	186554	0.50	cps
Molybdenum	94-1	967	883	1067	972	9.44	cps
Molybdenum	95-1	1100	1008	1175	1095	7.63	cps
Molybdenum	96-1	1217	1233	1233	1228	0.78	cps
Molybdenum	97-1	758	825	708	764	7.66	cps
Molybdenum	98-1	1792	1917	1867	1859	3.39	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	163	157	170	163	4.08	cps
Phosphorus	31-2	67	67	75	69	6.93	cps
Potassium	39-2	77972	78399	76079	77483	1.59	cps
Rhodium	103-1	4917483	4894146	4890939	4900856	0.30	cps
Rhodium	103-2	2374535	2369013	2336120	2359889	0.88	cps
Scandium	45-1	3631932	3606068	3553666	3597222	1.11	cps
Scandium	45-2	151662	148926	148178	149589	1.23	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	24	19	11	18	36.33	cps
Selenium	82-1	130	145	116	130	11.08	cps
Silicon	28-1	8921699	8936023	8854653	8904125	0.49	cps
Silver	109-1	442	500	583	508	14.01	cps
Silver	107-1	692	483	442	539	24.86	cps
Sodium	23-2	8270020	8284308	8161744	8238691	0.81	cps
Strontium	86-1	482693	479187	478262	480047	0.49	cps
Strontium	88-1	4197260	4178795	4188133	4188063	0.22	cps
Sulfur	34-1	730538	728820	719472	726277	0.82	cps
Terbium	159-1	8679553	8627852	8566349	8624585	0.66	cps
Terbium	159-2	4724381	4694191	4644022	4687531	0.87	cps
Thallium	203-1	192	142	133	156	20.28	cps
Thallium	205-1	342	392	292	342	14.63	cps
Thorium	232-1	422	417	422	420	0.76	cps
Tin	118-1	983	975	842	933	8.52	cps
Titanium	47-1	275	267	275	272	1.77	cps
Uranium	238-1	1659	1642	1867	1722	7.28	cps
Vanadium	51-2	133	137	133	134	1.43	cps
Yttrium	89-1	5968351	5963175	5928857	5953461	0.36	cps
Yttrium	89-2	893581	891384	876910	887292	1.02	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24LX5 Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528L Dilution Factor : 5
 Date & Time Acquired :: 2019-06-11 16:14:11 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	300	310	307	306	1.67	cps
Zirconium	90-1	600	633	625	619	2.80	cps
Zirconium	91-1	133	108	117	119	10.66	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24MS Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528MS Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:17:49 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	339388	333525	333159	335357	1.04	cps
Antimony	121-1	2068792	2050310	2044253	2054452	0.62	cps
Arsenic	75-2	57496	56338	56416	56750	1.14	cps
Barium	135-1	2981007	2959282	2952173	2964154	0.51	cps
Barium	137-1	5232569	5229599	5211087	5224418	0.22	cps
Beryllium	9-1	467599	463111	453070	461260	1.61	cps
Bismuth	209-1	4822123	4826316	4803778	4817406	0.25	cps
Bismuth	209-2	3116495	3118607	3104387	3113163	0.25	cps
Boron	11-1	938829	936908	938621	938119	0.11	cps
Boron	10-1	206044	206347	206051	206147	0.08	cps
Cadmium	106-1	63635	61493	61576	62235	1.95	cps
Cadmium	108-1	41009	40884	40533	40809	0.61	cps
Cadmium	111-1	526366	521083	517790	521746	0.83	cps
Calcium	43-1	2875352	2827842	2789161	2830785	1.53	cps
Calcium	44-1	46248928	45753357	45086481	45696256	1.28	cps
Chromium	52-2	516271	509520	505019	510270	1.11	cps
Cobalt	59-2	778900	774620	760822	771447	1.22	cps
Copper	63-2	1002752	987877	989137	993255	0.83	cps
Dysprosium	156-1	92	83	125	100	22.05	cps
Dysprosium	156-2	83	60	57	67	21.79	cps
Erbium	164-2	37	33	10	27	54.49	cps
Erbium	164-1	67	58	58	61	7.87	cps
Gadolinium	160-1	33	58	33	42	34.65	cps
Gadolinium	160-2	153	147	147	149	2.59	cps
Holmium	165-1	7588054	7584228	7566617	7579633	0.15	cps
Holmium	165-2	4236227	4243320	4247070	4242206	0.13	cps
Indium	115-1	4693682	4637600	4598576	4643286	1.03	cps
Indium	115-2	974737	975254	967161	972384	0.47	cps
Iron	56-2	31226528	30865232	30470856	30854205	1.22	cps
Iron	57-2	800550	792043	786466	793020	0.89	cps
Krypton	83-1	163	140	130	144	11.84	cps
Lead	206-1	2097192	2104977	2109281	2103817	0.29	cps
Lead	207-1	1842202	1855829	1859356	1852462	0.49	cps
Lead	208-1	8397257	8411658	8431895	8413604	0.21	cps
Lithium	6-1	2018135	1992951	1956651	1989246	1.55	cps
Magnesium	24-2	7565660	7445613	7390316	7467197	1.20	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24MS Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528MS Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:17:49 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1369548	1353970	1343854	1355791	0.95	cps
Molybdenum	94-1	4242938	4186221	4160709	4196623	1.00	cps
Molybdenum	95-1	5064757	5024715	4985869	5025114	0.78	cps
Molybdenum	96-1	5696785	5678746	5609087	5661539	0.82	cps
Molybdenum	97-1	3141532	3118493	3111356	3123794	0.50	cps
Molybdenum	98-1	8195216	8165555	8117180	8159317	0.48	cps
Neodymium	150-1	293	333	360	329	10.20	cps
Neodymium	150-2	40	30	20	30	33.33	cps
Nickel	60-2	193187	191397	189500	191361	0.96	cps
Phosphorus	31-2	117	100	92	103	12.39	cps
Potassium	39-2	2189661	2152623	2137068	2159784	1.25	cps
Rhodium	103-1	3957591	3919588	3882537	3919905	0.96	cps
Rhodium	103-2	1884343	1886759	1873081	1881395	0.39	cps
Scandium	45-1	3063381	3009386	2964996	3012588	1.64	cps
Scandium	45-2	121376	120007	119685	120356	0.75	cps
Selenium	77-2	1733	1863	1753	1783	3.93	cps
Selenium	78-2	5688	5675	5797	5720	1.17	cps
Selenium	82-1	38957	38284	38534	38591	0.88	cps
Silicon	28-1	36684100	36155173	35936058	36258444	1.06	cps
Silver	109-1	2144515	2125082	2106478	2125358	0.89	cps
Silver	107-1	2236637	2201235	2203894	2213922	0.89	cps
Sodium	23-2	40820916	40293243	39816478	40310212	1.25	cps
Strontium	86-1	2695941	2669422	2652287	2672550	0.82	cps
Strontium	88-1	23707272	23520006	23440192	23555823	0.58	cps
Sulfur	34-1	2407961	2356771	2336424	2367052	1.56	cps
Terbium	159-1	7710448	7728341	7662364	7700384	0.44	cps
Terbium	159-2	4131594	4125547	4131292	4129478	0.08	cps
Thallium	203-1	2562425	2569767	2577476	2569889	0.29	cps
Thallium	205-1	6187235	6227645	6231713	6215531	0.40	cps
Thorium	232-1	2100	1878	1656	1878	11.84	cps
Tin	118-1	1731419	1723061	1719003	1724494	0.37	cps
Titanium	47-1	1372144	1351748	1327609	1350500	1.65	cps
Uranium	238-1	10429139	10496290	10488340	10471256	0.35	cps
Vanadium	51-2	430901	422898	420767	424855	1.26	cps
Yttrium	89-1	5097810	5065478	5019690	5060993	0.78	cps
Yttrium	89-2	737471	731391	728672	732511	0.61	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24MS Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528MS Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:17:49 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	155651	154968	153749	154789	0.62	cps
Zirconium	90-1	3679393	3608903	3610646	3632981	1.11	cps
