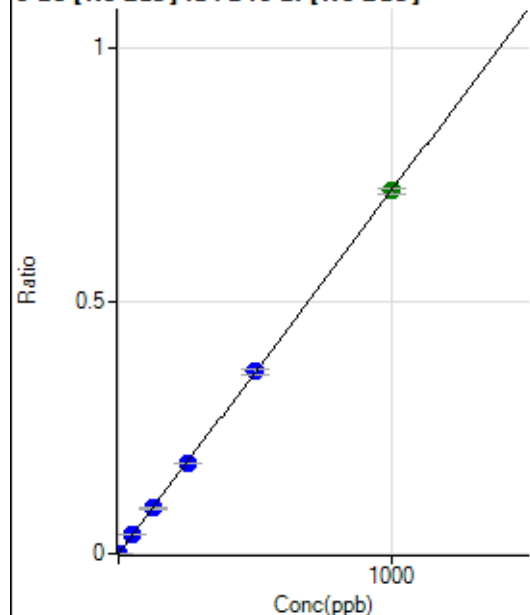


Batch Folder: D:\P8080218- MS.b\
Analysis File: P8080218- MS.batch.bin
DA Date-Time: 2018-08-02 16:25:07
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-08-02 14:05:57
2			
3	005CALS.d	S02	2018-08-02 14:13:30
4	006CALS.d	S03	2018-08-02 14:17:12
5	007CALS.d	S04	2018-08-02 14:20:54
6	008CALS.d	S05	2018-08-02 14:24:30
7	009CALS.d	S06	2018-08-02 14:28:01
8	010CALS.d	S07	2018-08-02 14:31:27
9	011CALS.d	S08	2018-08-02 14:34:49

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.93	0.0000	P	68.8
2	☐	0.100					
3	☐	1.000	0.917	1198.23	0.0007	P	5.8
4	☐	50.000	51.427	65975.23	0.0369	P	3.7
5	☐	125.000	125.610	163794.59	0.0902	P	2.2
6	☐	250.000	250.817	327577.77	0.1801	P	0.3
7	☐	500.000	500.720	648304.14	0.3595	P	4.0
8	☐	1000.000	999.288	1305311.28	0.7175	A	1.3
9	☐			687.08	0.0004	P	11.9

$$y = 7.1800\text{E-}004 * x + 1.4735\text{E-}005$$

$$R = 1.0000$$

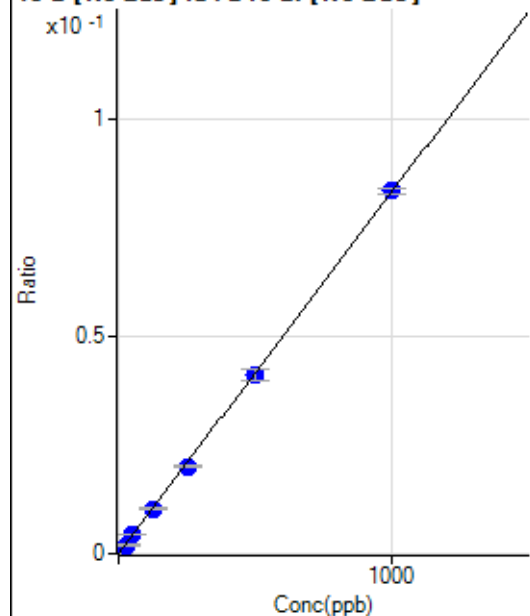
$$DL = 0.04237$$

$$BEC = 0.02052$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.23	0.0000	P	74.9
2	☐	2.500					
3	☐	25.000	23.083	3478.35	0.0020	P	5.1
4	☐	50.000	52.566	7860.84	0.0044	P	3.1
5	☐	125.000	123.874	18726.78	0.0103	P	2.9
6	☐	250.000	240.906	36413.76	0.0200	P	2.0
7	☐	500.000	496.181	74217.41	0.0412	P	6.9
8	☐	1000.000	1004.243	151578.90	0.0833	P	1.7
9	☐			7357.72	0.0041	P	8.5

$$y = 8.2929\text{E-}005 * x + 4.1033\text{E-}005$$

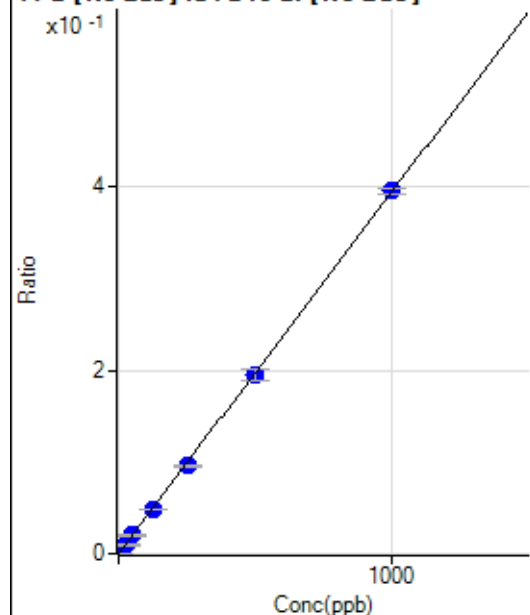
$$R = 0.9999$$

$$DL = 1.112$$

$$BEC = 0.4948$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	330.57	0.0002	P	11.2
2	☐	2.500					
3	☐	25.000	23.599	16857.77	0.0095	P	3.7
4	☐	50.000	50.206	35611.73	0.0199	P	4.4
5	☐	125.000	122.043	87527.85	0.0482	P	1.5
6	☐	250.000	242.718	174015.73	0.0957	P	1.4
7	☐	500.000	496.378	352258.13	0.1955	P	6.2
8	☐	1000.000	1004.026	718875.39	0.3952	P	1.4
9	☐			33609.89	0.0185	P	8.4

$$y = 3.9339E-004 * x + 1.8787E-004$$

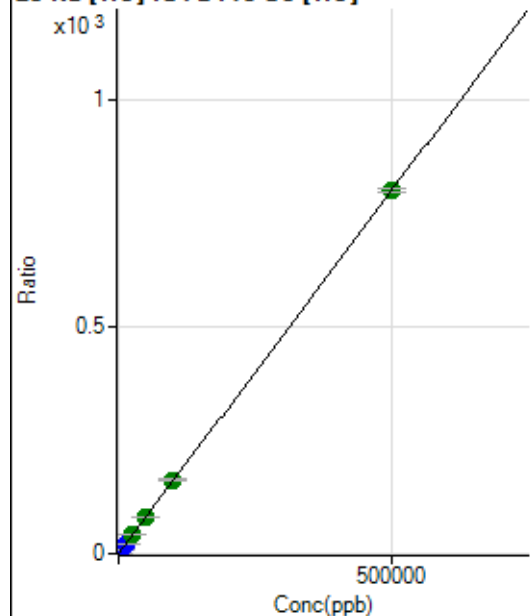
$$R = 1.0000$$

$$DL = 0.1611$$

$$BEC = 0.4776$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4581.52	0.1083	P	7.4
2	☐	50.000					
3	☐	500.000	469.983	37759.64	0.8605	P	2.5
4	☐	5000.000	4986.553	357336.44	8.0898	P	1.4
5	☐	12500.000	12608.687	879155.00	20.2897	P	5.4
6	☐	25000.000	25285.925	1751153.49	40.5809	A	0.3
7	☐	50000.000	49750.162	3359422.82	79.7383	A	2.4
8	☐	100000.00	100783.56	6693774.02	161.4223	A	2.4
9	☐	500000.00	499851.42	33251981.99	800.1694	A	1.1

$$y = 0.0016 * x + 0.1083$$

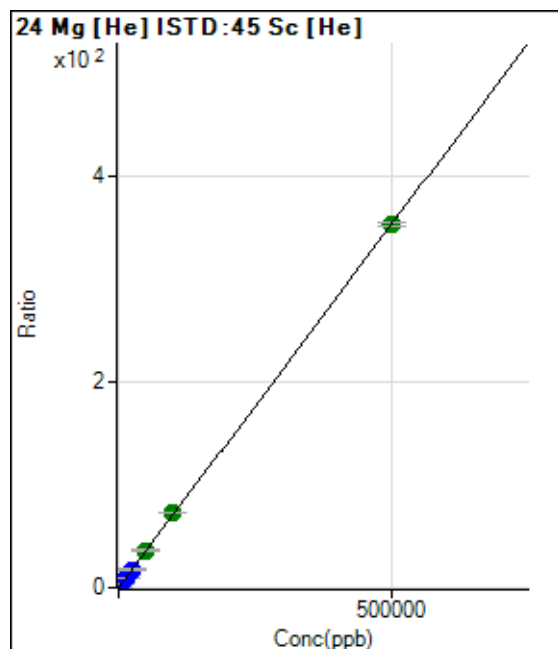
$$R = 1.0000$$

$$DL = 15.09$$

$$BEC = 67.66$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0037	P	15.7
2	☐	50.000					
3	☐	500.000	480.194	15050.23	0.3430	P	2.1
4	☐	5000.000	5067.262	158321.62	3.5841	P	0.8
5	☐	12500.000	12806.979	392241.05	9.0528	P	5.5
6	☐	25000.000	25110.632	765772.80	17.7462	P	0.2
7	☐	50000.000	51181.701	1523876.04	36.1674	A	1.8
8	☐	100000.00	102653.54	3008247.57	72.5360	A	1.5
9	☐	500000.00	499337.26	14662403.97	352.8226	A	1.1

$$y = 7.0657\text{E-}004 * x + 0.0037$$

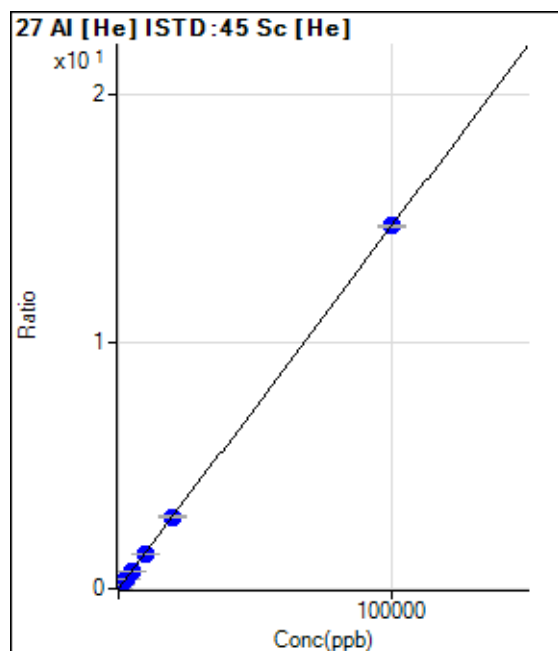
$$R = 1.0000$$

$$DL = 2.443$$

$$BEC = 5.201$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.67	0.0003	P	53.5
2	☐	2.000					
3	☐	20.000	18.060	128.37	0.0029	P	14.3
4	☐	1000.000	987.183	6417.29	0.1453	P	1.3
5	☐	2500.000	2499.949	15913.80	0.3675	P	6.8
6	☐	5000.000	4861.139	30821.87	0.7142	P	1.2
7	☐	10000.000	9658.004	59776.89	1.4188	P	2.1
8	☐	20000.000	19730.744	120190.61	2.8982	P	1.9
9	☐	100000.00	100095.12	610959.60	14.7016	P	0.8

$$y = 1.4687\text{E-}004 * x + 2.7507\text{E-}004$$

$$R = 1.0000$$

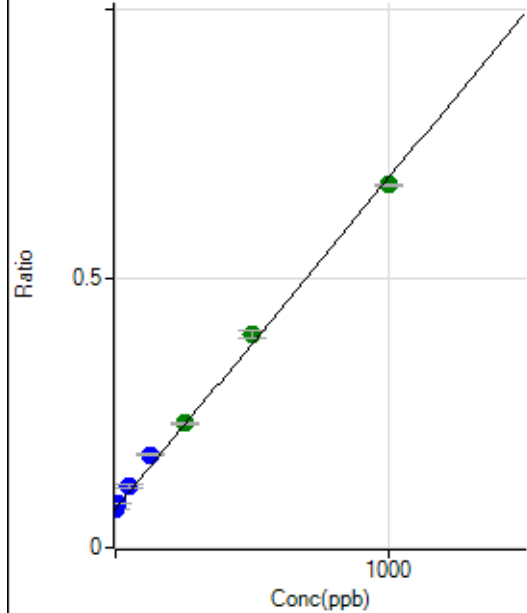
$$DL = 3.008$$

$$BEC = 1.873$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	404635.10	0.0722	P	2.0
2	☐	1.000					
3	☐	10.000	17.842	473427.79	0.0831	P	1.8
4	☐	50.000	68.620	648321.34	0.1143	P	4.7
5	☐	125.000	161.949	989085.80	0.1716	P	2.1
6	☐	250.000	258.433	1326816.02	0.2308	A	2.0
7	☐	500.000	525.771	2190725.79	0.3950	A	3.7
8	☐	1000.000	979.378	3755448.96	0.6735	A	0.9
9	☐			739016.11	0.1347	P	1.2

$$y = 6.1395\text{E-}004 * x + 0.0722$$

$$R = 0.9990$$

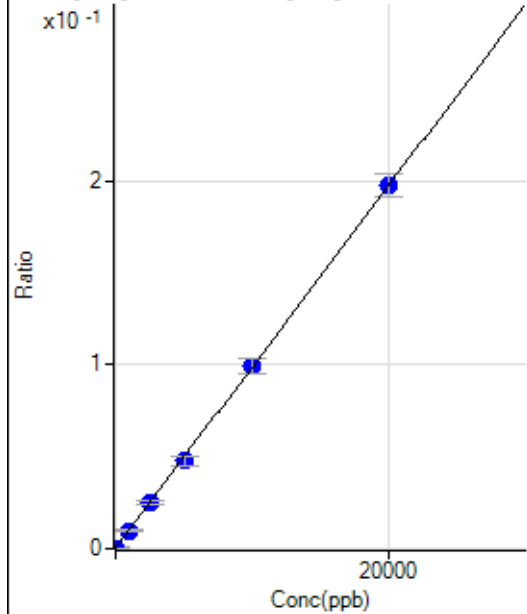
$$DL = 6.908$$

$$BEC = 117.6$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	13.806	19.44	0.0005	P	89.5
2	☐	0.000					
3	☐	0.000	-13.806	8.33	0.0002	P	100.
4	☐	1000.000	955.298	430.58	0.0097	P	16.3
5	☐	2500.000	2534.677	1097.31	0.0253	P	8.1
6	☐	5000.000	4821.391	2064.14	0.0478	P	10.4
7	☐	10000.000	10095.524	4200.83	0.0998	P	8.2
8	☐	20000.000	19994.791	8180.52	0.1973	P	6.5
9	☐			16.67	0.0004	P	50.4

$$y = 9.8521\text{E-}006 * x + 3.2508\text{E-}004$$

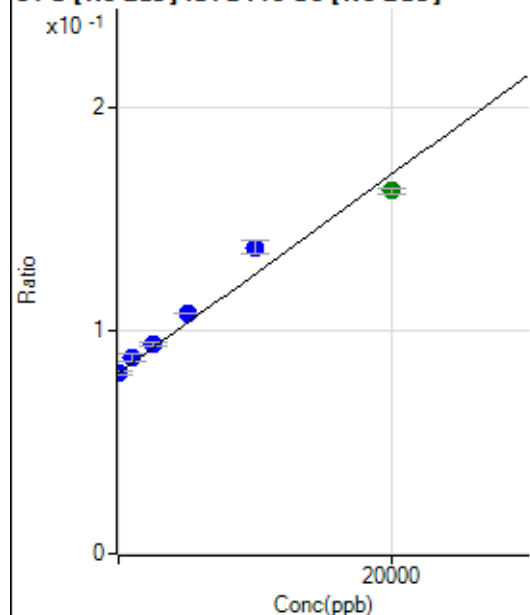
$$R = 0.9999$$

$$DL = 91.74$$

$$BEC = 33$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	3.043	453784.80	0.0810	P	2.6
2	☐	0.000					
3	☐	0.000	-3.043	460785.41	0.0809	P	2.8
4	☐	1000.000	1578.308	498985.66	0.0880	P	4.6
5	☐	2500.000	2984.358	543226.00	0.0942	P	1.7
6	☐	5000.000	6018.919	619517.66	0.1078	P	0.6
7	☐	10000.000	12665.960	762094.22	0.1374	P	4.0
8	☐	20000.000	18322.830	906904.55	0.1626	A	1.3
9	☐			438309.32	0.0799	P	1.8

$$y = 4.4588\text{E-}006 * x + 0.0809$$

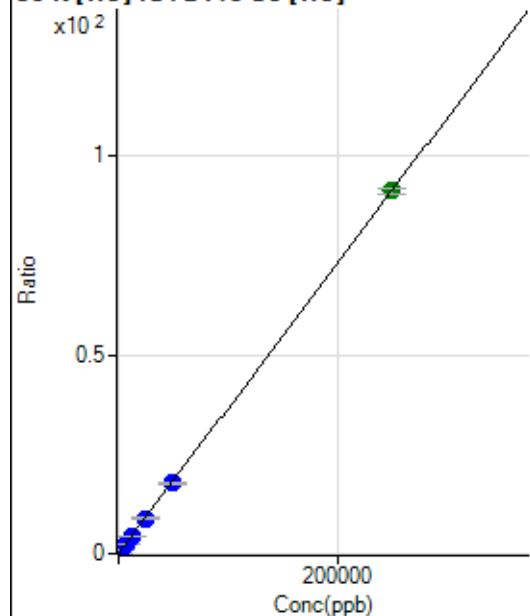
$$R = 0.9842$$

$$DL = 1476$$

$$BEC = 1.815\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2589.23	0.0612	P	10.2
2	☐	50.000					
3	☐	500.000	483.015	10407.07	0.2372	P	2.5
4	☐	2500.000	2465.166	42372.94	0.9593	P	1.9
5	☐	6250.000	6336.578	102687.42	2.3697	P	5.2
6	☐	12500.000	12355.765	196884.93	4.5626	P	0.6
7	☐	25000.000	24336.588	376158.21	8.9274	P	1.6
8	☐	50000.000	48740.366	738882.19	17.8181	P	2.3
9	☐	250000.00	250323.69	3792288.24	91.2585	A	1.3

$$y = 3.6432\text{E-}004 * x + 0.0612$$

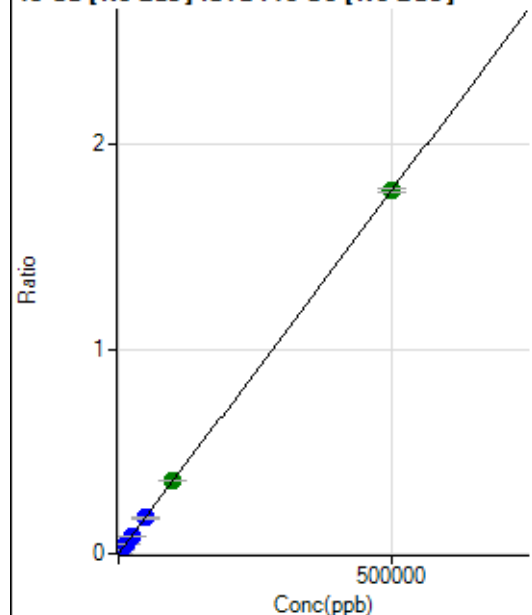
$$R = 1.0000$$

$$DL = 51.17$$

$$BEC = 167.9$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	911.19	0.0002	P	16.9
2	☐	50.000					
3	☐	500.000	445.902	9937.29	0.0017	P	3.9
4	☐	5000.000	4898.609	99563.43	0.0176	P	4.2
5	☐	12500.000	12126.651	249055.20	0.0432	P	2.1
6	☐	25000.000	24079.215	492298.81	0.0856	P	0.3
7	☐	50000.000	49723.373	979690.28	0.1767	P	4.5
8	☐	100000.00	100730.51	1994821.83	0.3577	A	0.5
9	☐	500000.00	499938.00	9740524.35	1.7749	A	0.9

$$y = 3.5498\text{E-}006 * x + 1.6216\text{E-}004$$

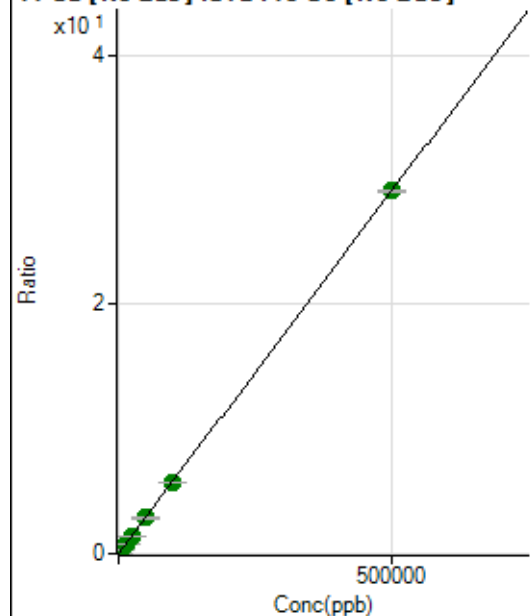
$$R = 1.0000$$

$$DL = 23.16$$

$$BEC = 45.68$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17912.20	0.0032	P	2.2
2	☐	50.000					
3	☐	500.000	454.163	168573.31	0.0296	P	2.5
4	☐	5000.000	5060.336	1687070.37	0.2974	A	4.7
5	☐	12500.000	12178.500	4100037.11	0.7114	A	2.3
6	☐	25000.000	23967.759	8029666.07	1.3969	A	0.7
7	☐	50000.000	49560.289	15999025.36	2.8851	A	4.3
8	☐	100000.00	99001.122	32118876.41	5.7600	A	0.3
9	☐	500000.00	500302.83	159680435.5	29.0953	A	0.3

$$y = 5.8149\text{E-}005 * x + 0.0032$$

$$R = 1.0000$$

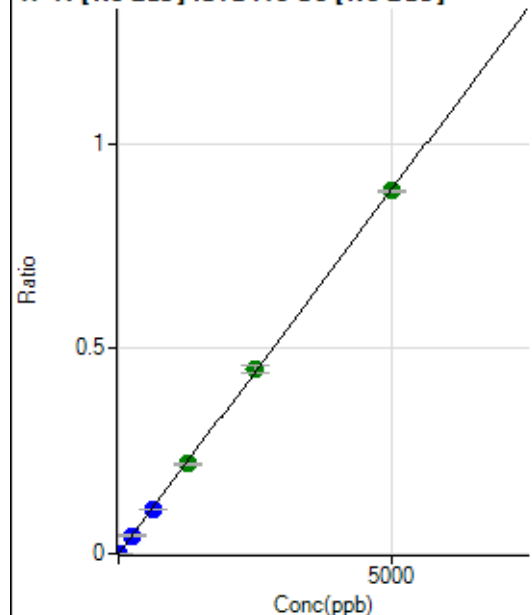
$$DL = 3.611$$

$$BEC = 54.93$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0000	P	55.6
2	☐	0.500					
3	☐	5.000	4.812	4978.88	0.0009	P	4.2
4	☐	250.000	250.008	251570.64	0.0444	P	4.5
5	☐	625.000	612.427	626027.23	0.1086	P	2.0
6	☐	1250.000	1232.145	1255935.57	0.2185	A	1.6
7	☐	2500.000	2541.983	2499430.24	0.4508	A	4.6
8	☐	5000.000	4985.044	4929057.66	0.8839	A	0.3
9	☐			2711.49	0.0005	P	11.0

$$y = 1.7732\text{E-}004 * x + 2.1161\text{E-}005$$

$$R = 0.9999$$

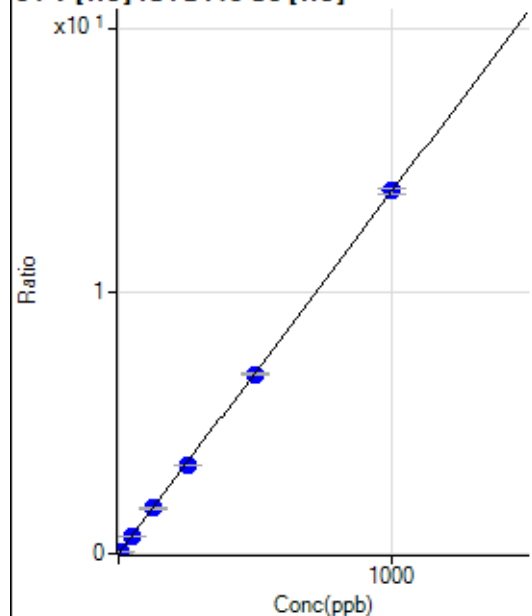
$$DL = 0.199$$

$$BEC = 0.1193$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0001	P	100.
2	☐	0.500					
3	☐	5.000	4.971	3013.70	0.0687	P	1.0
4	☐	50.000	49.621	30243.96	0.6847	P	1.9
5	☐	125.000	126.215	75472.03	1.7415	P	4.9
6	☐	250.000	246.578	146807.10	3.4021	P	0.1
7	☐	500.000	495.546	288093.17	6.8371	P	1.4
8	☐	1000.000	1002.950	573858.17	13.8378	P	1.9
9	☐			232.23	0.0056	P	13.3

$$y = 0.0138 * x + 7.9229\text{E-}005$$

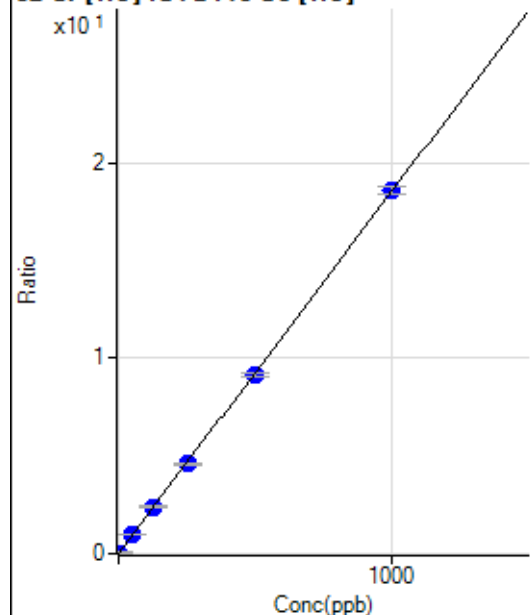
$$R = 1.0000$$

$$DL = 0.01732$$

$$BEC = 0.005742$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	432.24	0.0102	P	9.8
2	☐	0.200					
3	☐	2.000	2.078	2134.65	0.0487	P	5.9
4	☐	50.000	50.464	41664.20	0.9433	P	1.6
5	☐	125.000	128.113	103086.95	2.3789	P	5.1
6	☐	250.000	246.994	197498.97	4.5769	P	0.5
7	☐	500.000	494.983	386029.42	9.1620	P	1.9
8	☐	1000.000	1002.848	769323.77	18.5520	P	2.2
9	☐			28264.26	0.6801	P	1.0

$$y = 0.0185 * x + 0.0102$$

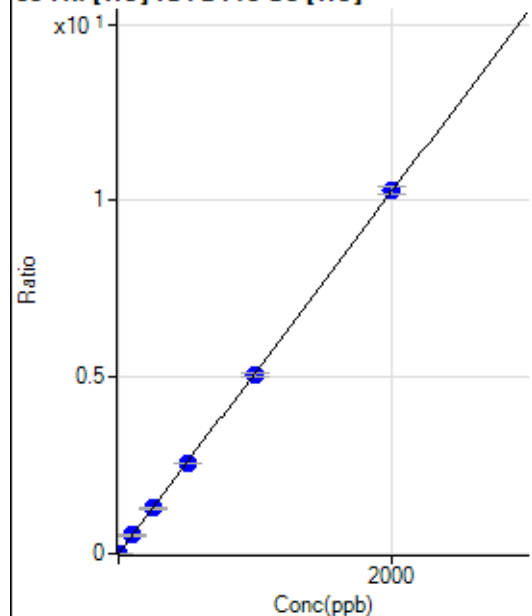
$$R = 1.0000$$

$$DL = 0.1628$$

$$BEC = 0.5529$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	56.67	0.0013	P	20.5
2	☐	0.100					
3	☐	1.000	1.000	283.34	0.0065	P	3.2
4	☐	100.000	100.976	22900.11	0.5184	P	0.9
5	☐	250.000	251.658	55883.62	1.2900	P	6.0
6	☐	500.000	497.628	110018.83	2.5496	P	0.5
7	☐	1000.000	988.327	213311.47	5.0624	P	1.5
8	☐	2000.000	2006.173	426078.67	10.2746	P	2.1
9	☐			2082.42	0.0501	P	2.1

$$y = 0.0051 * x + 0.0013$$

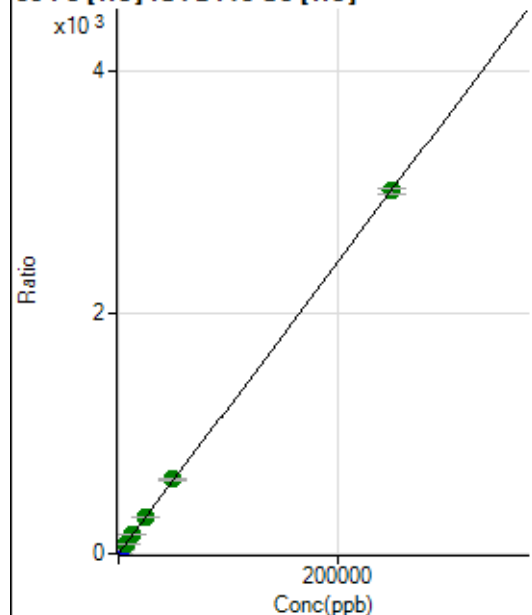
$$R = 1.0000$$

$$DL = 0.161$$

$$BEC = 0.2613$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1200.09	0.0284	P	7.0
2	☐	5.000					
3	☐	50.000	49.801	27568.49	0.6282	P	0.2
4	☐	2500.000	2593.781	1381201.38	31.2681	P	1.0
5	☐	6250.000	6592.260	3440425.13	79.4262	A	6.3
6	☐	12500.000	12692.093	6597508.94	152.8933	A	0.5
7	☐	25000.000	25207.932	12793228.06	303.6354	A	2.0
8	☐	50000.000	51322.277	25632855.44	618.1594	A	2.6
9	☐	250000.00	249695.65	124973016.6	3,007.389	A	1.5

$$y = 0.0120 * x + 0.0284$$

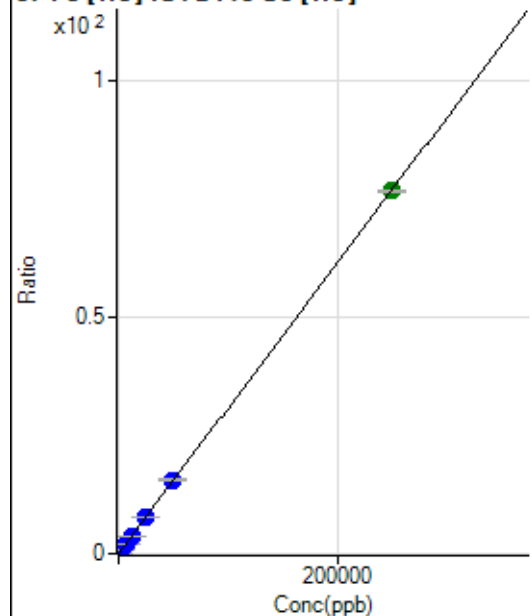
$$R = 1.0000$$

$$DL = 0.4952$$

$$BEC = 2.355$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0012	P	22.2
2	☐	5.000					
3	☐	50.000	50.018	725.97	0.0165	P	5.6
4	☐	2500.000	2547.135	34593.46	0.7831	P	1.0
5	☐	6250.000	6413.990	85378.64	1.9702	P	5.2
6	☐	12500.000	12522.151	165936.66	3.8453	P	0.5
7	☐	25000.000	25092.564	324619.97	7.7043	P	1.7
8	☐	50000.000	50650.072	644853.11	15.5502	P	2.1
9	☐	250000.00	249855.05	3187624.52	76.7039	A	0.8

$$y = 3.0699E-004 * x + 0.0012$$

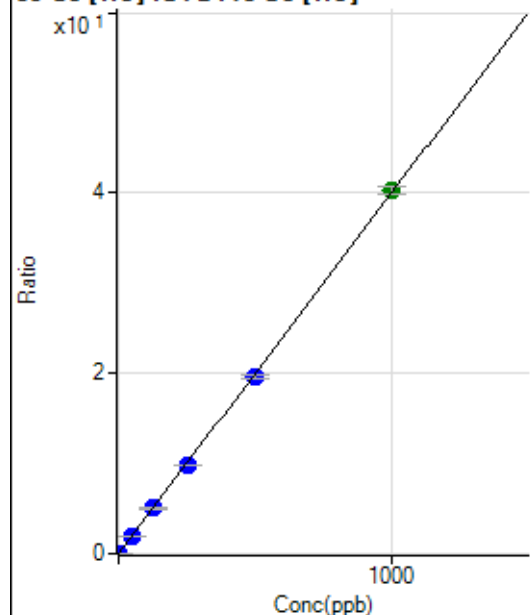
$$R = 1.0000$$

$$DL = 2.568$$

$$BEC = 3.851$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.78	0.0011	P	30.9
2	☐	0.100					
3	☐	1.000	0.984	1776.81	0.0405	P	2.3
4	☐	50.000	50.239	88820.60	2.0108	P	1.4
5	☐	125.000	126.237	218828.20	5.0509	P	5.7
6	☐	250.000	246.564	425660.93	9.8643	P	0.2
7	☐	500.000	490.413	826618.40	19.6190	P	1.9
8	☐	1000.000	1005.486	1668041.00	40.2233	A	2.2
9	☐			19809.87	0.4767	P	2.0

$$y = 0.0400 * x + 0.0011$$

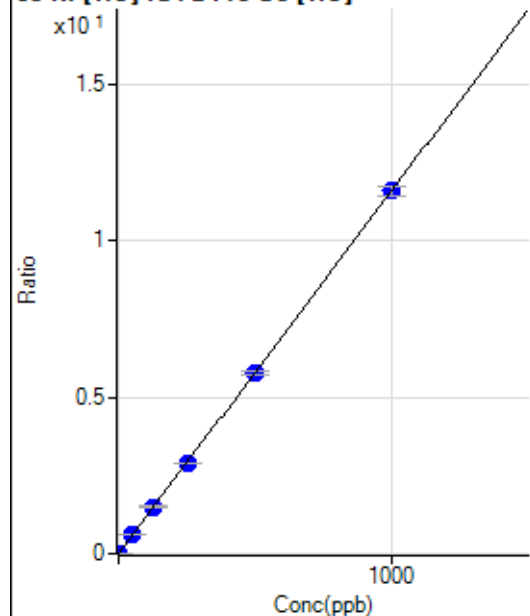
$$R = 0.9999$$

$$DL = 0.02616$$

$$BEC = 0.0282$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	101.11	0.0024	P	9.9
2	☐	0.100					
3	☐	1.000	1.066	646.69	0.0147	P	8.9
4	☐	50.000	50.942	26189.19	0.5929	P	1.1
5	☐	125.000	128.728	64739.71	1.4945	P	6.2
6	☐	250.000	250.376	125337.64	2.9046	P	0.9
7	☐	500.000	498.454	243546.26	5.7802	P	1.8
8	☐	1000.000	1000.166	480849.16	11.5958	P	2.4
9	☐			14829.18	0.3569	P	2.8

$$y = 0.0116 * x + 0.0024$$

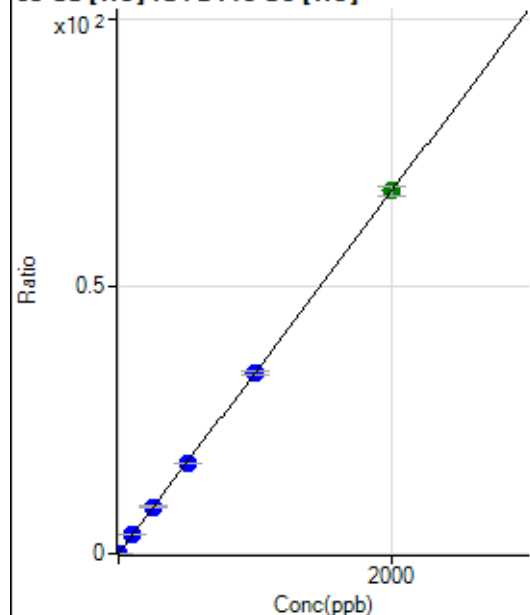
$$R = 1.0000$$

$$DL = 0.0611$$

$$BEC = 0.2063$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	347.79	0.0082	P	11.8
2	☐	0.200					
3	☐	2.000	1.955	3267.11	0.0744	P	2.7
4	☐	100.000	101.905	152831.49	3.4598	P	0.8
5	☐	250.000	256.805	377213.27	8.7063	P	5.6
6	☐	500.000	498.526	728967.71	16.8936	P	0.6
7	☐	1000.000	993.439	1418037.29	33.6565	P	2.1
8	☐	2000.000	2002.703	2813183.78	67.8408	A	2.5
9	☐			6742.86	0.1623	P	4.4