Zirconium	91-1	828050	821548	810658	820085	1.07	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24MSD Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528MS Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:21:26 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	305796	309522	305255	306858	0.76	cps
Antimony	121-1	1948192	1954990	1960715	1954632	0.32	cps
Arsenic	75-2	52966	54044	53165	53392	1.07	cps
Barium	135-1	2816084	2808856	2789575	2804838	0.49	cps
Barium	137-1	4926987	4908520	4912306	4915938	0.20	cps
Beryllium	9-1	423984	416355	415587	418642	1.11	cps
Bismuth	209-1	4712101	4699283	4722579	4711321	0.25	cps
Bismuth	209-2	3049383	3083354	3086008	3072915	0.66	cps
Boron	11-1	862778	870226	870166	867723	0.49	cps
Boron	10-1	190081	193709	191041	191610	0.98	cps
Cadmium	106-1	58522	58438	58103	58354	0.38	cps
Cadmium	108-1	39192	38611	38895	38899	0.75	cps
Cadmium	111-1	498410	495802	493119	495777	0.53	cps
Calcium	43-1	2658188	2628726	2626386	2637767	0.67	cps
Calcium	44-1	42907749	42615129	42461037	42661305	0.53	cps
Chromium	52-2	478771	481093	477259	479041	0.40	cps
Cobalt	59-2	726266	729982	726536	727595	0.28	cps
Copper	63-2	921251	929283	922837	924457	0.46	cps
Dysprosium	156-1	67	67	58	64	7.53	cps
Dysprosium	156-2	67	87	93	82	16.88	cps
Erbium	164-2	30	23	17	23	28.56	cps
Erbium	164-1	33	50	50	44	21.66	cps
Gadolinium	160-1	50	42	67	53	24.12	cps
Gadolinium	160-2	140	123	177	147	18.60	cps
Holmium	165-1	7341392	7406631	7443456	7397160	0.70	cps
Holmium	165-2	4123312	4188316	4180470	4164033	0.85	cps
Indium	115-1	4472388	4447666	4467449	4462501	0.29	cps
Indium	115-2	940478	949167	945167	944937	0.46	cps
Iron	56-2	28870112	28984879	28906921	28920637	0.20	cps
Iron	57-2	740519	745180	746218	743972	0.41	cps
Krypton	83-1	153	137	137	142	6.77	cps
Lead	206-1	2050862	2054836	2040074	2048590	0.37	cps
Lead	207-1	1802774	1807772	1808005	1806184	0.16	cps
Lead	208-1	8202966	8193728	8196554	8197749	0.06	cps
Lithium	6-1	1824978	1816666	1800739	1814127	0.68	cps
Magnesium	24-2	6996183	7056256	6991282	7014574	0.52	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24MSD Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528MS Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:21:26 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1270437	1282719	1276472	1276543	0.48	cps
Molybdenum	94-1	3926494	3908805	3917926	3917742	0.23	cps
Molybdenum	95-1	4690708	4676146	4670387	4679080	0.22	cps
Molybdenum	96-1	5295642	5276843	5271530	5281338	0.24	cps
Molybdenum	97-1	2921812	2908976	2906215	2912335	0.29	cps
Molybdenum	98-1	7646633	7598998	7581667	7609099	0.44	cps
Neodymium	150-1	307	273	273	284	6.76	cps
Neodymium	150-2	20	37	30	29	29.04	cps
Nickel	60-2	180417	181558	180137	180704	0.42	cps
Phosphorus	31-2	50	75	67	64	19.92	cps
Potassium	39-2	1994016	1994269	1989419	1992568	0.14	cps
Rhodium	103-1	3773347	3752381	3748923	3758217	0.35	cps
Rhodium	103-2	1823310	1839366	1828956	1830544	0.44	cps
Scandium	45-1	2804914	2802437	2799075	2802142	0.10	cps
Scandium	45-2	112305	114236	112808	113116	0.89	cps
Selenium	77-2	1500	1573	1613	1562	3.68	cps
Selenium	78-2	5288	5368	5388	5348	0.99	cps
Selenium	82-1	36628	36336	36709	36558	0.54	cps
Silicon	28-1	33603979	33525364	33440486	33523276	0.24	cps
Silver	109-1	2008850	2005322	2001035	2005069	0.20	cps
Silver	107-1	2105729	2092666	2081156	2093184	0.59	cps
Sodium	23-2	36810516	36884203	36660030	36784916	0.31	cps
Strontium	86-1	2569678	2552518	2531968	2551388	0.74	cps
Strontium	88-1	22546459	22450320	22368423	22455068	0.40	cps
Sulfur	34-1	2212033	2185392	2177905	2191777	0.82	cps
Terbium	159-1	7518041	7523664	7575184	7538963	0.42	cps
Terbium	159-2	4000837	4063371	4056703	4040304	0.85	cps
Thallium	203-1	2489675	2491802	2492489	2491322	0.06	cps
Thallium	205-1	6045398	6055206	6112764	6071122	0.60	cps
Thorium	232-1	1361	1328	1300	1330	2.30	cps
Tin	118-1	1624084	1630964	1622758	1625936	0.27	cps
Titanium	47-1	1243702	1229469	1221670	1231613	0.91	cps
Uranium	238-1	10228138	10238880	10257785	10241601	0.15	cps
Vanadium	51-2	396258	398234	396954	397148	0.25	cps
Yttrium	89-1	4818348	4822012	4834515	4824958	0.18	cps
Yttrium	89-2	701259	709565	707457	706094	0.61	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24MSD Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528MS Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:21:26 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	143857	143954	142355	143389	0.63	cps
Zirconium	90-1	3416089	3400597	3407155	3407947	0.23	cps
Zirconium	91-1	777795	774391	769679	773955	0.53	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24A Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528A Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:25:03 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	292293	289110	290990	290798	0.55	cps
Antimony	121-1	1934202	1938212	1945722	1939379	0.30	cps
Arsenic	75-2	51322	50541	51578	51147	1.06	cps
Barium	135-1	2785680	2789041	2774013	2782911	0.28	cps
Barium	137-1	4884615	4892526	4908920	4895354	0.25	cps
Beryllium	9-1	406928	401107	400187	402741	0.91	cps
Bismuth	209-1	4712872	4743885	4649619	4702126	1.02	cps
Bismuth	209-2	3015925	2937437	2991115	2981492	1.35	cps
Boron	11-1	833422	848577	842784	841594	0.91	cps
Boron	10-1	182075	185625	184890	184196	1.02	cps
Cadmium	106-1	59676	56656	58111	58148	2.60	cps
Cadmium	108-1	38306	38164	37713	38061	0.81	cps
Cadmium	111-1	492618	489899	489075	490531	0.38	cps
Calcium	43-1	2561986	2543330	2534989	2546768	0.54	cps
Calcium	44-1	41244464	41190197	41176870	41203844	0.09	cps
Chromium	52-2	461139	450263	456197	455866	1.19	cps
Cobalt	59-2	705856	687421	698865	697381	1.33	cps
Copper	63-2	897742	881144	888993	889293	0.93	cps
Dysprosium	156-1	75	42	33	50	44.10	cps
Dysprosium	156-2	77	87	70	78	10.79	cps
Erbium	164-2	13	20	17	17	20.01	cps
Erbium	164-1	83	33	67	61	41.67	cps
Gadolinium	160-1	50	33	25	36	35.25	cps
Gadolinium	160-2	127	123	120	123	2.70	cps
Holmium	165-1	7392322	7473864	7297023	7387736	1.20	cps
Holmium	165-2	4092855	3998758	4068917	4053510	1.21	cps
Indium	115-1	4410713	4461862	4337451	4403342	1.42	cps
Indium	115-2	917952	904241	908529	910241	0.77	cps
Iron	56-2	28111206	27356392	27736994	27734864	1.36	cps
Iron	57-2	719005	702517	710153	710558	1.16	cps
Krypton	83-1	127	167	127	140	16.50	cps
Lead	206-1	2047116	2065348	2056568	2056344	0.44	cps
Lead	207-1	1796448	1825475	1813782	1811902	0.81	cps
Lead	208-1	8191801	8251295	8231565	8224887	0.37	cps
Lithium	6-1	1734130	1734422	1699154	1722569	1.18	cps
Magnesium	24-2	6742313	6536621	6632975	6637303	1.55	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24A Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528A Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:25:03 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1232381	1204491	1223310	1220061	1.17	cps
Molybdenum	94-1	3866149	3887510	3881390	3878350	0.28	cps
Molybdenum	95-1	4599713	4635510	4628339	4621187	0.41	cps
Molybdenum	96-1	5176826	5229683	5241773	5216094	0.66	cps
Molybdenum	97-1	2879281	2889857	2879480	2882873	0.21	cps
Molybdenum	98-1	7503419	7555241	7552104	7536921	0.39	cps
Neodymium	150-1	253	300	273	276	8.50	cps
Neodymium	150-2	60	23	33	39	48.75	cps
Nickel	60-2	172588	172232	173179	172666	0.28	cps
Phosphorus	31-2	75	133	125	111	28.40	cps
Potassium	39-2	1909284	1859189	1883818	1884097	1.33	cps
Rhodium	103-1	3696799	3762812	3666828	3708813	1.32	cps
Rhodium	103-2	1775310	1749267	1776532	1767037	0.87	cps
Scandium	45-1	2735604	2743659	2685047	2721437	1.17	cps
Scandium	45-2	108208	105761	109638	107869	1.82	cps
Selenium	77-2	1617	1483	1457	1519	5.64	cps
Selenium	78-2	5292	4979	5125	5132	3.05	cps
Selenium	82-1	35673	35468	35402	35514	0.40	cps
Silicon	28-1	32087112	32096134	32226748	32136665	0.24	cps
Silver	109-1	1977100	1992292	1976500	1981964	0.45	cps
Silver	107-1	2065553	2068189	2065008	2066250	0.08	cps
Sodium	23-2	35612517	34556027	34924065	35030870	1.53	cps
Strontium	86-1	2501402	2487328	2500217	2496316	0.31	cps
Strontium	88-1	21974610	22057681	22139812	22057368	0.37	cps
Sulfur	34-1	2119169	2102032	2099425	2106875	0.51	cps
Terbium	159-1	7470467	7601703	7408694	7493622	1.32	cps
Terbium	159-2	3966590	3851996	3934634	3917740	1.51	cps
Thallium	203-1	2500592	2500115	2506145	2502284	0.13	cps
Thallium	205-1	6078954	6104439	6116726	6100040	0.32	cps
Thorium	232-1	1017	1022	1017	1019	0.31	cps
Tin	118-1	1617500	1620654	1626922	1621692	0.30	cps
Titanium	47-1	1211605	1200951	1197564	1203373	0.61	cps
Uranium	238-1	10123319	10241646	10351985	10238983	1.12	cps
Vanadium	51-2	383698	373045	376550	377764	1.44	cps
Yttrium	89-1	4737379	4812468	4695003	4748283	1.25	cps
Yttrium	89-2	686043	668949	679384	678125	1.27	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-24A Instrumnet Name : P7
 Client Sample ID : LF012MW029-190528A Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:25:03 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	139243	136433	137695	137790	1.02	cps
Zirconium	90-1	3367481	3363972	3346344	3359266	0.34	cps
Zirconium	91-1	764453	763965	762854	763758	0.11	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-25 Instrumnet Name : P7
 Client Sample ID : LF012RW042-190529 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:28:40 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	525	475	592	531	11.04	cps
Antimony	121-1	5043	5301	4951	5098	3.56	cps
Arsenic	75-2	1926	1869	1861	1885	1.88	cps
Barium	135-1	121224	119728	120677	120543	0.63	cps
Barium	137-1	208569	208964	205904	207812	0.80	cps
Beryllium	9-1	200	127	163	163	22.45	cps
Bismuth	209-1	4928404	4941655	4922886	4930982	0.20	cps
Bismuth	209-2	3238844	2741520	3078024	3019463	8.40	cps
Boron	11-1	159828	158895	152791	157171	2.43	cps
Boron	10-1	33989	34290	33797	34025	0.73	cps
Cadmium	106-1	1925	2142	2034	2034	5.33	cps
Cadmium	108-1	21	17	25	21	19.99	cps
Cadmium	111-1	1496	1634	1527	1552	4.66	cps
Calcium	43-1	1638168	1621333	1612544	1624015	0.80	cps
Calcium	44-1	26660745	26479252	26394525	26511507	0.51	cps
Chromium	52-2	1720	1750	1537	1669	6.92	cps
Cobalt	59-2	847	833	867	849	1.98	cps
Copper	63-2	5601	5391	5341	5444	2.53	cps
Dysprosium	156-1	100	75	50	75	33.34	cps
Dysprosium	156-2	47	47	23	39	34.65	cps
Erbium	164-2	33	43	43	40	14.43	cps
Erbium	164-1	75	83	67	75	11.11	cps
Gadolinium	160-1	42	50	100	64	49.39	cps
Gadolinium	160-2	170	153	123	149	15.88	cps
Holmium	165-1	7175346	7223511	7288737	7229198	0.79	cps
Holmium	165-2	4184131	3496171	3932757	3871019	8.99	cps
Indium	115-1	4407393	4378381	4361034	4382269	0.53	cps
Indium	115-2	965400	802854	911173	893142	9.27	cps
Iron	56-2	11862383	11865360	11888787	11872176	0.12	cps
Iron	57-2	306126	307825	307859	307270	0.32	cps
Krypton	83-1	137	127	100	121	15.65	cps
Lead	206-1	1528	1428	1333	1430	6.80	cps
Lead	207-1	1200	1333	1233	1256	5.53	cps
Lead	208-1	5690	5740	5545	5658	1.78	cps
Lithium	6-1	1604151	1588882	1575495	1589509	0.90	cps
Magnesium	24-2	877710	884629	881989	881443	0.40	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : K3129-25 Instrumnet Name : P7
 Client Sample ID : LF012RW042-190529 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:28:40 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	304269	305506	306885	305553	0.43	cps
Molybdenum	94-1	2725	2309	2309	2448	9.83	cps
Molybdenum	95-1	1709	1567	1308	1528	13.28	cps
Molybdenum	96-1	2467	2134	1734	2111	17.39	cps
Molybdenum	97-1	1017	933	892	947	6.72	cps
Molybdenum	98-1	2709	2759	2409	2625	7.21	cps
Neodymium	150-1	73	87	87	82	9.36	cps
Neodymium	150-2	23	13	23	20	28.87	cps
Nickel	60-2	383	330	370	361	7.69	cps
Phosphorus	31-2	2125	2342	2125	2197	5.69	cps
Potassium	39-2	374204	375207	380718	376710	0.93	cps
Rhodium	103-1	3730436	3694503	3701701	3708880	0.51	cps
Rhodium	103-2	1870528	1544533	1750534	1721865	9.58	cps
Scandium	45-1	2577020	2547087	2542310	2555472	0.74	cps
Scandium	45-2	107416	87685	101411	98837	10.23	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	13	22	24	20	30.14	cps
Selenium	82-1	137	154	173	155	11.47	cps
Silicon	28-1	21855739	21716784	21543722	21705415	0.72	cps
Silver	109-1	1083	1025	692	933	22.64	cps
Silver	107-1	1083	983	1058	1042	5.00	cps
Sodium	23-2	4758994	4735819	4745662	4746825	0.25	cps
Strontium	86-1	522807	524261	523187	523418	0.14	cps
Strontium	88-1	4675991	4643772	4662094	4660619	0.35	cps
Sulfur	34-1	195169	197432	198901	197167	0.95	cps
Terbium	159-1	7356875	7354627	7372147	7361216	0.13	cps
Terbium	159-2	4062536	3377728	3823079	3754448	9.26	cps
Thallium	203-1	1083	875	717	892	20.63	cps
Thallium	205-1	2367	2167	1684	2072	16.95	cps
Thorium	232-1	300	406	328	344	15.89	cps
Tin	118-1	8953	8820	8636	8803	1.81	cps
Titanium	47-1	2117	2084	1875	2025	6.47	cps
Uranium	238-1	1892	1709	1659	1753	7.01	cps
Vanadium	51-2	1964	1940	2057	1987	3.11	cps
Yttrium	89-1	4603185	4586607	4595985	4595259	0.18	cps
Yttrium	89-2	693480	570487	649711	637892	9.77	cps