$$y = 0.0339 * x + 0.0082$$

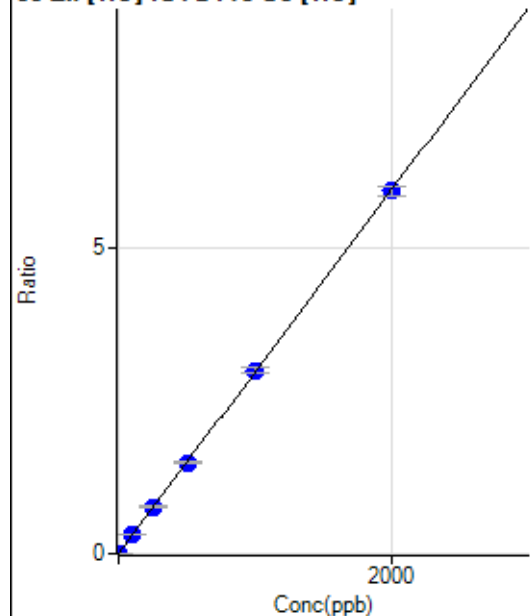
$$R = 1.0000$$

$$DL = 0.08566$$

$$BEC = 0.2429$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	140.00	0.0033	P	5.5
2	☐	0.200					
3	☐	2.000	1.603	354.45	0.0081	P	3.6
4	☐	100.000	103.258	13718.06	0.3105	P	0.7
5	☐	250.000	255.248	33049.50	0.7627	P	5.4
6	☐	500.000	499.704	64292.67	1.4900	P	1.3
7	☐	1000.000	1007.970	126479.18	3.0022	P	2.7
8	☐	2000.000	1995.271	246299.71	5.9395	P	2.5
9	☐			1855.72	0.0446	P	5.0

$$y = 0.0030 * x + 0.0033$$

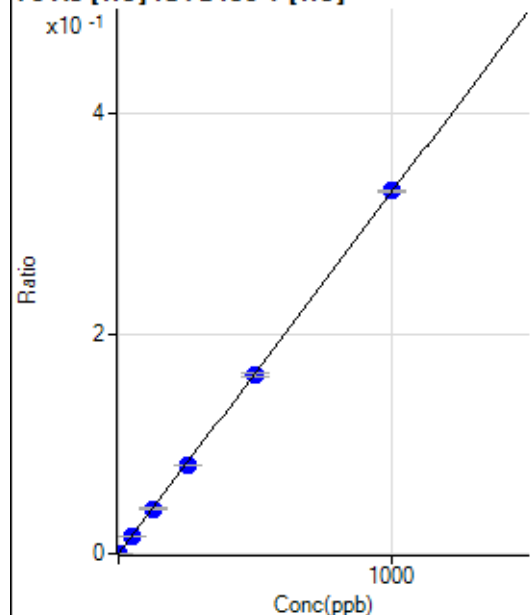
$$R = 1.0000$$

$$DL = 0.1838$$

$$BEC = 1.112$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.70	0.0000	P	99.9
2	☐	0.100					
3	☐	1.000	1.004	102.47	0.0003	P	11.6
4	☐	50.000	49.886	4875.60	0.0164	P	1.9
5	☐	125.000	124.406	11949.70	0.0409	P	5.5
6	☐	250.000	245.429	23327.75	0.0806	P	0.8
7	☐	500.000	494.497	45373.55	0.1624	P	2.0
8	☐	1000.000	1003.974	90881.91	0.3296	P	0.4
9	☐			148.77	0.0005	P	14.9

$$y = 3.2831\text{E-}004 * x + 1.2867\text{E-}005$$

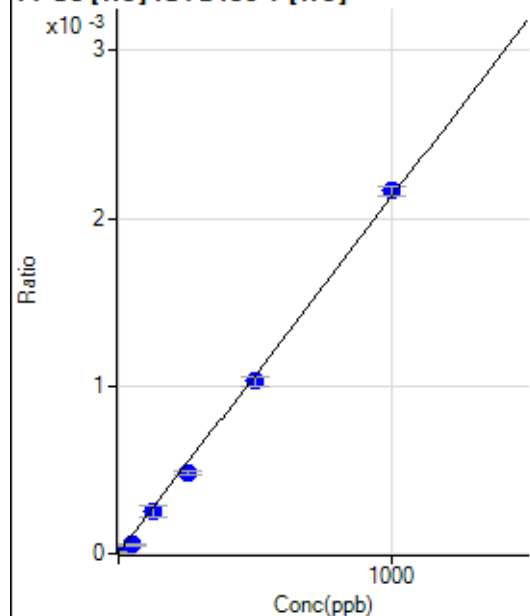
$$R = 1.0000$$

$$DL = 0.1175$$

$$BEC = 0.03919$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	3.412	3.33	0.0000	P	99.7
4	☐	50.000	24.567	16.67	0.0001	P	20.3
5	☐	125.000	116.823	73.34	0.0003	P	30.6
6	☐	250.000	224.152	138.89	0.0005	P	6.2
7	☐	500.000	483.133	287.79	0.0010	P	5.2
8	☐	1000.000	1017.197	596.69	0.0022	P	2.4
9	☐			0.00	0.0000	P	

$$y = 2.1240\text{E-}006 * x + 3.8641\text{E-}006$$

$$R = 0.9993$$

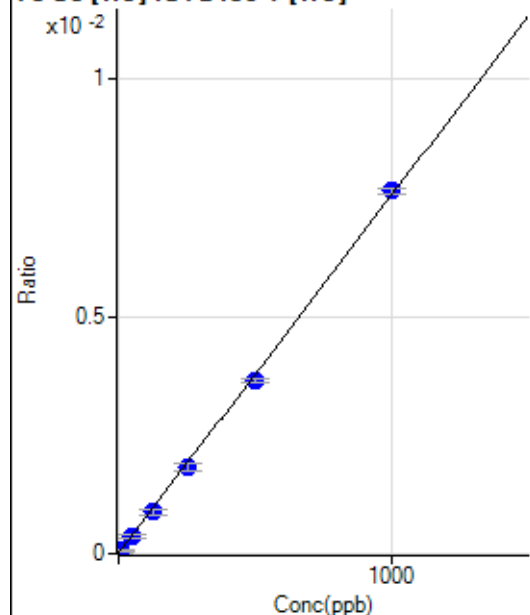
$$DL = 9.453$$

$$BEC = 1.819$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.47	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	7.061	18.52	0.0001	P	17.4
4	☐	50.000	45.270	104.33	0.0004	P	23.3
5	☐	125.000	114.589	256.18	0.0009	P	10.5
6	☐	250.000	241.985	530.88	0.0018	P	8.8
7	☐	500.000	482.981	1020.42	0.0037	P	2.1
8	☐	1000.000	1012.041	2106.98	0.0076	P	1.8
9	☐			2.47	0.0000	P	44.7

$$y = 7.5424\text{E-}006 * x + 8.6391\text{E-}006$$

$$R = 0.9997$$

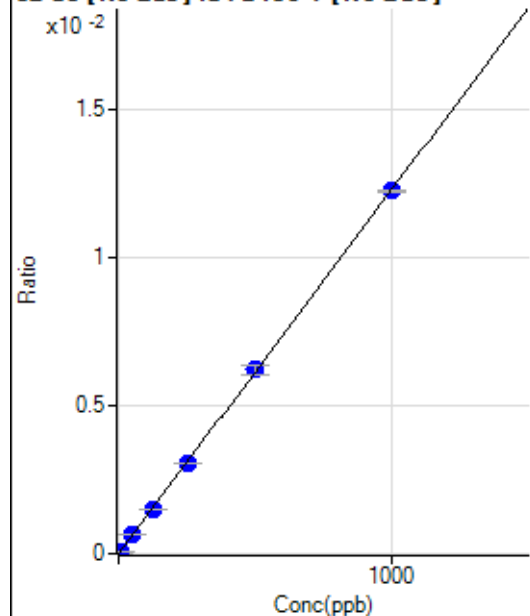
$$DL = 2.976$$

$$BEC = 1.145$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-6.26	0.0000	P	-83.
2	☐	0.500					
3	☐	5.000	4.282	488.87	0.0001	P	14.2
4	☐	50.000	51.231	5875.54	0.0006	P	3.4
5	☐	125.000	122.888	14400.39	0.0015	P	0.9
6	☐	250.000	247.762	28715.96	0.0030	P	1.0
7	☐	500.000	506.463	56973.01	0.0062	P	4.9
8	☐	1000.000	997.534	113630.59	0.0123	P	0.2
9	☐			83.37	0.0000	P	37.7

$$y = 1.2292\text{E-}005 * x - 6.6764\text{E-}007$$

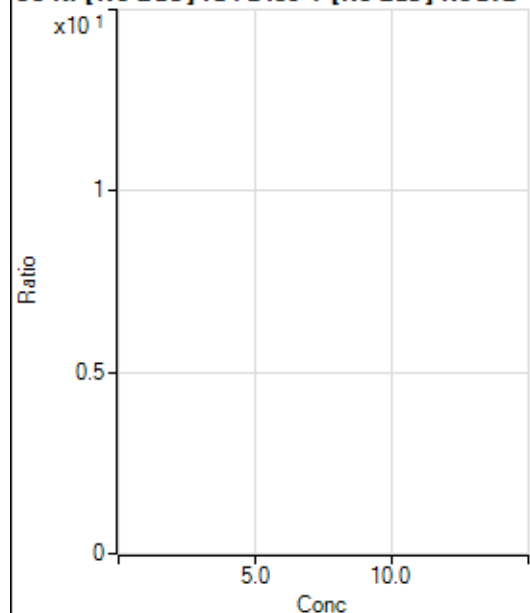
$$R = 1.0000$$

$$DL = 0.1353$$

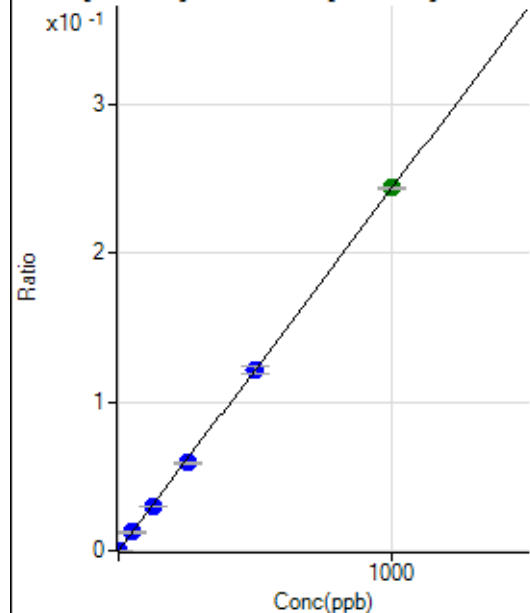
$$BEC = -0.05431$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] ISTD:89 Y [No Gas] No av_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			351.12	0.0000	P	2.6
2	☐						
3	☐			370.02	0.0000	P	19.5
4	☐			352.23	0.0000	P	10.8
5	☐			380.01	0.0000	P	6.0
6	☐			353.35	0.0000	P	8.7
7	☐			364.46	0.0000	P	6.8
8	☐			373.34	0.0000	P	8.9
9	☐			346.68	0.0000	P	9.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	561.15	0.0001	P	6.7
2	☐	0.100					
3	☐	1.000	0.962	2761.50	0.0003	P	3.5
4	☐	50.000	50.356	114840.74	0.0123	P	4.4
5	☐	125.000	122.354	284242.00	0.0298	P	1.6
6	☐	250.000	242.160	555754.09	0.0589	P	1.0
7	☐	500.000	499.190	1111556.84	0.1214	P	3.8
8	☐	1000.000	1002.678	2259538.79	0.2438	A	0.4
9	☐			11330.17	0.0013	P	0.7

$$y = 2.4310E-004 * x + 6.0284E-005$$

$$R = 1.0000$$

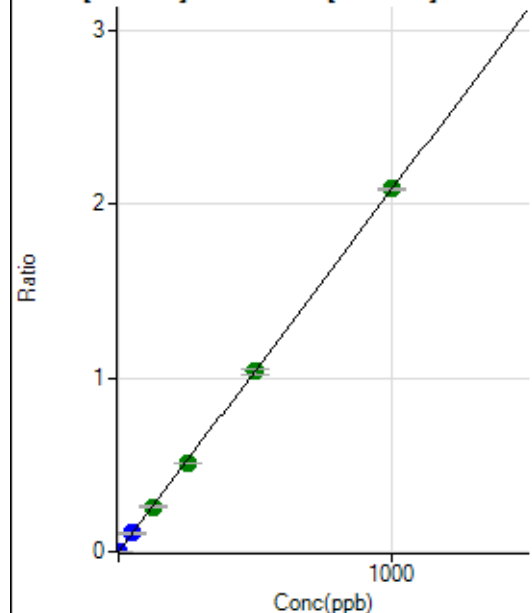
$$DL = 0.04965$$

$$BEC = 0.248$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	222.24	0.0000	P	22.6
2	☐	0.100					
3	☐	1.000	0.949	18785.86	0.0020	P	3.1
4	☐	50.000	50.730	986586.86	0.1057	P	4.4
5	☐	125.000	124.143	2466235.19	0.2586	A	1.6
6	☐	250.000	242.917	4771969.12	0.5060	A	0.7
7	☐	500.000	497.973	9496096.57	1.0372	A	3.7
8	☐	1000.000	1002.855	19358246.61	2.0888	A	0.5
9	☐			92428.71	0.0102	P	0.4

$$y = 0.0021 * x + 2.3870E-005$$

$$R = 1.0000$$

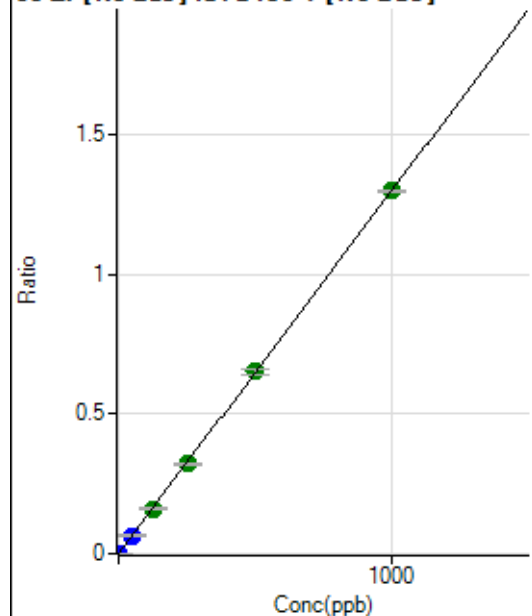
$$DL = 0.007761$$

$$BEC = 0.01146$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	730.61	0.0001	P	20.6
2	☐	0.100					
3	☐	1.000	0.893	11624.91	0.0012	P	1.4
4	☐	50.000	49.424	599576.78	0.0642	P	3.8
5	☐	125.000	123.472	1528818.23	0.1603	A	2.5
6	☐	250.000	247.169	3025820.45	0.3208	A	1.0
7	☐	500.000	501.060	5953871.75	0.6503	A	3.8
8	☐	1000.000	1000.398	12032623.88	1.2983	A	0.6
9	☐			3667.33	0.0004	P	4.7

$$y = 0.0013 * x + 7.8614E-005$$

$$R = 1.0000$$

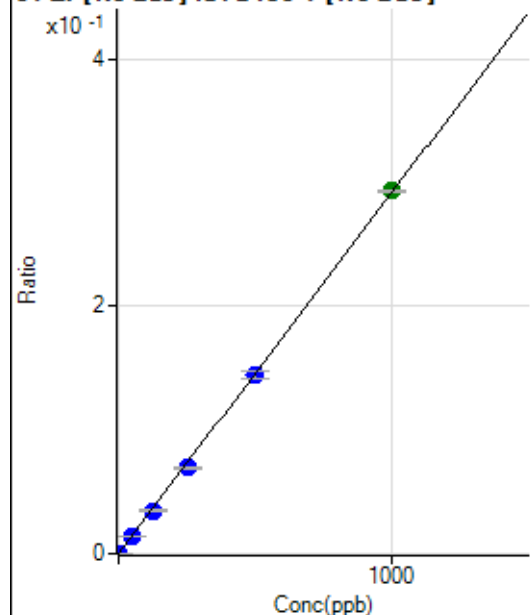
$$DL = 0.03745$$

$$BEC = 0.06058$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	172.23	0.0000	P	18.8
2	☐	0.100					
3	☐	1.000	0.861	2533.69	0.0003	P	4.2
4	☐	50.000	48.828	133230.80	0.0143	P	3.5
5	☐	125.000	119.372	332408.90	0.0349	P	2.1
6	☐	250.000	238.919	657741.81	0.0697	P	1.7
7	☐	500.000	495.891	1325115.46	0.1447	P	3.8
8	☐	1000.000	1005.587	2719954.23	0.2935	A	0.6
9	☐			766.73	0.0001	P	11.3

$$y = 2.9184\text{E-}004 * x + 1.8517\text{E-}005$$

$$R = 0.9999$$

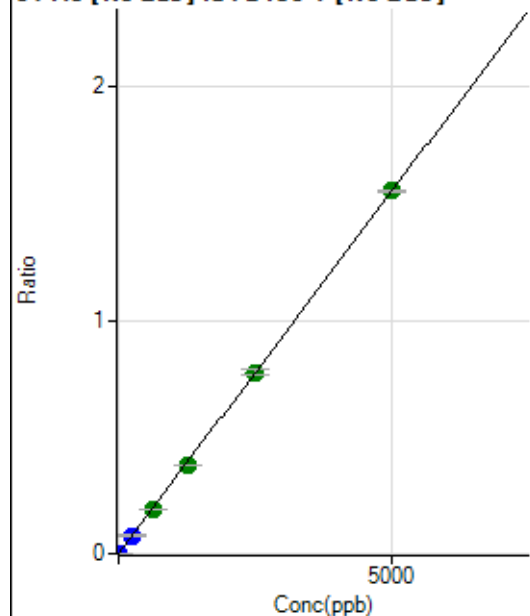
$$DL = 0.03587$$

$$BEC = 0.06345$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	302.80	0.0000	P	23.6
2	☐	0.500					
3	☐	5.000	4.651	13846.50	0.0015	P	4.0
4	☐	250.000	248.353	719085.16	0.0770	P	4.1
5	☐	625.000	614.243	1816434.31	0.1905	A	1.1
6	☐	1250.000	1222.633	3574937.28	0.3791	A	0.8
7	☐	2500.000	2498.722	7093013.36	0.7747	A	3.3
8	☐	5000.000	5008.908	14391390.95	1.5529	A	0.6
9	☐			17787.28	0.0020	P	2.5

$$y = 3.1001\text{E-}004 * x + 3.2462\text{E-}005$$

$$R = 1.0000$$

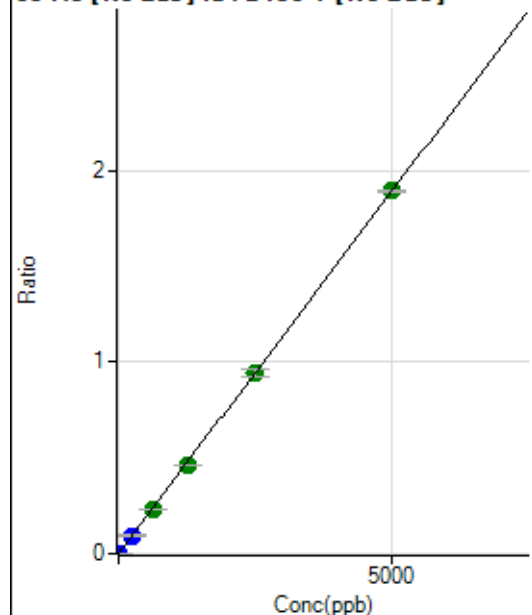
$$DL = 0.07413$$

$$BEC = 0.1047$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0000	P	65.8
2	☐	0.500					
3	☐	5.000	4.600	16338.27	0.0017	P	0.4
4	☐	250.000	248.444	875851.49	0.0938	P	4.7
5	☐	625.000	617.520	2224330.63	0.2332	A	0.9
6	☐	1250.000	1218.409	4339647.54	0.4602	A	1.3
7	☐	2500.000	2495.784	8628987.69	0.9426	A	3.9
8	☐	5000.000	5011.019	17538756.81	1.8925	A	0.4
9	☐			29330.02	0.0032	P	3.0

$$y = 3.7767\text{E-}004 * x + 2.0959\text{E-}006$$

$$R = 1.0000$$

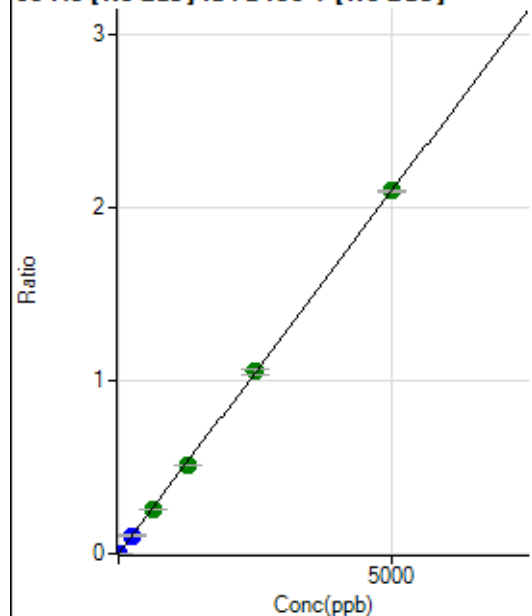
$$DL = 0.01095$$

$$BEC = 0.00555$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0000	P	43.7
2	☐	0.500					
3	☐	5.000	4.754	18808.23	0.0020	P	2.8
4	☐	250.000	251.162	982253.79	0.1052	P	4.1
5	☐	625.000	614.594	2455187.29	0.2574	A	1.5
6	☐	1250.000	1220.211	4820287.22	0.5111	A	1.1
7	☐	2500.000	2508.918	9621991.62	1.0509	A	3.5
8	☐	5000.000	5004.231	19425503.56	2.0961	A	0.2
9	☐			32902.11	0.0036	P	0.7

$$y = 4.1886\text{E-}004 * x + 1.1659\text{E-}005$$

$$R = 1.0000$$

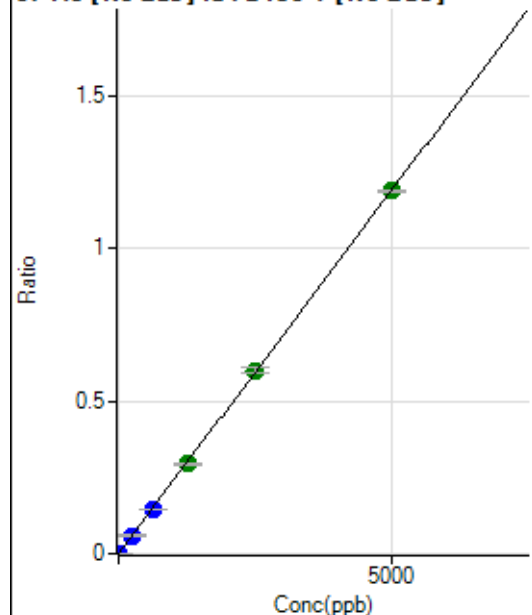
$$DL = 0.03646$$

$$BEC = 0.02784$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	67.8
2	☐	0.500					
3	☐	5.000	4.648	10421.17	0.0011	P	3.0
4	☐	250.000	248.188	550303.09	0.0590	P	5.2
5	☐	625.000	604.068	1368575.63	0.1435	P	1.3
6	☐	1250.000	1235.893	2768816.40	0.2936	A	0.8
7	☐	2500.000	2520.581	5482165.10	0.5988	A	3.5
8	☐	5000.000	4995.944	10998593.82	1.1868	A	0.3
9	☐			18162.90	0.0020	P	1.7

$$y = 2.3755E-004 * x + 5.0983E-006$$

$$R = 1.0000$$

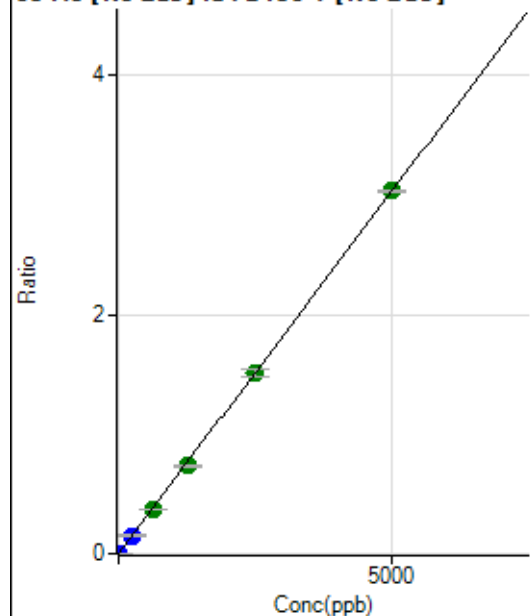
$$DL = 0.04368$$

$$BEC = 0.02146$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	70.9
2	☐	0.500					
3	☐	5.000	4.668	26590.94	0.0028	P	2.7
4	☐	250.000	249.981	1412149.93	0.1513	P	4.6
5	☐	625.000	606.858	3502455.25	0.3672	A	1.2
6	☐	1250.000	1209.357	6902018.21	0.7318	A	0.3
7	☐	2500.000	2504.313	13873975.14	1.5155	A	4.0
8	☐	5000.000	5010.273	28098641.25	3.0319	A	0.3
9	☐			47344.93	0.0052	P	4.0

$$y = 6.0514E-004 * x + 6.6030E-006$$

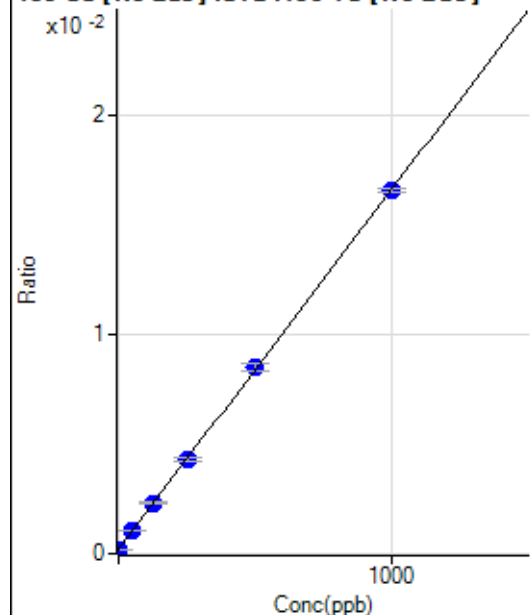
$$R = 1.0000$$

$$DL = 0.0232$$

$$BEC = 0.01091$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2280.86	0.0002	P	3.0
2	☐	0.100					
3	☐	1.000	-0.088	2305.86	0.0002	P	3.3
4	☐	50.000	51.768	11786.25	0.0011	P	2.9
5	☐	125.000	128.877	26551.92	0.0023	P	2.4
6	☐	250.000	250.084	49667.69	0.0043	P	2.6
7	☐	500.000	505.925	96774.17	0.0085	P	4.0
8	☐	1000.000	996.445	193317.03	0.0166	P	0.9
9	☐			2211.41	0.0002	P	16.8

$$y = 1.6419\text{E-}005 * x + 2.0841\text{E-}004$$

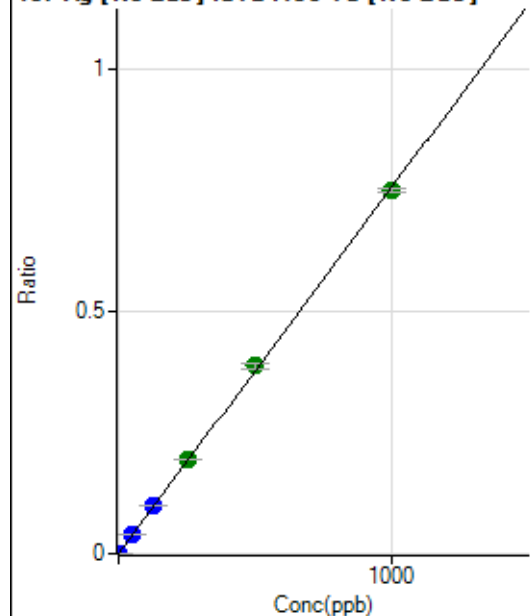
$$R = 1.0000$$

$$DL = 1.126$$

$$BEC = 12.69$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	66.67	0.0000	P	44.8
2	☐	0.100					
3	☐	1.000	0.999	8478.01	0.0008	P	4.4
4	☐	50.000	53.502	449988.00	0.0404	P	4.4
5	☐	125.000	129.663	1119413.16	0.0980	P	1.4
6	☐	250.000	256.314	2230265.13	0.1937	A	1.2
7	☐	500.000	512.967	4406087.60	0.3877	A	3.7
8	☐	1000.000	991.180	8739558.09	0.7490	A	1.1
9	☐			972.31	0.0001	P	12.1

$$y = 7.5571\text{E-}004 * x + 6.0790\text{E-}006$$

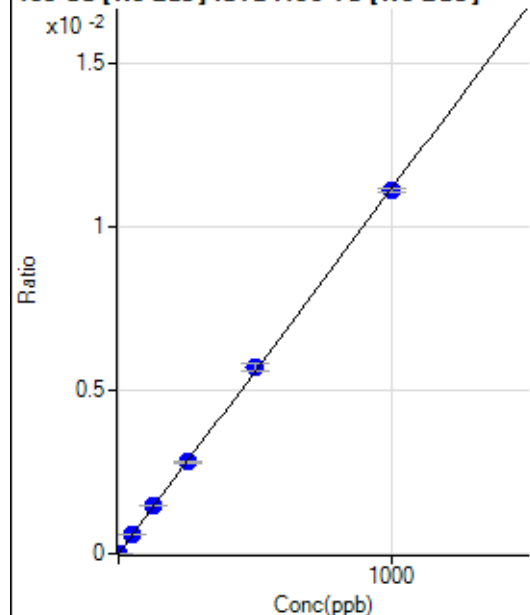
$$R = 0.9998$$

$$DL = 0.0108$$

$$BEC = 0.008044$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9.72	0.0000	P	25.1
2	☐	0.100					
3	☐	1.000	0.913	123.61	0.0000	P	9.7
4	☐	50.000	52.806	6575.36	0.0006	P	4.3
5	☐	125.000	130.191	16623.01	0.0015	P	1.7
6	☐	250.000	251.115	32308.44	0.0028	P	1.5
7	☐	500.000	509.915	64747.92	0.0057	P	4.0
8	☐	1000.000	993.975	129562.43	0.0111	P	0.9
9	☐			61.11	0.0000	P	25.9

$$y = 1.1171\text{E-}005 * x + 8.8892\text{E-}007$$

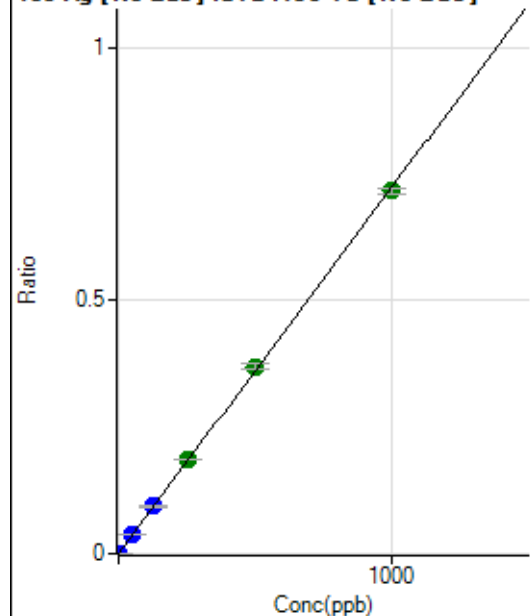
$$R = 0.9999$$

$$DL = 0.05987$$

$$BEC = 0.07958$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0000	P	26.0
2	☐	0.100					
3	☐	1.000	1.000	8091.71	0.0007	P	4.1
4	☐	50.000	53.335	428879.57	0.0385	P	4.1
5	☐	125.000	129.456	1068401.31	0.0935	P	2.3
6	☐	250.000	256.837	2136612.50	0.1856	A	1.2
7	☐	500.000	512.184	4206964.20	0.3701	A	2.7
8	☐	1000.000	991.475	8357783.69	0.7163	A	1.4
9	☐			980.64	0.0001	P	9.3

$$y = 7.2250\text{E-}004 * x + 3.5615\text{E-}006$$

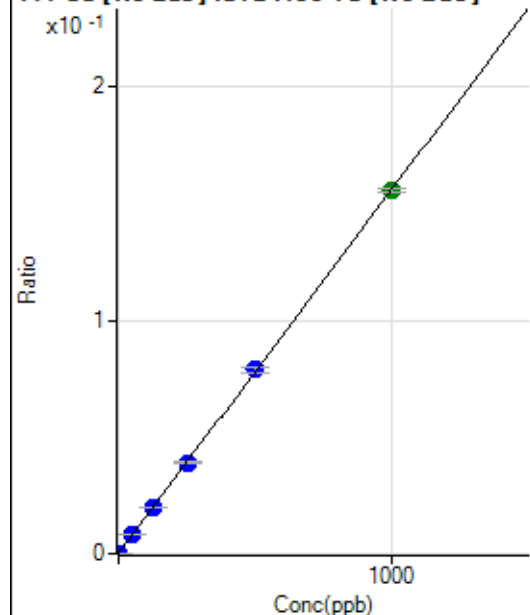
$$R = 0.9999$$

$$DL = 0.003849$$

$$BEC = 0.004929$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1592.58	0.0001	P	2.8
2	☐	0.100					
3	☐	1.000	0.880	3147.15	0.0003	P	6.0
4	☐	50.000	52.495	92611.53	0.0083	P	3.3
5	☐	125.000	126.942	227469.17	0.0199	P	1.9
6	☐	250.000	249.691	449339.17	0.0390	P	1.7
7	☐	500.000	505.062	895652.74	0.0788	P	3.4
8	☐	1000.000	997.179	1813556.43	0.1554	A	0.9
9	☐			1988.56	0.0002	P	6.1

$$y = 1.5572\text{E-}004 * x + 1.4552\text{E-}004$$

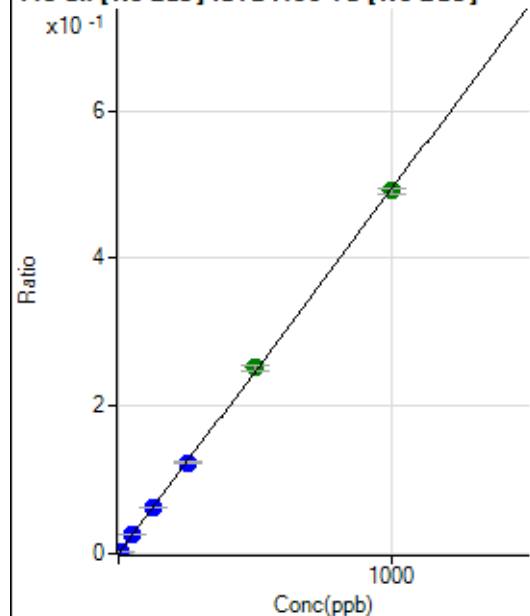
$$R = 1.0000$$

$$DL = 0.07976$$

$$BEC = 0.9345$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2133.61	0.0002	P	6.4
2	☐	0.500					
3	☐	5.000	4.669	27871.85	0.0025	P	0.3
4	☐	50.000	51.349	284399.21	0.0256	P	4.1
5	☐	125.000	126.179	714106.50	0.0625	P	1.3
6	☐	250.000	249.419	1420459.75	0.1234	P	2.1
7	☐	500.000	509.894	2864765.41	0.2520	A	3.1
8	☐	1000.000	994.985	5735608.20	0.4916	A	1.5
9	☐			14255.38	0.0013	P	4.2

$$y = 4.9388\text{E-}004 * x + 1.9504\text{E-}004$$

$$R = 0.9999$$

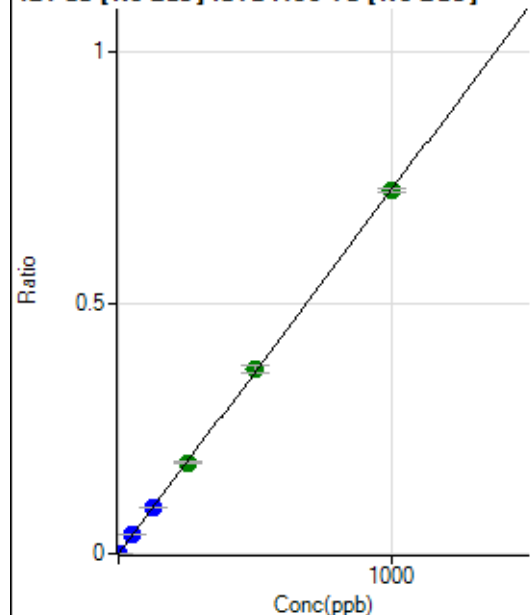
$$DL = 0.0754$$

$$BEC = 0.3949$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	38.4
2	☐	0.200					
3	☐	2.000	1.886	15320.54	0.0014	P	1.5
4	☐	50.000	51.194	413809.12	0.0372	P	3.8
5	☐	125.000	125.804	1043709.98	0.0914	P	1.0
6	☐	250.000	249.531	2086313.53	0.1812	A	1.7
7	☐	500.000	506.334	4179095.75	0.3677	A	3.8
8	☐	1000.000	996.790	8445810.43	0.7239	A	0.9
9	☐			21729.66	0.0019	P	6.0