LB Number : LB103342 Operator : Jaswal
Lab Sample ID : K3129-25 Instrumnet Name : P7
Client Sample ID : LF012RW042-190529 Dilution Factor : 1
Date & Time Acquired :: 2019-06-11 16:28:40 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	660	703	713	692	4.10	cps
Zirconium	90-1	4343	4434	4176	4318	3.03	cps
Zirconium	91-1	1000	1008	1108	1039	5.80	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCV69 Instrumnet Name : P7
 Client Sample ID : CCV69 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:32:51 DataFile Name : 031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1997737	1980581	1998575	1992298	0.51	cps
Antimony	121-1	1859781	1881393	1905352	1882175	1.21	cps
Arsenic	75-2	59553	59499	60471	59841	0.91	cps
Barium	135-1	2714365	2752001	2751825	2739397	0.79	cps
Barium	137-1	4784286	4857985	4896333	4846201	1.18	cps
Beryllium	9-1	437008	446774	450941	444908	1.61	cps
Bismuth	209-1	4866493	4663392	4399305	4643063	5.05	cps
Bismuth	209-2	3206947	3171374	3195837	3191386	0.57	cps
Boron	11-1	301514	315644	323341	313500	3.53	cps
Boron	10-1	68171	71871	73546	71196	3.86	cps
Cadmium	106-1	65067	65946	66783	65932	1.30	cps
Cadmium	108-1	43855	43613	44244	43904	0.72	cps
Cadmium	111-1	560698	566270	575701	567556	1.34	cps
Calcium	43-1	2887617	2906112	2930813	2908181	0.75	cps
Calcium	44-1	46698415	47083807	47697375	47159866	1.07	cps
Chromium	52-2	538414	533829	537785	536676	0.46	cps
Cobalt	59-2	794081	791565	798711	794786	0.46	cps
Copper	63-2	1121819	1119870	1121899	1121196	0.10	cps
Dysprosium	156-1	83	42	117	81	46.64	cps
Dysprosium	156-2	83	103	63	83	24.01	cps
Erbium	164-2	13	27	30	23	37.81	cps
Erbium	164-1	25	17	17	19	24.73	cps
Gadolinium	160-1	83	83	117	94	20.37	cps
Gadolinium	160-2	160	113	203	159	28.33	cps
Holmium	165-1	7658611	7344166	6943434	7315404	4.90	cps
Holmium	165-2	4379305	4384546	4391619	4385156	0.14	cps
Indium	115-1	4593734	4405316	4138959	4379336	5.22	cps
Indium	115-2	1015317	1009396	1021290	1015335	0.59	cps
Iron	56-2	108847861	108278977	108973702	108700180	0.34	cps
Iron	57-2	2745461	2727684	2780630	2751258	0.98	cps
Krypton	83-1	130	113	123	122	6.86	cps
Lead	206-1	2034558	2036455	2071018	2047344	1.00	cps
Lead	207-1	1852421	1856560	1876019	1861667	0.68	cps
Lead	208-1	8285179	8299348	8371459	8318662	0.56	cps
Lithium	6-1	1732140	1695097	1625410	1684215	3.22	cps
Magnesium	24-2	20381093	20261763	20534778	20392545	0.67	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCV69 Instrumnet Name : P7
 Client Sample ID : CCV69 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:32:51 DataFile Name : 031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	670213	666162	673307	669894	0.53	cps
Molybdenum	94-1	3991717	3989159	4037236	4006038	0.68	cps
Molybdenum	95-1	4878933	4864617	4924821	4889457	0.64	cps
Molybdenum	96-1	5456794	5476075	5549595	5494155	0.89	cps
Molybdenum	97-1	3030422	3025196	3059274	3038297	0.60	cps
Molybdenum	98-1	7861088	7910188	8026187	7932488	1.07	cps
Neodymium	150-1	307	340	307	318	6.06	cps
Neodymium	150-2	40	27	47	38	26.95	cps
Nickel	60-2	194997	193822	195639	194819	0.47	cps
Phosphorus	31-2	18704	17653	18462	18273	3.01	cps
Potassium	39-2	10330041	10219796	10358878	10302905	0.71	cps
Rhodium	103-1	3868959	3637485	3469366	3658603	5.48	cps
Rhodium	103-2	1922216	1898744	1920740	1913900	0.69	cps
Scandium	45-1	2935751	2804137	2681660	2807183	4.53	cps
Scandium	45-2	129143	127695	128706	128515	0.58	cps
Selenium	77-2	1713	1860	1860	1811	4.68	cps
Selenium	78-2	5883	6111	5988	5994	1.90	cps
Selenium	82-1	37599	36850	37712	37387	1.25	cps
Silicon	28-1	1381252	1396900	1414348	1397500	1.18	cps
Silver	109-1	2339348	2363418	2379388	2360718	0.85	cps
Silver	107-1	2460109	2442311	2477847	2460089	0.72	cps
Sodium	23-2	43096724	42776612	43355754	43076363	0.67	cps
Strontium	86-1	651014	654965	659800	655260	0.67	cps
Strontium	88-1	5694044	5748126	5837613	5759928	1.26	cps
Sulfur	34-1	341733	340256	344006	341998	0.55	cps
Terbium	159-1	7782431	7448688	7060838	7430653	4.86	cps
Terbium	159-2	4250601	4225445	4267375	4247807	0.50	cps
Thallium	203-1	2520038	2511643	2542549	2524743	0.63	cps
Thallium	205-1	6084751	6121785	6231740	6146092	1.24	cps
Thorium	232-1	10655689	10714625	10790526	10720280	0.63	cps
Tin	118-1	1689033	1715915	1722603	1709183	1.04	cps
Titanium	47-1	1302400	1318538	1329136	1316691	1.02	cps
Uranium	238-1	9931588	10051371	10045977	10009645	0.68	cps
Vanadium	51-2	443734	438940	445556	442743	0.77	cps
Yttrium	89-1	5025007	4747759	4544994	4772587	5.05	cps
Yttrium	89-2	768069	761315	771192	766859	0.66	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCV69 Instrumnet Name : P7
 Client Sample ID : CCV69 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:32:51 DataFile Name : 031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	183000	184873	184869	184248	0.59	cps
Zirconium	90-1	3366303	3394284	3438980	3399855	1.08	cps
Zirconium	91-1	761476	765026	775751	767418	0.97	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCB69 Instrumnet Name : P7
 Client Sample ID : CCB69 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:36:58 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	83	92	94	13.48	cps
Antimony	121-1	1158	1150	1125	1145	1.52	cps
Arsenic	75-2	17	7	26	17	55.55	cps
Barium	135-1	158	108	125	131	19.50	cps
Barium	137-1	125	192	133	150	24.22	cps
Beryllium	9-1	230	163	157	183	22.12	cps
Bismuth	209-1	5387498	5423085	5410148	5406910	0.33	cps
Bismuth	209-2	3635949	3673161	3672290	3660467	0.58	cps
Boron	11-1	28219	25405	25314	26313	6.28	cps
Boron	10-1	6502	6051	5451	6001	8.78	cps
Cadmium	106-1	2367	2284	2275	2309	2.20	cps
Cadmium	108-1	17	29	4	17	74.99	cps
Cadmium	111-1	1720	1661	1661	1681	2.03	cps
Calcium	43-1	150	158	158	156	3.09	cps
Calcium	44-1	4434	4209	4234	4293	2.87	cps
Chromium	52-2	337	350	390	359	7.73	cps
Cobalt	59-2	33	33	33	33	0.00	cps
Copper	63-2	750	827	737	771	6.30	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-2	10	3	0	4	114.60	cps
Erbium	164-1	42	17	25	28	45.82	cps
Gadolinium	160-1	33	50	17	33	50.00	cps
Gadolinium	160-2	150	160	133	148	9.11	cps
Holmium	165-1	7757606	7786110	7750665	7764794	0.24	cps
Holmium	165-2	4551287	4584087	4629161	4588178	0.85	cps
Indium	115-1	5197593	5206428	5159636	5187886	0.48	cps
Indium	115-2	1151911	1165909	1170763	1162861	0.84	cps
Iron	56-2	3578	3645	3801	3675	3.10	cps
Iron	57-2	106	122	139	122	13.63	cps
Krypton	83-1	100	100	97	99	1.94	cps
Lead	206-1	739	578	861	726	19.58	cps