$$y = 7.2619\text{E-}004 * x + 5.0832\text{E-}006$$

$$R = 1.0000$$

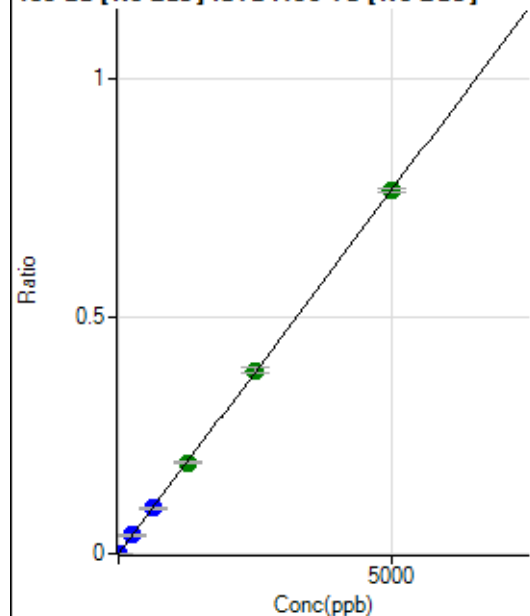
$$DL = 0.008059$$

$$BEC = 0.007$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	52.2
2	☐	1.000					
3	☐	10.000	9.514	16291.24	0.0015	P	1.3
4	☐	250.000	255.528	435664.36	0.0392	P	4.7
5	☐	625.000	622.584	1089672.10	0.0954	P	1.5
6	☐	1250.000	1254.012	2211957.25	0.1921	A	2.0
7	☐	2500.000	2515.421	4380763.77	0.3854	A	3.2
8	☐	5000.000	4991.313	8922464.09	0.7647	A	1.2
9	☐			1677.96	0.0001	P	13.0

$$y = 1.5321\text{E-}004 * x + 4.3334\text{E-}006$$

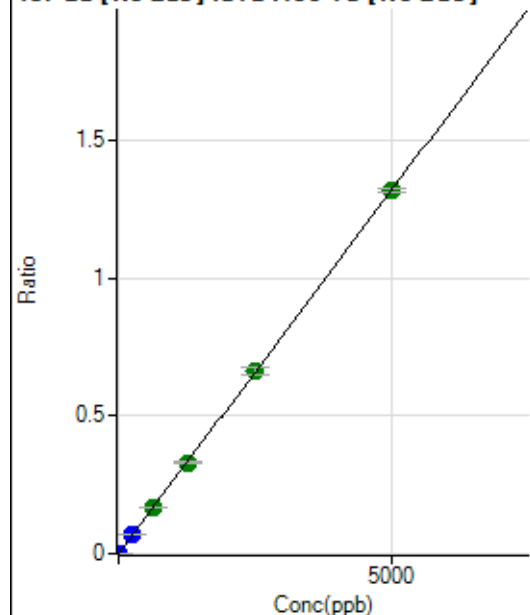
$$R = 1.0000$$

$$DL = 0.04432$$

$$BEC = 0.02828$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	44.45	0.0000	P	39.8
2	☐	1.000					
3	☐	10.000	9.801	28885.14	0.0026	P	2.1
4	☐	250.000	259.606	763153.65	0.0686	P	3.5
5	☐	625.000	631.202	1904124.00	0.1667	A	2.6
6	☐	1250.000	1249.640	3799672.66	0.3300	A	1.8
7	☐	2500.000	2513.727	7546359.63	0.6639	A	3.2
8	☐	5000.000	4991.971	15382549.99	1.3184	A	1.0
9	☐			2822.66	0.0003	P	13.2

$$y = 2.6410E-004 * x + 4.0761E-006$$

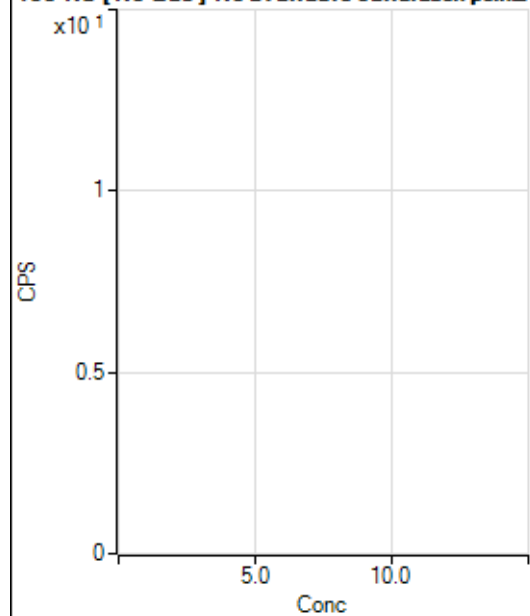
$$R = 1.0000$$

$$DL = 0.01844$$

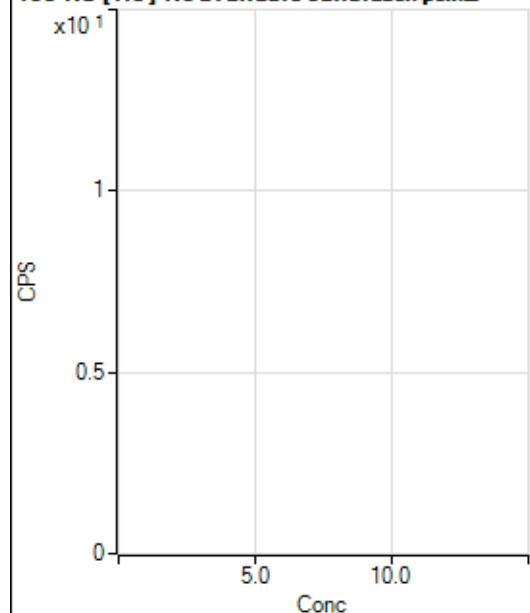
$$BEC = 0.01543$$

Weight: <None>

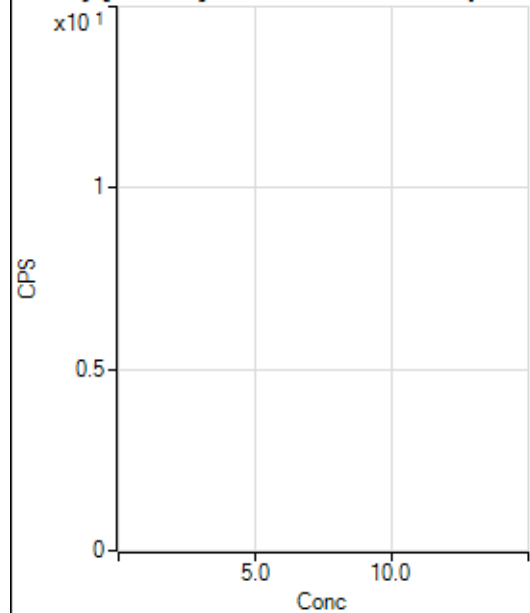
Min Conc: 0

150 Nd [No Gas] No available calibration points

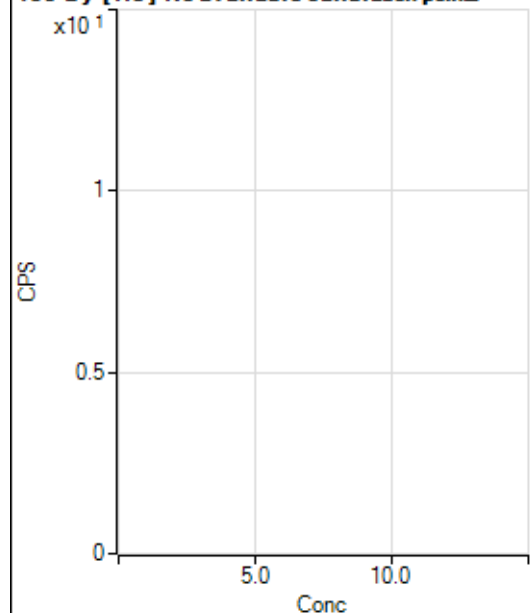
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	34.6
2	☐						
3	☐			2.22		P	173.
4	☐			37.78		P	20.4
5	☐			40.00		P	28.9
6	☐			126.68		P	9.1
7	☐			197.79		P	19.2
8	☐			368.91		P	9.1
9	☐			100.00		P	24.0

150 Nd [He] No available calibration points

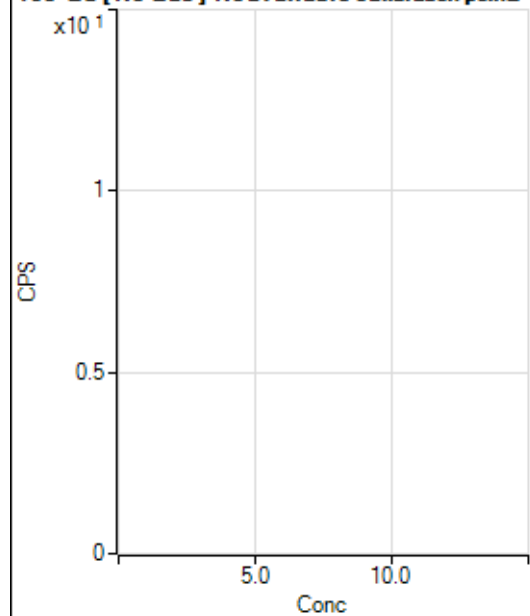
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	173.
5	☐			2.22		P	86.6
6	☐			1.11		P	173.
7	☐			4.44		P	114.
8	☐			7.78		P	24.7
9	☐			12.22		P	68.7

156 Dy [No Gas] No available calibration points

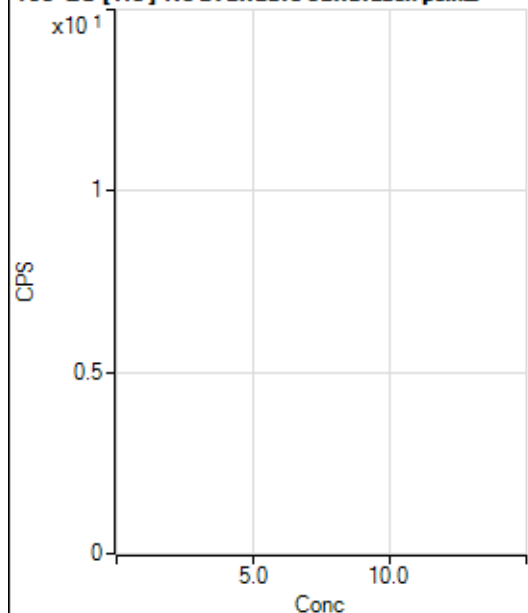
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	69.3
2	☐						
3	☐			22.22		P	57.3
4	☐			27.78		P	75.5
5	☐			36.11		P	35.3
6	☐			38.89		P	12.4
7	☐			77.78		P	32.7
8	☐			122.23		P	27.6
9	☐			108.34		P	26.7

156 Dy [He] No available calibration points

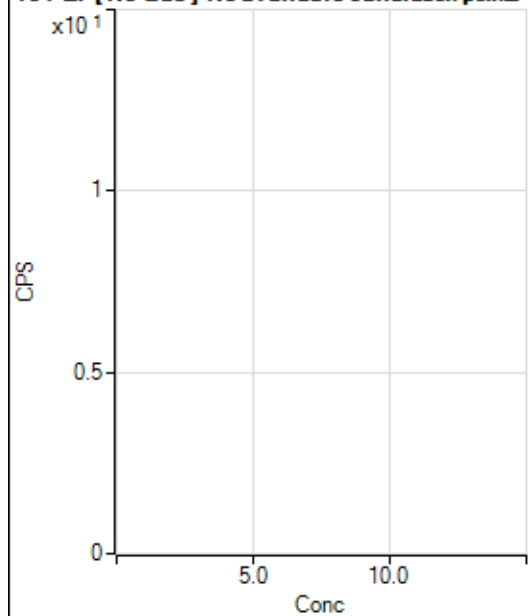
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			2.22		P	86.6
4	☐			4.45		P	86.6
5	☐			1.11		P	173.
6	☐			4.44		P	114.
7	☐			5.56		P	34.7
8	☐			15.55		P	86.6
9	☐			15.56		P	61.9

160 Gd [No Gas] Noavailable calibration poin_

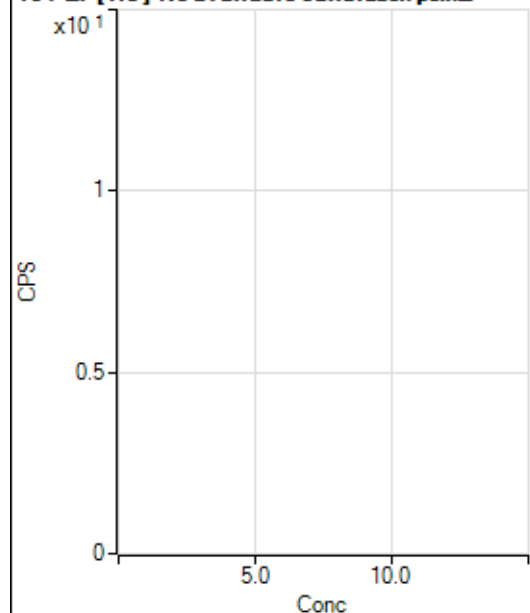
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			77.78		P	16.4
2	☐						
3	☐			80.56		P	21.5
4	☐			83.34		P	34.6
5	☐			119.45		P	35.1
6	☐			72.22		P	6.7
7	☐			91.67		P	54.5
8	☐			116.67		P	25.8
9	☐			125.00		P	23.1

160 Gd [He] No available calibration points

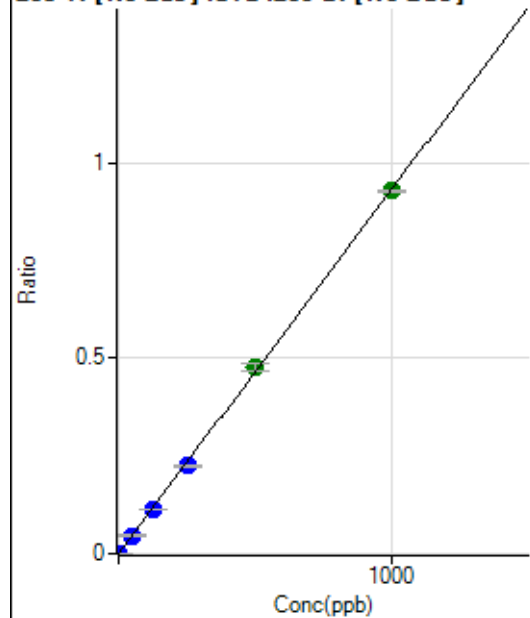
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	40.0
2	☐						
3	☐			11.11		P	17.3
4	☐			8.89		P	21.6
5	☐			10.00		P	57.7
6	☐			15.55		P	44.6
7	☐			18.89		P	10.2
8	☐			31.11		P	16.4
9	☐			24.45		P	55.1

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	26.7
2	☐						
3	☐			52.78		P	24.1
4	☐			52.78		P	18.2
5	☐			41.67		P	40.0
6	☐			41.67		P	34.7
7	☐			55.56		P	22.9
8	☐			86.12		P	20.1
9	☐			50.00		P	72.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	0.0
2	☐						
3	☐			7.78		P	107.
4	☐			4.44		P	43.4
5	☐			7.78		P	24.7
6	☐			11.11		P	96.4
7	☐			7.78		P	24.7
8	☐			14.44		P	53.3
9	☐			4.44		P	114.

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19.44	0.0000	P	48.9
2	☐	0.100					
3	☐	1.000	0.915	5909.97	0.0009	P	2.6
4	☐	50.000	49.365	318424.52	0.0460	P	3.7
5	☐	125.000	121.326	797615.93	0.1131	P	2.0
6	☐	250.000	241.203	1598329.87	0.2248	P	1.6
7	☐	500.000	512.264	3292327.76	0.4775	A	4.2
8	☐	1000.000	996.559	6654193.81	0.9290	A	0.8
9	☐			3900.78	0.0006	P	4.4

$$y = 9.3216E-004 * x + 2.8038E-006$$

$$R = 0.9998$$

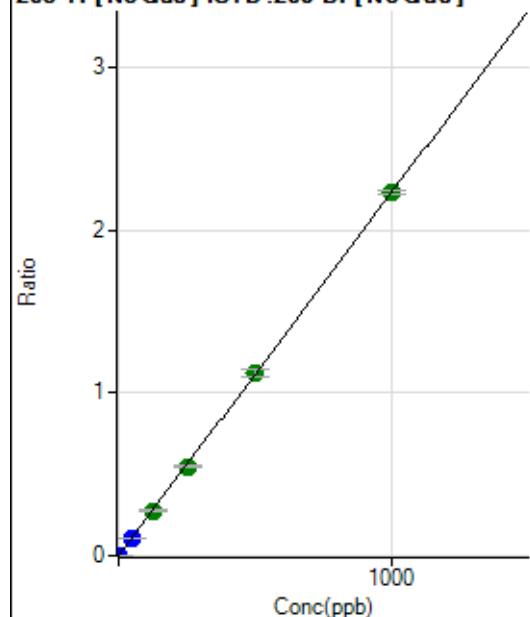
$$DL = 0.004408$$

$$BEC = 0.003008$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	29.7
2	☐	0.100					
3	☐	1.000	0.961	14848.32	0.0022	P	6.0
4	☐	50.000	49.276	761760.44	0.1101	P	2.9
5	☐	125.000	124.016	1953785.89	0.2770	A	1.3
6	☐	250.000	245.596	3899715.54	0.5486	A	1.5
7	☐	500.000	503.899	7759738.71	1.1255	A	4.5
8	☐	1000.000	999.311	15988671.71	2.2321	A	1.2
9	☐			9301.00	0.0014	P	4.0

$$y = 0.0022 * x + 6.4445E-006$$

$$R = 1.0000$$

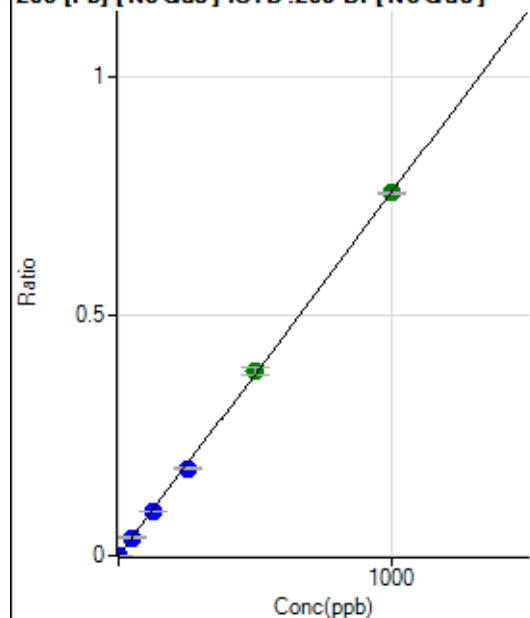
$$DL = 0.002569$$

$$BEC = 0.002885$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	162.97	0.0000	P	14.8
2	☐	0.100					
3	☐	1.000	0.946	5106.75	0.0007	P	4.4
4	☐	50.000	49.423	259174.97	0.0375	P	3.9
5	☐	125.000	120.969	646368.07	0.0917	P	2.1
6	☐	250.000	240.030	1292630.06	0.1818	P	1.6
7	☐	500.000	508.482	2656223.18	0.3852	A	3.4
8	☐	1000.000	998.784	5419394.91	0.7566	A	0.8
9	☐			32917.37	0.0050	P	0.6

$$y = 7.5747E-004 * x + 2.3559E-005$$

$$R = 0.9999$$

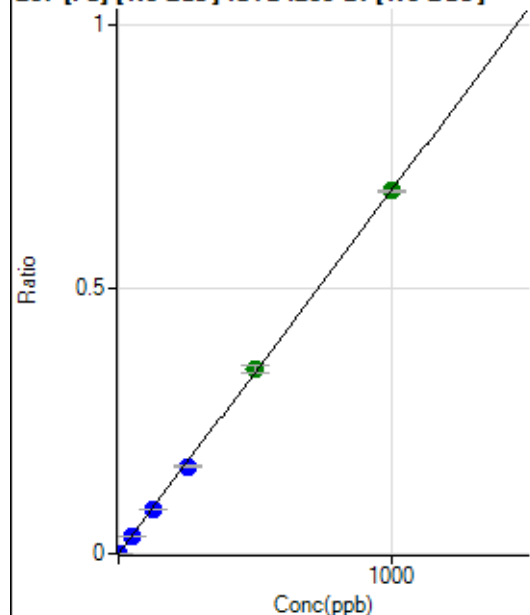
$$DL = 0.01382$$

$$BEC = 0.0311$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	124.08	0.0000	P	23.3
2	☐	0.100					
3	☐	1.000	0.933	4537.98	0.0007	P	10.7
4	☐	50.000	49.294	234237.66	0.0339	P	3.6
5	☐	125.000	120.822	584979.07	0.0829	P	2.0
6	☐	250.000	239.787	1170092.46	0.1646	P	1.7
7	☐	500.000	507.948	2404084.34	0.3487	A	3.9
8	☐	1000.000	999.137	4912537.44	0.6858	A	0.6
9	☐			27539.62	0.0042	P	1.1

$$y = 6.8638\text{E-}004 * x + 1.7993\text{E-}005$$

$$R = 0.9999$$

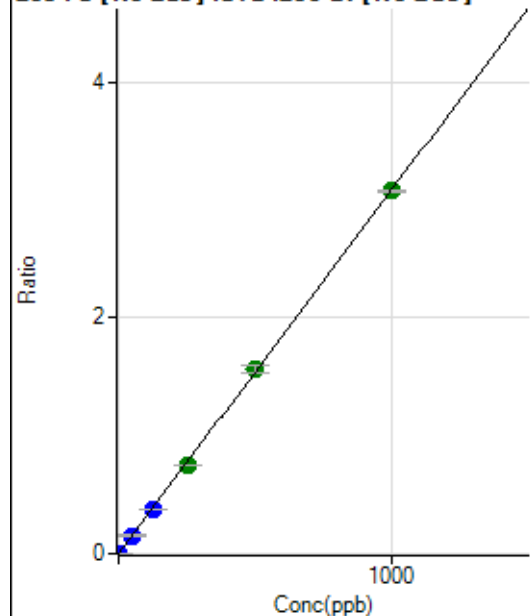
$$DL = 0.01835$$

$$BEC = 0.02621$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	640.77	0.0001	P	6.3
2	☐	0.100					
3	☐	1.000	0.935	20518.17	0.0030	P	5.6
4	☐	50.000	49.364	1053586.20	0.1523	P	3.8
5	☐	125.000	121.217	2636142.25	0.3738	P	1.8
6	☐	250.000	243.478	5336542.93	0.7507	A	1.5
7	☐	500.000	508.635	10812786.93	1.5681	A	3.8
8	☐	1000.000	997.818	22035230.53	3.0762	A	0.8
9	☐			128187.34	0.0196	P	0.8

$$y = 0.0031 * x + 9.2760\text{E-}005$$

$$R = 0.9999$$

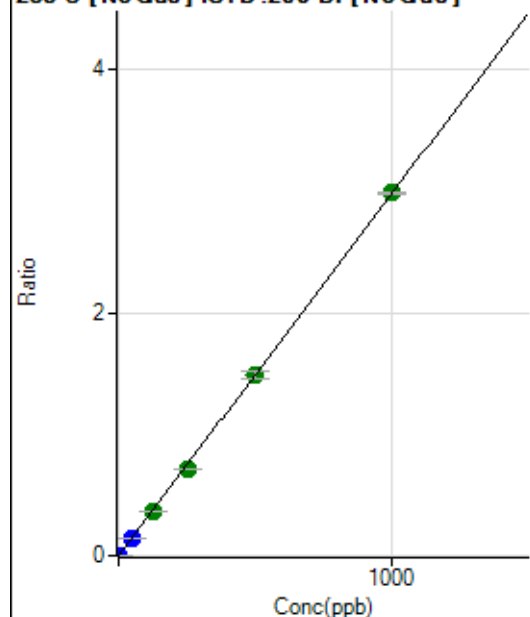
$$DL = 0.00567$$

$$BEC = 0.03009$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	42.4
2	☐	0.100					
3	☐	1.000	0.913	18798.16	0.0027	P	4.2
4	☐	50.000	48.303	995458.43	0.1439	P	4.0
5	☐	125.000	120.832	2538420.35	0.3599	A	1.4
6	☐	250.000	239.952	5080789.00	0.7147	A	1.5
7	☐	500.000	499.479	10258519.24	1.4877	A	3.8
8	☐	1000.000	1003.379	21408107.42	2.9887	A	0.6
9	☐			1847.46	0.0003	P	17.1

$$y = 0.0030 * x + 4.4400E-006$$

$$R = 0.9999$$

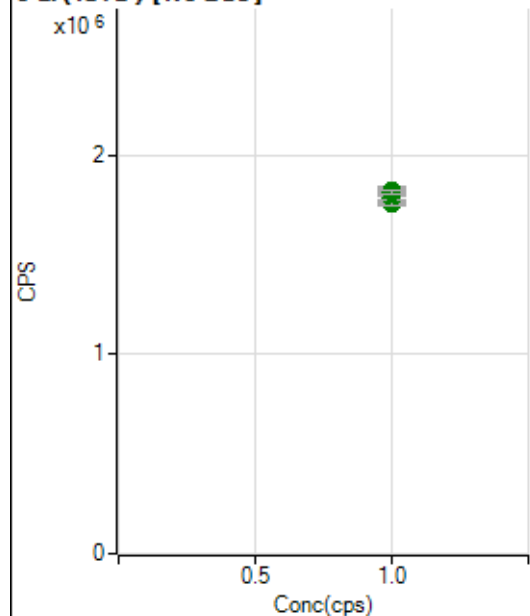
$$DL = 0.001898$$

$$BEC = 0.001491$$

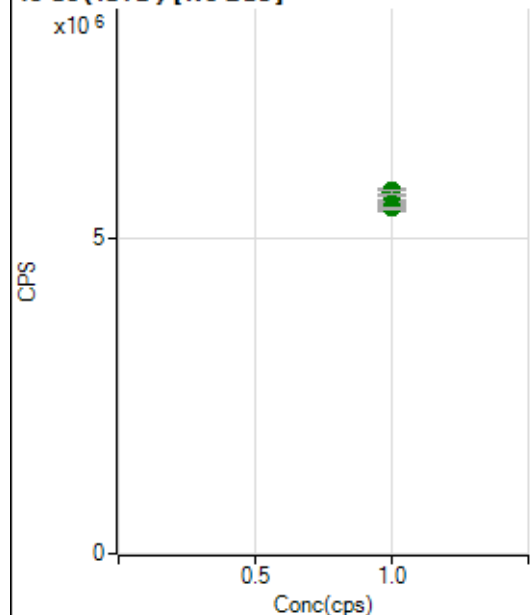
Weight: <None>

Min Conc: 0

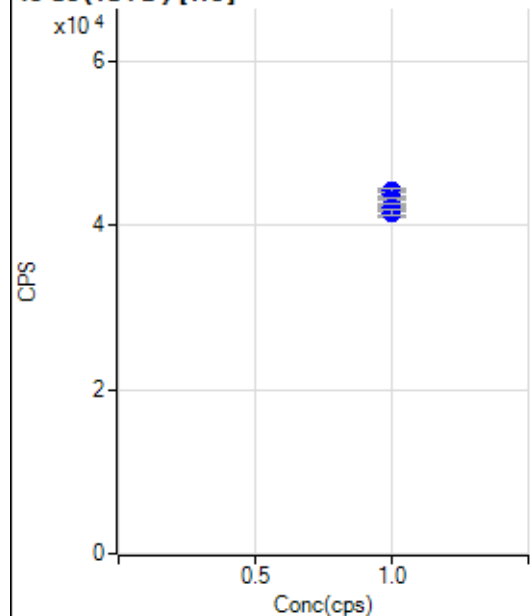
6 Li (ISTD) [No Gas]



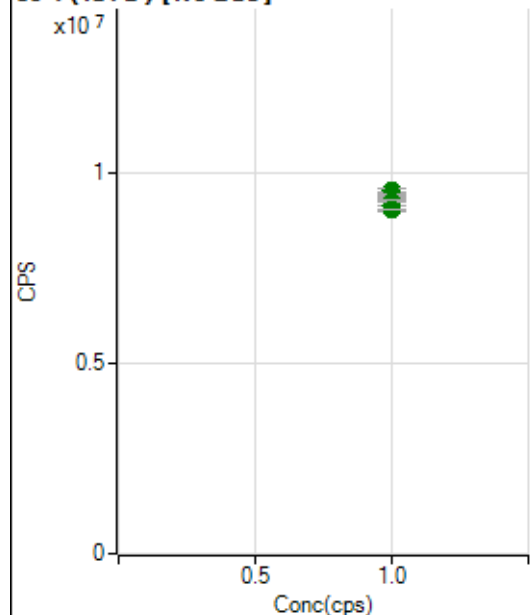
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1759448.85		A	0.2
2	☐	1.000					
3	☐	1.000		1779687.62		A	1.4
4	☐	1.000		1788176.85		A	4.7
5	☐	1.000		1816325.67		A	1.8
6	☐	1.000		1818872.59		A	0.4
7	☐	1.000		1805013.74		A	3.8
8	☐	1.000		1819231.83		A	0.2
9	☐	1.000		1812986.67		A	0.8

45 Sc (ISTD) [No Gas]

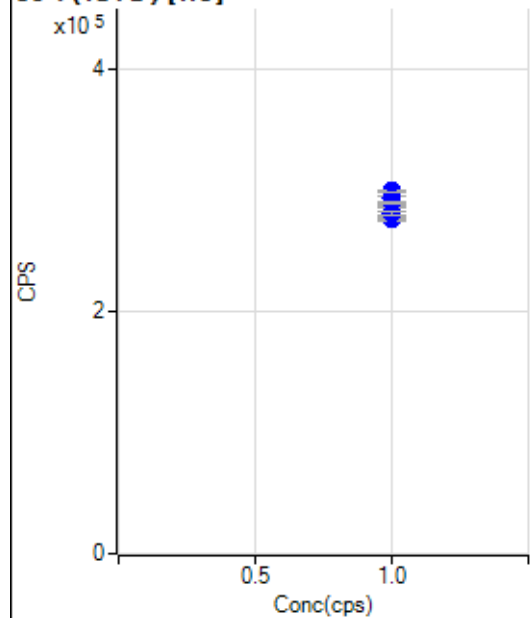
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5608117.18		A	2.5
2	☐	1.000					
3	☐	1.000		5696827.99		A	2.6
4	☐	1.000		5679439.58		A	4.3
5	☐	1.000		5765129.95		A	1.7
6	☐	1.000		5748485.20		A	1.0
7	☐	1.000		5552298.17		A	4.3
8	☐	1.000		5576191.10		A	0.3
9	☐	1.000		5488249.30		A	0.7

45 Sc (ISTD) [He]

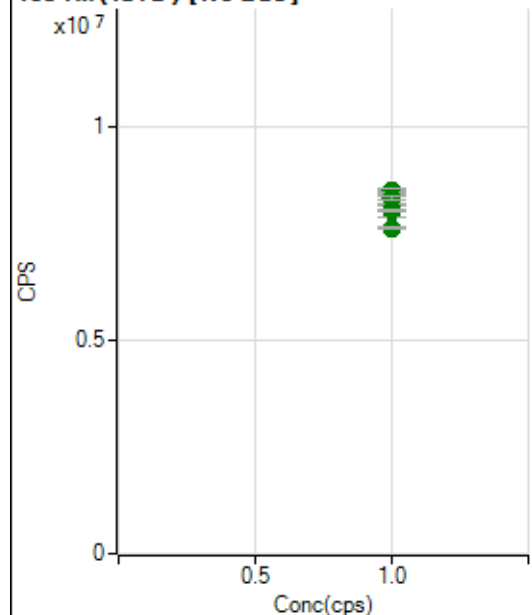
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		42300.35		P	0.9
2	☐	1.000					
3	☐	1.000		43887.43		P	1.2
4	☐	1.000		44176.15		P	1.2
5	☐	1.000		43411.95		P	5.3
6	☐	1.000		43151.68		P	0.6
7	☐	1.000		42144.28		P	2.0
8	☐	1.000		41480.04		P	1.9
9	☐	1.000		41560.38		P	1.4

89 Y (ISTD) [No Gas]

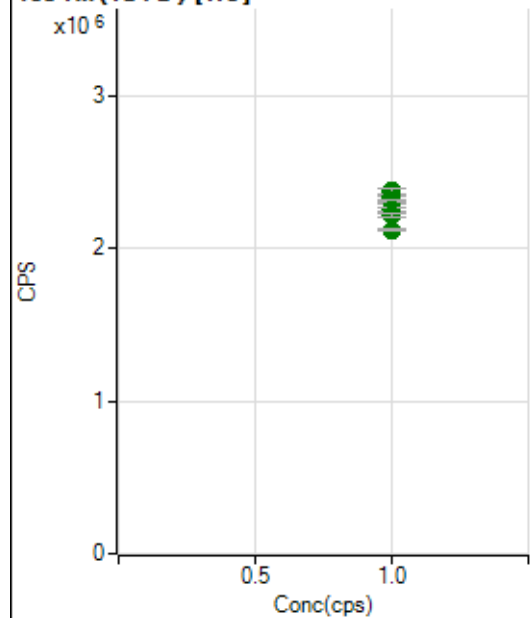
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9308133.47		A	1.4
2	☐	1.000					
3	☐	1.000		9394068.13		A	1.7
4	☐	1.000		9345477.99		A	3.8
5	☐	1.000		9537981.73		A	1.1
6	☐	1.000		9431120.90		A	0.5
7	☐	1.000		9163429.10		A	3.6
8	☐	1.000		9267563.75		A	0.2
9	☐	1.000		9047878.34		A	0.2

89 Y (ISTD) [He]

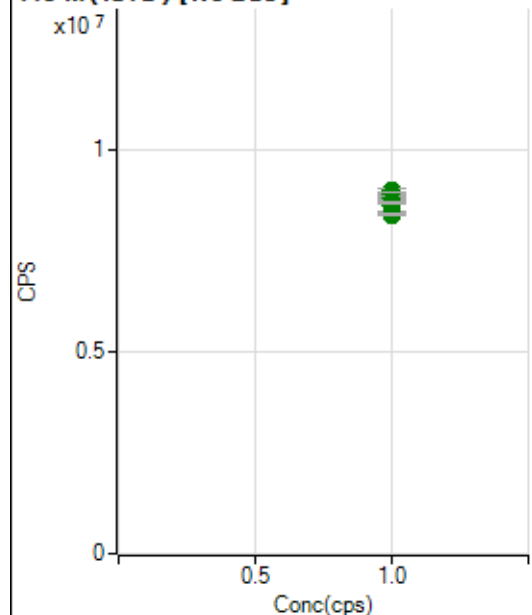
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		286388.98		P	0.8
2	☐	1.000					
3	☐	1.000		299248.31		P	0.6
4	☐	1.000		297478.74		P	1.1
5	☐	1.000		292883.42		P	3.8
6	☐	1.000		289472.36		P	0.7
7	☐	1.000		279523.91		P	1.8
8	☐	1.000		275706.43		P	0.6
9	☐	1.000		280217.30		P	1.3

103 Rh (ISTD) [No Gas]

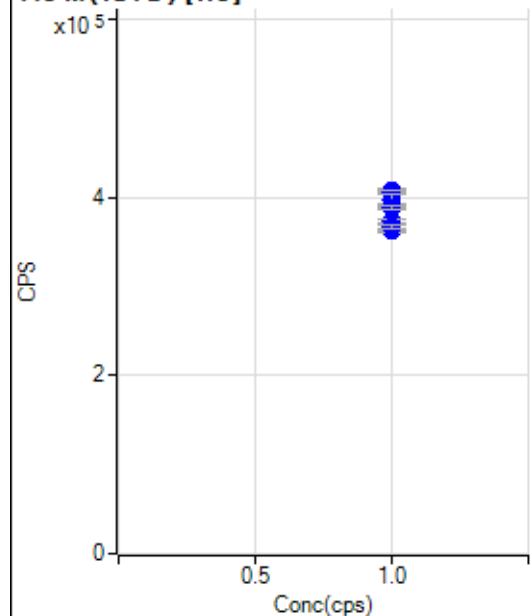
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8408024.32		A	0.5
2	☐	1.000					
3	☐	1.000		8403238.90		A	0.9
4	☐	1.000		8353485.34		A	3.9
5	☐	1.000		8499090.03		A	1.2
6	☐	1.000		8321028.31		A	0.9
7	☐	1.000		8031704.52		A	3.3
8	☐	1.000		8045936.38		A	0.3
9	☐	1.000		7631647.48		A	0.2

103 Rh (ISTD) [He]

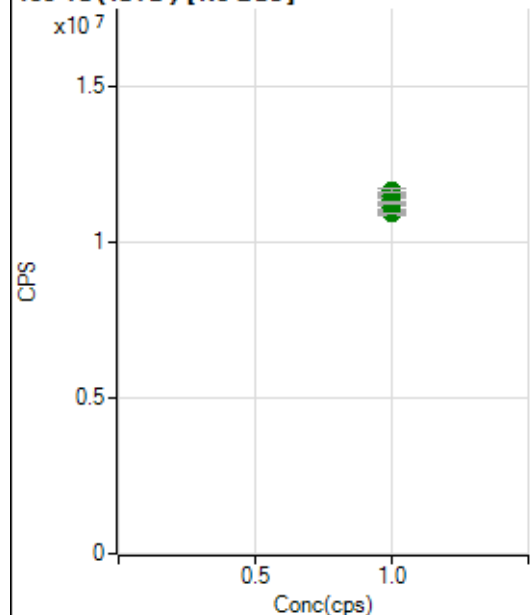
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2330315.31		A	0.6
2	☐	1.000					
3	☐	1.000		2375524.76		A	1.6
4	☐	1.000		2368007.73		A	1.7
5	☐	1.000		2342112.34		A	4.0
6	☐	1.000		2312077.85		A	0.8
7	☐	1.000		2257706.22		A	1.2
8	☐	1.000		2215554.00		A	0.9
9	☐	1.000		2116262.26		A	0.7