Lead	207-1	717	539	761	672	17.49	cps
Lead	208-1	2989	2606	3200	2932	10.28	cps
Lithium	6-1	1971403	1966443	1968035	1968627	0.13	cps
Magnesium	24-2	517	517	433	489	9.84	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCB69 Instrumnet Name : P7
 Client Sample ID : CCB69 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:36:58 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	73	57	57	62	15.46	cps
Molybdenum	94-1	975	683	650	770	23.24	cps
Molybdenum	95-1	958	908	875	914	4.59	cps
Molybdenum	96-1	825	1017	942	928	10.41	cps
Molybdenum	97-1	458	808	525	597	31.12	cps
Molybdenum	98-1	1659	1400	1433	1497	9.39	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	27	60	27	38	50.93	cps
Phosphorus	31-2	42	33	50	42	20.00	cps
Potassium	39-2	6944	6785	7177	6969	2.83	cps
Rhodium	103-1	4588250	4566426	4468428	4541034	1.41	cps
Rhodium	103-2	2280534	2297789	2311167	2296497	0.67	cps
Scandium	45-1	3254986	3224434	3229624	3236348	0.51	cps
Scandium	45-2	140636	140417	142251	141101	0.71	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	31	6	30	22	65.07	cps
Selenium	82-1	69	33	60	54	34.37	cps
Silicon	28-1	93064	90591	88588	90748	2.47	cps
Silver	109-1	342	333	292	322	8.31	cps
Silver	107-1	450	350	408	403	12.47	cps
Sodium	23-2	8795	8861	8503	8720	2.19	cps
Strontium	86-1	183	242	242	222	15.16	cps
Strontium	88-1	675	525	475	558	18.64	cps
Sulfur	34-1	148652	149645	149847	149381	0.43	cps
Terbium	159-1	7984637	7965956	7949058	7966550	0.22	cps
Terbium	159-2	4441291	4461674	4494562	4465842	0.60	cps
Thallium	203-1	325	308	233	289	16.90	cps
Thallium	205-1	1100	950	858	970	12.59	cps
Thorium	232-1	1850	1672	1611	1711	7.25	cps
Tin	118-1	725	717	558	667	14.09	cps
Titanium	47-1	75	150	142	122	33.64	cps
Uranium	238-1	417	375	200	331	34.78	cps
Vanadium	51-2	17	13	13	14	13.35	cps
Yttrium	89-1	5400030	5406370	5424739	5410380	0.24	cps
Yttrium	89-2	838038	843935	853308	845094	0.91	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCB69 Instrumnet Name : P7
 Client Sample ID : CCB69 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	103	73	80	86	18.42	cps
Zirconium	90-1	675	642	575	631	8.08	cps
Zirconium	91-1	125	175	142	147	17.29	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:49:18 DataFile Name : 035LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	942	858	992	931	7.24	cps
Antimony	121-1	8161	7861	8069	8030	1.92	cps
Arsenic	75-2	104	150	157	137	21.24	cps
Barium	135-1	11889	11255	11664	11602	2.77	cps
Barium	137-1	20549	20199	20065	20271	1.23	cps
Beryllium	9-1	1133	1137	1207	1159	3.57	cps
Bismuth	209-1	5426189	5395725	5404023	5408646	0.29	cps
Bismuth	209-2	3689949	3721177	3723831	3711652	0.51	cps
Boron	11-1	26599	27108	27885	27197	2.38	cps
Boron	10-1	5901	6152	6360	6138	3.74	cps
Cadmium	106-1	2684	2409	2834	2642	8.16	cps
Cadmium	108-1	104	88	100	97	8.92	cps
Cadmium	111-1	3018	2658	3122	2933	8.30	cps
Calcium	43-1	7044	6985	7277	7102	2.17	cps
Calcium	44-1	116178	113583	115675	115145	1.20	cps
Chromium	52-2	2814	2830	2964	2869	2.87	cps
Cobalt	59-2	1873	1890	1927	1897	1.44	cps
Copper	63-2	3164	3164	3054	3127	2.03	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-2	17	20	17	18	10.81	cps
Erbium	164-1	33	8	25	22	57.29	cps
Gadolinium	160-1	50	25	33	36	35.25	cps
Gadolinium	160-2	137	177	147	153	13.58	cps
Holmium	165-1	7852332	7787037	7865666	7835012	0.54	cps
Holmium	165-2	4713895	4728307	4717394	4719865	0.16	cps
Indium	115-1	5409775	5382027	5405657	5399153	0.28	cps
Indium	115-2	1225933	1232957	1229373	1229421	0.29	cps
Iron	56-2	60023	60419	60915	60452	0.74	cps
Iron	57-2	1600	1550	1617	1589	2.18	cps
Krypton	83-1	137	120	90	116	20.47	cps
Lead	206-1	4851	4912	4412	4725	5.77	cps
Lead	207-1	4734	4156	4062	4317	8.43	cps
Lead	208-1	19773	19178	18778	19243	2.60	cps
Lithium	6-1	2134152	2125421	2140339	2133304	0.35	cps
Magnesium	24-2	49265	51088	51046	50466	2.06	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:49:18 DataFile Name : 035LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	783	830	853	822	4.33	cps
Molybdenum	94-1	8770	8987	9162	8973	2.19	cps
Molybdenum	95-1	11714	11297	10896	11302	3.62	cps
Molybdenum	96-1	12706	13056	12297	12687	2.99	cps
Molybdenum	97-1	6844	7210	6593	6882	4.51	cps
Molybdenum	98-1	18738	18504	18329	18524	1.11	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	533	533	507	524	2.94	cps
Phosphorus	31-2	133	167	117	139	18.33	cps
Potassium	39-2	54434	53874	54627	54311	0.72	cps
Rhodium	103-1	4858485	4835085	4884449	4859340	0.51	cps
Rhodium	103-2	2435242	2439864	2437471	2437526	0.09	cps
Scandium	45-1	3528118	3519555	3531991	3526554	0.18	cps
Scandium	45-2	153309	153660	152768	153246	0.29	cps
Selenium	77-2	7	17	23	16	53.90	cps
Selenium	78-2	61	104	85	83	25.63	cps
Selenium	82-1	472	465	471	469	0.76	cps
Silicon	28-1	111782	114923	113250	113318	1.39	cps
Silver	109-1	5293	5301	5234	5276	0.69	cps
Silver	107-1	5618	5710	5368	5565	3.18	cps
Sodium	23-2	96736	96810	94590	96045	1.31	cps
Strontium	86-1	1558	1592	1442	1531	5.15	cps
Strontium	88-1	12256	12448	13031	12578	3.21	cps
Sulfur	34-1	171948	170396	170269	170871	0.55	cps
Terbium	159-1	8111668	8064111	8142094	8105958	0.48	cps
Terbium	159-2	4611938	4637948	4641840	4630575	0.35	cps
Thallium	203-1	5060	5501	5510	5357	4.81	cps
Thallium	205-1	13049	12264	12298	12537	3.54	cps
Thorium	232-1	18558	18625	18975	18719	1.20	cps
Tin	118-1	18897	19356	18546	18933	2.14	cps
Titanium	47-1	3509	3159	3175	3281	6.02	cps
Uranium	238-1	18606	18030	18664	18433	1.90	cps
Vanadium	51-2	5281	5528	5244	5351	2.88	cps
Yttrium	89-1	5755480	5737943	5756507	5749977	0.18	cps
Yttrium	89-2	898878	905903	901095	901959	0.40	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:49:18 DataFile Name : 035LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	533	613	497	548	10.89	cps
Zirconium	90-1	7552	7561	7669	7594	0.86	cps
Zirconium	91-1	1717	1508	1417	1547	9.94	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCV70 Instrumnet Name : P7
 Client Sample ID : CCV70 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:52:56 DataFile Name : 036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2168504	2186036	2190123	2181554	0.53	cps
Antimony	121-1	1971355	1978986	1977029	1975790	0.20	cps
Arsenic	75-2	61211	61284	61280	61258	0.07	cps
Barium	135-1	2734747	2743333	2725576	2734552	0.32	cps
Barium	137-1	4778936	4829484	4830625	4813015	0.61	cps
Beryllium	9-1	489825	491369	488924	490040	0.25	cps
Bismuth	209-1	4643631	4583520	4629010	4618721	0.68	cps
Bismuth	209-2	3178797	3214902	3208957	3200886	0.60	cps
Boron	11-1	316585	324183	326506	322425	1.61	cps
Boron	10-1	72885	72298	74090	73091	1.25	cps
Cadmium	106-1	64372	65770	65008	65050	1.08	cps
Cadmium	108-1	43045	42585	42589	42739	0.62	cps
Cadmium	111-1	547077	544529	548898	546835	0.40	cps
Calcium	43-1	3057902	3071306	3061170	3063459	0.23	cps
Calcium	44-1	49534367	49386301	49762896	49561188	0.38	cps
Chromium	52-2	571720	571702	572790	572071	0.11	cps
Cobalt	59-2	842294	844127	843987	843469	0.12	cps
Copper	63-2	1120559	1120633	1128000	1123064	0.38	cps
Dysprosium	156-1	100	100	42	81	41.81	cps
Dysprosium	156-2	77	100	90	89	13.17	cps
Erbium	164-2	20	30	10	20	50.00	cps
Erbium	164-1	50	25	33	36	35.25	cps
Gadolinium	160-1	33	50	108	64	61.65	cps
Gadolinium	160-2	170	157	137	154	10.86	cps
Holmium	165-1	7394034	7307811	7374639	7358828	0.61	cps
Holmium	165-2	4421005	4489436	4448918	4453119	0.77	cps
Indium	115-1	4527982	4452370	4511722	4497358	0.88	cps
Indium	115-2	1050251	1064614	1059619	1058161	0.69	cps
Iron	56-2	116100194	115580269	115519416	115733293	0.28	cps
Iron	57-2	2925321	2920230	2950430	2931993	0.55	cps
Krypton	83-1	137	93	97	109	22.14	cps
Lead	206-1	1987042	1995444	1990697	1991061	0.21	cps
Lead	207-1	1802360	1820431	1797950	1806914	0.66	cps
Lead	208-1	8055139	8122178	8062621	8079980	0.45	cps
Lithium	6-1	1919127	1896774	1925732	1913878	0.79	cps
Magnesium	24-2	22119397	22211569	22334543	22221836	0.49	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCV70 Instrumnet Name : P7
 Client Sample ID : CCV70 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:52:56 DataFile Name : 036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	715653	715670	717633	716319	0.16	cps
Molybdenum	94-1	4078137	4074083	4073801	4075340	0.06	cps
Molybdenum	95-1	4952116	4956571	4981169	4963285	0.32	cps
Molybdenum	96-1	5564216	5561976	5577777	5567990	0.15	cps
Molybdenum	97-1	3061211	3055705	3065748	3060888	0.16	cps
Molybdenum	98-1	8072202	8047192	8024241	8047878	0.30	cps
Neodymium	150-1	447	340	407	398	13.55	cps
Neodymium	150-2	57	53	50	53	6.25	cps
Nickel	60-2	208736	205768	207116	207207	0.72	cps
Phosphorus	31-2	19622	19814	19638	19691	0.54	cps
Potassium	39-2	11177623	11234173	11217905	11209900	0.26	cps
Rhodium	103-1	3825130	3755876	3805690	3795565	0.94	cps
Rhodium	103-2	1980008	1998911	1998065	1992328	0.54	cps
Scandium	45-1	3046509	3004666	3052555	3034577	0.86	cps
Scandium	45-2	138254	140663	137719	138879	1.13	cps
Selenium	77-2	1793	1867	1924	1861	3.50	cps
Selenium	78-2	6290	6203	6366	6287	1.30	cps
Selenium	82-1	36621	37294	37050	36988	0.92	cps
Silicon	28-1	1444759	1448840	1477202	1456934	1.21	cps
Silver	109-1	2283822	2257512	2287515	2276283	0.72	cps
Silver	107-1	2370847	2360751	2363209	2364936	0.22	cps
Sodium	23-2	46887570	47017825	47251027	47052141	0.39	cps
Strontium	86-1	666739	667418	664867	666341	0.20	cps
Strontium	88-1	5846741	5848451	5883284	5859492	0.35	cps
Sulfur	34-1	379323	373114	375104	375847	0.84	cps
Terbium	159-1	7524805	7483387	7514921	7507705	0.29	cps
Terbium	159-2	4302473	4346372	4345996	4331614	0.58	cps
Thallium	203-1	2466610	2452376	2474687	2464557	0.46	cps
Thallium	205-1	5983983	6031122	6001241	6005448	0.40	cps
Thorium	232-1	10334269	10295499	10314646	10314805	0.19	cps
Tin	118-1	1713049	1711692	1713080	1712607	0.05	cps
Titanium	47-1	1390930	1386659	1385863	1387817	0.20	cps
Uranium	238-1	9626140	9592439	9649184	9622588	0.30	cps
Vanadium	51-2	473357	474246	474390	473998	0.12	cps
Yttrium	89-1	5003564	4935080	5015487	4984710	0.87	cps
Yttrium	89-2	807753	808642	812079	809491	0.28	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCV70 Instrumnet Name : P7
 Client Sample ID : CCV70 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 16:52:56 DataFile Name : 036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	206071	206200	206220	206164	0.04	cps
Zirconium	90-1	3443018	3433665	3436199	3437627	0.14	cps
Zirconium	91-1	779915	780234	780468	780206	0.04	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCB70 Instrumnet Name : P7
 Client Sample ID : CCB70 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 17:02:06 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	17	67	42	60.00	cps
Antimony	121-1	492	658	642	597	15.37	cps
Arsenic	75-2	4	13	4	7	78.78	cps
Barium	135-1	50	58	25	44	39.04	cps
Barium	137-1	75	33	42	50	44.10	cps
Beryllium	9-1	133	133	157	141	9.54	cps
Bismuth	209-1	5416071	5368676	5407228	5397325	0.47	cps
Bismuth	209-2	3700662	3734587	3790661	3741970	1.21	cps
Boron	11-1	9745	9754	9754	9751	0.05	cps
Boron	10-1	2217	2442	2142	2267	6.89	cps
Cadmium	106-1	2492	2742	2292	2509	8.99	cps
Cadmium	108-1	4	4	17	8	86.57	cps
Cadmium	111-1	1775	1946	1601	1774	9.72	cps
Calcium	43-1	83	50	133	89	47.19	cps
Calcium	44-1	3267	3117	3226	3203	2.42	cps
Chromium	52-2	323	353	383	353	8.49	cps
Cobalt	59-2	27	40	17	28	42.13	cps
Copper	63-2	420	477	470	456	6.80	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-2	7	20	7	11	69.25	cps
Erbium	164-1	50	25	8	28	75.51	cps
Gadolinium	160-1	25	25	8	19	49.50	cps
Gadolinium	160-2	177	147	163	162	9.27	cps
Holmium	165-1	7798570	7758082	7788920	7781857	0.27	cps
Holmium	165-2	4683899	4752672	4810298	4748956	1.33	cps
Indium	115-1	5368330	5369395	5373052	5370259	0.05	cps
Indium	115-2	1224021	1246190	1261555	1243922	1.52	cps
Iron	56-2	2884	2973	2978	2945	1.80	cps
Iron	57-2	83	117	150	117	28.57	cps
Krypton	83-1	107	147	93	116	24.02	cps
Lead	206-1	589	522	506	539	8.18	cps
Lead	207-1	506	444	533	494	9.20	cps
Lead	208-1	2206	2045	2145	2132	3.82	cps
Lithium	6-1	2180115	2170244	2175715	2175358	0.23	cps
Magnesium	24-2	308	375	158	281	39.55	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCB70 Instrumnet Name : P7
 Client Sample ID : CCB70 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 17:02:06 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	67	30	40	58.34	cps
Molybdenum	94-1	467	217	300	328	38.83	cps
Molybdenum	95-1	350	242	333	308	18.92	cps
Molybdenum	96-1	383	233	283	300	25.46	cps
Molybdenum	97-1	258	175	108	181	41.62	cps
Molybdenum	98-1	650	442	433	508	24.15	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43	63	43	50	23.10	cps
Phosphorus	31-2	50	33	100	61	56.78	cps
Potassium	39-2	7569	6952	7277	7266	4.25	cps
Rhodium	103-1	4803594	4787878	4826556	4806009	0.40	cps
Rhodium	103-2	2413243	2457456	2487859	2452853	1.53	cps
Scandium	45-1	3512060	3480014	3498180	3496751	0.46	cps