115 In (ISTD) [No Gas]

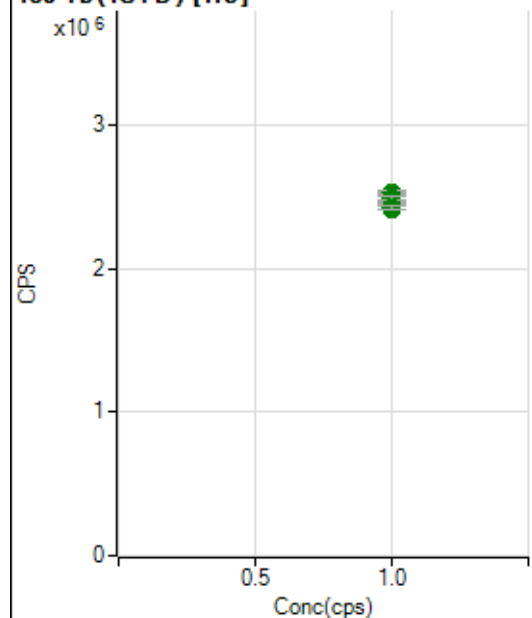
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8751115.32		A	1.0
2	☐	1.000					
3	☐	1.000		8816392.43		A	0.7
4	☐	1.000		8855075.85		A	4.2
5	☐	1.000		8993271.77		A	1.8
6	☐	1.000		8898671.11		A	1.0
7	☐	1.000		8624640.14		A	3.7
8	☐	1.000		8704267.24		A	0.3
9	☐	1.000		8402789.15		A	0.6

115 In (ISTD) [He]

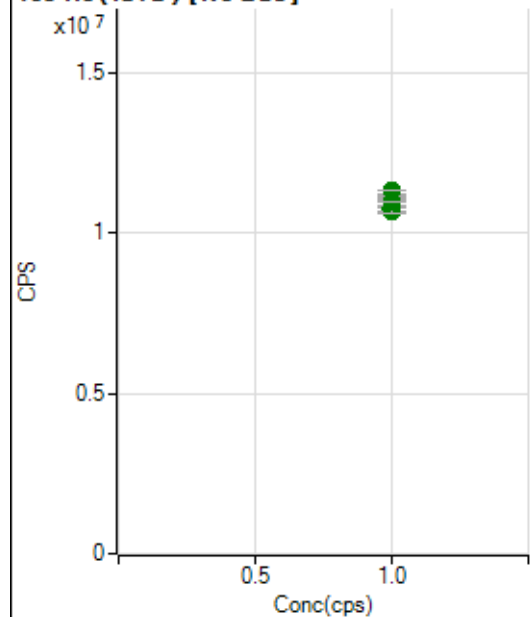
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		392324.74		P	0.9
2	☐	1.000					
3	☐	1.000		407478.03		P	0.9
4	☐	1.000		406337.53		P	1.2
5	☐	1.000		396838.72		P	4.0
6	☐	1.000		388410.47		P	0.8
7	☐	1.000		373435.61		P	1.3
8	☐	1.000		362003.83		P	0.4
9	☐	1.000		367538.40		P	1.2

159 Tb (ISTD) [No Gas]

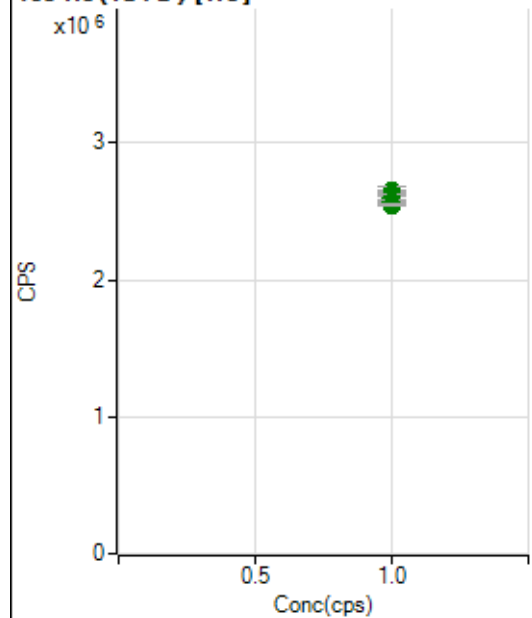
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10940779.42		A	1.5
2	☐	1.000					
3	☐	1.000		11144065.11		A	1.3
4	☐	1.000		11139445.25		A	3.6
5	☐	1.000		11424940.52		A	1.5
6	☐	1.000		11515193.30		A	1.6
7	☐	1.000		11374770.11		A	3.2
8	☐	1.000		11668528.71		A	1.2
9	☐	1.000		11286511.50		A	0.1

159 Tb (ISTD) [He]

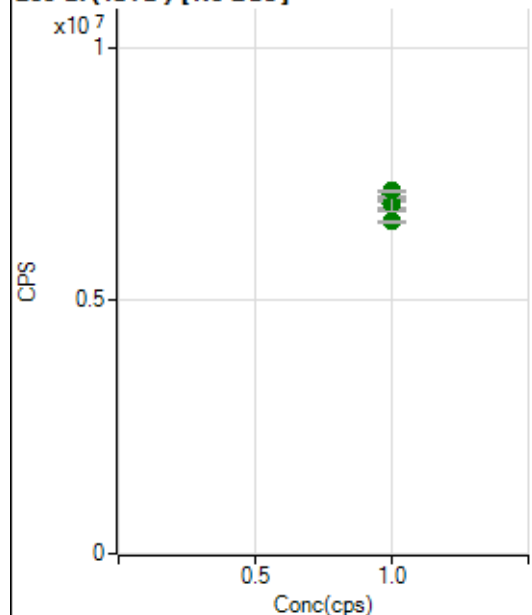
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2477843.54		A	0.5
2	☐	1.000					
3	☐	1.000		2520342.06		A	1.0
4	☐	1.000		2530726.00		A	1.0
5	☐	1.000		2499712.62		A	4.3
6	☐	1.000		2495683.24		A	1.0
7	☐	1.000		2431133.64		A	1.8
8	☐	1.000		2414021.21		A	0.4
9	☐	1.000		2428113.07		A	0.9

165 Ho (ISTD) [No Gas]

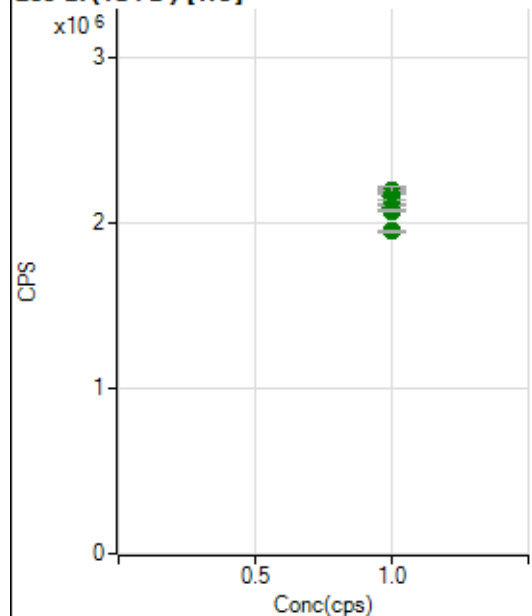
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10671416.47		A	0.2
2	☐	1.000					
3	☐	1.000		10742379.49		A	0.7
4	☐	1.000		10793646.34		A	3.8
5	☐	1.000		11098106.58		A	1.6
6	☐	1.000		11146482.54		A	0.6
7	☐	1.000		10998764.22		A	2.8
8	☐	1.000		11316542.44		A	0.1
9	☐	1.000		10962240.52		A	0.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2595555.97		A	1.3
2	☐	1.000					
3	☐	1.000		2646001.24		A	1.2
4	☐	1.000		2650844.98		A	0.7
5	☐	1.000		2630088.97		A	4.1
6	☐	1.000		2626303.05		A	0.4
7	☐	1.000		2566144.58		A	1.0
8	☐	1.000		2539886.21		A	0.2
9	☐	1.000		2547506.44		A	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6908341.57		A	1.6
2	☐	1.000					
3	☐	1.000		6904353.86		A	2.0
4	☐	1.000		6925257.88		A	3.6
5	☐	1.000		7054193.79		A	2.0
6	☐	1.000		7109725.73		A	1.5
7	☐	1.000		6901701.22		A	3.7
8	☐	1.000		7163174.48		A	0.4
9	☐	1.000		6554683.72		A	0.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2163178.08		A	1.6
2	☐	1.000					
3	☐	1.000		2192912.00		A	1.7
4	☐	1.000		2197689.81		A	0.5
5	☐	1.000		2168855.71		A	4.7
6	☐	1.000		2145359.60		A	0.1
7	☐	1.000		2096525.92		A	1.7
8	☐	1.000		2076550.07		A	0.3
9	☐	1.000		1952286.80		A	0.5

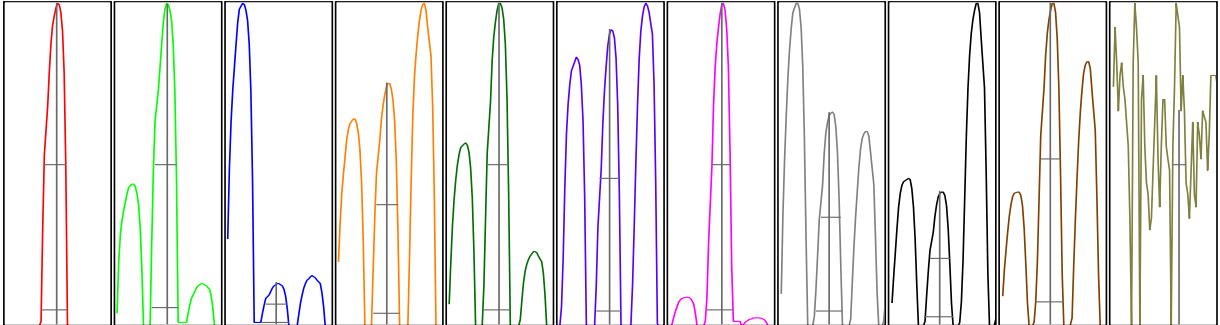
US EPA Tune Check Sample Report

Batch Folder D:\P8080218- MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6033	1.09	5.00	
24	107540	0.84	5.00	
25	14078	0.70	5.00	
26	16334	0.55	5.00	
59	62569	1.04	5.00	
113	7866	1.23	5.00	
115	98501	1.02	5.00	
206	22426	0.75	5.00	
207	20400	0.70	5.00	
208	48591	0.88	5.00	
220	1	25.73		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	5976	5967	6082	6019	6118
24	106488	106951	107889	107536	108838
25	13947	14080	14088	14052	14221
26	16262	16377	16296	16263	16471
59	61506	62859	62504	63231	62748
113	7718	7858	7846	7957	7950
115	97082	98374	98125	99468	99456
206	22162	22419	22432	22497	22621
207	20214	20328	20481	20389	20587
208	48015	48469	49149	48482	48841
220	1	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	10542	9.00	8.9 - 9.1		0.739	0.900	
24	179545	24.00	23.9 - 24.1		0.785	0.900	
25	23671	24.95	24.9 - 25.1		0.788	0.900	
26	27834	25.95	25.9 - 26.1		0.783	0.900	
59	110006	59.00	58.9 - 59.1		0.774	0.900	
113	14976	113.00	112.9 - 113.1		0.726	0.900	
115	185795	115.05	114.9 - 115.1		0.765	0.900	
206	40524	205.95	205.9 - 206.1		0.777	0.900	
207	36960	206.95	206.9 - 207.1		0.772	0.900	
208	89013	207.95	207.9 - 208.1		0.777	0.900	
220	1	220.45	-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.9	V	Deflect	13.4	V
Extract 2	-220.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-90	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	190	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	7701	4.15	
89	7686	4.00	
205	11766	3.43	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	7139	7754	7830	7876	7907
89	7151	7707	7814	7871	7887
205	11047	11918	11969	11913	11983

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.9	V	Deflect	2.0	V
Extract 2	-220.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-90	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number : LB97079 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-02 14:05:57 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.93	0.13	-1.06	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.04	0.00	-0.04	0.00	N/A	ppb
Barium	135-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.02	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.36	-0.38	0.02	0.00	N/A	ppb
Boron	11-1	0.00	0.05	-0.06	0.00	N/A	ppb
Cadmium	111-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Cadmium	106-1	-0.08	-0.33	0.41	0.00	N/A	ppb
Cadmium	108-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Calcium	43-1	4.88	-8.90	4.02	0.00	N/A	ppb
Calcium	44-1	-1.25	1.16	0.09	0.00	N/A	ppb
Chromium	52-2	0.02	-0.06	0.04	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	N/A	ppb
Copper	63-2	-0.02	-0.01	0.03	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.13	0.05	-0.18	0.00	N/A	ppb
Iron	57-2	0.84	-0.87	0.04	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.20	0.90	-0.69	0.00	N/A	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:05:57	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.01	-0.06	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.02	0.03	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.01	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-33.00	26.63	47.78	13.81	303.42	ppb
Potassium	39-2	16.32	1.40	-17.71	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-1.82	3.64	-1.82	0.00	N/A	ppb
Selenium	78-2	-1.15	0.56	0.58	0.00	N/A	ppb
Selenium	82-1	0.02	0.03	-0.05	0.00	N/A	ppb
Silicon	28-1	0.79	1.80	-2.59	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	5.80	-3.17	-2.63	0.00	N/A	ppb
Strontium	86-1	-0.02	0.01	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	57.14	452.03	-500.03	3.04	15716.72	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.03	-0.01	-0.02	0.00	N/A	ppb
Titanium	47-1	0.04	-0.08	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	-0.01	0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.05	0.02	-0.07	0.00	N/A	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:05:57	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	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 :	LB97079	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:13:30	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.91	15.96	21.31	18.06	15.78	ppb
Antimony	121-1	1.89	1.86	1.91	1.89	1.47	ppb
Arsenic	75-2	1.13	0.99	0.89	1.00	12.06	ppb
Barium	135-1	9.53	9.38	9.63	9.51	1.31	ppb
Barium	137-1	9.88	9.57	9.95	9.80	2.09	ppb
Beryllium	9-1	0.92	0.97	0.86	0.92	5.93	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	21.79	23.26	24.19	23.08	5.24	ppb
Boron	11-1	22.86	24.59	23.34	23.60	3.79	ppb
Cadmium	111-1	0.90	0.76	0.98	0.88	12.46	ppb
Cadmium	106-1	-0.22	-0.41	0.37	-0.09		ppb
Cadmium	108-1	1.02	0.85	0.87	0.91	10.55	ppb
Calcium	43-1	436.30	433.32	468.09	445.90	4.32	ppb
Calcium	44-1	462.82	439.72	459.96	454.16	2.77	ppb
Chromium	52-2	1.92	2.22	2.10	2.08	7.44	ppb
Cobalt	59-2	0.96	1.00	1.00	0.98	2.39	ppb
Copper	63-2	1.93	2.02	1.91	1.95	3.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	56-2	49.79	49.72	49.89	49.80	0.17	ppb
Iron	57-2	53.20	47.26	49.60	50.02	5.98	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.90	0.99	0.95	4.55	ppb
Lead	207-1	1.02	0.82	0.95	0.93	11.03	ppb
Lead	208-1	0.97	0.87	0.96	0.93	5.77	ppb
Lithium	6-1				101		%
Magnesium	24-2	478.11	471.03	491.44	480.19	2.16	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:13:30	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.98	0.97	1.05	1.00	4.03	ppb
Molybdenum	94-1	4.87	4.54	4.55	4.65	4.07	ppb
Molybdenum	95-1	4.62	4.58	4.60	4.60	0.38	ppb
Molybdenum	96-1	4.84	4.60	4.82	4.75	2.84	ppb
Molybdenum	97-1	4.73	4.73	4.49	4.65	3.02	ppb
Molybdenum	98-1	4.68	4.53	4.79	4.67	2.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	0.98	1.19	1.07	10.62	ppb
Phosphorus	31-2	-13.96	5.54	-33.00	-13.81		ppb
Potassium	39-2	467.34	499.68	482.03	483.01	3.35	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	77-2	-1.82	8.61	3.45	3.41	152.78	ppb
Selenium	78-2	8.71	6.19	6.28	7.06	20.22	ppb
Selenium	82-1	4.29	4.88	3.67	4.28	14.04	ppb
Silicon	28-1	19.60	15.10	18.82	17.84	13.48	ppb
Silver	109-1	0.98	0.97	1.05	1.00	4.13	ppb
Silver	107-1	1.03	0.95	1.02	1.00	4.47	ppb
Sodium	23-2	454.93	473.42	481.60	469.98	2.91	ppb
Strontium	86-1	1.01	0.92	0.96	0.96	4.45	ppb
Strontium	88-1	0.98	0.92	0.94	0.95	3.18	ppb
Sulfur	34-1	311.24	-586.74	266.38	-3.04		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.90	0.90	0.94	0.92	2.62	ppb
Thallium	205-1	1.01	0.90	0.97	0.96	6.00	ppb
Tin	118-1	4.68	4.67	4.66	4.67	0.29	ppb
Titanium	47-1	5.05	4.65	4.73	4.81	4.32	ppb
Uranium	238-1	0.94	0.87	0.93	0.91	4.18	ppb
Vanadium	51-2	5.02	4.92	4.97	4.97	0.97	ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	1.51	1.59	1.71	1.60	6.08	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:13:30	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.89	0.88	0.91	0.89	1.51	ppb
Zirconium	91-1	0.88	0.82	0.89	0.86	4.54	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:17:12	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	972.80	995.34	993.42	987.18	1.27	ppb
Antimony	121-1	49.31	53.20	51.07	51.19	3.80	ppb
Arsenic	75-2	50.96	49.10	49.60	49.89	1.92	ppb
Barium	135-1	244.37	268.35	253.86	255.53	4.73	ppb
Barium	137-1	252.88	270.11	255.83	259.61	3.55	ppb
Beryllium	9-1	50.32	53.65	50.30	51.43	3.75	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	51.61	54.45	51.64	52.57	3.10	ppb
Boron	11-1	47.90	52.30	50.41	50.21	4.40	ppb
Cadmium	111-1	51.18	54.51	51.80	52.50	3.37	ppb
Cadmium	106-1	52.45	53.22	49.63	51.77	3.65	ppb
Cadmium	108-1	50.19	54.38	53.85	52.81	4.32	ppb
Calcium	43-1	4742.36	5137.31	4816.16	4898.61	4.29	ppb
Calcium	44-1	4894.40	5337.77	4948.84	5060.34	4.78	ppb
Chromium	52-2	50.22	49.79	51.38	50.46	1.63	ppb
Cobalt	59-2	49.91	49.77	51.04	50.24	1.39	ppb
Copper	63-2	101.93	101.05	102.74	101.91	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	56-2	2590.61	2570.25	2620.49	2593.78	0.97	ppb
Iron	57-2	2525.28	2541.43	2574.69	2547.14	0.99	ppb
Krypton	83-1						cps
Lead	206-1	49.12	51.49	47.66	49.42	3.92	ppb
Lead	207-1	48.35	51.36	48.17	49.29	3.63	ppb
Lead	208-1	48.70	51.49	47.91	49.36	3.81	ppb
Lithium	6-1				102		%
Magnesium	24-2	5042.46	5045.15	5114.17	5067.26	0.80	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:17:12	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	101.42	99.87	101.63	100.98	0.95	ppb
Molybdenum	94-1	242.36	260.18	242.51	248.35	4.13	ppb
Molybdenum	95-1	243.33	261.83	240.18	248.44	4.71	ppb
Molybdenum	96-1	247.21	262.78	243.50	251.16	4.07	ppb
Molybdenum	97-1	242.22	262.90	239.45	248.19	5.16	ppb
Molybdenum	98-1	242.87	263.15	243.92	249.98	4.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.74	50.52	51.57	50.94	1.09	ppb
Phosphorus	31-2	865.67	1141.40	858.83	955.30	16.87	ppb
Potassium	39-2	2499.98	2408.26	2487.26	2465.17	2.02	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	77-2	19.38	24.22	30.10	24.57	21.84	ppb
Selenium	78-2	41.15	57.52	37.14	45.27	23.85	ppb
Selenium	82-1	49.27	52.65	51.78	51.23	3.43	ppb
Silicon	28-1	63.79	78.64	63.43	68.62	12.65	ppb
Silver	109-1	51.38	55.68	52.95	53.34	4.08	ppb
Silver	107-1	51.41	56.04	53.05	53.50	4.39	ppb
Sodium	23-2	4954.67	4936.08	5068.91	4986.55	1.44	ppb
Strontium	86-1	49.70	52.84	48.52	50.36	4.44	ppb
Strontium	88-1	49.28	53.32	49.58	50.73	4.44	ppb
Sulfur	34-1	1036.79	2634.03	1064.10	1578.31	57.93	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	48.29	51.46	48.35	49.37	3.67	ppb
Thallium	205-1	48.49	50.90	48.44	49.28	2.85	ppb
Tin	118-1	49.80	53.76	50.49	51.35	4.12	ppb
Titanium	47-1	242.05	262.85	245.12	250.01	4.49	ppb
Uranium	238-1	47.44	50.51	46.95	48.30	4.00	ppb
Vanadium	51-2	50.29	48.51	50.06	49.62	1.94	ppb
Yttrium	89-1				100		%
Yttrium	89-2				104		%
Zinc	66-2	103.86	103.51	102.40	103.26	0.74	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:17:12	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	48.38	51.60	48.30	49.42	3.82	ppb
Zirconium	91-1	48.30	50.74	47.44	48.83	3.50	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:20:54	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2417.31	2387.74	2694.79	2499.95	6.78	ppb
Antimony	121-1	125.56	124.68	127.17	125.80	1.01	ppb
Arsenic	75-2	118.82	122.35	132.05	124.41	5.51	ppb
Barium	135-1	622.04	613.51	632.20	622.58	1.50	ppb
Barium	137-1	630.78	614.96	647.87	631.20	2.61	ppb
Beryllium	9-1	123.05	125.33	128.45	125.61	2.16	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	121.35	122.31	127.96	123.87	2.88	ppb
Boron	11-1	120.78	121.12	124.23	122.04	1.56	ppb
Cadmium	111-1	126.75	124.60	129.47	126.94	1.92	ppb
Cadmium	106-1	131.09	125.02	130.52	128.88	2.60	ppb
Cadmium	108-1	128.70	129.14	132.74	130.19	1.70	ppb
Calcium	43-1	11992.37	11971.25	12416.33	12126.65	2.07	ppb
Calcium	44-1	11984.89	12053.22	12497.39	12178.50	2.28	ppb
Chromium	52-2	125.14	123.52	135.68	128.11	5.15	ppb
Cobalt	59-2	123.43	120.86	134.43	126.24	5.71	ppb
Copper	63-2	251.07	246.21	273.13	256.80	5.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	6410.35	6301.45	7064.98	6592.26	6.26	ppb
Iron	57-2	6381.87	6097.41	6762.69	6413.99	5.20	ppb
Krypton	83-1						cps
Lead	206-1	119.07	120.05	123.79	120.97	2.06	ppb
Lead	207-1	118.73	120.21	123.53	120.82	2.04	ppb
Lead	208-1	119.77	120.12	123.76	121.22	1.82	ppb
Lithium	6-1				103		%
Magnesium	24-2	12558.90	12266.24	13595.79	12806.98	5.46	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:20:54	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	245.14	240.84	268.99	251.66	6.03	ppb
Molybdenum	94-1	614.55	607.54	620.63	614.24	1.07	ppb
Molybdenum	95-1	612.95	616.27	623.34	617.52	0.86	ppb
Molybdenum	96-1	615.89	604.69	623.20	614.59	1.52	ppb
Molybdenum	97-1	603.49	596.66	612.06	604.07	1.28	ppb
Molybdenum	98-1	603.08	602.33	615.16	606.86	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.96	123.34	137.88	128.73	6.19	ppb
Phosphorus	31-2	2295.89	2666.37	2641.77	2534.68	8.17	ppb
Potassium	39-2	6256.85	6047.24	6705.65	6336.58	5.31	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	112.84	82.66	154.97	116.82	31.09	ppb
Selenium	78-2	128.49	109.55	105.73	114.59	10.64	ppb
Selenium	82-1	123.09	121.75	123.82	122.89	0.85	ppb
Silicon	28-1	156.60	161.13	168.12	161.95	3.58	ppb
Silver	109-1	127.87	127.59	132.91	129.46	2.31	ppb
Silver	107-1	129.48	127.88	131.63	129.66	1.45	ppb
Sodium	23-2	12292.71	12145.93	13387.42	12608.69	5.38	ppb
Strontium	86-1	122.06	120.58	124.42	122.35	1.59	ppb
Strontium	88-1	122.82	123.26	126.35	124.14	1.55	ppb
Sulfur	34-1	2722.24	2850.55	3380.28	2984.36	11.69	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	119.00	121.12	123.86	121.33	2.01	ppb
Thallium	205-1	122.97	123.23	125.84	124.02	1.28	ppb
Tin	118-1	125.31	125.15	128.07	126.18	1.30	ppb
Titanium	47-1	602.57	608.48	626.23	612.43	2.01	ppb
Uranium	238-1	119.56	120.11	122.83	120.83	1.45	ppb
Vanadium	51-2	124.89	120.82	132.93	126.22	4.88	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	246.58	248.04	271.12	255.25	5.39	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:20:54	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	121.94	121.44	127.04	123.47	2.51	ppb
Zirconium	91-1	118.23	117.63	122.25	119.37	2.11	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:24:30	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4924.13	4807.09	4852.20	4861.14	1.21	ppb
Antimony	121-1	244.77	251.55	252.27	249.53	1.66	ppb
Arsenic	75-2	243.31	247.31	245.67	245.43	0.82	ppb
Barium	135-1	1225.33	1264.30	1272.41	1254.01	2.01	ppb
Barium	137-1	1223.27	1265.63	1260.03	1249.64	1.84	ppb
Beryllium	9-1	250.72	251.61	250.12	250.82	0.30	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	235.90	241.19	245.62	240.91	2.02	ppb
Boron	11-1	242.13	239.53	246.49	242.72	1.45	ppb
Cadmium	111-1	244.75	252.79	251.53	249.69	1.73	ppb
Cadmium	106-1	242.43	255.63	252.19	250.08	2.74	ppb
Cadmium	108-1	248.57	255.38	249.39	251.11	1.48	ppb
Calcium	43-1	24022.19	24042.87	24172.59	24079.21	0.34	ppb
Calcium	44-1	23828.03	24152.15	23923.10	23967.76	0.70	ppb
Chromium	52-2	246.57	246.14	248.28	246.99	0.46	ppb
Cobalt	59-2	246.02	247.07	246.60	246.56	0.21	ppb
Copper	63-2	495.40	499.06	501.12	498.53	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	12615.83	12748.16	12712.29	12692.09	0.54	ppb
Iron	57-2	12593.00	12513.23	12460.22	12522.15	0.53	ppb
Krypton	83-1						cps
Lead	206-1	235.68	242.14	242.26	240.03	1.57	ppb
Lead	207-1	234.98	242.30	242.07	239.79	1.74	ppb
Lead	208-1	239.36	244.89	246.19	243.48	1.49	ppb
Lithium	6-1				103		%
Magnesium	24-2	25043.33	25147.89	25140.67	25110.63	0.23	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:24:30	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	498.69	494.94	499.26	497.63	0.47	ppb
Molybdenum	94-1	1216.19	1218.46	1233.26	1222.63	0.76	ppb
Molybdenum	95-1	1215.41	1204.63	1235.19	1218.41	1.27	ppb
Molybdenum	96-1	1228.37	1205.30	1226.96	1220.21	1.06	ppb
Molybdenum	97-1	1232.56	1227.67	1247.45	1235.89	0.83	ppb
Molybdenum	98-1	1205.90	1212.74	1209.43	1209.36	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	248.13	252.52	250.48	250.38	0.88	ppb
Phosphorus	31-2	5326.39	4315.21	4822.58	4821.39	10.49	ppb
Potassium	39-2	12418.18	12276.50	12372.61	12355.77	0.59	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	207.88	232.56	232.02	224.15	6.29	ppb
Selenium	78-2	243.65	219.71	262.60	241.99	8.88	ppb
Selenium	82-1	248.04	245.18	250.06	247.76	0.99	ppb
Silicon	28-1	251.30	266.10	257.90	258.43	2.87	ppb
Silver	109-1	253.57	257.51	259.43	256.84	1.16	ppb
Silver	107-1	252.93	258.58	257.44	256.31	1.17	ppb
Sodium	23-2	25355.98	25282.06	25219.74	25285.92	0.27	ppb
Strontium	86-1	239.92	241.77	244.80	242.16	1.02	ppb
Strontium	88-1	244.19	241.13	243.43	242.92	0.65	ppb
Sulfur	34-1	5933.44	6176.14	5947.17	6018.92	2.27	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	236.82	243.39	243.40	241.20	1.57	ppb
Thallium	205-1	241.40	248.03	247.36	245.60	1.49	ppb
Tin	118-1	244.41	249.19	254.65	249.42	2.05	ppb
Titanium	47-1	1227.53	1253.40	1215.50	1232.14	1.57	ppb
Uranium	238-1	235.89	240.84	243.13	239.95	1.54	ppb
Vanadium	51-2	246.36	246.80	246.57	246.58	0.09	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	494.55	497.77	506.80	499.70	1.27	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:24:30	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	246.04	245.43	250.04	247.17	1.01	ppb
Zirconium	91-1	235.89	237.30	243.57	238.92	1.71	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:28:01	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9438.11	9701.24	9834.67	9658.00	2.09	ppb
Antimony	121-1	489.79	501.56	527.65	506.33	3.83	ppb
Arsenic	75-2	484.70	494.66	504.14	494.50	1.97	ppb
Barium	135-1	2449.64	2490.32	2606.30	2515.42	3.23	ppb
Barium	137-1	2441.02	2499.66	2600.50	2513.73	3.21	ppb
Beryllium	9-1	484.95	494.28	522.93	500.72	3.95	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	465.91	489.42	533.21	496.18	6.88	ppb
Boron	11-1	467.21	493.16	528.76	496.38	6.22	ppb
Cadmium	111-1	492.04	498.46	524.69	505.06	3.42	ppb
Cadmium	106-1	487.99	501.43	528.35	505.92	4.06	ppb
Cadmium	108-1	494.81	501.71	533.23	509.92	4.02	ppb
Calcium	43-1	47912.80	49041.72	52215.61	49723.37	4.49	ppb
Calcium	44-1	47771.23	48956.61	51953.02	49560.29	4.35	ppb
Chromium	52-2	485.92	494.33	504.70	494.98	1.90	ppb
Cobalt	59-2	480.82	491.30	499.12	490.41	1.87	ppb
Copper	63-2	974.10	990.90	1015.31	993.44	2.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	24779.13	25087.66	25757.00	25207.93	1.98	ppb
Iron	57-2	24668.49	25099.77	25509.44	25092.56	1.68	ppb
Krypton	83-1						cps
Lead	206-1	491.96	507.13	526.36	508.48	3.39	ppb
Lead	207-1	490.40	503.63	529.81	507.95	3.95	ppb
Lead	208-1	490.85	505.56	529.49	508.63	3.83	ppb
Lithium	6-1				103		%
Magnesium	24-2	50265.46	51149.27	52130.37	51181.70	1.82	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:28:01	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	977.66	982.20	1005.12	988.33	1.49	ppb
Molybdenum	94-1	2429.33	2475.28	2591.55	2498.72	3.35	ppb
Molybdenum	95-1	2403.66	2484.02	2599.67	2495.78	3.95	ppb
Molybdenum	96-1	2442.73	2476.73	2607.29	2508.92	3.46	ppb
Molybdenum	97-1	2442.65	2504.30	2614.79	2520.58	3.46	ppb
Molybdenum	98-1	2426.15	2470.96	2615.83	2504.31	3.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.19	499.64	506.54	498.45	1.75	ppb
Phosphorus	31-2	9265.98	10083.85	10936.74	10095.52	8.28	ppb
Potassium	39-2	23933.34	24350.47	24725.95	24336.59	1.63	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	472.11	465.09	512.20	483.13	5.26	ppb
Selenium	78-2	473.06	482.91	492.98	482.98	2.06	ppb
Selenium	82-1	480.92	507.60	530.87	506.46	4.94	ppb
Silicon	28-1	508.12	516.17	553.03	525.77	4.55	ppb
Silver	109-1	502.10	506.35	528.10	512.18	2.72	ppb
Silver	107-1	498.10	506.17	534.64	512.97	3.74	ppb
Sodium	23-2	48532.36	49777.48	50940.65	49750.16	2.42	ppb
Strontium	86-1	482.65	495.20	519.72	499.19	3.78	ppb
Strontium	88-1	482.65	492.61	518.66	497.97	3.73	ppb
Sulfur	34-1	11671.18	12295.31	14031.39	12665.96	9.66	ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	491.80	510.59	534.40	512.26	4.17	ppb
Thallium	205-1	484.10	499.15	528.45	503.90	4.48	ppb
Tin	118-1	494.48	508.78	526.42	509.89	3.14	ppb
Titanium	47-1	2445.91	2506.93	2673.11	2541.98	4.63	ppb
Uranium	238-1	483.37	494.41	520.65	499.48	3.83	ppb
Vanadium	51-2	488.81	495.21	502.62	495.55	1.39	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	982.38	1005.06	1036.47	1007.97	2.69	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:28:01	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	484.87	496.40	521.90	501.06	3.78	ppb
Zirconium	91-1	478.62	493.46	515.59	495.89	3.75	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:31:27	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20144.73	19387.20	19660.31	19730.74	1.94	ppb
Antimony	121-1	1006.28	988.24	995.85	996.79	0.91	ppb
Arsenic	75-2	1008.04	1001.07	1002.81	1003.97	0.36	ppb
Barium	135-1	5019.42	4923.68	5030.84	4991.31	1.18	ppb
Barium	137-1	5020.65	4932.25	5023.01	4991.97	1.04	ppb
Beryllium	9-1	987.16	1012.43	998.27	999.29	1.27	ppb
Bismuth	209-1				104		%
Bismuth	209-2				96		%
Boron	10-1	989.64	1000.62	1022.47	1004.24	1.66	ppb
Boron	11-1	995.96	995.71	1020.41	1004.03	1.41	ppb
Cadmium	111-1	999.14	987.36	1005.03	997.18	0.90	ppb
Cadmium	106-1	1005.59	986.78	996.96	996.44	0.94	ppb
Cadmium	108-1	1004.77	988.71	988.45	993.97	0.94	ppb
Calcium	43-1	100541.06	100385.85	101264.64	100730.52	0.47	ppb
Calcium	44-1	98915.76	99358.42	98729.18	99001.12	0.33	ppb
Chromium	52-2	1021.35	978.43	1008.76	1002.85	2.20	ppb
Cobalt	59-2	1030.37	986.23	999.86	1005.49	2.25	ppb
Copper	63-2	2032.34	1945.82	2029.94	2002.70	2.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				92		%
Iron	56-2	52328.57	49812.29	51825.98	51322.28	2.59	ppb
Iron	57-2	51435.07	49455.59	51059.55	50650.07	2.08	ppb
Krypton	83-1						cps
Lead	206-1	990.41	1005.75	1000.20	998.78	0.78	ppb
Lead	207-1	1004.12	1000.76	992.54	999.14	0.60	ppb
Lead	208-1	990.89	1005.88	996.68	997.82	0.76	ppb
Lithium	6-1				103		%
Magnesium	24-2	104014.81	101058.79	102887.03	102653.54	1.45	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:31:27	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2043.37	1961.85	2013.31	2006.17	2.05	ppb
Molybdenum	94-1	5034.10	5015.41	4977.22	5008.91	0.58	ppb
Molybdenum	95-1	4994.12	5033.89	5005.05	5011.02	0.41	ppb
Molybdenum	96-1	5015.93	4998.39	4998.38	5004.23	0.20	ppb
Molybdenum	97-1	5003.20	5003.38	4981.25	4995.94	0.25	ppb
Molybdenum	98-1	5018.34	5020.00	4992.48	5010.27	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1016.22	972.23	1012.06	1000.17	2.43	ppb
Phosphorus	31-2	21495.48	19402.12	19086.77	19994.79	6.55	ppb
Potassium	39-2	49707.31	47505.69	49008.10	48740.37	2.31	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	991.77	1041.00	1018.82	1017.20	2.42	ppb
Selenium	78-2	999.96	1002.89	1033.27	1012.04	1.82	ppb
Selenium	82-1	995.62	999.72	997.25	997.53	0.21	ppb
Silicon	28-1	990.01	976.38	971.74	979.38	0.97	ppb
Silver	109-1	1004.33	976.55	993.54	991.47	1.41	ppb
Silver	107-1	1002.56	980.77	990.21	991.18	1.10	ppb
Sodium	23-2	103166.44	98251.33	100932.93	100783.57	2.44	ppb
Strontium	86-1	1005.09	997.84	1005.10	1002.68	0.42	ppb
Strontium	88-1	1004.19	1006.67	997.70	1002.85	0.46	ppb
Sulfur	34-1	18855.93	18059.87	18052.69	18322.83	2.52	ppb
Terbium	159-1				107		%
Terbium	159-2				97		%
Thallium	203-1	988.08	1004.30	997.29	996.56	0.82	ppb
Thallium	205-1	988.02	1011.54	998.38	999.31	1.18	ppb
Tin	118-1	1003.39	978.20	1003.36	994.98	1.46	ppb
Titanium	47-1	4993.26	4992.48	4969.39	4985.04	0.27	ppb
Uranium	238-1	996.37	1008.20	1005.57	1003.38	0.62	ppb
Vanadium	51-2	1016.62	981.62	1010.60	1002.95	1.87	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	2019.85	1938.71	2027.25	1995.27	2.46	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:31:27	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1007.06	1000.05	994.09	1000.40	0.65	ppb
Zirconium	91-1	1007.11	1010.22	999.44	1005.59	0.55	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:34:49	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100388.64	100737.63	99159.09	100095.12	0.83	ppb
Antimony	121-1	2.78	2.67	2.47	2.64	5.97	ppb
Arsenic	75-2	1.68	1.30	1.75	1.58	15.23	ppb
Barium	135-1	1.05	0.98	0.80	0.94	13.41	ppb
Barium	137-1	1.04	0.96	0.79	0.93	13.46	ppb
Beryllium	9-1	0.53	0.55	0.44	0.51	12.36	ppb
Bismuth	209-1				95		%
Bismuth	209-2				90		%
Boron	10-1	49.86	51.76	43.77	48.46	8.61	ppb
Boron	11-1	50.92	45.98	43.09	46.67	8.48	ppb
Cadmium	111-1	0.12	0.26	0.21	0.20	35.21	ppb
Cadmium	106-1	-3.08	0.40	0.40	-0.76		ppb
Cadmium	108-1	0.35	0.32	0.55	0.41	30.95	ppb
Calcium	43-1	504710.72	495635.17	499468.11	499938.00	0.91	ppb
Calcium	44-1	502212.40	499051.59	499644.53	500302.84	0.34	ppb
Chromium	52-2	36.00	36.67	36.02	36.23	1.06	ppb
Cobalt	59-2	11.95	12.09	11.63	11.89	1.96	ppb
Copper	63-2	4.57	4.75	4.32	4.55	4.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	249914.89	253263.44	245908.63	249695.65	1.47	ppb
Iron	57-2	250577.07	251271.50	247716.58	249855.05	0.75	ppb
Krypton	83-1						cps
Lead	206-1	6.61	6.55	6.63	6.60	0.61	ppb
Lead	207-1	6.17	6.05	6.06	6.10	1.07	ppb
Lead	208-1	6.37	6.30	6.27	6.31	0.84	ppb
Lithium	6-1				103		%
Magnesium	24-2	497421.33	505616.70	494973.76	499337.26	1.12	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:34:49	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	9.46	9.36	9.75	9.52	2.11	ppb
Molybdenum	94-1	6.42	6.14	6.15	6.24	2.57	ppb
Molybdenum	95-1	8.87	8.49	8.37	8.58	2.99	ppb
Molybdenum	96-1	8.71	8.59	8.66	8.65	0.70	ppb
Molybdenum	97-1	8.56	8.45	8.28	8.43	1.67	ppb
Molybdenum	98-1	8.97	8.65	8.28	8.64	4.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.80	31.32	29.63	30.58	2.84	ppb
Phosphorus	31-2	-12.49	28.56	7.08	7.72	266.15	ppb
Potassium	39-2	251314.52	253038.63	246617.94	250323.70	1.33	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	-1.82	-1.82	-1.82	-1.82		ppb
Selenium	78-2	0.63	-0.27	-0.28	0.03	2009.24	ppb
Selenium	82-1	1.08	0.51	0.82	0.80	35.18	ppb
Silicon	28-1	99.90	100.75	104.65	101.77	2.49	ppb
Silver	109-1	0.12	0.12	0.10	0.12	9.66	ppb
Silver	107-1	0.12	0.10	0.09	0.11	12.99	ppb
Sodium	23-2	503902.74	502154.70	493496.82	499851.42	1.11	ppb
Strontium	86-1	4.90	4.87	4.94	4.90	0.77	ppb
Strontium	88-1	4.88	4.92	4.88	4.89	0.44	ppb
Sulfur	34-1	-177.59	-597.15	56.14	-239.54		ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.66	0.64	0.60	0.64	4.38	ppb
Thallium	205-1	0.66	0.63	0.61	0.63	4.05	ppb
Tin	118-1	2.28	2.12	2.08	2.16	4.93	ppb
Titanium	47-1	2.95	2.70	2.35	2.67	11.45	ppb
Uranium	238-1	0.11	0.09	0.08	0.09	17.42	ppb
Vanadium	51-2	0.45	0.34	0.41	0.40	13.48	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	14.02	13.08	14.57	13.89	5.44	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:34:49	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.27	0.25	0.24	0.25	5.86	ppb
Zirconium	91-1	0.25	0.24	0.19	0.23	14.47	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:46:35	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	519.98	480.09	465.86	488.64	5.74	ppb
Antimony	121-1	191.06	191.70	195.56	192.77	1.26	ppb
Arsenic	75-2	190.44	184.04	189.83	188.11	1.88	ppb
Barium	135-1	95.99	93.09	97.61	95.57	2.39	ppb
Barium	137-1	96.94	95.61	99.19	97.25	1.86	ppb
Beryllium	9-1	94.81	93.54	94.35	94.23	0.68	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	500.11	493.87	520.19	504.72	2.73	ppb
Boron	11-1	496.35	505.84	525.47	509.22	2.92	ppb
Cadmium	111-1	99.93	99.38	103.59	100.97	2.27	ppb
Cadmium	106-1	153.29	150.52	158.97	154.26	2.79	ppb
Cadmium	108-1	132.91	128.60	131.29	130.93	1.66	ppb
Calcium	43-1	2074.44	1978.81	2071.16	2041.47	2.66	ppb
Calcium	44-1	1988.93	1907.20	2010.83	1968.99	2.77	ppb
Chromium	52-2	94.97	89.69	93.84	92.83	3.00	ppb
Cobalt	59-2	97.34	92.35	94.57	94.75	2.64	ppb
Copper	63-2	99.75	93.21	97.84	96.93	3.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	998.52	952.23	984.84	978.53	2.43	ppb
Iron	57-2	1003.53	936.70	957.66	965.96	3.54	ppb
Krypton	83-1						cps
Lead	206-1	191.19	187.05	194.23	190.82	1.89	ppb
Lead	207-1	182.64	179.85	186.23	182.91	1.75	ppb
Lead	208-1	190.20	186.29	192.63	189.70	1.69	ppb
Lithium	6-1				105		%
Magnesium	24-2	1208.04	1096.44	1161.94	1155.47	4.85	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:46:35	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	98.36	89.79	91.88	93.34	4.78	ppb
Molybdenum	94-1	1075.70	1038.10	1074.08	1062.63	2.00	ppb
Molybdenum	95-1	514.87	505.12	515.05	511.68	1.11	ppb
Molybdenum	96-1	582.01	577.12	583.31	580.81	0.56	ppb
Molybdenum	97-1	502.31	493.47	504.34	500.04	1.16	ppb
Molybdenum	98-1	511.03	498.62	507.02	505.56	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.00	93.61	98.41	97.01	3.05	ppb
Phosphorus	31-2	-33.00	-33.00	-33.00	-33.00		ppb
Potassium	39-2	1889.20	1829.23	1858.44	1858.95	1.61	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	250.66	122.46	248.47	207.20	35.42	ppb
Selenium	78-2	187.77	191.59	221.63	200.33	9.26	ppb
Selenium	82-1	191.70	194.04	195.40	193.72	0.97	ppb
Silicon	28-1	-5.59	-9.47	-3.52	-6.19		ppb
Silver	109-1	99.02	97.70	100.13	98.95	1.23	ppb
Silver	107-1	99.05	96.89	100.26	98.73	1.73	ppb
Sodium	23-2	2019.52	1902.10	1936.74	1952.79	3.09	ppb
Strontium	86-1	459.05	450.80	458.10	455.98	0.99	ppb
Strontium	88-1	461.36	452.20	459.13	457.56	1.04	ppb
Sulfur	34-1	-422.08	-1090.18	-331.80	-614.69		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	193.93	190.82	197.74	194.16	1.78	ppb
Thallium	205-1	198.60	196.30	199.20	198.03	0.77	ppb
Tin	118-1	476.47	475.48	479.48	477.14	0.44	ppb
Titanium	47-1	460.58	442.82	466.11	456.50	2.67	ppb
Uranium	238-1	452.30	439.37	450.06	447.24	1.55	ppb
Vanadium	51-2	95.09	91.25	94.84	93.73	2.30	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	196.04	186.38	194.41	192.28	2.69	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:46:35	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	463.16	455.06	460.20	459.47	0.89	ppb
Zirconium	91-1	457.44	442.45	456.53	452.14	1.86	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:57:31	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.72	25.79	22.55	22.02	18.44	ppb
Antimony	121-1	2.33	2.25	2.15	2.24	3.87	ppb
Arsenic	75-2	0.71	0.97	1.12	0.93	22.02	ppb
Barium	135-1	11.08	10.12	9.83	10.35	6.33	ppb
Barium	137-1	11.05	10.62	10.19	10.62	4.08	ppb
Beryllium	9-1	1.25	1.11	1.04	1.14	9.38	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	37.71	32.51	30.85	33.69	10.63	ppb
Boron	11-1	35.16	32.36	33.85	33.79	4.14	ppb
Cadmium	111-1	0.98	0.93	0.78	0.90	11.45	ppb
Cadmium	106-1	-0.28	-0.37	-1.87	-0.84		ppb
Cadmium	108-1	1.38	0.93	1.06	1.12	20.73	ppb
Calcium	43-1	512.71	465.73	471.59	483.34	5.30	ppb
Calcium	44-1	540.18	475.11	467.11	494.13	8.11	ppb
Chromium	52-2	1.95	1.96	1.95	1.95	0.43	ppb
Cobalt	59-2	0.95	1.00	0.98	0.98	2.58	ppb
Copper	63-2	2.19	2.00	2.12	2.10	4.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	53.59	51.60	51.31	52.17	2.38	ppb
Iron	57-2	53.96	49.49	53.94	52.46	4.90	ppb
Krypton	83-1						cps
Lead	206-1	1.10	1.03	0.99	1.04	5.79	ppb
Lead	207-1	1.19	0.99	0.99	1.06	11.14	ppb
Lead	208-1	1.13	1.04	1.00	1.05	6.38	ppb
Lithium	6-1				100		%
Magnesium	24-2	484.25	487.24	486.58	486.03	0.32	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:57:31	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.90	0.87	0.97	0.92	5.74	ppb
Molybdenum	94-1	6.73	5.81	5.58	6.04	10.11	ppb
Molybdenum	95-1	5.67	4.93	5.00	5.20	7.88	ppb
Molybdenum	96-1	6.02	5.16	4.91	5.36	10.86	ppb
Molybdenum	97-1	5.94	5.01	5.01	5.32	10.11	ppb
Molybdenum	98-1	5.51	4.87	5.07	5.15	6.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	0.96	1.17	1.09	10.59	ppb
Phosphorus	31-2	-33.00	-13.37	-13.43	-19.93		ppb
Potassium	39-2	502.80	449.72	474.88	475.80	5.58	ppb
Rhodium	103-1				96		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				102		%
Selenium	77-2	3.66	-1.82	9.07	3.64	149.69	ppb
Selenium	78-2	4.86	7.46	2.26	4.86	53.47	ppb
Selenium	82-1	6.10	4.66	4.01	4.92	21.75	ppb
Silicon	28-1	24.32	9.28	8.25	13.95	64.47	ppb
Silver	109-1	1.22	1.04	1.07	1.11	8.74	ppb
Silver	107-1	1.15	1.08	1.09	1.11	3.40	ppb
Sodium	23-2	548.21	543.13	552.76	548.03	0.88	ppb
Strontium	86-1	1.13	1.01	0.98	1.04	7.75	ppb
Strontium	88-1	1.19	1.05	0.97	1.07	10.38	ppb
Sulfur	34-1	1708.25	-521.65	-460.78	241.94	525.02	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	1.20	1.02	1.01	1.08	10.24	ppb
Thallium	205-1	1.14	1.09	1.09	1.11	2.76	ppb
Tin	118-1	6.00	5.75	5.27	5.67	6.55	ppb
Titanium	47-1	5.52	5.20	4.95	5.22	5.51	ppb
Uranium	238-1	1.04	0.98	0.94	0.99	5.27	ppb
Vanadium	51-2	5.15	4.79	4.66	4.87	5.26	ppb
Yttrium	89-1				96		%
Yttrium	89-2				100		%
Zinc	66-2	2.86	2.45	1.92	2.41	19.55	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:57:31	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.83	1.55	1.51	1.63	10.49	ppb
Zirconium	91-1	1.84	1.50	1.38	1.57	15.01	ppb

LB Number : LB97079 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-02 15:09:16 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.75	2.46	0.88	1.69	46.57	ppb
Antimony	121-1	0.06	0.07	0.07	0.07	12.15	ppb
Arsenic	75-2	0.00	-0.02	-0.04	-0.02		ppb
Barium	135-1	0.01	0.00	-0.02	-0.01		ppb
Barium	137-1	0.02	0.00	0.01	0.01	96.55	ppb
Beryllium	9-1	0.10	0.06	0.06	0.07	33.13	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	6.55	5.85	5.91	6.10	6.42	ppb
Boron	11-1	5.73	6.23	5.73	5.90	4.96	ppb
Cadmium	111-1	-0.11	-0.06	-0.10	-0.09		ppb
Cadmium	106-1	-1.66	-0.79	-1.50	-1.32		ppb
Cadmium	108-1	-0.01	0.05	-0.05	0.00		ppb
Calcium	43-1	-15.67	-11.84	-9.59	-12.37		ppb
Calcium	44-1	-0.14	-3.31	-4.58	-2.68		ppb
Chromium	52-2	-0.05	0.02	-0.04	-0.02		ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	85.86	ppb
Copper	63-2	0.07	0.02	0.01	0.03	101.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	0.23	0.01	0.16	0.13	82.34	ppb
Iron	57-2	0.42	-1.34	-0.09	-0.34		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.02	0.02	1.43	ppb
Lead	207-1	0.02	0.01	0.02	0.02	49.45	ppb
Lead	208-1	0.02	0.01	0.02	0.02	17.05	ppb
Lithium	6-1				103		%
Magnesium	24-2	6.22	5.43	4.34	5.33	17.68	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:09:16	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.16	-0.17	-0.11		ppb
Molybdenum	94-1	0.11	0.14	0.10	0.12	16.79	ppb
Molybdenum	95-1	0.07	0.05	0.05	0.06	15.67	ppb
Molybdenum	96-1	0.08	0.06	0.07	0.07	19.42	ppb
Molybdenum	97-1	0.06	0.08	0.06	0.07	12.73	ppb
Molybdenum	98-1	0.06	0.05	0.06	0.06	15.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	0.00	-0.02		ppb
Phosphorus	31-2	-13.04	-13.45	-13.46	-13.32		ppb
Potassium	39-2	-11.31	3.38	28.75	6.94	291.89	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	-1.82	9.11	-1.82	1.82	346.07	ppb
Selenium	78-2	0.57	0.56	-0.30	0.28	179.25	ppb
Selenium	82-1	-0.48	-0.35	-0.51	-0.44		ppb
Silicon	28-1	-7.01	-13.49	-11.77	-10.75		ppb
Silver	109-1	0.01	0.01	0.00	0.00	43.75	ppb
Silver	107-1	0.00	0.00	0.00	0.00	340.68	ppb
Sodium	23-2	46.94	38.27	39.22	41.47	11.46	ppb
Strontium	86-1	0.02	0.04	0.01	0.02	57.93	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	458.80	-558.31	-156.67	-85.39		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.06	0.04	0.02	0.04	40.58	ppb
Thallium	205-1	0.04	0.05	0.03	0.04	19.62	ppb
Tin	118-1	-0.19	-0.14	-0.18	-0.17		ppb
Titanium	47-1	0.04	0.07	0.05	0.06	29.52	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	157.35	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	183.63	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.58	-0.49	-0.41	-0.50		ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:09:16	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.04	0.08	0.06	27.79	ppb
Zirconium	91-1	0.08	0.05	0.07	0.06	24.44	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:12:37	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91608.43	89661.24	86265.92	89178.53	3.03	ppb
Antimony	121-1	1.14	1.21	1.13	1.16	3.47	ppb
Arsenic	75-2	0.25	0.27	0.40	0.31	27.39	ppb
Barium	135-1	1.37	1.50	1.47	1.44	4.58	ppb
Barium	137-1	1.45	1.53	1.42	1.47	4.03	ppb
Beryllium	9-1	0.36	0.39	0.33	0.36	9.19	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	6.85	8.77	8.32	7.98	12.63	ppb
Boron	11-1	8.02	8.02	7.99	8.01	0.18	ppb
Cadmium	111-1	0.25	0.27	0.28	0.27	5.79	ppb
Cadmium	106-1	-1.51	-1.58	-0.64	-1.24		ppb
Cadmium	108-1	9.74	10.04	9.35	9.71	3.55	ppb
Calcium	43-1	94585.21	102335.00	95876.21	97598.80	4.25	ppb
Calcium	44-1	93932.36	100742.65	92242.00	95639.00	4.71	ppb
Chromium	52-2	18.86	19.60	18.70	19.05	2.52	ppb
Cobalt	59-2	1.03	1.18	1.11	1.10	6.77	ppb
Copper	63-2	7.70	7.67	7.20	7.52	3.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	101146.32	99690.16	95508.72	98781.74	2.96	ppb
Iron	57-2	99433.62	97558.33	94601.17	97197.71	2.51	ppb
Krypton	83-1						cps
Lead	206-1	4.66	4.86	4.47	4.67	4.15	ppb
Lead	207-1	4.09	4.39	3.85	4.11	6.58	ppb
Lead	208-1	4.25	4.55	4.12	4.31	5.15	ppb
Lithium	6-1				99		%
Magnesium	24-2	98959.42	97427.24	94518.84	96968.50	2.33	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:12:37	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.57	7.49	7.06	7.37	3.73	ppb
Molybdenum	94-1	1324.24	1437.28	1315.51	1359.01	5.00	ppb
Molybdenum	95-1	1882.98	2053.01	1858.68	1931.56	5.48	ppb
Molybdenum	96-1	1813.32	1953.88	1797.96	1855.05	4.63	ppb
Molybdenum	97-1	1892.72	2049.00	1895.67	1945.80	4.59	ppb
Molybdenum	98-1	1874.79	2021.97	1865.61	1920.79	4.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.15	5.18	5.26	5.20	1.15	ppb
Phosphorus	31-2	96847.98	98616.98	92241.80	95902.25	3.43	ppb
Potassium	39-2	98988.75	98132.28	93399.96	96840.33	3.11	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	-1.82	-1.82	-1.82	-1.82		ppb
Selenium	78-2	-0.25	0.63	-1.15	-0.26		ppb
Selenium	82-1	-0.22	-0.61	0.02	-0.27		ppb
Silicon	28-1	28.66	39.96	28.70	32.44	20.08	ppb
Silver	109-1	0.03	0.06	0.07	0.05	41.28	ppb
Silver	107-1	0.06	0.05	0.05	0.05	7.56	ppb
Sodium	23-2	100339.29	99668.54	95319.23	98442.35	2.77	ppb
Strontium	86-1	32.47	34.16	32.04	32.89	3.40	ppb
Strontium	88-1	32.70	34.83	32.62	33.39	3.75	ppb
Sulfur	34-1	86136.74	92607.87	85339.37	88028.00	4.53	ppb
Terbium	159-1				105		%
Terbium	159-2				98		%
Thallium	203-1	0.09	0.10	0.10	0.10	7.92	ppb
Thallium	205-1	0.09	0.11	0.11	0.10	10.14	ppb
Tin	118-1	-0.01	0.06	-0.04	0.00	1599.14	ppb
Titanium	47-1	1957.71	2060.96	1919.08	1979.25	3.71	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	12.46	ppb
Vanadium	51-2	0.10	0.21	0.13	0.15	38.99	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	9.96	10.63	9.71	10.10	4.70	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:12:37	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.63	0.64	0.47	0.58	16.59	ppb
Zirconium	91-1	0.73	0.58	0.46	0.59	22.86	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:15:53	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87410.42	91470.78	90173.54	89684.92	2.31	ppb
Antimony	121-1	19.67	20.50	20.33	20.17	2.17	ppb
Arsenic	75-2	18.87	18.72	19.49	19.03	2.13	ppb
Barium	135-1	20.70	21.42	20.61	20.91	2.13	ppb
Barium	137-1	21.07	21.33	20.80	21.06	1.26	ppb
Beryllium	9-1	19.44	20.65	19.88	19.99	3.06	ppb
Bismuth	209-1				100		%
Bismuth	209-2				91		%
Boron	10-1	58.08	60.98	57.45	58.84	3.20	ppb
Boron	11-1	54.20	57.04	57.27	56.17	3.04	ppb
Cadmium	111-1	19.05	19.45	19.50	19.33	1.27	ppb
Cadmium	106-1	21.57	21.41	21.13	21.37	1.03	ppb
Cadmium	108-1	30.76	29.92	30.76	30.48	1.61	ppb
Calcium	43-1	92915.52	100094.56	94771.67	95927.25	3.88	ppb
Calcium	44-1	91753.03	98410.77	93110.41	94424.74	3.73	ppb
Chromium	52-2	36.93	39.46	39.40	38.60	3.73	ppb
Cobalt	59-2	20.42	21.04	21.27	20.91	2.12	ppb
Copper	63-2	26.44	27.87	27.64	27.32	2.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				95		%
Indium	115-1				99		%
Indium	115-2				90		%
Iron	56-2	97029.50	102147.55	100431.70	99869.58	2.61	ppb
Iron	57-2	95889.53	100532.98	98756.35	98392.96	2.38	ppb
Krypton	83-1						cps
Lead	206-1	24.07	24.31	24.60	24.33	1.09	ppb
Lead	207-1	21.99	22.87	22.54	22.47	1.98	ppb
Lead	208-1	22.90	23.54	23.21	23.22	1.39	ppb
Lithium	6-1				100		%
Magnesium	24-2	94607.46	99357.02	97144.52	97036.34	2.45	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:15:53	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	25.42	27.42	27.17	26.67	4.08	ppb
Molybdenum	94-1	1389.91	1454.47	1413.97	1419.45	2.30	ppb
Molybdenum	95-1	1881.25	1972.89	1933.13	1929.09	2.38	ppb
Molybdenum	96-1	1830.67	1916.24	1856.84	1867.92	2.35	ppb
Molybdenum	97-1	1888.99	1999.94	1946.95	1945.30	2.85	ppb
Molybdenum	98-1	1880.30	1986.45	1903.33	1923.36	2.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.72	25.73	25.62	25.36	2.19	ppb
Phosphorus	31-2	92017.26	93177.70	95642.99	93612.65	1.98	ppb
Potassium	39-2	94382.42	97140.73	97311.90	96278.35	1.71	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	77-2	9.81	21.79	9.82	13.81	50.07	ppb
Selenium	78-2	21.60	12.71	16.15	16.82	26.64	ppb
Selenium	82-1	18.00	19.62	19.36	19.00	4.58	ppb
Silicon	28-1	86.66	99.17	91.19	92.34	6.86	ppb
Silver	109-1	18.09	18.84	18.43	18.45	2.03	ppb
Silver	107-1	18.23	18.63	18.45	18.44	1.10	ppb
Sodium	23-2	95296.04	101999.38	99249.09	98848.17	3.41	ppb
Strontium	86-1	78.23	81.76	77.64	79.21	2.81	ppb
Strontium	88-1	79.27	83.40	80.02	80.90	2.72	ppb
Sulfur	34-1	83087.62	89960.30	85171.13	86073.02	4.09	ppb
Terbium	159-1				105		%
Terbium	159-2				95		%
Thallium	203-1	19.48	19.98	20.02	19.83	1.51	ppb
Thallium	205-1	19.67	20.42	19.66	19.92	2.20	ppb
Tin	118-1	46.18	47.81	47.57	47.19	1.87	ppb
Titanium	47-1	1965.76	2081.92	1972.54	2006.74	3.25	ppb
Uranium	238-1	46.41	48.13	47.15	47.23	1.83	ppb
Vanadium	51-2	19.20	19.72	19.86	19.59	1.77	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	28.67	30.04	30.38	29.70	3.04	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:15:53	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	45.45	48.23	46.56	46.74	2.99	ppb
Zirconium	91-1	45.00	47.72	46.48	46.40	2.93	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:19:08	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50776.08	50796.77	51084.53	50885.79	0.34	ppb
Antimony	121-1	489.34	496.77	501.78	495.96	1.26	ppb
Arsenic	75-2	489.61	493.41	484.29	489.11	0.94	ppb
Barium	135-1	2447.78	2469.18	2521.42	2479.46	1.53	ppb
Barium	137-1	2441.66	2468.72	2506.38	2472.25	1.31	ppb
Beryllium	9-1	493.15	497.52	493.28	494.65	0.50	ppb
Bismuth	209-1				98		%
Bismuth	209-2				90		%
Boron	10-1	485.96	504.61	510.15	500.24	2.53	ppb
Boron	11-1	479.93	500.94	510.88	497.25	3.18	ppb
Cadmium	111-1	469.98	477.24	481.13	476.12	1.19	ppb
Cadmium	106-1	472.19	472.96	492.50	479.21	2.40	ppb
Cadmium	108-1	484.85	489.04	496.57	490.15	1.21	ppb
Calcium	43-1	237031.74	239318.36	242065.48	239471.86	1.05	ppb
Calcium	44-1	240311.68	239772.46	241052.60	240378.91	0.27	ppb
Chromium	52-2	506.57	507.94	506.97	507.16	0.14	ppb
Cobalt	59-2	486.52	483.92	487.07	485.84	0.35	ppb
Copper	63-2	958.81	955.05	958.99	957.62	0.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				96		%
Indium	115-1				98		%
Indium	115-2				90		%
Iron	56-2	125465.37	125624.64	125907.39	125665.80	0.18	ppb
Iron	57-2	126388.67	126017.73	126899.04	126435.15	0.35	ppb
Krypton	83-1						cps
Lead	206-1	502.37	506.65	510.44	506.49	0.80	ppb
Lead	207-1	507.75	511.56	514.89	511.40	0.70	ppb
Lead	208-1	504.99	510.40	511.49	508.96	0.68	ppb
Lithium	6-1				100		%
Magnesium	24-2	260482.93	264279.11	263598.34	262786.79	0.77	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:19:08	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1014.26	1001.63	1011.66	1009.18	0.66	ppb
Molybdenum	94-1	2426.16	2476.94	2453.25	2452.12	1.04	ppb
Molybdenum	95-1	2452.18	2480.41	2462.44	2465.01	0.58	ppb
Molybdenum	96-1	2434.67	2471.96	2487.11	2464.58	1.10	ppb
Molybdenum	97-1	2453.32	2483.94	2483.94	2473.74	0.71	ppb
Molybdenum	98-1	2474.98	2477.86	2470.87	2474.57	0.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.41	494.03	493.83	493.76	0.06	ppb
Phosphorus	31-2	9783.49	9466.74	10404.54	9884.92	4.83	ppb
Potassium	39-2	124668.06	126017.39	126394.11	125693.19	0.72	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	532.61	518.01	501.72	517.45	2.99	ppb
Selenium	78-2	505.07	534.34	506.45	515.28	3.20	ppb
Selenium	82-1	482.57	484.96	485.27	484.26	0.31	ppb
Silicon	28-1	500.57	500.66	509.33	503.52	1.00	ppb
Silver	109-1	486.19	487.45	492.88	488.84	0.73	ppb
Silver	107-1	482.29	490.76	490.96	488.00	1.01	ppb
Sodium	23-2	247159.76	248965.94	251313.78	249146.49	0.84	ppb
Strontium	86-1	478.69	486.72	489.04	484.81	1.12	ppb
Strontium	88-1	479.97	494.40	489.21	487.86	1.50	ppb
Sulfur	34-1	10390.23	10621.13	11092.23	10701.20	3.34	ppb
Terbium	159-1				104		%
Terbium	159-2				95		%
Thallium	203-1	503.86	509.02	506.76	506.54	0.51	ppb
Thallium	205-1	494.49	505.01	504.82	501.44	1.20	ppb
Tin	118-1	500.41	506.44	514.15	507.00	1.36	ppb
Titanium	47-1	2458.76	2468.23	2518.51	2481.83	1.29	ppb
Uranium	238-1	503.92	510.66	508.18	507.59	0.67	ppb
Vanadium	51-2	497.87	499.75	499.12	498.91	0.19	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	949.79	970.95	962.91	961.22	1.11	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:19:08	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	489.11	498.61	502.95	496.89	1.42	ppb
Zirconium	91-1	482.40	488.25	490.42	487.02	0.85	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:33:48	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.63	1.70	2.87	2.73	35.63	ppb
Antimony	121-1	0.09	0.09	0.09	0.09	1.44	ppb
Arsenic	75-2	-0.02	-0.02	0.00	-0.01		ppb
Barium	135-1	0.01	0.00	0.02	0.01	91.61	ppb
Barium	137-1	0.00	0.00	0.01	0.00	868.70	ppb
Beryllium	9-1	0.09	0.09	0.10	0.09	6.49	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	5.78	5.69	5.67	5.71	1.01	ppb
Boron	11-1	5.64	5.65	5.47	5.59	1.77	ppb
Cadmium	111-1	-0.07	-0.17	-0.11	-0.12		ppb
Cadmium	106-1	-1.00	-2.39	-1.50	-1.63		ppb
Cadmium	108-1	0.02	0.05	-0.02	0.02	193.09	ppb
Calcium	43-1	-6.48	-6.52	-8.40	-7.13		ppb
Calcium	44-1	0.20	3.23	3.24	2.22	78.90	ppb
Chromium	52-2	-0.03	-0.07	-0.04	-0.05		ppb
Cobalt	59-2	0.03	0.00	0.01	0.01	109.16	ppb
Copper	63-2	0.10	-0.01	0.04	0.04	129.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	1.38	1.62	1.17	1.39	16.21	ppb
Iron	57-2	2.00	-0.48	0.35	0.63	201.59	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.05	0.04	25.56	ppb
Lead	207-1	0.04	0.02	0.04	0.03	28.35	ppb
Lead	208-1	0.04	0.03	0.04	0.04	14.87	ppb
Lithium	6-1				102		%
Magnesium	24-2	7.06	7.44	7.95	7.48	6.00	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:33:48	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.10	-0.12	-0.08	-0.10		ppb
Molybdenum	94-1	0.15	0.12	0.18	0.15	18.62	ppb
Molybdenum	95-1	0.11	0.13	0.16	0.14	18.95	ppb
Molybdenum	96-1	0.15	0.12	0.11	0.13	13.39	ppb
Molybdenum	97-1	0.16	0.11	0.11	0.13	21.86	ppb
Molybdenum	98-1	0.15	0.14	0.14	0.14	4.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.09	-0.02	-0.03		ppb
Phosphorus	31-2	-33.00	-33.00	-33.00	-33.00		ppb
Potassium	39-2	-0.45	17.05	15.97	10.85	90.32	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	-1.82	-1.82	-1.82	-1.82		ppb
Selenium	78-2	-1.15	-0.29	1.37	-0.02		ppb
Selenium	82-1	1.17	-0.85	0.22	0.18	561.86	ppb
Silicon	28-1	-16.16	-15.92	-15.98	-16.02		ppb
Silver	109-1	0.01	0.01	0.01	0.01	4.93	ppb
Silver	107-1	0.00	0.01	0.01	0.01	100.43	ppb
Sodium	23-2	58.52	60.01	56.37	58.30	3.14	ppb
Strontium	86-1	0.00	-0.01	-0.03	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1128.99	-1421.35	-1111.30	-1220.55		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.06	0.06	0.07	0.06	9.27	ppb
Thallium	205-1	0.06	0.05	0.06	0.06	4.51	ppb
Tin	118-1	0.07	0.01	0.05	0.04	66.48	ppb
Titanium	47-1	0.05	0.06	0.08	0.06	25.47	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	125.74	ppb
Vanadium	51-2	0.01	0.01	-0.01	0.01	177.58	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	-0.03	0.04	-0.20	-0.06		ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:33:48	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.03	0.04	0.04	12.12	ppb
Zirconium	91-1	0.02	0.01	0.04	0.02	47.51	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:37:08	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.21	21.41	21.00	22.21	7.84	ppb
Antimony	121-1	2.04	2.01	2.09	2.04	1.95	ppb
Arsenic	75-2	1.10	0.95	0.86	0.97	12.36	ppb
Barium	135-1	9.68	9.53	10.39	9.87	4.69	ppb
Barium	137-1	9.53	9.80	10.11	9.81	2.95	ppb
Beryllium	9-1	1.10	1.04	1.05	1.06	2.80	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	26.44	26.51	28.93	27.29	5.19	ppb
Boron	11-1	27.98	26.68	28.85	27.83	3.92	ppb
Cadmium	111-1	0.79	0.86	0.90	0.85	6.89	ppb
Cadmium	106-1	-0.56	-0.20	-1.25	-0.67		ppb
Cadmium	108-1	1.25	0.89	0.92	1.02	19.58	ppb
Calcium	43-1	464.86	440.52	482.47	462.62	4.55	ppb
Calcium	44-1	454.17	461.57	498.28	471.34	5.01	ppb
Chromium	52-2	2.02	1.97	2.25	2.08	7.13	ppb
Cobalt	59-2	0.96	1.07	1.00	1.01	5.60	ppb
Copper	63-2	2.17	2.16	2.05	2.13	3.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	53.58	55.59	54.80	54.66	1.85	ppb
Iron	57-2	52.00	53.76	44.36	50.04	9.99	ppb
Krypton	83-1						cps
Lead	206-1	0.98	0.98	1.07	1.01	4.96	ppb
Lead	207-1	1.04	1.04	1.03	1.04	0.22	ppb
Lead	208-1	0.99	1.01	1.05	1.02	2.79	ppb
Lithium	6-1				103		%
Magnesium	24-2	490.36	502.09	493.03	495.16	1.24	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:37:08	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.02	1.17	0.95	1.05	10.54	ppb
Molybdenum	94-1	4.83	5.02	5.36	5.07	5.30	ppb
Molybdenum	95-1	5.04	4.94	5.01	5.00	1.07	ppb
Molybdenum	96-1	4.83	5.00	5.13	4.99	2.95	ppb
Molybdenum	97-1	4.61	4.98	5.25	4.95	6.57	ppb
Molybdenum	98-1	4.75	4.95	5.10	4.93	3.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	0.92	1.10	1.01	9.04	ppb
Phosphorus	31-2	-13.67	26.84	6.89	6.69	302.88	ppb
Potassium	39-2	488.58	486.60	490.18	488.45	0.37	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	-1.82	-1.82	9.09	1.82	346.68	ppb
Selenium	78-2	4.73	0.54	7.38	4.22	81.76	ppb
Selenium	82-1	4.60	4.77	5.25	4.88	6.91	ppb
Silicon	28-1	1.49	3.15	13.49	6.04	107.62	ppb
Silver	109-1	1.01	1.01	1.06	1.03	2.58	ppb
Silver	107-1	1.00	0.98	1.02	1.00	2.12	ppb
Sodium	23-2	548.26	561.52	555.91	555.23	1.20	ppb
Strontium	86-1	0.99	1.02	1.08	1.03	4.52	ppb
Strontium	88-1	0.94	1.01	1.04	1.00	5.10	ppb
Sulfur	34-1	-1457.02	-1278.90	219.53	-838.80		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	1.02	1.05	1.04	1.04	1.52	ppb
Thallium	205-1	1.04	1.03	1.04	1.03	0.42	ppb
Tin	118-1	5.07	4.97	5.29	5.11	3.19	ppb
Titanium	47-1	4.62	4.65	5.21	4.83	6.88	ppb
Uranium	238-1	0.89	0.93	0.97	0.93	4.50	ppb
Vanadium	51-2	4.57	4.96	5.05	4.86	5.26	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	1.99	2.16	2.11	2.09	4.35	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:37:08	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.99	1.05	1.05	1.03	3.15	ppb
Zirconium	91-1	1.09	1.01	0.97	1.03	5.79	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	PB111697BL	Instrumnet Name :	P8
Client Sample ID :	PB111697BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:40:29	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.77	2.64	2.10	2.17	20.08	ppb
Antimony	121-1	0.05	0.04	0.05	0.05	8.99	ppb
Arsenic	75-2	-0.02	0.00	-0.02	-0.01		ppb
Barium	135-1	-0.01	0.00	0.02	0.00		ppb
Barium	137-1	0.01	0.03	0.00	0.02	91.11	ppb
Beryllium	9-1	0.05	0.09	0.08	0.07	27.42	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	6.82	4.51	3.75	5.02	31.84	ppb
Boron	11-1	4.81	4.57	4.30	4.56	5.60	ppb
Cadmium	111-1	-0.17	-0.08	-0.25	-0.17		ppb
Cadmium	106-1	-2.46	-1.14	-3.42	-2.34		ppb
Cadmium	108-1	-0.05	-0.02	0.08	0.01	1217.86	ppb
Calcium	43-1	1.89	-4.38	-13.16	-5.22		ppb
Calcium	44-1	1.26	1.51	-0.93	0.61	219.96	ppb
Chromium	52-2	0.06	0.07	-0.02	0.04	129.91	ppb
Cobalt	59-2	0.02	0.01	0.03	0.02	51.34	ppb
Copper	63-2	0.02	0.00	0.04	0.02	102.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	1.12	1.59	1.28	1.33	17.82	ppb
Iron	57-2	-1.70	2.68	1.22	0.74	303.47	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.02	0.02	49.18	ppb
Lead	207-1	0.03	0.03	0.04	0.04	22.91	ppb
Lead	208-1	0.02	0.03	0.03	0.03	17.55	ppb
Lithium	6-1				104		%
Magnesium	24-2	4.90	8.14	5.54	6.19	27.75	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	PB111697BL	Instrumnet Name :	P8
Client Sample ID :	PB111697BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:40:29	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.11	-0.04	-0.12	-0.09		ppb
Molybdenum	94-1	0.05	0.09	0.10	0.08	31.11	ppb
Molybdenum	95-1	0.11	0.11	0.09	0.10	12.80	ppb
Molybdenum	96-1	0.09	0.06	0.10	0.08	23.26	ppb
Molybdenum	97-1	0.09	0.08	0.10	0.09	9.29	ppb
Molybdenum	98-1	0.10	0.08	0.09	0.09	13.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.13	-0.01	0.05	134.96	ppb
Phosphorus	31-2	-12.89	-33.00	-33.00	-26.29		ppb
Potassium	39-2	20.33	-1.06	-6.05	4.41	317.84	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	-1.82	-1.82	-1.82	-1.82		ppb
Selenium	78-2	0.55	0.55	2.22	1.11	87.29	ppb
Selenium	82-1	0.59	-0.48	-0.43	-0.11		ppb
Silicon	28-1	-13.96	-16.37	-18.54	-16.29		ppb
Silver	109-1	0.00	0.01	0.00	0.01	50.80	ppb
Silver	107-1	0.01	0.01	0.01	0.01	22.46	ppb
Sodium	23-2	53.23	52.46	49.59	51.76	3.70	ppb
Strontium	86-1	0.01	-0.03	0.01	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-901.50	-1048.52	-1486.48	-1145.50		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.04	0.05	0.05	11.85	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	7.67	ppb
Tin	118-1	0.04	0.01	0.02	0.02	92.35	ppb
Titanium	47-1	0.06	0.06	0.02	0.05	56.79	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1493.25	ppb
Vanadium	51-2	0.00	0.02	0.01	0.01	116.47	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	0.06	0.10	-0.14	0.01	2185.56	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	PB111697BL	Instrumnet Name :	P8
Client Sample ID :	PB111697BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:40:29	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.02	0.02	0.02	39.09	ppb
Zirconium	91-1	-0.01	0.01	0.01	0.01	232.48	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	PB111697BS	Instrumnet Name :	P8
Client Sample ID :	PB111697BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:43:50	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9420.89	9520.76	9548.27	9496.64	0.71	ppb
Antimony	121-1	491.45	488.45	490.12	490.01	0.31	ppb
Arsenic	75-2	487.09	487.49	488.58	487.72	0.16	ppb
Barium	135-1	2433.74	2414.60	2435.17	2427.83	0.47	ppb
Barium	137-1	2445.46	2414.54	2429.14	2429.71	0.64	ppb
Beryllium	9-1	492.09	484.46	481.59	486.05	1.12	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	452.67	471.17	486.78	470.21	3.63	ppb
Boron	11-1	465.09	471.68	479.30	472.02	1.51	ppb
Cadmium	111-1	482.75	477.80	484.92	481.83	0.76	ppb
Cadmium	106-1	482.98	475.75	482.07	480.27	0.82	ppb
Cadmium	108-1	487.48	481.31	486.10	484.96	0.67	ppb
Calcium	43-1	48068.64	46897.10	47545.49	47503.74	1.24	ppb
Calcium	44-1	48077.46	47209.49	47992.91	47759.95	1.00	ppb
Chromium	52-2	482.52	496.39	491.92	490.28	1.44	ppb
Cobalt	59-2	475.54	491.14	482.57	483.08	1.62	ppb
Copper	63-2	961.34	988.83	980.04	976.73	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	24737.98	25346.74	25267.83	25117.52	1.32	ppb
Iron	57-2	24033.59	24722.45	24694.03	24483.36	1.59	ppb
Krypton	83-1						cps
Lead	206-1	498.94	483.32	492.96	491.74	1.60	ppb
Lead	207-1	492.18	478.49	487.81	486.16	1.44	ppb
Lead	208-1	495.63	478.52	490.12	488.09	1.79	ppb
Lithium	6-1				105		%
Magnesium	24-2	50847.09	51292.08	51659.60	51266.26	0.79	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	PB111697BS	Instrumnet Name :	P8
Client Sample ID :	PB111697BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:43:50	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	971.29	1000.64	987.44	986.46	1.49	ppb
Molybdenum	94-1	2384.37	2359.56	2402.60	2382.18	0.91	ppb
Molybdenum	95-1	2392.75	2367.79	2411.64	2390.73	0.92	ppb
Molybdenum	96-1	2384.63	2364.14	2407.94	2385.57	0.92	ppb
Molybdenum	97-1	2397.89	2357.78	2421.50	2392.39	1.35	ppb
Molybdenum	98-1	2394.58	2369.02	2415.38	2393.00	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.29	495.35	487.38	489.34	1.09	ppb
Phosphorus	31-2	8944.06	10479.32	9670.74	9698.04	7.92	ppb
Potassium	39-2	24069.60	24508.08	24425.44	24334.37	0.96	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	499.00	509.15	552.21	520.12	5.43	ppb
Selenium	78-2	493.41	475.93	479.84	483.06	1.90	ppb
Selenium	82-1	477.93	475.22	480.02	477.72	0.50	ppb
Silicon	28-1	495.95	484.99	488.11	489.68	1.15	ppb
Silver	109-1	497.96	490.35	492.38	493.56	0.80	ppb
Silver	107-1	499.23	488.27	490.32	492.61	1.18	ppb
Sodium	23-2	49713.29	50255.04	49952.26	49973.53	0.54	ppb
Strontium	86-1	469.61	470.13	474.01	471.25	0.51	ppb
Strontium	88-1	474.36	472.30	482.87	476.51	1.18	ppb
Sulfur	34-1	10896.89	10161.46	10420.23	10492.86	3.56	ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	493.77	482.49	486.45	487.57	1.17	ppb
Thallium	205-1	487.44	476.06	483.39	482.30	1.20	ppb
Tin	118-1	501.36	495.70	495.63	497.56	0.66	ppb
Titanium	47-1	2460.76	2363.23	2459.97	2427.99	2.31	ppb
Uranium	238-1	477.08	466.21	480.60	474.63	1.58	ppb
Vanadium	51-2	485.13	498.27	491.66	491.69	1.34	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	973.32	1001.28	988.46	987.68	1.42	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	PB111697BS	Instrumnet Name :	P8
Client Sample ID :	PB111697BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:43:50	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	484.98	476.84	487.36	483.06	1.14	ppb
Zirconium	91-1	473.85	467.11	473.67	471.54	0.81	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-01	Instrumnet Name :	P8
Client Sample ID :	KY030LC058-W-180720	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:47:02	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.39	3.08	5.78	4.75	30.77	ppb
Antimony	121-1	2.65	2.54	2.50	2.56	3.00	ppb
Arsenic	75-2	2.01	2.02	1.79	1.94	6.70	ppb
Barium	135-1	62.28	62.96	64.01	63.08	1.38	ppb
Barium	137-1	65.23	64.14	65.85	65.07	1.33	ppb
Beryllium	9-1	0.14	0.15	0.14	0.14	1.35	ppb
Bismuth	209-1				108		%
Bismuth	209-2				91		%
Boron	10-1	116.45	109.78	110.29	112.18	3.31	ppb
Boron	11-1	119.46	112.81	107.76	113.34	5.18	ppb
Cadmium	111-1	0.04	-0.13	-0.18	-0.09		ppb
Cadmium	106-1	-2.12	-3.71	-3.79	-3.21		ppb
Cadmium	108-1	0.35	0.18	0.08	0.21	65.95	ppb
Calcium	43-1	77205.28	76590.01	76998.03	76931.10	0.41	ppb
Calcium	44-1	75259.84	75188.74	75925.04	75457.87	0.54	ppb
Chromium	52-2	1.05	1.20	0.88	1.04	15.47	ppb
Cobalt	59-2	0.06	0.11	0.08	0.08	28.07	ppb
Copper	63-2	6.58	7.36	7.50	7.14	6.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				88		%
Indium	115-1				99		%
Indium	115-2				84		%
Iron	56-2	9.90	9.46	9.34	9.57	3.07	ppb
Iron	57-2	9.53	16.14	7.85	11.17	39.25	ppb
Krypton	83-1						cps
Lead	206-1	0.43	0.34	0.32	0.36	15.65	ppb
Lead	207-1	0.35	0.41	0.32	0.36	12.42	ppb
Lead	208-1	0.41	0.37	0.33	0.37	10.49	ppb
Lithium	6-1				138		%
Magnesium	24-2	6980.53	7083.68	6682.71	6915.64	3.01	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-01	Instrumnet Name :	P8
Client Sample ID :	KY030LC058-W-180720	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:47:02	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.05	6.68	6.62	6.78	3.44	ppb
Molybdenum	94-1	2.64	2.55	2.40	2.53	4.68	ppb
Molybdenum	95-1	2.76	2.60	2.51	2.63	4.79	ppb
Molybdenum	96-1	2.78	2.54	2.58	2.63	4.85	ppb
Molybdenum	97-1	2.82	2.81	2.54	2.72	5.75	ppb
Molybdenum	98-1	2.64	2.56	2.48	2.56	3.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.37	1.31	1.23	1.30	5.36	ppb
Phosphorus	31-2	-33.00	-8.41	-33.00	-24.80		ppb
Potassium	39-2	3997.91	3930.82	3787.14	3905.29	2.76	ppb
Rhodium	103-1				94		%
Rhodium	103-2				88		%
Scandium	45-1				93		%
Scandium	45-2				83		%
Selenium	77-2	-1.82	-1.82	-1.82	-1.82		ppb
Selenium	78-2	-0.12	-0.10	0.92	0.23	255.59	ppb
Selenium	82-1	-0.23	0.03	0.65	0.15	298.88	ppb
Silicon	28-1	6250.81	6260.81	6249.28	6253.63	0.10	ppb
Silver	109-1	1.28	1.29	1.20	1.26	3.94	ppb
Silver	107-1	1.27	1.28	1.22	1.26	2.59	ppb
Sodium	23-2	26671.82	26313.14	25668.78	26217.91	1.94	ppb
Strontium	86-1	312.24	311.06	312.65	311.98	0.26	ppb
Strontium	88-1	315.21	316.88	317.97	316.69	0.44	ppb
Sulfur	34-1	11210.47	10990.58	10937.94	11046.33	1.31	ppb
Terbium	159-1				103		%
Terbium	159-2				88		%
Thallium	203-1	1.43	0.88	0.56	0.96	46.19	ppb
Thallium	205-1	1.39	0.86	0.57	0.94	44.09	ppb
Tin	118-1	6.22	6.15	5.95	6.11	2.28	ppb
Titanium	47-1	2.09	2.07	1.88	2.01	5.56	ppb
Uranium	238-1	0.66	0.76	0.69	0.70	7.15	ppb
Vanadium	51-2	2.30	2.00	2.16	2.15	6.98	ppb
Yttrium	89-1				95		%
Yttrium	89-2				83		%
Zinc	66-2	7.97	8.63	7.33	7.97	8.16	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-01	Instrumnet Name :	P8
Client Sample ID :	KY030LC058-W-180720	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:47:02	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.63	0.54	0.45	0.54	16.28	ppb
Zirconium	91-1	0.67	0.47	0.53	0.55	18.57	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-02	Instrumnet Name :	P8
Client Sample ID :	KY030LC066-W-180720	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:50:21	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.47	7.57	7.08	7.37	3.56	ppb
Antimony	121-1	1.95	1.99	2.07	2.00	3.00	ppb
Arsenic	75-2	2.23	2.48	2.49	2.40	6.11	ppb
Barium	135-1	83.43	82.75	81.04	82.41	1.50	ppb
Barium	137-1	83.25	83.10	83.46	83.27	0.22	ppb
Beryllium	9-1	0.07	0.08	0.07	0.07	8.93	ppb
Bismuth	209-1				108		%
Bismuth	209-2				88		%
Boron	10-1	121.05	120.01	123.05	121.37	1.28	ppb
Boron	11-1	121.39	123.82	121.82	122.34	1.06	ppb
Cadmium	111-1	-0.15	-0.20	-0.24	-0.20		ppb
Cadmium	106-1	-2.72	-3.65	-3.97	-3.45		ppb
Cadmium	108-1	0.08	0.14	0.18	0.13	35.63	ppb
Calcium	43-1	101511.39	100605.00	99593.73	100570.04	0.95	ppb
Calcium	44-1	100053.94	100059.40	98470.65	99528.00	0.92	ppb
Chromium	52-2	0.71	0.74	0.77	0.74	4.19	ppb
Cobalt	59-2	0.19	0.19	0.14	0.17	15.71	ppb
Copper	63-2	10.51	10.78	11.27	10.85	3.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				87		%
Indium	115-1				98		%
Indium	115-2				79		%
Iron	56-2	13.42	12.85	12.55	12.94	3.40	ppb
Iron	57-2	11.05	14.56	10.14	11.91	19.59	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.28	0.25	0.26	7.50	ppb
Lead	207-1	0.25	0.23	0.25	0.24	4.23	ppb
Lead	208-1	0.24	0.24	0.23	0.24	2.34	ppb
Lithium	6-1				165		%
Magnesium	24-2	9115.87	9376.93	9219.80	9237.54	1.42	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-02	Instrumnet Name :	P8
Client Sample ID :	KY030LC066-W-180720	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:50:21	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.45	27.99	27.60	28.01	1.51	ppb
Molybdenum	94-1	1.50	1.52	1.47	1.49	1.80	ppb
Molybdenum	95-1	1.43	1.35	1.26	1.34	6.29	ppb
Molybdenum	96-1	1.49	1.55	1.41	1.48	4.84	ppb
Molybdenum	97-1	1.32	1.49	1.52	1.44	7.41	ppb
Molybdenum	98-1	1.45	1.44	1.40	1.43	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.69	1.82	1.95	1.82	7.08	ppb
Phosphorus	31-2	-7.21	19.16	-33.00	-7.02		ppb
Potassium	39-2	2993.18	3020.29	2925.97	2979.81	1.63	ppb
Rhodium	103-1				92		%
Rhodium	103-2				86		%
Scandium	45-1				89		%
Scandium	45-2				77		%
Selenium	77-2	-1.82	-1.82	-1.82	-1.82		ppb
Selenium	78-2	-1.15	-0.06	-0.07	-0.42		ppb
Selenium	82-1	1.04	1.06	1.38	1.16	16.72	ppb
Silicon	28-1	7653.92	7637.35	7615.22	7635.50	0.25	ppb
Silver	109-1	0.54	0.60	0.56	0.57	5.26	ppb
Silver	107-1	0.63	0.62	0.57	0.61	5.64	ppb
Sodium	23-2	48262.42	48489.77	48432.04	48394.74	0.24	ppb
Strontium	86-1	462.62	463.21	470.10	465.31	0.89	ppb
Strontium	88-1	465.25	468.12	464.60	465.99	0.40	ppb
Sulfur	34-1	19550.03	19853.67	19039.69	19481.13	2.11	ppb
Terbium	159-1				107		%
Terbium	159-2				86		%
Thallium	203-1	0.08	0.12	0.12	0.11	22.75	ppb
Thallium	205-1	0.10	0.07	0.09	0.09	14.56	ppb
Tin	118-1	4.87	4.92	4.74	4.84	1.94	ppb
Titanium	47-1	0.85	0.86	0.76	0.82	6.57	ppb
Uranium	238-1	1.06	1.08	1.08	1.07	1.07	ppb
Vanadium	51-2	2.23	2.06	1.91	2.06	7.76	ppb
Yttrium	89-1				94		%
Yttrium	89-2				79		%
Zinc	66-2	12.35	13.98	12.54	12.96	6.89	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-02	Instrumnet Name :	P8
Client Sample ID :	KY030LC066-W-180720	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:50:21	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.34	0.35	0.30	0.33	8.55	ppb
Zirconium	91-1	0.33	0.34	0.32	0.33	3.30	ppb