Scandium	45-2	154644	156176	159642	156821	1.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	26	24	22	24	7.71	cps
Selenium	82-1	22	-5	60	26	126.55	cps
Silicon	28-1	84857	84254	85075	84728	0.50	cps
Silver	109-1	133	75	75	94	35.66	cps
Silver	107-1	158	142	167	156	8.18	cps
Sodium	23-2	4859	4376	4292	4509	6.79	cps
Strontium	86-1	233	225	217	225	3.70	cps
Strontium	88-1	208	108	217	178	33.91	cps
Sulfur	34-1	167987	166917	168129	167678	0.40	cps
Terbium	159-1	8091118	8018315	8070047	8059826	0.46	cps
Terbium	159-2	4560741	4666147	4729440	4652109	1.83	cps
Thallium	203-1	350	358	325	344	5.04	cps
Thallium	205-1	650	583	592	608	5.97	cps
Thorium	232-1	700	700	639	680	5.19	cps
Tin	118-1	375	442	475	431	11.83	cps
Titanium	47-1	67	92	75	78	16.37	cps
Uranium	238-1	192	192	158	181	10.66	cps
Vanadium	51-2	10	3	13	9	57.30	cps
Yttrium	89-1	5695025	5684796	5703721	5694514	0.17	cps
Yttrium	89-2	900962	913315	929837	914705	1.58	cps

LB Number : LB103342 Operator : Jaswal
Lab Sample ID : CCB70 Instrumnet Name : P7
Client Sample ID : CCB70 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	53	100	100	84	31.91	cps
Zirconium	90-1	450	458	525	478	8.60	cps
Zirconium	91-1	100	100	83	94	10.19	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : PB120351BL Instrumnet Name : P7
 Client Sample ID : PB120351BL Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 17:05:43 DataFile Name : 038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	17	8	100.02	cps
Antimony	121-1	200	200	133	178	21.65	cps
Arsenic	75-2	2	6	4	4	50.09	cps
Barium	135-1	25	0	0	8	173.21	cps
Barium	137-1	25	8	50	28	75.51	cps
Beryllium	9-1	127	123	147	132	9.54	cps
Bismuth	209-1	5362899	5385380	5419911	5389397	0.53	cps
Bismuth	209-2	3698763	3686079	3756530	3713791	1.01	cps
Boron	11-1	7711	7469	7469	7549	1.85	cps
Boron	10-1	1742	1633	1767	1714	4.14	cps
Cadmium	106-1	2450	2209	2567	2409	7.59	cps
Cadmium	108-1	13	4	4	7	69.23	cps
Cadmium	111-1	1727	1568	1802	1699	7.04	cps
Calcium	43-1	75	50	58	61	20.83	cps
Calcium	44-1	2575	2459	2417	2484	3.31	cps
Chromium	52-2	397	377	397	390	2.96	cps
Cobalt	59-2	27	20	27	24	15.75	cps
Copper	63-2	487	383	503	458	14.20	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	13	3	6	124.93	cps
Erbium	164-2	20	7	13	13	49.99	cps
Erbium	164-1	42	17	8	22	78.07	cps
Gadolinium	160-1	42	17	83	47	71.32	cps
Gadolinium	160-2	170	147	187	168	11.98	cps
Holmium	165-1	7711166	7812172	7845843	7789727	0.90	cps
Holmium	165-2	4696200	4714681	4789400	4733427	1.04	cps
Indium	115-1	5360736	5422417	5443306	5408820	0.79	cps
Indium	115-2	1236026	1241600	1256293	1244640	0.84	cps
Iron	56-2	2106	1945	2178	2076	5.75	cps
Iron	57-2	78	100	78	85	15.06	cps
Krypton	83-1	133	103	113	117	13.09	cps
Lead	206-1	589	539	444	524	14.00	cps
Lead	207-1	372	489	450	437	13.59	cps
Lead	208-1	2045	2117	1950	2037	4.10	cps
Lithium	6-1	2190272	2200513	2192098	2194294	0.25	cps
Magnesium	24-2	158	192	192	181	10.66	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : PB120351BL Instrumnet Name : P7
 Client Sample ID : PB120351BL Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 17:05:43 DataFile Name : 038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	37	33	37	9.10	cps
Molybdenum	94-1	283	267	192	247	19.75	cps
Molybdenum	95-1	167	150	100	139	24.98	cps
Molybdenum	96-1	233	150	217	200	22.05	cps
Molybdenum	97-1	108	92	100	100	8.33	cps
Molybdenum	98-1	192	233	250	225	13.35	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	50	53	47	18.89	cps
Phosphorus	31-2	33	33	83	50	57.75	cps
Potassium	39-2	7435	7377	7385	7399	0.43	cps
Rhodium	103-1	4820174	4866435	4859279	4848629	0.51	cps
Rhodium	103-2	2449796	2449649	2483382	2460942	0.79	cps
Scandium	45-1	3528478	3549583	3559027	3545696	0.44	cps
Scandium	45-2	156728	155977	158696	157134	0.89	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	24	17	30	23	27.72	cps
Selenium	82-1	35	37	16	29	38.95	cps
Silicon	28-1	85427	84874	86868	85723	1.20	cps
Silver	109-1	83	50	67	67	25.00	cps
Silver	107-1	108	242	108	153	50.39	cps
Sodium	23-2	3551	3459	3459	3489	1.52	cps
Strontium	86-1	242	283	225	250	12.02	cps
Strontium	88-1	75	33	50	53	39.73	cps
Sulfur	34-1	171762	173567	173802	173044	0.65	cps
Terbium	159-1	8005254	8088749	8068306	8054103	0.54	cps
Terbium	159-2	4613049	4593234	4692124	4632802	1.13	cps
Thallium	203-1	208	225	208	214	4.50	cps
Thallium	205-1	575	500	383	486	19.87	cps
Thorium	232-1	822	750	728	767	6.44	cps
Tin	118-1	317	383	250	317	21.05	cps
Titanium	47-1	25	67	50	47	44.41	cps
Uranium	238-1	75	25	58	53	48.24	cps
Vanadium	51-2	0	13	3	6	124.93	cps
Yttrium	89-1	5704196	5743662	5753395	5733751	0.45	cps
Yttrium	89-2	910354	913405	925798	916519	0.89	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : PB120351BL Instrumnet Name : P7
 Client Sample ID : PB120351BL Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 17:05:43 DataFile Name : 038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	107	127	73	102	26.35	cps
Zirconium	90-1	600	475	425	500	18.03	cps
Zirconium	91-1	142	58	83	94	45.27	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCV71 Instrumnet Name : P7
 Client Sample ID : CCV71 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 17:09:20 DataFile Name : 039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2238115	2256422	2266329	2253622	0.64	cps
Antimony	121-1	1984160	1983724	1980248	1982711	0.11	cps
Arsenic	75-2	63789	64468	64589	64282	0.67	cps
Barium	135-1	2756735	2753162	2756205	2755367	0.07	cps
Barium	137-1	4836905	4855606	4878098	4856870	0.42	cps
Beryllium	9-1	512617	512758	512384	512586	0.04	cps
Bismuth	209-1	4661565	4712870	4708736	4694390	0.61	cps
Bismuth	209-2	3207676	3255351	3301954	3254994	1.45	cps
Boron	11-1	323989	334395	343674	334019	2.95	cps
Boron	10-1	74350	75112	78571	76011	2.96	cps
Cadmium	106-1	68976	68306	70451	69244	1.58	cps
Cadmium	108-1	44073	44775	45201	44683	1.28	cps
Cadmium	111-1	580801	577986	580404	579731	0.26	cps
Calcium	43-1	3169477	3177446	3167502	3171475	0.17	cps
Calcium	44-1	51309278	51180254	51427499	51305677	0.24	cps
Chromium	52-2	582038	585722	598713	588824	1.49	cps
Cobalt	59-2	859526	868888	870247	866220	0.67	cps
Copper	63-2	1185395	1199732	1208389	1197839	0.97	cps
Dysprosium	156-1	133	67	67	89	43.30	cps
Dysprosium	156-2	100	113	83	99	15.20	cps
Erbium	164-2	13	20	3	12	68.66	cps
Erbium	164-1	50	33	33	39	24.75	cps
Gadolinium	160-1	75	50	42	56	31.22	cps
Gadolinium	160-2	147	180	143	157	12.94	cps
Holmium	165-1	7387032	7527969	7523574	7479525	1.07	cps
Holmium	165-2	4482172	4525314	4589229	4532238	1.19	cps
Indium	115-1	4614533	4682400	4691305	4662746	0.90	cps
Indium	115-2	1074679	1089227	1108769	1090892	1.57	cps
Iron	56-2	118739405	119847572	120349964	119645647	0.69	cps
Iron	57-2	2999902	3029891	3068293	3032696	1.13	cps
Krypton	83-1	103	147	117	122	18.16	cps
Lead	206-1	1996657	2005571	2001314	2001181	0.22	cps
Lead	207-1	1823321	1829692	1826079	1826364	0.17	cps
Lead	208-1	8124936	8123765	8124273	8124325	0.01	cps
Lithium	6-1	2011686	2014882	2024916	2017161	0.34	cps
Magnesium	24-2	22871962	23109306	23143020	23041430	0.64	cps

LB Number : LB103342 Operator : Jaswal
 Lab Sample ID : CCV71 Instrumnet Name : P7
 Client Sample ID : CCV71 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-11 17:09:20 DataFile Name : 039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	729586	738262	743697	737182	0.97	cps
Molybdenum	94-1	4197411	4172989	4164533	4178311	0.41	cps
Molybdenum	95-1	5118118	5099877	5086213	5101403	0.31	cps
Molybdenum	96-1	5690992	5739988	5711401	5714127	0.43	cps
Molybdenum	97-1	3160291	3166513	3131089	3152631	0.60	cps
Molybdenum	98-1	8261335	8279967	8242518	8261273	0.23	cps
Neodymium	150-1	280	380	327	329	15.21	cps
Neodymium	150-2	40	37	60	46	27.70	cps
Nickel	60-2	211333	213257	213017	212535	0.49	cps
Phosphorus	31-2	21332	20882	20840	21018	1.30	cps
Potassium	39-2	11463999	11607667	11634918	11568862	0.79	cps
Rhodium	103-1	3915759	3914214	3935667	3921880	0.31	cps
Rhodium	103-2	2024561	2067629	2087169	2059786	1.56	cps
Scandium	45-1	3186508	3170669	3187460	3181545	0.30	cps
Scandium	45-2	143082	144973	145180	144412	0.80	cps
Selenium	77-2	1947	1833	1950	1910	3.48	cps
Selenium	78-2	6514	6685	6526	6575	1.45	cps
Selenium	82-1	39173	39276	39484	39311	0.40	cps
Silicon	28-1	1554042	1593321	1607843	1585068	1.76	cps
Silver	109-1	2396826	2381445	2389080	2389117	0.32	cps
Silver	107-1	2497128	2492116	2476904	2488716	0.42	cps
Sodium	23-2	48381965	48806393	49335442	48841266	0.98	cps
Strontium	86-1	681936	680204	679868	680669	0.16	cps
Strontium	88-1	6003090	5995795	5986948	5995277	0.13	cps
Sulfur	34-1	392253	389296	389916	390488	0.40	cps
Terbium	159-1	7638288	7709284	7661383	7669652	0.47	cps
Terbium	159-2	4360736	4406518	4454986	4407413	1.07	cps
Thallium	203-1	2488812	2468494	2467580	2474962	0.48	cps
Thallium	205-1	5996552	6067652	6049438	6037880	0.61	cps
Thorium	232-1	10338602	10316831	10340612	10332015	0.13	cps
Tin	118-1	1735530	1728913	1736207	1733550	0.23	cps
Titanium	47-1	1448707	1435398	1449535	1444547	0.55	cps
Uranium	238-1	9698351	9607219	9623397	9642989	0.50	cps
Vanadium	51-2	483172	488388	491627	487729	0.87	cps
Yttrium	89-1	5128047	5171385	5177532	5158988	0.52	cps
Yttrium	89-2	822285	841442	850729	838152	1.73	cps

LB Number : LB103342 Operator : Jaswal
Lab Sample ID : CCV71 Instrumnet Name : P7
Client Sample ID : CCV71 Dilution Factor : 1
Date & Time Acquired :: 2019-06-11 17:09:20 DataFile Name : 039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	196353	199363	201464	199060	1.29	cps
Zirconium	90-1	3542639	3546926	3547584	3545716	0.08	cps
Zirconium	91-1	806329	800166	801183	802560	0.41	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	67	75	61	28.38	cps
Antimony	121-1	592	667	608	622	6.33	cps
Arsenic	75-2	7	6	4	6	33.38	cps
Barium	135-1	50	33	50	44	21.66	cps
Barium	137-1	75	83	158	106	43.48	cps
Beryllium	9-1	137	143	150	143	4.65	cps
Bismuth	209-1	5510606	5426683	5683919	5540403	2.37	cps
Bismuth	209-2	3684141	3697083	3704365	3695196	0.28	cps
Boron	11-1	8661	7911	7836	8136	5.61	cps
Boron	10-1	1817	1975	1775	1856	5.69	cps
Cadmium	106-1	2442	2500	2375	2439	2.56	cps
Cadmium	108-1	0	8	13	7	91.66	cps
Cadmium	111-1	1743	1769	1700	1737	2.02	cps
Calcium	43-1	92	75	92	86	11.18	cps
Calcium	44-1	3167	3317	3492	3326	4.89	cps
Chromium	52-2	420	377	363	387	7.66	cps
Cobalt	59-2	40	43	43	42	4.55	cps
Copper	63-2	377	420	443	413	8.18	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-2	13	10	13	12	15.73	cps
Erbium	164-1	42	25	17	28	45.82	cps
Gadolinium	160-1	8	33	33	25	57.74	cps
Gadolinium	160-2	193	173	177	181	5.92	cps
Holmium	165-1	7980400	7918886	8288667	8062651	2.46	cps
Holmium	165-2	4733038	4712337	4739106	4728161	0.30	cps
Indium	115-1	5533427	5450222	5710239	5564629	2.39	cps
Indium	115-2	1243560	1246696	1259171	1249809	0.66	cps
Iron	56-2	3423	3245	3312	3326	2.70	cps
Iron	57-2	122	144	156	141	12.06	cps
Krypton	83-1	110	127	97	111	13.53	cps
Lead	206-1	461	533	500	498	7.26	cps
Lead	207-1	439	433	472	448	4.69	cps
Lead	208-1	1950	2178	2089	2072	5.54	cps
Lithium	6-1	2293136	2274521	2361439	2309699	1.98	cps
Magnesium	24-2	367	533	400	433	20.35	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	33	53	42	24.12	cps
Molybdenum	94-1	425	308	342	358	16.77	cps
Molybdenum	95-1	317	358	325	333	6.61	cps
Molybdenum	96-1	367	258	458	361	27.72	cps
Molybdenum	97-1	183	133	175	164	16.34	cps
Molybdenum	98-1	583	500	333	472	26.96	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	50	30	53	44	28.39	cps
Phosphorus	31-2	42	75	67	61	28.38	cps
Potassium	39-2	7819	7711	7435	7655	2.58	cps
Rhodium	103-1	4982664	4928266	5163504	5024811	2.45	cps
Rhodium	103-2	2463565	2459085	2469550	2464067	0.21	cps
Scandium	45-1	3680703	3614464	3817130	3704099	2.79	cps
Scandium	45-2	160818	159390	161856	160688	0.77	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	39	19	31	30	34.80	cps
Selenium	82-1	25	15	53	31	63.11	cps
Silicon	28-1	86626	87589	87053	87089	0.55	cps
Silver	109-1	150	83	125	119	28.20	cps
Silver	107-1	158	100	125	128	22.90	cps
Sodium	23-2	4609	4709	4818	4712	2.21	cps
Strontium	86-1	200	325	258	261	23.95	cps
Strontium	88-1	167	225	258	217	21.41	cps
Sulfur	34-1	180060	177029	177039	178043	0.98	cps
Terbium	159-1	8220917	8152865	8558455	8310746	2.61	cps
Terbium	159-2	4644414	4628871	4660485	4644590	0.34	cps
Thallium	203-1	350	308	225	294	21.62	cps
Thallium	205-1	683	783	675	714	8.45	cps
Thorium	232-1	956	911	761	876	11.63	cps
Tin	118-1	467	342	425	411	15.48	cps
Titanium	47-1	67	50	75	64	19.92	cps
Uranium	238-1	200	133	158	164	20.55	cps
Vanadium	51-2	10	10	13	11	17.30	cps
Yttrium	89-1	5886996	5836517	6075561	5933025	2.12	cps
Yttrium	89-2	917857	914809	923724	918797	0.49	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	87	93	110	97	12.43	cps
Zirconium	90-1	567	592	467	542	12.21	cps
Zirconium	91-1	100	108	158	122	25.81	cps