LB Number : LB97079 Operator : Jaswal
 Lab Sample ID : J4114-02DUP Instrumnet Name : P8
 Client Sample ID : KY030LC066-W-180720I Dilution Factor : 1
 Date & Time Acquired :: 2018-08-02 15:53:41 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.79	7.88	12.64	11.10	25.17	ppb
Antimony	121-1	2.10	2.13	2.29	2.17	4.62	ppb
Arsenic	75-2	1.96	2.30	2.13	2.13	7.93	ppb
Barium	135-1	84.65	85.15	84.24	84.68	0.54	ppb
Barium	137-1	86.25	85.27	86.25	85.93	0.66	ppb
Beryllium	9-1	0.01	0.06	0.07	0.05	65.59	ppb
Bismuth	209-1				108		%
Bismuth	209-2				87		%
Boron	10-1	121.24	123.91	125.43	123.53	1.72	ppb
Boron	11-1	124.43	122.82	123.98	123.74	0.67	ppb
Cadmium	111-1	-0.22	-0.19	-0.20	-0.20		ppb
Cadmium	106-1	-3.46	-3.19	-3.05	-3.23		ppb
Cadmium	108-1	0.05	0.05	0.24	0.11	97.29	ppb
Calcium	43-1	104863.60	102144.17	102745.80	103251.19	1.38	ppb
Calcium	44-1	102896.29	101635.13	101837.46	102122.96	0.66	ppb
Chromium	52-2	0.57	0.80	0.72	0.70	16.91	ppb
Cobalt	59-2	0.20	0.17	0.17	0.18	10.42	ppb
Copper	63-2	12.64	12.56	13.09	12.76	2.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				85		%
Indium	115-1				99		%
Indium	115-2				76		%
Iron	56-2	13.19	13.33	12.98	13.17	1.30	ppb
Iron	57-2	22.71	11.12	12.72	15.52	40.47	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.19	0.20	0.19	2.62	ppb
Lead	207-1	0.20	0.20	0.21	0.20	1.47	ppb
Lead	208-1	0.19	0.20	0.20	0.20	4.12	ppb
Lithium	6-1				162		%
Magnesium	24-2	9529.04	9497.63	9350.79	9459.15	1.01	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-02DUP	Instrumnet Name :	P8
Client Sample ID :	KY030LC066-W-180720I	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:53:41	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.78	27.60	28.66	27.68	3.40	ppb
Molybdenum	94-1	1.23	1.27	1.11	1.20	6.88	ppb
Molybdenum	95-1	1.40	1.32	1.31	1.34	3.53	ppb
Molybdenum	96-1	1.38	1.27	1.26	1.30	5.00	ppb
Molybdenum	97-1	1.24	1.26	1.28	1.26	1.49	ppb
Molybdenum	98-1	1.39	1.28	1.33	1.33	4.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.85	1.69	1.83	1.79	4.89	ppb
Phosphorus	31-2	-33.00	-33.00	-33.00	-33.00		ppb
Potassium	39-2	3020.87	3071.87	2996.60	3029.78	1.27	ppb
Rhodium	103-1				92		%
Rhodium	103-2				84		%
Scandium	45-1				88		%
Scandium	45-2				74		%
Selenium	77-2	-1.82	-1.82	-1.82	-1.82		ppb
Selenium	78-2	-0.03	-0.02	-0.03	-0.03		ppb
Selenium	82-1	1.05	0.46	0.98	0.83	38.66	ppb
Silicon	28-1	7811.41	7696.52	7716.70	7741.54	0.79	ppb
Silver	109-1	0.35	0.38	0.38	0.37	4.23	ppb
Silver	107-1	0.38	0.38	0.31	0.36	10.34	ppb
Sodium	23-2	49868.14	49543.12	49196.72	49535.99	0.68	ppb
Strontium	86-1	474.31	470.61	476.83	473.91	0.66	ppb
Strontium	88-1	479.63	479.77	479.96	479.79	0.03	ppb
Sulfur	34-1	20213.62	19534.74	19531.11	19759.82	1.99	ppb
Terbium	159-1				106		%
Terbium	159-2				84		%
Thallium	203-1	0.06	0.06	0.06	0.06	3.40	ppb
Thallium	205-1	0.06	0.05	0.06	0.06	7.36	ppb
Tin	118-1	4.17	3.99	4.11	4.09	2.32	ppb
Titanium	47-1	0.85	0.79	0.92	0.85	7.36	ppb
Uranium	238-1	1.09	1.11	1.12	1.11	1.42	ppb
Vanadium	51-2	2.40	2.45	2.34	2.40	2.47	ppb
Yttrium	89-1				93		%
Yttrium	89-2				77		%
Zinc	66-2	12.90	14.22	15.09	14.07	7.84	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-02DUP	Instrumnet Name :	P8
Client Sample ID :	KY030LC066-W-180720I	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:53:41	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.22	0.21	0.23	0.22	5.23	ppb
Zirconium	91-1	0.25	0.25	0.26	0.25	2.06	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-02LX5	Instrumnet Name :	P8
Client Sample ID :	KY030LC066-W-180720I	Dilution Factor :	5
Date & Time Acquired ::	2018-08-02 15:57:01	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.81	0.98	4.11	2.96	58.32	ppb
Antimony	121-1	0.40	0.37	0.35	0.37	6.78	ppb
Arsenic	75-2	0.39	0.40	0.52	0.43	16.81	ppb
Barium	135-1	15.80	16.19	15.44	15.81	2.37	ppb
Barium	137-1	15.86	16.44	16.52	16.27	2.22	ppb
Beryllium	9-1	0.07	0.07	0.06	0.07	12.02	ppb
Bismuth	209-1				112		%
Bismuth	209-2				96		%
Boron	10-1	41.44	43.86	41.80	42.37	3.08	ppb
Boron	11-1	42.85	42.14	42.64	42.54	0.86	ppb
Cadmium	111-1	-0.24	-0.20	-0.22	-0.22		ppb
Cadmium	106-1	-3.35	-2.96	-3.24	-3.18		ppb
Cadmium	108-1	0.01	-0.05	0.07	0.01	502.40	ppb
Calcium	43-1	19323.77	19497.48	19233.32	19351.52	0.69	ppb
Calcium	44-1	19547.41	19633.37	19293.51	19491.43	0.91	ppb
Chromium	52-2	0.18	0.12	0.15	0.15	20.58	ppb
Cobalt	59-2	0.04	0.02	0.01	0.03	57.40	ppb
Copper	63-2	3.57	3.41	3.28	3.42	4.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				94		%
Indium	115-1				105		%
Indium	115-2				87		%
Iron	56-2	3.12	2.82	3.26	3.06	7.32	ppb
Iron	57-2	-1.84	4.22	1.04	1.14	265.73	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.05	0.05	9.80	ppb
Lead	207-1	0.04	0.05	0.04	0.04	16.44	ppb
Lead	208-1	0.04	0.05	0.05	0.05	6.06	ppb
Lithium	6-1				125		%
Magnesium	24-2	1868.73	1825.37	1778.71	1824.27	2.47	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-02LX5	Instrumnet Name :	P8
Client Sample ID :	KY030LC066-W-180720I	Dilution Factor :	5
Date & Time Acquired ::	2018-08-02 15:57:01	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.90	5.37	5.10	5.12	4.61	ppb
Molybdenum	94-1	0.25	0.25	0.34	0.28	17.53	ppb
Molybdenum	95-1	0.28	0.27	0.34	0.30	11.75	ppb
Molybdenum	96-1	0.28	0.31	0.29	0.30	5.64	ppb
Molybdenum	97-1	0.38	0.36	0.35	0.36	3.73	ppb
Molybdenum	98-1	0.30	0.28	0.30	0.29	2.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.44	0.46	0.35	0.42	14.74	ppb
Phosphorus	31-2	14.03	-33.00	-10.15	-9.70		ppb
Potassium	39-2	594.00	588.96	601.94	594.97	1.10	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				86		%
Selenium	77-2	-1.82	4.54	-1.82	0.30	1217.83	ppb
Selenium	78-2	-1.15	-0.15	-1.15	-0.81		ppb
Selenium	82-1	-0.52	-0.02	0.24	-0.10		ppb
Silicon	28-1	1528.43	1500.06	1492.04	1506.84	1.27	ppb
Silver	109-1	0.12	0.11	0.14	0.13	12.05	ppb
Silver	107-1	0.13	0.16	0.14	0.14	9.18	ppb
Sodium	23-2	9227.07	9338.67	8946.32	9170.69	2.20	ppb
Strontium	86-1	89.84	90.72	90.84	90.46	0.61	ppb
Strontium	88-1	93.95	94.72	94.45	94.37	0.41	ppb
Sulfur	34-1	2099.58	2208.58	2094.22	2134.13	3.02	ppb
Terbium	159-1				112		%
Terbium	159-2				94		%
Thallium	203-1	0.02	0.02	0.02	0.02	9.32	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	6.51	ppb
Tin	118-1	0.37	0.40	0.34	0.37	8.49	ppb
Titanium	47-1	0.15	0.22	0.22	0.20	19.78	ppb
Uranium	238-1	0.20	0.21	0.21	0.21	3.84	ppb
Vanadium	51-2	0.45	0.31	0.41	0.39	18.46	ppb
Yttrium	89-1				100		%
Yttrium	89-2				87		%
Zinc	66-2	2.78	2.67	2.73	2.73	2.05	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-02LX5	Instrumnet Name :	P8
Client Sample ID :	KY030LC066-W-180720I	Dilution Factor :	5
Date & Time Acquired ::	2018-08-02 15:57:01	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.03	0.02	8.40	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	4.29	ppb

LB Number : LB97079 Operator : Jaswal
 Lab Sample ID : J4114-02MS Instrumnet Name : P8
 Client Sample ID : KY030LC066-W-1807201 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-02 16:00:21 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8843.37	9789.18	8969.22	9200.59	5.58	ppb
Antimony	121-1	469.53	466.88	462.76	466.39	0.73	ppb
Arsenic	75-2	483.95	530.77	480.07	498.26	5.66	ppb
Barium	135-1	2384.22	2395.20	2371.72	2383.71	0.49	ppb
Barium	137-1	2382.86	2403.90	2360.88	2382.55	0.90	ppb
Beryllium	9-1	269.64	264.97	261.16	265.26	1.60	ppb
Bismuth	209-1				107		%
Bismuth	209-2				82		%
Boron	10-1	373.58	377.23	381.26	377.36	1.02	ppb
Boron	11-1	369.18	367.86	374.41	370.48	0.93	ppb
Cadmium	111-1	443.31	440.90	440.00	441.40	0.39	ppb
Cadmium	106-1	429.51	438.94	429.58	432.68	1.25	ppb
Cadmium	108-1	427.94	451.96	436.32	438.74	2.78	ppb
Calcium	43-1	150218.49	149541.45	149296.65	149685.53	0.32	ppb
Calcium	44-1	148234.30	147560.15	148182.76	147992.40	0.25	ppb
Chromium	52-2	513.73	564.14	514.79	530.88	5.43	ppb
Cobalt	59-2	523.32	579.98	523.90	542.40	6.00	ppb
Copper	63-2	1091.75	1204.03	1097.76	1131.18	5.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				83		%
Indium	115-1				96		%
Indium	115-2				72		%
Iron	56-2	26284.80	29117.73	26168.62	27190.38	6.14	ppb
Iron	57-2	26039.91	28536.63	25736.41	26770.98	5.74	ppb
Krypton	83-1						cps
Lead	206-1	483.03	486.34	489.10	486.16	0.63	ppb
Lead	207-1	467.82	467.06	470.34	468.41	0.37	ppb
Lead	208-1	473.24	474.57	476.44	474.75	0.34	ppb
Lithium	6-1				150		%
Magnesium	24-2	60919.19	66866.32	61138.87	62974.79	5.35	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-02MS	Instrumnet Name :	P8
Client Sample ID :	KY030LC066-W-1807201	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 16:00:21	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1011.68	1100.69	998.48	1036.95	5.36	ppb
Molybdenum	94-1	2396.28	2393.61	2382.68	2390.86	0.30	ppb
Molybdenum	95-1	2411.35	2406.23	2378.21	2398.60	0.74	ppb
Molybdenum	96-1	2405.50	2416.98	2417.78	2413.42	0.28	ppb
Molybdenum	97-1	2407.44	2413.06	2394.61	2405.04	0.39	ppb
Molybdenum	98-1	2395.45	2401.04	2381.00	2392.50	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	539.49	597.37	543.86	560.24	5.75	ppb
Phosphorus	31-2	-33.00	26.72	-33.00	-13.09		ppb
Potassium	39-2	25491.59	28150.87	25269.15	26303.87	6.10	ppb
Rhodium	103-1				91		%
Rhodium	103-2				81		%
Scandium	45-1				87		%
Scandium	45-2				72		%
Selenium	77-2	446.00	544.55	452.69	481.08	11.45	ppb
Selenium	78-2	463.29	520.39	483.08	488.92	5.93	ppb
Selenium	82-1	463.81	467.79	469.61	467.07	0.64	ppb
Silicon	28-1	7956.41	7980.76	7947.96	7961.71	0.21	ppb
Silver	109-1	451.79	454.83	452.57	453.06	0.35	ppb
Silver	107-1	454.35	452.49	451.73	452.86	0.30	ppb
Sodium	23-2	98774.53	109574.14	99634.81	102661.16	5.85	ppb
Strontium	86-1	942.68	941.73	952.95	945.79	0.66	ppb
Strontium	88-1	949.32	952.94	949.85	950.70	0.21	ppb
Sulfur	34-1	19728.22	19231.62	19231.34	19397.06	1.48	ppb
Terbium	159-1				106		%
Terbium	159-2				82		%
Thallium	203-1	480.01	477.72	480.87	479.54	0.34	ppb
Thallium	205-1	469.56	477.59	475.83	474.33	0.89	ppb
Tin	118-1	439.62	433.23	436.22	436.36	0.73	ppb
Titanium	47-1	2371.13	2350.16	2342.60	2354.63	0.63	ppb
Uranium	238-1	486.55	488.86	488.44	487.95	0.25	ppb
Vanadium	51-2	508.10	559.83	511.35	526.43	5.50	ppb
Yttrium	89-1				93		%
Yttrium	89-2				74		%
Zinc	66-2	1009.96	1128.78	1007.36	1048.70	6.61	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-02MS	Instrumnet Name :	P8
Client Sample ID :	KY030LC066-W-1807201	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 16:00:21	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	482.31	481.36	478.24	480.64	0.44	ppb
Zirconium	91-1	471.90	470.19	471.48	471.19	0.19	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-02MSD	Instrumnet Name :	P8
Client Sample ID :	KY030LC066-W-1807201	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 16:03:33	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8738.98	9113.83	9027.27	8960.03	2.19	ppb
Antimony	121-1	465.87	463.84	458.09	462.60	0.87	ppb
Arsenic	75-2	493.07	506.38	484.85	494.77	2.20	ppb
Barium	135-1	2353.45	2371.68	2357.17	2360.77	0.41	ppb
Barium	137-1	2360.53	2375.00	2338.00	2357.84	0.79	ppb
Beryllium	9-1	266.04	266.40	264.47	265.63	0.39	ppb
Bismuth	209-1				108		%
Bismuth	209-2				85		%
Boron	10-1	384.62	393.23	390.44	389.43	1.13	ppb
Boron	11-1	375.86	386.86	388.09	383.60	1.76	ppb
Cadmium	111-1	435.91	438.74	438.93	437.86	0.39	ppb
Cadmium	106-1	432.01	433.60	439.29	434.97	0.88	ppb
Cadmium	108-1	442.55	444.82	433.20	440.19	1.40	ppb
Calcium	43-1	147446.40	148880.83	147792.86	148040.03	0.51	ppb
Calcium	44-1	145986.13	147860.51	146140.50	146662.38	0.71	ppb
Chromium	52-2	507.71	522.84	519.63	516.73	1.54	ppb
Cobalt	59-2	519.91	539.60	532.10	530.54	1.87	ppb
Copper	63-2	1082.77	1121.86	1111.00	1105.21	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				85		%
Indium	115-1				97		%
Indium	115-2				73		%
Iron	56-2	26141.36	26837.03	26569.33	26515.91	1.32	ppb
Iron	57-2	25723.76	26657.79	26168.63	26183.39	1.78	ppb
Krypton	83-1						cps
Lead	206-1	482.28	488.29	491.89	487.49	1.00	ppb
Lead	207-1	468.84	470.88	479.11	472.94	1.15	ppb
Lead	208-1	478.24	479.01	485.44	480.90	0.82	ppb
Lithium	6-1				152		%
Magnesium	24-2	59752.34	61843.51	60969.18	60855.01	1.73	ppb

LB Number : LB97079 Operator : Jaswal
 Lab Sample ID : J4114-02MSD Instrumnet Name : P8
 Client Sample ID : KY030LC066-W-1807201 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-02 16:03:33 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	993.53	1021.45	1002.13	1005.70	1.42	ppb
Molybdenum	94-1	2406.70	2394.91	2400.02	2400.54	0.25	ppb
Molybdenum	95-1	2398.71	2387.89	2397.38	2394.66	0.25	ppb
Molybdenum	96-1	2429.43	2382.27	2411.89	2407.86	0.99	ppb
Molybdenum	97-1	2456.94	2431.54	2408.33	2432.27	1.00	ppb
Molybdenum	98-1	2415.89	2408.19	2405.38	2409.82	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	532.65	557.58	545.91	545.38	2.29	ppb
Phosphorus	31-2	-33.00	22.18	21.26	3.48	908.12	ppb
Potassium	39-2	24979.83	25683.99	25275.12	25312.98	1.40	ppb
Rhodium	103-1				93		%
Rhodium	103-2				83		%
Scandium	45-1				88		%
Scandium	45-2				74		%
Selenium	77-2	481.03	497.72	496.21	491.65	1.88	ppb
Selenium	78-2	471.28	457.27	438.11	455.55	3.65	ppb
Selenium	82-1	469.57	469.31	469.23	469.37	0.04	ppb
Silicon	28-1	7831.10	7958.13	7849.72	7879.65	0.87	ppb
Silver	109-1	451.87	451.21	450.28	451.12	0.18	ppb
Silver	107-1	449.30	452.96	447.47	449.91	0.62	ppb
Sodium	23-2	96048.62	100759.89	98801.18	98536.56	2.40	ppb
Strontium	86-1	959.91	940.99	948.52	949.81	1.00	ppb
Strontium	88-1	957.75	940.13	941.38	946.42	1.04	ppb
Sulfur	34-1	18856.55	18893.07	18606.89	18785.50	0.83	ppb
Terbium	159-1				109		%
Terbium	159-2				84		%
Thallium	203-1	481.88	479.26	486.67	482.60	0.78	ppb
Thallium	205-1	476.46	475.00	481.78	477.74	0.75	ppb
Tin	118-1	434.64	439.92	436.66	437.07	0.61	ppb
Titanium	47-1	2377.31	2338.99	2364.92	2360.41	0.83	ppb
Uranium	238-1	493.29	496.01	495.64	494.98	0.30	ppb
Vanadium	51-2	500.91	521.12	513.74	511.92	2.00	ppb
Yttrium	89-1				94		%
Yttrium	89-2				75		%
Zinc	66-2	1008.23	1049.36	1022.31	1026.63	2.04	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-02MSD	Instrumnet Name :	P8
Client Sample ID :	KY030LC066-W-1807201	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 16:03:33	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	483.72	479.63	480.42	481.26	0.45	ppb
Zirconium	91-1	471.19	468.73	469.39	469.77	0.27	ppb

LB Number : LB97079 Operator : Jaswal
 Lab Sample ID : J4114-02A Instrumnet Name : P8
 Client Sample ID : KY030LC066-W-180720/ Dilution Factor : 1
 Date & Time Acquired :: 2018-08-02 16:06:45 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9009.73	8926.87	8907.25	8947.95	0.61	ppb
Antimony	121-1	452.65	462.57	469.42	461.54	1.83	ppb
Arsenic	75-2	502.21	496.65	487.14	495.33	1.54	ppb
Barium	135-1	2338.17	2343.29	2387.71	2356.39	1.16	ppb
Barium	137-1	2340.47	2353.70	2393.90	2362.69	1.18	ppb
Beryllium	9-1	274.13	271.83	273.32	273.09	0.43	ppb
Bismuth	209-1				110		%
Bismuth	209-2				86		%
Boron	10-1	401.52	406.68	405.10	404.43	0.65	ppb
Boron	11-1	388.53	395.66	398.71	394.30	1.33	ppb
Cadmium	111-1	433.82	441.18	445.72	440.24	1.36	ppb
Cadmium	106-1	428.38	431.55	440.31	433.41	1.43	ppb
Cadmium	108-1	437.31	430.79	439.22	435.77	1.01	ppb
Calcium	43-1	151449.97	147103.01	152404.16	150319.05	1.88	ppb
Calcium	44-1	148884.34	145518.84	150973.29	148458.82	1.85	ppb
Chromium	52-2	520.37	513.59	513.01	515.66	0.79	ppb
Cobalt	59-2	533.78	530.35	524.25	529.46	0.91	ppb
Copper	63-2	1103.12	1097.37	1097.93	1099.47	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				86		%
Indium	115-1				98		%
Indium	115-2				74		%
Iron	56-2	26386.14	26427.17	26188.07	26333.79	0.49	ppb
Iron	57-2	25976.94	25762.10	25994.39	25911.14	0.50	ppb
Krypton	83-1						cps
Lead	206-1	488.67	492.29	492.94	491.30	0.47	ppb
Lead	207-1	469.67	470.08	481.07	473.61	1.37	ppb
Lead	208-1	478.47	481.55	484.45	481.49	0.62	ppb
Lithium	6-1				148		%
Magnesium	24-2	61546.01	61127.21	60759.45	61144.22	0.64	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-02A	Instrumnet Name :	P8
Client Sample ID :	KY030LC066-W-180720/	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 16:06:45	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1000.41	1001.22	996.30	999.31	0.26	ppb
Molybdenum	94-1	2383.68	2352.84	2399.12	2378.55	0.99	ppb
Molybdenum	95-1	2372.33	2372.62	2402.32	2382.42	0.72	ppb
Molybdenum	96-1	2392.21	2368.90	2398.04	2386.38	0.65	ppb
Molybdenum	97-1	2422.24	2386.66	2444.04	2417.65	1.20	ppb
Molybdenum	98-1	2392.11	2395.81	2417.37	2401.76	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	549.72	541.57	541.06	544.12	0.89	ppb
Phosphorus	31-2	-6.08	-33.00	20.22	-6.29		ppb
Potassium	39-2	25534.18	25296.45	25035.90	25288.84	0.99	ppb
Rhodium	103-1				94		%
Rhodium	103-2				84		%
Scandium	45-1				88		%
Scandium	45-2				75		%
Selenium	77-2	429.95	461.25	527.15	472.78	10.49	ppb
Selenium	78-2	513.35	426.74	445.08	461.72	9.88	ppb
Selenium	82-1	464.68	464.84	467.61	465.71	0.35	ppb
Silicon	28-1	7973.11	7724.02	8004.25	7900.46	1.94	ppb
Silver	109-1	446.13	449.47	454.39	449.99	0.92	ppb
Silver	107-1	445.71	452.37	450.71	449.60	0.77	ppb
Sodium	23-2	99184.10	99004.21	98280.38	98822.90	0.48	ppb
Strontium	86-1	940.77	942.58	950.41	944.59	0.54	ppb
Strontium	88-1	938.09	930.84	950.14	939.69	1.04	ppb
Sulfur	34-1	18664.28	17645.68	19126.02	18478.66	4.10	ppb
Terbium	159-1				110		%
Terbium	159-2				85		%
Thallium	203-1	484.33	476.90	494.94	485.39	1.87	ppb
Thallium	205-1	480.37	472.87	481.33	478.19	0.97	ppb
Tin	118-1	434.44	442.19	445.31	440.65	1.27	ppb
Titanium	47-1	2352.03	2304.58	2397.31	2351.31	1.97	ppb
Uranium	238-1	489.45	490.66	494.63	491.58	0.55	ppb
Vanadium	51-2	511.84	508.40	509.82	510.02	0.34	ppb
Yttrium	89-1				95		%
Yttrium	89-2				76		%
Zinc	66-2	1030.56	1021.57	1033.00	1028.38	0.59	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-02A	Instrumnet Name :	P8
Client Sample ID :	KY030LC066-W-180720/	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 16:06:45	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	476.45	478.25	484.40	479.70	0.87	ppb
Zirconium	91-1	466.06	466.94	475.34	469.45	1.09	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 16:14:33	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50725.83	49718.45	49907.33	50117.20	1.07	ppb
Antimony	121-1	465.30	456.04	473.56	464.97	1.89	ppb
Arsenic	75-2	495.11	491.24	506.58	497.64	1.60	ppb
Barium	135-1	2375.70	2333.39	2424.51	2377.86	1.92	ppb
Barium	137-1	2372.90	2344.54	2418.65	2378.69	1.57	ppb
Beryllium	9-1	480.63	481.89	484.82	482.45	0.45	ppb
Bismuth	209-1				107		%
Bismuth	209-2				93		%
Boron	10-1	486.73	491.17	506.70	494.87	2.12	ppb
Boron	11-1	482.66	492.86	506.41	493.98	2.41	ppb
Cadmium	111-1	455.41	448.24	460.82	454.83	1.39	ppb
Cadmium	106-1	461.08	452.54	458.34	457.32	0.95	ppb
Cadmium	108-1	454.57	458.90	462.62	458.70	0.88	ppb
Calcium	43-1	232287.01	234756.02	235838.30	234293.78	0.78	ppb
Calcium	44-1	233871.86	236487.47	238847.40	236402.24	1.05	ppb
Chromium	52-2	523.17	519.69	517.13	520.00	0.58	ppb
Cobalt	59-2	506.24	497.94	497.22	500.46	1.00	ppb
Copper	63-2	1011.28	990.09	993.38	998.25	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				88		%
Iron	56-2	130045.42	127608.89	127442.57	128365.63	1.14	ppb
Iron	57-2	131122.31	128968.46	127316.63	129135.80	1.48	ppb
Krypton	83-1						cps
Lead	206-1	492.97	500.72	499.38	497.69	0.83	ppb
Lead	207-1	496.99	501.33	502.64	500.32	0.59	ppb
Lead	208-1	497.27	501.17	500.80	499.74	0.43	ppb
Lithium	6-1				102		%
Magnesium	24-2	267460.80	258205.10	262934.95	262866.95	1.76	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 16:14:33	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1021.97	1008.05	1007.10	1012.37	0.82	ppb
Molybdenum	94-1	2452.32	2431.09	2417.82	2433.74	0.71	ppb
Molybdenum	95-1	2458.67	2423.18	2414.43	2432.09	0.96	ppb
Molybdenum	96-1	2455.47	2451.70	2429.37	2445.51	0.58	ppb
Molybdenum	97-1	2482.90	2457.95	2432.05	2457.63	1.03	ppb
Molybdenum	98-1	2459.50	2439.46	2428.20	2442.39	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.77	507.67	514.42	514.29	1.27	ppb
Phosphorus	31-2	9945.21	9506.80	9842.04	9764.68	2.35	ppb
Potassium	39-2	125107.24	121605.35	120981.58	122564.73	1.81	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				100		%
Scandium	45-2				92		%
Selenium	77-2	508.90	530.45	570.23	536.53	5.80	ppb
Selenium	78-2	476.39	483.51	503.48	487.80	2.88	ppb
Selenium	82-1	477.33	475.17	475.32	475.94	0.25	ppb
Silicon	28-1	467.55	472.82	478.76	473.04	1.19	ppb
Silver	109-1	471.76	455.70	466.53	464.66	1.76	ppb
Silver	107-1	464.40	463.43	465.91	464.58	0.27	ppb
Sodium	23-2	252761.09	248375.34	249597.23	250244.55	0.90	ppb
Strontium	86-1	480.43	474.59	475.93	476.99	0.64	ppb
Strontium	88-1	485.70	483.06	483.15	483.97	0.31	ppb
Sulfur	34-1	9453.88	9527.07	9955.24	9645.39	2.81	ppb
Terbium	159-1				112		%
Terbium	159-2				96		%
Thallium	203-1	492.70	501.38	500.99	498.36	0.98	ppb
Thallium	205-1	487.02	500.36	494.17	493.85	1.35	ppb
Tin	118-1	485.78	478.63	484.66	483.02	0.80	ppb
Titanium	47-1	2457.03	2461.29	2453.03	2457.12	0.17	ppb
Uranium	238-1	497.16	499.25	503.80	500.07	0.68	ppb
Vanadium	51-2	514.83	502.82	504.40	507.35	1.29	ppb
Yttrium	89-1				102		%
Yttrium	89-2				91		%
Zinc	66-2	994.75	985.92	981.29	987.32	0.69	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 16:14:33	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	489.38	487.51	489.47	488.79	0.23	ppb
Zirconium	91-1	481.01	481.86	476.26	479.71	0.63	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 16:22:57	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.43	1.20	2.15	0.64	289.14	ppb
Antimony	121-1	0.24	0.23	0.23	0.23	2.49	ppb
Arsenic	75-2	-0.02	0.05	0.07	0.03	135.25	ppb
Barium	135-1	0.02	-0.01	0.02	0.01	131.38	ppb
Barium	137-1	0.06	0.04	0.03	0.04	26.16	ppb
Beryllium	9-1	0.20	0.26	0.24	0.23	14.17	ppb
Bismuth	209-1				111		%
Bismuth	209-2				98		%
Boron	10-1	13.52	14.00	14.50	14.01	3.51	ppb
Boron	11-1	13.34	12.68	12.40	12.81	3.77	ppb
Cadmium	111-1	-0.07	-0.20	-0.23	-0.17		ppb
Cadmium	106-1	-1.46	-3.22	-3.52	-2.74		ppb
Cadmium	108-1	0.01	0.08	0.04	0.04	69.70	ppb
Calcium	43-1	-4.58	-14.79	-1.83	-7.07		ppb
Calcium	44-1	9.63	10.80	10.88	10.44	6.69	ppb
Chromium	52-2	0.09	0.02	0.15	0.09	72.52	ppb
Cobalt	59-2	0.02	0.01	0.00	0.01	149.91	ppb
Copper	63-2	0.72	0.64	0.58	0.64	10.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				96		%
Indium	115-1				104		%
Indium	115-2				91		%
Iron	56-2	1.49	1.68	1.76	1.65	8.45	ppb
Iron	57-2	0.91	2.67	2.80	2.13	49.66	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.04	0.04	11.88	ppb
Lead	207-1	0.03	0.04	0.04	0.03	17.22	ppb
Lead	208-1	0.03	0.04	0.03	0.03	6.43	ppb
Lithium	6-1				102		%
Magnesium	24-2	5.97	6.95	5.94	6.29	9.13	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 16:22:57	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.12	0.01	0.05	130.18	ppb
Molybdenum	94-1	0.29	0.31	0.21	0.27	19.25	ppb
Molybdenum	95-1	0.26	0.28	0.31	0.28	8.51	ppb
Molybdenum	96-1	0.34	0.36	0.29	0.33	9.99	ppb
Molybdenum	97-1	0.35	0.30	0.25	0.30	16.99	ppb
Molybdenum	98-1	0.30	0.26	0.28	0.28	8.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.05	0.07	0.04	110.83	ppb
Phosphorus	31-2	-33.00	-11.22	-33.00	-25.74		ppb
Potassium	39-2	-17.49	1.76	-8.81	-8.18		ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				91		%
Selenium	77-2	-1.82	-1.82	-1.82	-1.82		ppb
Selenium	78-2	-1.15	-0.19	-0.21	-0.52		ppb
Selenium	82-1	-0.42	-0.08	-0.04	-0.18		ppb
Silicon	28-1	-21.36	-20.81	-20.04	-20.73		ppb
Silver	109-1	0.06	0.05	0.06	0.05	15.37	ppb
Silver	107-1	0.05	0.05	0.05	0.05	4.64	ppb
Sodium	23-2	35.36	35.62	35.41	35.46	0.39	ppb
Strontium	86-1	0.08	0.03	-0.03	0.03	197.04	ppb
Strontium	88-1	0.01	0.01	0.02	0.01	13.04	ppb
Sulfur	34-1	-1809.85	-1658.06	-1508.54	-1658.82		ppb
Terbium	159-1				110		%
Terbium	159-2				96		%
Thallium	203-1	0.06	0.06	0.06	0.06	1.05	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	4.06	ppb
Tin	118-1	0.08	0.02	0.02	0.04	81.47	ppb
Titanium	47-1	0.12	0.06	0.11	0.10	32.46	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	13.20	ppb
Vanadium	51-2	0.01	0.01	0.04	0.02	112.62	ppb
Yttrium	89-1				100		%
Yttrium	89-2				90		%
Zinc	66-2	0.24	0.24	0.12	0.20	34.28	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 16:22:57	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.09	0.08	0.09	7.20	ppb
Zirconium	91-1	0.08	0.05	0.12	0.08	37.12	ppb

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:05:57	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18	13	5	12	53.93	cps
Antimony	121-1	33	75	58	56	37.75	cps
Arsenic	75-2	7	4	0	4	100.05	cps
Barium	135-1	33	75	33	47	50.95	cps
Barium	137-1	58	50	25	44	39.04	cps
Beryllium	9-1	39	6	33	26	68.87	cps
Bismuth	209-1	6879511	6812459	7033055	6908342	1.64	cps
Bismuth	209-2	2194704	2167470	2127359	2163178	1.57	cps
Boron	10-1	125	17	75	72	75.07	cps
Boron	11-1	333	367	292	331	11.37	cps
Cadmium	111-1	1576	1533	1669	1593	4.35	cps
Cadmium	106-1	2259	2192	2392	2281	4.47	cps
Cadmium	108-1	13	8	8	10	24.77	cps
Calcium	43-1	1000	717	1017	911	18.51	cps
Calcium	44-1	17395	17904	18438	17912	2.91	cps
Chromium	52-2	450	387	460	432	9.20	cps
Cobalt	59-2	63	47	33	48	31.46	cps
Copper	63-2	317	337	390	348	10.90	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	42	42	36	26.65	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	92	75	67	78	16.37	cps
Gadolinium	160-2	23	10	17	17	39.99	cps
Holmium	165-1	10666294	10649069	10698886	10671416	0.24	cps
Holmium	165-2	2607930	2620096	2558641	2595556	1.25	cps
Indium	115-1	8723115	8680866	8849365	8751115	1.00	cps
Indium	115-2	393934	394835	388205	392325	0.92	cps
Iron	56-2	1272	1233	1095	1200	7.79	cps
Iron	57-2	61	39	50	50	22.22	cps
Krypton	83-1	347	340	367	351	3.95	cps
Lead	206-1	172	133	183	163	16.11	cps
Lead	207-1	106	156	111	124	22.09	cps
Lead	208-1	594	667	661	641	6.27	cps
Lithium	6-1	1763207	1759786	1755353	1759449	0.22	cps
Magnesium	24-2	150	183	133	156	16.37	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:05:57	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	60	43	57	21.21	cps
Molybdenum	94-1	292	233	383	303	24.97	cps
Molybdenum	95-1	33	17	8	19	65.47	cps
Molybdenum	96-1	67	158	100	108	42.83	cps
Molybdenum	97-1	33	83	25	47	66.82	cps
Molybdenum	98-1	50	108	25	61	69.98	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	90	107	107	101	9.52	cps
Phosphorus	31-2	0	25	33	19	89.21	cps
Potassium	39-2	2850	2625	2292	2589	10.85	cps
Rhodium	103-1	8363531	8434472	8426070	8408024	0.46	cps
Rhodium	103-2	2346563	2326694	2317690	2330315	0.63	cps
Scandium	45-1	5572211	5489565	5762575	5608117	2.50	cps
Scandium	45-2	42464	42558	41879	42300	0.87	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	4	4	2	86.60	cps
Selenium	82-1	-3	-3	-12	-6	-84.34	cps
Silicon	28-1	404873	402293	406740	404635	0.55	cps
Silver	109-1	33	50	33	39	24.75	cps
Silver	107-1	92	33	75	67	45.07	cps
Sodium	23-2	4993	4393	4359	4582	7.78	cps
Strontium	86-1	517	583	583	561	6.86	cps
Strontium	88-1	275	175	217	222	22.60	cps
Sulfur	34-1	452420	455375	453560	453785	0.33	cps
Terbium	159-1	10907554	10796096	11118688	10940779	1.50	cps
Terbium	159-2	2489173	2481593	2462765	2477844	0.55	cps
Thallium	203-1	25	8	25	19	49.50	cps
Thallium	205-1	33	58	42	44	28.65	cps
Tin	118-1	2284	2034	2084	2134	6.20	cps
Titanium	47-1	158	42	158	119	56.39	cps
Uranium	238-1	42	33	17	31	41.66	cps
Vanadium	51-2	3	0	7	3	100.05	cps
Yttrium	89-1	9270682	9204942	9448777	9308133	1.36	cps
Yttrium	89-2	288102	287262	283803	286389	0.80	cps
Zinc	66-2	147	143	130	140	6.30	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:05:57	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	858	758	575	731	19.67	cps
Zirconium	91-1	208	158	150	172	18.32	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:13:30	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	123	115	148	128	13.26	cps
Antimony	121-1	15343	15284	15334	15321	0.21	cps
Arsenic	75-2	115	102	91	102	11.76	cps
Barium	135-1	16336	16269	16269	16291	0.24	cps
Barium	137-1	29158	28557	28941	28885	1.05	cps
Beryllium	9-1	1217	1272	1106	1198	7.08	cps
Bismuth	209-1	6835442	7063112	6814507	6904354	2.00	cps
Bismuth	209-2	2206079	2220852	2151805	2192912	1.66	cps
Boron	10-1	3317	3534	3584	3478	4.08	cps
Boron	11-1	16477	17695	16402	16858	4.31	cps
Cadmium	111-1	3194	2978	3270	3147	4.81	cps
Cadmium	106-1	2284	2275	2359	2306	1.99	cps
Cadmium	108-1	138	117	117	124	9.73	cps
Calcium	43-1	9604	9979	10229	9937	3.17	cps
Calcium	44-1	168990	168803	167927	168573	0.34	cps
Chromium	52-2	2027	2254	2124	2135	5.33	cps
Cobalt	59-2	1750	1803	1777	1777	1.50	cps
Copper	63-2	3267	3370	3164	3267	3.16	cps
Dysprosium	156-1	25	33	8	22	57.30	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	50	67	42	53	24.12	cps
Erbium	164-2	0	17	7	8	107.84	cps
Gadolinium	160-1	75	100	67	81	21.53	cps
Gadolinium	160-2	10	10	13	11	17.30	cps
Holmium	165-1	10744457	10813658	10669024	10742379	0.67	cps
Holmium	165-2	2630453	2681296	2626255	2646001	1.16	cps
Indium	115-1	8819130	8879073	8750974	8816392	0.73	cps
Indium	115-2	408479	410710	403245	407478	0.94	cps
Iron	56-2	27895	27539	27272	27568	1.13	cps
Iron	57-2	778	689	711	726	6.37	cps
Krypton	83-1	363	307	440	370	18.09	cps
Lead	206-1	5040	5007	5273	5107	2.85	cps
Lead	207-1	4923	4106	4584	4538	9.04	cps
Lead	208-1	21030	19651	20874	20518	3.68	cps
Lithium	6-1	1794610	1794033	1750420	1779688	1.42	cps
Magnesium	24-2	15167	14775	15209	15050	1.59	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:13:30	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	283	277	290	283	2.35	cps
Molybdenum	94-1	14383	13774	13382	13847	3.64	cps
Molybdenum	95-1	16285	16586	16143	16338	1.38	cps
Molybdenum	96-1	19022	18547	18855	18808	1.28	cps
Molybdenum	97-1	10521	10805	9937	10421	4.24	cps
Molybdenum	98-1	26494	26326	26953	26591	1.22	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	633	603	703	647	7.94	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	10279	10680	10263	10407	2.27	cps
Rhodium	103-1	8435814	8454036	8319866	8403239	0.87	cps
Rhodium	103-2	2378530	2412274	2335770	2375525	1.61	cps
Scandium	45-1	5613085	5868683	5608717	5696828	2.61	cps
Scandium	45-2	44414	43909	43340	43887	1.22	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	22	17	17	19	17.30	cps
Selenium	82-1	486	567	413	489	15.79	cps
Silicon	28-1	472682	477988	469614	473428	0.89	cps
Silver	109-1	7953	7961	8361	8092	2.89	cps
Silver	107-1	8761	8153	8520	8478	3.61	cps
Sodium	23-2	37150	38027	38102	37760	1.40	cps
Strontium	86-1	2842	2717	2725	2762	2.53	cps
Strontium	88-1	19298	18622	18438	18786	2.41	cps
Sulfur	34-1	462098	459642	460616	460785	0.27	cps
Terbium	159-1	11154947	11283756	10993493	11144065	1.31	cps
Terbium	159-2	2525146	2543712	2492169	2520342	1.04	cps
Thallium	203-1	5777	5943	6010	5910	2.03	cps
Thallium	205-1	15477	14209	14859	14848	4.27	cps
Tin	118-1	27980	28206	27429	27872	1.43	cps
Titanium	47-1	5143	4968	4826	4979	3.19	cps
Uranium	238-1	19082	18314	18998	18798	2.24	cps
Vanadium	51-2	3080	2987	2974	3014	1.93	cps
Yttrium	89-1	9328190	9571774	9282240	9394068	1.66	cps
Yttrium	89-2	298958	301173	297614	299248	0.60	cps
Zinc	66-2	347	353	363	354	2.37	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:13:30	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11480	11722	11672	11625	1.10	cps
Zirconium	91-1	2559	2459	2584	2534	2.61	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:17:12	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6333	6541	6378	6417	1.70	cps
Antimony	121-1	410974	413437	417016	413809	0.73	cps
Arsenic	75-2	4957	4862	4808	4876	1.54	cps
Barium	135-1	429667	439995	437331	435664	1.23	cps
Barium	137-1	766402	763393	759666	763154	0.44	cps
Beryllium	9-1	66526	65147	66252	65975	1.11	cps
Bismuth	209-1	6997333	6645843	7132597	6925258	3.63	cps
Bismuth	209-2	2187226	2209800	2196044	2197690	0.52	cps
Boron	10-1	7953	7702	7928	7861	1.75	cps
Boron	11-1	35027	35102	36706	35612	2.66	cps
Cadmium	111-1	93114	92386	92334	92612	0.47	cps
Cadmium	106-1	12273	11581	11505	11786	3.59	cps
Cadmium	108-1	6443	6510	6773	6575	2.65	cps
Calcium	43-1	98923	99325	100442	99563	0.79	cps
Calcium	44-1	1675020	1692848	1693344	1687070	0.62	cps
Chromium	52-2	41532	41565	41896	41664	0.48	cps
Cobalt	59-2	88368	88955	89139	88821	0.45	cps
Copper	63-2	153092	153216	152186	152831	0.37	cps
Dysprosium	156-1	25	8	50	28	75.51	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	42	58	58	53	18.23	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	117	67	67	83	34.64	cps
Gadolinium	160-2	10	10	7	9	21.63	cps
Holmium	165-1	11066269	10319745	10994925	10793646	3.82	cps
Holmium	165-2	2640241	2672755	2639539	2650845	0.72	cps
Indium	115-1	9070946	8429519	9064762	8855076	4.16	cps
Indium	115-2	406407	411037	401568	406338	1.17	cps
Iron	56-2	1381604	1383697	1378303	1381201	0.20	cps
Iron	57-2	34348	34894	34538	34593	0.80	cps
Krypton	83-1	397	340	320	352	11.29	cps
Lead	206-1	260517	259366	257642	259175	0.56	cps
Lead	207-1	232357	234389	235967	234238	0.77	cps
Lead	208-1	1051238	1055460	1054060	1053586	0.20	cps
Lithium	6-1	1840437	1690552	1833542	1788177	4.73	cps
Magnesium	24-2	157783	159358	157824	158322	0.57	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:17:12	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23036	22899	22765	22900	0.59	cps
Molybdenum	94-1	716671	720958	719627	719085	0.31	cps
Molybdenum	95-1	876189	883503	867863	875851	0.89	cps
Molybdenum	96-1	987340	983499	975922	982254	0.59	cps
Molybdenum	97-1	548630	558018	544262	550303	1.28	cps
Molybdenum	98-1	1401347	1422829	1412273	1412150	0.76	cps
Neodymium	150-1	47	33	33	38	20.39	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	26125	26258	26185	26189	0.26	cps
Phosphorus	31-2	392	517	383	431	17.35	cps
Potassium	39-2	43000	41913	42206	42373	1.33	cps
Rhodium	103-1	8564265	7980528	8515663	8353485	3.88	cps
Rhodium	103-2	2351019	2413318	2339687	2368008	1.67	cps
Scandium	45-1	5820101	5398452	5819765	5679440	4.28	cps
Scandium	45-2	44240	44657	43631	44176	1.17	cps
Selenium	77-2	13	17	20	17	20.01	cps
Selenium	78-2	94	133	85	104	24.49	cps
Selenium	82-1	5768	5776	6083	5876	3.05	cps
Silicon	28-1	647992	650277	646695	648321	0.28	cps
Silver	109-1	425985	430519	430135	428880	0.59	cps
Silver	107-1	445854	453269	450841	449988	0.84	cps
Sodium	23-2	355631	357660	358718	357336	0.44	cps
Strontium	86-1	115771	115317	113434	114841	1.08	cps
Strontium	88-1	978914	992542	988305	986587	0.71	cps
Sulfur	34-1	497969	500339	498649	498986	0.24	cps
Terbium	159-1	11474635	10700760	11242941	11139445	3.57	cps
Terbium	159-2	2525419	2557717	2509042	2530726	0.98	cps
Thallium	203-1	315021	318791	321462	318425	1.02	cps
Thallium	205-1	757862	755599	771820	761760	1.15	cps
Tin	118-1	284458	286198	282541	284399	0.64	cps
Titanium	47-1	249918	251723	253071	251571	0.63	cps
Uranium	238-1	988875	999970	997531	995458	0.59	cps
Vanadium	51-2	30700	29895	30136	30244	1.37	cps
Yttrium	89-1	9534298	8934555	9567581	9345478	3.81	cps
Yttrium	89-2	296044	301352	295041	297479	1.14	cps
Zinc	66-2	13817	13900	13437	13718	1.80	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:17:12	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	599309	599018	600403	599577	0.12	cps
Zirconium	91-1	134585	132466	132642	133231	0.88	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:20:54	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15745	15838	16158	15914	1.36	cps
Antimony	121-1	1046554	1046919	1037657	1043710	0.50	cps
Arsenic	75-2	11751	11942	12155	11950	1.69	cps
Barium	135-1	1093868	1086861	1088287	1089672	0.34	cps
Barium	137-1	1912051	1877901	1922421	1904124	1.22	cps
Beryllium	9-1	162988	164120	164275	163795	0.43	cps
Bismuth	209-1	7151359	7118726	6892496	7054194	2.00	cps
Bismuth	209-2	2225553	2230685	2050329	2168856	4.73	cps
Boron	10-1	18638	18571	18972	18727	1.15	cps
Boron	11-1	87986	87231	87367	87528	0.46	cps
Cadmium	111-1	228206	226038	228164	227469	0.55	cps
Cadmium	106-1	27095	26143	26418	26552	1.84	cps
Cadmium	108-1	16510	16690	16669	16623	0.59	cps
Calcium	43-1	250083	246888	250195	249055	0.75	cps
Calcium	44-1	4097143	4074895	4128073	4100037	0.65	cps
Chromium	52-2	102982	103522	102757	103087	0.38	cps
Cobalt	59-2	218840	218215	219429	218828	0.28	cps
Copper	63-2	377202	376692	377746	377213	0.14	cps
Dysprosium	156-1	25	50	33	36	35.25	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	25	58	42	40.00	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	158	75	125	119	35.12	cps
Gadolinium	160-2	17	7	7	10	57.72	cps
Holmium	165-1	11221190	11184260	10888870	11098107	1.64	cps
Holmium	165-2	2705059	2679259	2505950	2630089	4.12	cps
Indium	115-1	9103713	9069298	8806805	8993272	1.81	cps
Indium	115-2	409597	401609	379310	396839	3.96	cps
Iron	56-2	3422561	3426117	3472598	3440425	0.81	cps
Iron	57-2	86870	84521	84745	85379	1.52	cps
Krypton	83-1	360	380	400	380	5.26	cps
Lead	206-1	645184	647479	646441	646368	0.18	cps
Lead	207-1	582916	587472	584549	584979	0.39	cps
Lead	208-1	2641267	2636830	2630330	2636142	0.21	cps
Lithium	6-1	1844546	1823512	1780919	1816326	1.78	cps
Magnesium	24-2	393392	391272	392060	392241	0.27	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:20:54	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	55687	55714	56250	55884	0.57	cps
Molybdenum	94-1	1819886	1814689	1814728	1816434	0.16	cps
Molybdenum	95-1	2210883	2242087	2220023	2224331	0.72	cps
Molybdenum	96-1	2463847	2440000	2461715	2455187	0.54	cps
Molybdenum	97-1	1369193	1365397	1371137	1368576	0.21	cps
Molybdenum	98-1	3485525	3511268	3510573	3502455	0.42	cps
Neodymium	150-1	47	47	27	40	28.87	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	64291	64626	65302	64740	0.80	cps
Phosphorus	31-2	1017	1200	1075	1097	8.54	cps
Potassium	39-2	103723	102178	102162	102687	0.87	cps
Rhodium	103-1	8512584	8593549	8391136	8499090	1.20	cps
Rhodium	103-2	2402103	2390804	2233430	2342112	4.03	cps
Scandium	45-1	5852193	5787570	5655627	5765130	1.74	cps
Scandium	45-2	44313	45126	40797	43412	5.30	cps
Selenium	77-2	73	53	93	73	27.28	cps
Selenium	78-2	294	248	226	256	13.65	cps
Selenium	82-1	14444	14411	14346	14400	0.35	cps
Silicon	28-1	985050	990248	991960	989086	0.36	cps
Silver	109-1	1060378	1065888	1078938	1068401	0.89	cps
Silver	107-1	1123085	1117481	1117673	1119413	0.28	cps
Sodium	23-2	876696	882166	878603	879155	0.32	cps
Strontium	86-1	283968	282950	285808	284242	0.51	cps
Strontium	88-1	2443352	2473340	2482014	2466235	0.82	cps
Sulfur	34-1	544694	541991	542993	543226	0.25	cps
Terbium	159-1	11477344	11562292	11235185	11424941	1.49	cps
Terbium	159-2	2553662	2569027	2376450	2499713	4.28	cps
Thallium	203-1	793331	803721	795797	797616	0.68	cps
Thallium	205-1	1964392	1959496	1937469	1953786	0.73	cps
Tin	118-1	712553	716913	712853	714107	0.34	cps
Titanium	47-1	625399	624560	628123	626027	0.30	cps
Uranium	238-1	2546835	2546734	2521692	2538420	0.57	cps
Vanadium	51-2	76360	75227	74829	75472	1.05	cps
Yttrium	89-1	9550556	9633144	9430245	9537982	1.07	cps
Yttrium	89-2	301151	297210	280290	292883	3.78	cps
Zinc	66-2	32655	33450	33043	33050	1.20	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:20:54	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1512143	1518887	1555425	1528818	1.52	cps
Zirconium	91-1	329723	330873	336631	332409	1.11	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:24:30	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31405	30505	30555	30822	1.64	cps
Antimony	121-1	2085377	2082724	2090839	2086314	0.20	cps
Arsenic	75-2	23320	23383	23281	23328	0.22	cps
Barium	135-1	2202448	2208491	2224933	2211957	0.53	cps
Barium	137-1	3790132	3810926	3797960	3799673	0.28	cps
Beryllium	9-1	326278	328610	327845	327578	0.36	cps
Bismuth	209-1	7228895	7037426	7062857	7109726	1.46	cps
Bismuth	209-2	2143623	2147115	2145340	2145360	0.08	cps
Boron	10-1	35528	36455	37258	36414	2.38	cps
Boron	11-1	172966	171733	177348	174016	1.70	cps
Cadmium	111-1	448846	450471	448701	449339	0.22	cps
Cadmium	106-1	49140	50228	49635	49668	1.10	cps
Cadmium	108-1	32586	32535	31804	32308	1.35	cps
Calcium	43-1	495487	486232	495178	492299	1.07	cps
Calcium	44-1	8054073	8004013	8030912	8029666	0.31	cps
Chromium	52-2	198327	196993	197177	197499	0.37	cps
Cobalt	59-2	427235	426908	422840	425661	0.58	cps
Copper	63-2	728698	730405	727800	728968	0.18	cps
Dysprosium	156-1	42	33	42	39	12.38	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	58	33	33	42	34.65	cps
Erbium	164-2	23	3	7	11	96.43	cps
Gadolinium	160-1	67	75	75	72	6.66	cps
Gadolinium	160-2	13	23	10	16	44.60	cps
Holmium	165-1	11216365	11077480	11145603	11146483	0.62	cps
Holmium	165-2	2631221	2632602	2615086	2626303	0.37	cps
Indium	115-1	8980882	8808387	8906744	8898671	0.97	cps
Indium	115-2	391227	385305	388700	388410	0.77	cps
Iron	56-2	6596766	6632550	6563211	6597509	0.53	cps
Iron	57-2	167859	165960	163991	165937	1.17	cps
Krypton	83-1	327	387	347	353	8.65	cps
Lead	206-1	1290704	1290943	1296243	1292630	0.24	cps
Lead	207-1	1166076	1170542	1173659	1170092	0.33	cps
Lead	208-1	5334884	5313632	5361113	5336543	0.45	cps
Lithium	6-1	1812320	1818864	1825434	1818873	0.36	cps
Magnesium	24-2	768245	767587	761487	765773	0.49	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:24:30	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	110905	109522	109629	110019	0.70	cps
Molybdenum	94-1	3571095	3564816	3588901	3574937	0.35	cps
Molybdenum	95-1	4347253	4293115	4378575	4339648	1.00	cps
Molybdenum	96-1	4872893	4764082	4823887	4820287	1.13	cps
Molybdenum	97-1	2772995	2751997	2781458	2768816	0.55	cps
Molybdenum	98-1	6911215	6925263	6869577	6902018	0.42	cps
Neodymium	150-1	140	120	120	127	9.12	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	124951	126522	124540	125338	0.83	cps
Phosphorus	31-2	2292	1850	2050	2064	10.72	cps
Potassium	39-2	199036	195809	195810	196885	0.95	cps
Rhodium	103-1	8406561	8282682	8273842	8321028	0.89	cps
Rhodium	103-2	2332193	2308455	2295585	2312078	0.80	cps
Scandium	45-1	5799424	5686211	5759820	5748485	1.00	cps
Scandium	45-2	43407	43190	42859	43152	0.64	cps
Selenium	77-2	130	143	143	139	5.55	cps
Selenium	78-2	539	480	574	531	8.99	cps
Selenium	82-1	28870	28434	28845	28716	0.85	cps
Silicon	28-1	1313347	1339388	1327713	1326816	0.98	cps
Silver	109-1	2149333	2121223	2139282	2136613	0.67	cps
Silver	107-1	2242440	2227946	2220409	2230265	0.50	cps
Sodium	23-2	1766360	1752402	1734698	1751153	0.91	cps
Strontium	86-1	552935	555184	559143	555754	0.57	cps
Strontium	88-1	4817111	4739627	4759169	4771969	0.84	cps
Sulfur	34-1	622820	616814	618919	619518	0.49	cps
Terbium	159-1	11731590	11401142	11412848	11515193	1.63	cps
Terbium	159-2	2521419	2473538	2492092	2495683	0.97	cps
Thallium	203-1	1595832	1596674	1602483	1598330	0.23	cps
Thallium	205-1	3897869	3898937	3902341	3899716	0.06	cps
Tin	118-1	1418402	1405386	1437592	1420460	1.14	cps
Titanium	47-1	1262425	1263861	1241521	1255936	1.00	cps
Uranium	238-1	5079092	5048410	5114865	5080789	0.65	cps
Vanadium	51-2	147547	147069	145805	146807	0.61	cps
Yttrium	89-1	9470713	9436455	9386195	9431121	0.45	cps
Yttrium	89-2	291878	287941	288599	289472	0.73	cps
Zinc	66-2	64010	64104	64764	64293	0.64	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:24:30	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3024714	3006329	3046418	3025820	0.66	cps
Zirconium	91-1	652157	653683	667385	657742	1.27	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:28:01	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59664	59945	59722	59777	0.25	cps
Antimony	121-1	4167124	4158599	4211565	4179096	0.68	cps
Arsenic	75-2	45322	45313	45486	45374	0.21	cps
Barium	135-1	4397075	4356262	4388953	4380764	0.49	cps
Barium	137-1	7552908	7537390	7548781	7546360	0.11	cps
Beryllium	9-1	647270	648973	648669	648304	0.14	cps
Bismuth	209-1	7143947	6920808	6640348	6901701	3.66	cps
Bismuth	209-2	2114595	2118821	2056162	2096526	1.67	cps
Boron	10-1	71897	74293	76462	74217	3.08	cps
Boron	11-1	342001	355096	359678	352258	2.60	cps
Cadmium	111-1	899397	887904	899658	895653	0.75	cps
Cadmium	106-1	96310	96376	97636	96774	0.77	cps
Cadmium	108-1	64767	63997	65479	64748	1.14	cps
Calcium	43-1	980662	976270	982139	979690	0.31	cps
Calcium	44-1	16019637	15967286	16010153	15999025	0.17	cps
Chromium	52-2	387050	384872	386166	386029	0.28	cps
Cobalt	59-2	827741	826716	825397	826618	0.14	cps
Copper	63-2	1420134	1412076	1421902	1418037	0.37	cps
Dysprosium	156-1	50	100	83	78	32.74	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	42	58	67	56	22.91	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	92	42	142	92	54.54	cps
Gadolinium	160-2	20	20	17	19	10.18	cps
Holmium	165-1	11269101	11058729	10668464	10998764	2.77	cps
Holmium	165-2	2589319	2568964	2540150	2566145	0.96	cps
Indium	115-1	8893263	8702787	8277870	8624640	3.65	cps
Indium	115-2	378848	372477	368982	373436	1.34	cps
Iron	56-2	12843933	12710826	12824926	12793228	0.56	cps
Iron	57-2	325933	324158	323768	324620	0.36	cps
Krypton	83-1	357	393	343	364	7.11	cps
Lead	206-1	2662300	2658678	2647692	2656223	0.29	cps
Lead	207-1	2404795	2392552	2414905	2404084	0.47	cps
Lead	208-1	10811070	10787277	10840014	10812787	0.24	cps
Lithium	6-1	1858854	1828589	1727598	1805014	3.81	cps
Magnesium	24-2	1528511	1520336	1522781	1523876	0.28	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:28:01	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	215496	211618	212821	213311	0.93	cps
Molybdenum	94-1	7144168	7046956	7087917	7093013	0.69	cps
Molybdenum	95-1	8610892	8614706	8661365	8628988	0.33	cps
Molybdenum	96-1	9705357	9526337	9634280	9621992	0.94	cps
Molybdenum	97-1	5504033	5462833	5479630	5482165	0.38	cps
Molybdenum	98-1	13926484	13730914	13964527	13873975	0.90	cps
Neodymium	150-1	240	167	187	198	19.17	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	244117	243709	242813	243546	0.27	cps
Phosphorus	31-2	3942	4193	4468	4201	6.25	cps
Potassium	39-2	377847	375725	374902	376158	0.40	cps
Rhodium	103-1	8276305	8063956	7754852	8031705	3.26	cps
Rhodium	103-2	2277400	2269601	2226117	2257706	1.22	cps
Scandium	45-1	5760294	5602608	5293992	5552298	4.27	cps
Scandium	45-2	43032	42063	41338	42144	2.02	cps
Selenium	77-2	287	277	300	288	4.07	cps
Selenium	78-2	1019	1019	1024	1020	0.31	cps
Selenium	82-1	56068	57290	57561	56973	1.40	cps
Silicon	28-1	2212735	2179865	2179577	2190726	0.87	cps
Silver	109-1	4250122	4176969	4193801	4206964	0.91	cps
Silver	107-1	4410048	4367375	4440839	4406088	0.84	cps
Sodium	23-2	3347455	3355856	3374958	3359423	0.42	cps
Strontium	86-1	1113545	1106014	1115111	1111557	0.44	cps
Strontium	88-1	9535969	9421998	9530323	9496097	0.68	cps
Sulfur	34-1	765985	760608	759690	762094	0.45	cps
Terbium	159-1	11715729	11417373	10991208	11374770	3.20	cps
Terbium	159-2	2481188	2417251	2394962	2431134	1.84	cps
Thallium	203-1	3275076	3294016	3307891	3292328	0.50	cps
Thallium	205-1	7724844	7716294	7838078	7759739	0.88	cps
Tin	118-1	2863443	2871143	2859710	2864765	0.20	cps
Titanium	47-1	2498346	2490574	2509371	2499430	0.38	cps
Uranium	238-1	10285642	10191994	10297921	10258519	0.56	cps
Vanadium	51-2	290221	287395	286663	288093	0.65	cps
Yttrium	89-1	9485613	9182833	8821842	9163429	3.63	cps
Yttrium	89-2	284786	278992	274793	279524	1.80	cps
Zinc	66-2	125915	125916	127607	126479	0.77	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:28:01	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5969512	5916373	5975731	5953872	0.55	cps
Zirconium	91-1	1325131	1322618	1327597	1325115	0.19	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:31:27	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	120834	120632	119106	120191	0.79	cps
Antimony	121-1	8435208	8479425	8422799	8445810	0.35	cps
Arsenic	75-2	91487	90028	91131	90882	0.84	cps
Barium	135-1	8877048	8913170	8977174	8922464	0.57	cps
Barium	137-1	15305881	15391119	15450650	15382550	0.47	cps
Beryllium	9-1	1289310	1325445	1301179	1305311	1.41	cps
Bismuth	209-1	7173328	7130854	7185341	7163174	0.40	cps
Bismuth	209-2	2073610	2071825	2084216	2076550	0.32	cps
Boron	10-1	149361	151375	154000	151579	1.53	cps
Boron	11-1	713036	714544	729047	718875	1.23	cps
Cadmium	111-1	1797697	1818441	1824531	1813556	0.78	cps
Cadmium	106-1	192987	193892	193072	193317	0.26	cps
Cadmium	108-1	129570	130507	128611	129562	0.73	cps
Calcium	43-1	1997257	1984500	2002708	1994822	0.47	cps
Calcium	44-1	32190882	32177980	31987767	32118876	0.35	cps
Chromium	52-2	771554	766751	769666	769324	0.31	cps
Cobalt	59-2	1683206	1671239	1649678	1668041	1.02	cps
Copper	63-2	2811328	2792156	2836067	2813184	0.78	cps
Dysprosium	156-1	92	158	117	122	27.56	cps
Dysprosium	156-2	30	3	13	16	86.63	cps
Erbium	164-1	67	100	92	86	20.15	cps
Erbium	164-2	23	10	10	14	53.28	cps
Gadolinium	160-1	92	108	150	117	25.76	cps
Gadolinium	160-2	30	37	27	31	16.37	cps
Holmium	165-1	11316275	11326398	11306954	11316542	0.09	cps
Holmium	165-2	2535826	2539934	2543899	2539886	0.16	cps
Indium	115-1	8709155	8672088	8731558	8704267	0.35	cps
Indium	115-2	362635	360332	363044	362004	0.40	cps
Iron	56-2	25737981	25415110	25745476	25632855	0.74	cps
Iron	57-2	644846	643179	646534	644853	0.26	cps
Krypton	83-1	410	343	367	373	9.06	cps
Lead	206-1	5381643	5432612	5443931	5419395	0.61	cps
Lead	207-1	4944049	4898339	4895224	4912537	0.56	cps
Lead	208-1	21913712	22113411	22078569	22035231	0.48	cps
Lithium	6-1	1819020	1823337	1815339	1819232	0.22	cps
Magnesium	24-2	3001348	3024926	2998469	3008248	0.48	cps

LB Number : LB97079 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-02 14:31:27 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	427348	425619	425269	426079	0.26	cps
Molybdenum	94-1	14500840	14402462	14270871	14391391	0.80	cps
Molybdenum	95-1	17524607	17609712	17481951	17538757	0.37	cps
Molybdenum	96-1	19520908	19392711	19362892	19425504	0.43	cps
Molybdenum	97-1	11042854	11009221	10943707	10998594	0.46	cps
Molybdenum	98-1	28216167	28138471	27941285	28098641	0.50	cps
Neodymium	150-1	333	373	400	369	9.10	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	481122	477485	483940	480849	0.67	cps
Phosphorus	31-2	8661	8111	7769	8181	5.50	cps
Potassium	39-2	742005	735730	738912	738882	0.42	cps
Rhodium	103-1	8049158	8022075	8066576	8045936	0.28	cps
Rhodium	103-2	2206780	2202452	2237429	2215554	0.86	cps
Scandium	45-1	5593502	5566364	5568707	5576191	0.27	cps
Scandium	45-2	40836	42360	41244	41480	1.90	cps
Selenium	77-2	583	607	600	597	2.01	cps
Selenium	78-2	2087	2074	2159	2107	2.18	cps
Selenium	82-1	113705	113821	113366	113631	0.21	cps
Silicon	28-1	3803568	3738545	3724234	3755449	1.13	cps
Silver	109-1	8376165	8336566	8360620	8357784	0.24	cps
Silver	107-1	8745668	8757472	8715534	8739558	0.25	cps
Sodium	23-2	6747562	6666225	6667534	6693774	0.70	cps
Strontium	86-1	2270801	2247477	2260339	2259539	0.52	cps
Strontium	88-1	19433845	19421780	19219116	19358247	0.62	cps
Sulfur	34-1	922995	898759	898959	906905	1.54	cps
Terbium	159-1	11543179	11815515	11646892	11668529	1.18	cps
Terbium	159-2	2422983	2416932	2402149	2414021	0.44	cps
Thallium	203-1	6607053	6675737	6679792	6654194	0.61	cps
Thallium	205-1	15830766	16111690	16023559	15988672	0.90	cps
Tin	118-1	5722510	5710541	5773774	5735608	0.59	cps
Titanium	47-1	4952494	4927704	4906975	4929058	0.46	cps
Uranium	238-1	21288779	21414130	21521414	21408107	0.54	cps
Vanadium	51-2	572784	573712	575079	573858	0.20	cps
Yttrium	89-1	9291393	9262755	9248544	9267564	0.24	cps
Yttrium	89-2	276426	273908	276785	275706	0.57	cps
Zinc	66-2	245532	244474	248894	246300	0.94	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:31:27	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12143759	12022055	11932057	12032624	0.88	cps
Zirconium	91-1	2731052	2731052	2697759	2719954	0.71	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:34:49	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	608033	609898	614948	610960	0.59	cps
Antimony	121-1	22904	21969	20316	21730	6.03	cps
Arsenic	75-2	156	124	167	149	14.85	cps
Barium	135-1	1859	1742	1433	1678	13.09	cps
Barium	137-1	3142	2917	2409	2823	13.31	cps
Beryllium	9-1	717	744	600	687	11.16	cps
Bismuth	209-1	6528343	6615463	6520245	6554684	0.81	cps
Bismuth	209-2	1942802	1950239	1963819	1952287	0.55	cps
Boron	10-1	7527	7827	6719	7358	7.80	cps
Boron	11-1	36447	33014	31369	33610	7.71	cps
Cadmium	111-1	1856	2092	2017	1989	6.05	cps
Cadmium	106-1	1784	2425	2425	2211	16.76	cps
Cadmium	108-1	54	50	79	61	25.81	cps
Calcium	43-1	9783268	9735385	9702920	9740524	0.41	cps
Calcium	44-1	159466699	160574724	158999883	159680436	0.51	cps
Chromium	52-2	27868	28372	28553	28264	1.26	cps
Cobalt	59-2	19761	19975	19694	19810	0.74	cps
Copper	63-2	6728	6969	6532	6743	3.24	cps
Dysprosium	156-1	75	125	125	108	26.65	cps
Dysprosium	156-2	10	10	27	16	61.87	cps
Erbium	164-1	75	8	67	50	72.65	cps
Erbium	164-2	10	0	3	4	114.60	cps
Gadolinium	160-1	142	142	92	125	23.09	cps
Gadolinium	160-2	40	17	17	24	55.10	cps
Holmium	165-1	10976943	10974459	10935319	10962241	0.21	cps
Holmium	165-2	2541750	2556526	2544244	2547506	0.31	cps
Indium	115-1	8429439	8438456	8340473	8402789	0.64	cps
Indium	115-2	362518	369498	370599	367538	1.19	cps
Iron	56-2	124125481	125737286	125056283	124973017	0.65	cps
Iron	57-2	3172201	3179694	3210978	3187625	0.65	cps
Krypton	83-1	313	380	347	347	9.62	cps
Lead	206-1	32860	32994	32899	32917	0.21	cps
Lead	207-1	27764	27597	27258	27540	0.94	cps
Lead	208-1	128829	129165	126569	128187	1.10	cps
Lithium	6-1	1802517	1806348	1830095	1812987	0.82	cps
Magnesium	24-2	14493624	14726405	14767183	14662404	1.01	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:34:49	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2054	2030	2164	2082	3.42	cps
Molybdenum	94-1	18338	17512	17512	17787	2.68	cps
Molybdenum	95-1	30369	29057	28564	29330	3.18	cps
Molybdenum	96-1	33184	32682	32841	32902	0.78	cps
Molybdenum	97-1	18472	18221	17796	18163	1.88	cps
Molybdenum	98-1	49282	47451	45302	47345	4.21	cps
Neodymium	150-1	73	107	120	100	24.03	cps
Neodymium	150-2	20	3	13	12	68.66	cps
Nickel	60-2	14821	15065	14601	14829	1.56	cps
Phosphorus	31-2	8	25	17	17	50.01	cps
Potassium	39-2	3778139	3802489	3796237	3792288	0.33	cps
Rhodium	103-1	7645855	7621830	7627257	7631647	0.17	cps
Rhodium	103-2	2106533	2109953	2132301	2116262	0.66	cps
Scandium	45-1	5460000	5532756	5471992	5488249	0.71	cps
Scandium	45-2	41237	41220	42223	41560	1.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	114	51	85	83	37.82	cps
Silicon	28-1	728970	741562	746516	739016	1.22	cps
Silver	109-1	1033	1033	875	981	9.32	cps
Silver	107-1	1100	950	867	972	12.16	cps
Sodium	23-2	33264224	33135325	33356398	33251982	0.33	cps
Strontium	86-1	11347	11255	11389	11330	0.60	cps
Strontium	88-1	92319	92932	92034	92429	0.50	cps
Sulfur	34-1	437595	433075	444258	438309	1.28	cps
Terbium	159-1	11298180	11282603	11278752	11286512	0.09	cps
Terbium	159-2	2417405	2414800	2452135	2428113	0.86	cps
Thallium	203-1	4026	3984	3692	3901	4.66	cps
Thallium	205-1	9662	9329	8912	9301	4.04	cps
Tin	118-1	14942	14033	13791	14255	4.26	cps
Titanium	47-1	2975	2767	2392	2711	10.91	cps
Uranium	238-1	2200	1734	1609	1847	16.88	cps
Vanadium	51-2	257	197	243	232	13.57	cps
Yttrium	89-1	9064579	9052169	9026887	9047878	0.21	cps
Yttrium	89-2	276156	281319	283176	280217	1.30	cps
Zinc	66-2	1857	1740	1970	1856	6.20	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:34:49	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3867	3617	3517	3667	4.92	cps
Zirconium	91-1	833	800	667	767	11.50	cps

LB Number : LB97079 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-02 14:46:35 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3266	3144	2961	3124	4.92	cps
Antimony	121-1	1584935	1617143	1595000	1599026	1.03	cps
Arsenic	75-2	17882	17554	17589	17675	1.02	cps
Barium	135-1	168045	165734	168004	167261	0.79	cps
Barium	137-1	292504	293374	294265	293381	0.30	cps
Beryllium	9-1	124876	126041	124025	124981	0.81	cps
Bismuth	209-1	7104262	7226177	6987935	7106124	1.68	cps
Bismuth	209-2	2179265	2229865	2152512	2187214	1.80	cps
Boron	10-1	76143	76923	79035	77367	1.93	cps
Boron	11-1	358475	373727	378703	370302	2.85	cps
Cadmium	111-1	179417	181465	182803	181228	0.94	cps
Cadmium	106-1	31129	31129	31655	31304	0.97	cps
Cadmium	108-1	16969	16698	16481	16716	1.46	cps
Calcium	43-1	42524	42031	42173	42242	0.60	cps
Calcium	44-1	671511	667280	674150	670980	0.52	cps
Chromium	52-2	75264	74098	75227	74863	0.89	cps
Cobalt	59-2	165989	164113	163102	164401	0.89	cps
Copper	63-2	144324	140576	143189	142696	1.35	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	100	58	67	75	29.40	cps
Erbium	164-2	20	17	20	19	10.18	cps
Gadolinium	160-1	25	67	92	61	55.11	cps
Gadolinium	160-2	30	17	7	18	65.83	cps
Holmium	165-1	11065752	11296392	10880407	11080851	1.88	cps
Holmium	165-2	2598227	2632591	2555847	2595555	1.48	cps
Indium	115-1	8786994	9148158	8711096	8882083	2.63	cps
Indium	115-2	388483	388771	381474	386243	1.07	cps
Iron	56-2	513706	510588	512484	512259	0.31	cps
Iron	57-2	13179	12823	12723	12908	1.86	cps
Krypton	83-1	353	290	377	340	13.19	cps
Lead	206-1	1029037	1023984	1028261	1027094	0.26	cps
Lead	207-1	890729	892153	893370	892084	0.15	cps
Lead	208-1	4166243	4150650	4150374	4155756	0.22	cps
Lithium	6-1	1834139	1876317	1830355	1846937	1.38	cps
Magnesium	24-2	36531	34568	35546	35548	2.76	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:46:35	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	21520	20479	20338	20779	3.11	cps
Molybdenum	94-1	3100921	3046561	3085583	3077688	0.91	cps
Molybdenum	95-1	1807950	1805740	1802329	1805340	0.16	cps
Molybdenum	96-1	2266685	2288222	2263921	2272943	0.59	cps
Molybdenum	97-1	1109470	1109632	1110115	1109739	0.03	cps
Molybdenum	98-1	2875329	2856158	2842954	2858147	0.57	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	49006	48294	49270	48857	1.03	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	31937	32313	31820	32023	0.80	cps
Rhodium	103-1	8401447	8500687	8338245	8413460	0.97	cps
Rhodium	103-2	2328201	2379531	2316045	2341259	1.44	cps
Scandium	45-1	5650130	5848419	5612214	5703588	2.22	cps
Scandium	45-2	42615	44410	43103	43376	2.14	cps
Selenium	77-2	153	77	150	127	34.21	cps
Selenium	78-2	407	422	474	435	8.06	cps
Selenium	82-1	21903	22571	22249	22241	1.50	cps
Silicon	28-1	388402	388108	392932	389814	0.69	cps
Silver	109-1	817267	820008	812512	816596	0.46	cps
Silver	107-1	855118	850663	850974	852252	0.29	cps
Sodium	23-2	142364	140016	138283	140221	1.46	cps
Strontium	86-1	1038152	1037890	1032417	1036153	0.31	cps
Strontium	88-1	8934718	8915478	8860937	8903711	0.43	cps
Sulfur	34-1	446673	444927	445935	445845	0.20	cps
Terbium	159-1	11422670	11616422	11231029	11423374	1.69	cps
Terbium	159-2	2469001	2488125	2448726	2468617	0.80	cps
Thallium	203-1	1284298	1285402	1288055	1285918	0.15	cps
Thallium	205-1	3151498	3168528	3109262	3143096	0.97	cps
Tin	118-1	2690217	2730124	2661754	2694032	1.27	cps
Titanium	47-1	461554	459329	463964	461616	0.50	cps
Uranium	238-1	9571064	9456871	9367608	9465181	1.08	cps
Vanadium	51-2	55914	55915	56406	56079	0.51	cps
Yttrium	89-1	9297751	9465517	9265658	9342975	1.15	cps
Yttrium	89-2	285937	290458	282157	286184	1.45	cps
Zinc	66-2	24996	24772	25073	24947	0.63	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:46:35	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5589292	5590611	5534416	5571439	0.58	cps
Zirconium	91-1	1241432	1222418	1234669	1232840	0.78	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:57:31	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	123	175	155	151	17.57	cps
Antimony	121-1	17337	18230	17963	17843	2.57	cps
Arsenic	75-2	70	94	109	91	21.48	cps
Barium	135-1	17404	17295	17287	17329	0.38	cps
Barium	137-1	29885	31246	30829	30653	2.27	cps
Beryllium	9-1	1495	1483	1378	1452	4.44	cps
Bismuth	209-1	6325976	7007511	7084767	6806085	6.14	cps
Bismuth	209-2	2186482	2182438	2185287	2184736	0.10	cps
Boron	10-1	5184	4993	4693	4957	5.00	cps
Boron	11-1	22936	23562	24380	23626	3.06	cps
Cadmium	111-1	3046	3234	3059	3113	3.37	cps
Cadmium	106-1	2084	2250	2034	2122	5.35	cps
Cadmium	108-1	167	125	146	146	14.29	cps
Calcium	43-1	10012	10371	10446	10276	2.26	cps
Calcium	44-1	174795	176075	172692	174521	0.98	cps
Chromium	52-2	1970	2004	1997	1990	0.89	cps
Cobalt	59-2	1670	1777	1743	1730	3.15	cps
Copper	63-2	3507	3267	3464	3413	3.75	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	42	75	58	58	28.57	cps
Erbium	164-2	3	0	13	6	124.93	cps
Gadolinium	160-1	75	100	0	58	89.21	cps
Gadolinium	160-2	7	10	17	11	45.82	cps
Holmium	165-1	9779834	10806359	10928845	10505013	6.01	cps
Holmium	165-2	2596401	2591379	2619451	2602411	0.58	cps
Indium	115-1	7943503	8911942	8869074	8574840	6.38	cps
Indium	115-2	387835	390401	393153	390463	0.68	cps
Iron	56-2	28691	28001	27934	28209	1.49	cps
Iron	57-2	756	706	767	743	4.38	cps
Krypton	83-1	323	350	383	352	8.54	cps
Lead	206-1	5440	5618	5457	5505	1.78	cps
Lead	207-1	5290	4873	4940	5034	4.45	cps
Lead	208-1	22614	23031	22475	22707	1.27	cps
Lithium	6-1	1636202	1824122	1805283	1755202	5.90	cps
Magnesium	24-2	14725	14992	15017	14911	1.09	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:57:31	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	253	250	273	259	4.87	cps
Molybdenum	94-1	17579	17020	16402	17000	3.46	cps
Molybdenum	95-1	17787	17295	17612	17565	1.42	cps
Molybdenum	96-1	21017	20141	19281	20146	4.31	cps
Molybdenum	97-1	11747	11088	11130	11322	3.26	cps
Molybdenum	98-1	27721	27395	28631	27916	2.29	cps
Neodymium	150-1	27	13	20	20	33.35	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	660	580	690	643	8.84	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	10404	9695	10121	10073	3.54	cps
Rhodium	103-1	7447199	8265691	8444769	8052553	6.60	cps
Rhodium	103-2	2342295	2380808	2370823	2364642	0.85	cps
Scandium	45-1	5051102	5712738	5688839	5484226	6.84	cps
Scandium	45-2	42578	43086	43217	42960	0.79	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	13	19	7	13	42.85	cps
Selenium	82-1	616	525	452	531	15.44	cps
Silicon	28-1	439986	444875	439413	441425	0.68	cps
Silver	109-1	9037	8378	8870	8762	3.91	cps
Silver	107-1	8928	9104	9529	9187	3.36	cps
Sodium	23-2	41971	42122	42916	42336	1.20	cps
Strontium	86-1	2784	2834	2784	2800	1.03	cps
Strontium	88-1	20775	20599	19056	20143	4.70	cps
Sulfur	34-1	447296	449087	448752	448378	0.21	cps
Terbium	159-1	10224121	11121072	11443513	10929569	5.78	cps
Terbium	159-2	2464080	2479607	2486832	2476840	0.47	cps
Thallium	203-1	7111	6669	6669	6816	3.74	cps
Thallium	205-1	16161	17029	17321	16837	3.58	cps
Tin	118-1	32290	33729	32006	32675	2.83	cps
Titanium	47-1	5051	5393	5110	5185	3.53	cps
Uranium	238-1	19608	20493	19775	19959	2.36	cps
Vanadium	51-2	3030	2854	2780	2888	4.45	cps
Yttrium	89-1	8293085	9276621	9313831	8961179	6.46	cps
Yttrium	89-2	286067	285300	288321	286563	0.55	cps
Zinc	66-2	503	457	390	450	12.66	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 14:57:31	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	20299	19415	18997	19570	3.40	cps
Zirconium	91-1	4601	4226	3934	4254	7.86	cps

LB Number : LB97079 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-02 15:09:16 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	28	18	23	22.24	cps
Antimony	121-1	533	642	683	619	12.50	cps
Arsenic	75-2	4	2	0	2	100.00	cps
Barium	135-1	58	42	8	36	70.51	cps
Barium	137-1	108	50	75	78	37.63	cps
Beryllium	9-1	156	106	100	120	25.42	cps
Bismuth	209-1	6982033	7200990	7143866	7108963	1.60	cps
Bismuth	209-2	2105183	2186956	2170947	2154362	2.01	cps
Boron	10-1	1058	967	958	995	5.58	cps
Boron	11-1	4418	4851	4409	4559	5.54	cps
Cadmium	111-1	1441	1562	1491	1498	4.05	cps
Cadmium	106-1	2025	2242	2117	2128	5.11	cps
Cadmium	108-1	8	17	4	10	65.47	cps
Calcium	43-1	592	700	733	675	10.97	cps
Calcium	44-1	17695	17495	16761	17317	2.84	cps
Chromium	52-2	397	457	407	420	7.65	cps
Cobalt	59-2	67	60	50	59	14.25	cps
Copper	63-2	450	387	367	401	10.85	cps
Dysprosium	156-1	42	8	17	22	78.07	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	42	33	31	41.66	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	58	50	67	58	14.29	cps
Gadolinium	160-2	7	23	7	12	78.69	cps
Holmium	165-1	10808459	11079634	11204571	11030888	1.84	cps
Holmium	165-2	2578462	2578551	2607225	2588079	0.64	cps
Indium	115-1	8774116	9019681	8950281	8914692	1.42	cps
Indium	115-2	383960	391494	394472	389975	1.39	cps
Iron	56-2	1317	1233	1311	1287	3.62	cps
Iron	57-2	56	33	50	46	24.99	cps
Krypton	83-1	403	363	403	390	5.92	cps
Lead	206-1	256	261	261	259	1.24	cps
Lead	207-1	200	167	239	202	17.91	cps
Lead	208-1	1006	944	1045	998	5.05	cps
Lithium	6-1	1810444	1837359	1805783	1817862	0.94	cps
Magnesium	24-2	342	325	292	319	7.97	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:09:16	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	23	20	33	60.84	cps
Molybdenum	94-1	625	700	592	639	8.69	cps
Molybdenum	95-1	258	208	208	225	12.83	cps
Molybdenum	96-1	433	333	400	389	13.09	cps
Molybdenum	97-1	183	217	183	194	9.90	cps
Molybdenum	98-1	400	325	417	381	12.83	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	90	103	93	9.45	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	2417	2700	3100	2739	12.54	cps
Rhodium	103-1	8269897	8570162	8578093	8472717	2.07	cps
Rhodium	103-2	2331331	2368478	2366587	2355465	0.89	cps
Scandium	45-1	5553665	5828182	5724661	5702169	2.43	cps
Scandium	45-2	42357	43267	43270	42965	1.22	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	-60	-46	-65	-57	-17.28	cps
Silicon	28-1	376949	372395	371800	373715	0.75	cps
Silver	109-1	83	83	58	75	19.24	cps
Silver	107-1	50	75	108	78	37.63	cps
Sodium	23-2	7769	7336	7402	7502	3.11	cps
Strontium	86-1	600	658	600	619	5.44	cps
Strontium	88-1	225	225	158	203	18.98	cps
Sulfur	34-1	460860	457209	459340	459136	0.40	cps
Terbium	159-1	11178857	11471078	11514461	11388132	1.60	cps
Terbium	159-2	2428726	2497462	2462217	2462802	1.40	cps
Thallium	203-1	392	283	183	286	36.42	cps
Thallium	205-1	625	775	533	644	18.93	cps
Tin	118-1	1158	1425	1225	1270	10.93	cps
Titanium	47-1	158	200	175	178	11.80	cps
Uranium	238-1	58	83	17	53	63.81	cps
Vanadium	51-2	3	7	3	4	43.40	cps
Yttrium	89-1	9196582	9383302	9457250	9345711	1.44	cps
Yttrium	89-2	285671	287409	289397	287492	0.65	cps
Zinc	66-2	67	80	90	79	14.84	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:09:16	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1358	1275	1667	1433	14.40	cps
Zirconium	91-1	375	300	358	344	11.43	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:12:37	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	556788	546626	543040	548818	1.30	cps
Antimony	121-1	9746	9621	9721	9696	0.68	cps
Arsenic	75-2	26	28	41	31	25.63	cps
Barium	135-1	2500	2550	2692	2581	3.85	cps
Barium	137-1	4501	4459	4451	4470	0.60	cps
Beryllium	9-1	483	500	444	476	5.99	cps
Bismuth	209-1	7031129	6617148	7155274	6934517	4.06	cps
Bismuth	209-2	2038380	2055489	2092226	2062032	1.33	cps
Boron	10-1	1075	1292	1300	1222	10.44	cps
Boron	11-1	5901	5618	5926	5815	2.95	cps
Cadmium	111-1	2154	2052	2224	2143	4.04	cps
Cadmium	106-1	2142	1992	2325	2153	7.76	cps
Cadmium	108-1	1279	1233	1238	1250	2.03	cps
Calcium	43-1	1921648	1946212	1958334	1942065	0.96	cps
Calcium	44-1	31263884	31387397	30866629	31172636	0.87	cps
Chromium	52-2	14855	15465	15255	15192	2.04	cps
Cobalt	59-2	1747	2000	1944	1897	7.01	cps
Copper	63-2	11128	11125	10801	11018	1.70	cps
Dysprosium	156-1	0	25	17	14	91.65	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	58	92	92	81	23.89	cps
Erbium	164-2	13	0	7	7	99.98	cps
Gadolinium	160-1	117	92	50	86	39.11	cps
Gadolinium	160-2	7	27	17	17	59.99	cps
Holmium	165-1	11326365	10600428	11429089	11118627	4.06	cps
Holmium	165-2	2558798	2578084	2604819	2580567	0.90	cps
Indium	115-1	8879967	8316593	8930501	8709020	3.91	cps
Indium	115-2	366366	369442	373429	369745	0.96	cps
Iron	56-2	50412265	49839033	49302294	49851197	1.11	cps
Iron	57-2	1263206	1243187	1244731	1250375	0.89	cps
Krypton	83-1	360	447	367	391	12.33	cps
Lead	206-1	24997	24519	24413	24643	1.26	cps
Lead	207-1	19888	20038	19015	19647	2.81	cps
Lead	208-1	92771	93424	91464	92553	1.08	cps
Lithium	6-1	1765877	1680535	1778296	1741569	3.06	cps
Magnesium	24-2	2893605	2857551	2862457	2871204	0.68	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:12:37	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1660	1647	1607	1638	1.70	cps
Molybdenum	94-1	3850536	3903398	3866325	3873420	0.70	cps
Molybdenum	95-1	6669494	6791861	6654277	6705211	1.12	cps
Molybdenum	96-1	7123371	7169002	7139025	7143799	0.32	cps
Molybdenum	97-1	4216777	4263692	4268790	4249753	0.67	cps
Molybdenum	98-1	10640161	10718184	10702022	10686789	0.39	cps
Neodymium	150-1	20	60	33	38	53.92	cps
Neodymium	150-2	0	13	7	7	99.98	cps
Nickel	60-2	2567	2594	2717	2626	3.05	cps
Phosphorus	31-2	39498	40342	38963	39601	1.76	cps
Potassium	39-2	1494870	1486507	1460985	1480787	1.19	cps
Rhodium	103-1	8177755	7710967	8206475	8031732	3.46	cps
Rhodium	103-2	2218965	2225638	2268792	2237799	1.21	cps
Scandium	45-1	5720465	5355040	5751213	5608906	3.93	cps
Scandium	45-2	41381	41508	42859	41916	1.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	-32	-71	-4	-36	-95.61	cps
Silicon	28-1	513534	517869	516417	515940	0.43	cps
Silver	109-1	283	533	642	486	37.81	cps
Silver	107-1	558	458	525	514	9.91	cps
Sodium	23-2	6650394	6626245	6543494	6606711	0.85	cps
Strontium	86-1	74587	73263	74403	74084	0.97	cps
Strontium	88-1	639081	635665	644317	639687	0.68	cps
Sulfur	34-1	2660034	2644621	2653885	2652847	0.29	cps
Terbium	159-1	11667811	10913472	11749234	11443506	4.03	cps
Terbium	159-2	2405645	2423750	2460716	2430037	1.16	cps
Thallium	203-1	600	658	658	639	5.27	cps
Thallium	205-1	1484	1634	1825	1647	10.40	cps
Tin	118-1	2242	2425	2059	2242	8.18	cps
Titanium	47-1	1985879	1957054	1957156	1966696	0.84	cps
Uranium	238-1	475	367	400	414	13.41	cps
Vanadium	51-2	60	123	80	88	36.89	cps
Yttrium	89-1	9378607	8759684	9479530	9205941	4.23	cps
Yttrium	89-2	274180	276859	281347	277462	1.31	cps
Zinc	66-2	1363	1450	1380	1398	3.29	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:12:37	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8461	7936	6518	7639	13.16	cps
Zirconium	91-1	2184	1650	1458	1764	21.30	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:15:53	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	526035	525278	521279	524197	0.49	cps
Antimony	121-1	168341	170002	164687	167677	1.62	cps
Arsenic	75-2	1676	1637	1730	1681	2.77	cps
Barium	135-1	37412	37521	35265	36732	3.46	cps
Barium	137-1	65597	64357	61301	63752	3.47	cps
Beryllium	9-1	24939	25918	24588	25148	2.74	cps
Bismuth	209-1	7098279	6879043	6728572	6901965	2.69	cps
Bismuth	209-2	1994769	1959778	1960435	1971661	1.02	cps
Boron	10-1	8670	8903	8269	8614	3.72	cps
Boron	11-1	38394	39513	39096	39001	1.45	cps
Cadmium	111-1	36664	36237	35480	36127	1.66	cps
Cadmium	106-1	6627	6393	6193	6405	3.39	cps
Cadmium	108-1	4059	3826	3842	3909	3.33	cps
Calcium	43-1	1912942	1934625	1850675	1899414	2.29	cps
Calcium	44-1	30946636	31160622	29787195	30631484	2.41	cps
Chromium	52-2	28399	28923	29070	28798	1.23	cps
Cobalt	59-2	33507	32953	33537	33332	0.99	cps
Copper	63-2	37036	37227	37167	37143	0.26	cps
Dysprosium	156-1	67	33	50	50	33.34	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	25	100	67	64	58.82	cps
Erbium	164-2	13	13	23	17	34.65	cps
Gadolinium	160-1	142	83	142	122	27.55	cps
Gadolinium	160-2	17	17	23	19	20.36	cps
Holmium	165-1	11491596	11161376	10951092	11201355	2.43	cps
Holmium	165-2	2484938	2432346	2488245	2468509	1.27	cps
Indium	115-1	8854689	8551371	8531520	8645860	2.09	cps
Indium	115-2	357767	351021	354983	354590	0.96	cps
Iron	56-2	47883577	48102366	47609425	47865123	0.52	cps
Iron	57-2	1206171	1206706	1193279	1202052	0.63	cps
Krypton	83-1	370	367	300	346	11.43	cps
Lead	206-1	129577	126816	125537	127310	1.62	cps
Lead	207-1	107266	108124	104213	106534	1.93	cps
Lead	208-1	501722	499887	482076	494562	2.19	cps
Lithium	6-1	1784853	1746440	1720888	1750727	1.84	cps
Magnesium	24-2	2739081	2744941	2701698	2728573	0.86	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:15:53	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5388	5541	5528	5486	1.55	cps
Molybdenum	94-1	4117666	4113836	3972539	4068014	2.03	cps
Molybdenum	95-1	6789005	6797344	6615860	6734070	1.52	cps
Molybdenum	96-1	7327077	7322349	7047951	7232459	2.21	cps
Molybdenum	97-1	4287817	4334124	4191089	4271010	1.71	cps
Molybdenum	98-1	10872662	10966421	10437295	10758792	2.62	cps
Neodymium	150-1	40	47	93	60	48.43	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	11839	11755	11782	11792	0.36	cps
Phosphorus	31-2	37158	35905	37100	36721	1.93	cps
Potassium	39-2	1411370	1386071	1397759	1398400	0.91	cps
Rhodium	103-1	8200850	7997800	7878158	8025603	2.03	cps
Rhodium	103-2	2150795	2125664	2156450	2144303	0.76	cps
Scandium	45-1	5796831	5442252	5498355	5579146	3.42	cps
Scandium	45-2	40973	39098	39358	39810	2.55	cps
Selenium	77-2	7	13	7	9	43.25	cps
Selenium	78-2	46	28	35	36	25.59	cps
Selenium	82-1	2108	2194	2151	2151	2.00	cps
Silicon	28-1	726814	724153	704694	718554	1.68	cps
Silver	109-1	154023	155432	148544	152666	2.38	cps
Silver	107-1	162368	160842	155563	159591	2.24	cps
Sodium	23-2	6254074	6387364	6256653	6299364	1.21	cps
Strontium	86-1	182292	181879	171588	178587	3.40	cps
Strontium	88-1	1577929	1584925	1510580	1557811	2.64	cps
Sulfur	34-1	2616734	2623446	2533079	2591086	1.94	cps
Terbium	159-1	11781195	11417134	11151532	11449953	2.76	cps
Terbium	159-2	2359434	2331626	2372877	2354646	0.89	cps
Thallium	203-1	128940	128169	125565	127558	1.39	cps
Thallium	205-1	311926	313837	295503	307089	3.28	cps
Tin	118-1	270978	271819	264183	268993	1.56	cps
Titanium	47-1	2020662	2009153	1923224	1984346	2.68	cps
Uranium	238-1	981333	986255	944980	970856	2.32	cps
Vanadium	51-2	10858	10641	10788	10762	1.03	cps
Yttrium	89-1	9555417	9122800	9061824	9246680	2.91	cps
Yttrium	89-2	269933	265800	269835	268523	0.88	cps
Zinc	66-2	3631	3624	3687	3647	0.95	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:15:53	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	564323	571665	548280	561422	2.13	cps
Zirconium	91-1	125676	127216	123094	125328	1.66	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:19:08	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	305301	304977	307732	306003	0.49	cps
Antimony	121-1	4063390	4142081	4086843	4097438	0.99	cps
Arsenic	75-2	43433	43531	43613	43526	0.21	cps
Barium	135-1	4288315	4343599	4332698	4321537	0.68	cps
Barium	137-1	7373647	7486007	7424063	7427906	0.76	cps
Beryllium	9-1	626296	634161	620395	626951	1.10	cps
Bismuth	209-1	6790459	6793456	6695810	6759908	0.82	cps
Bismuth	209-2	1920819	1965125	1955827	1947257	1.20	cps
Boron	10-1	71352	74359	74176	73296	2.30	cps
Boron	11-1	334264	350165	352353	345594	2.86	cps
Cadmium	111-1	838539	854976	841948	845154	1.03	cps
Cadmium	106-1	91032	91551	93028	91870	1.13	cps
Cadmium	108-1	61941	62733	62222	62299	0.64	cps
Calcium	43-1	4706984	4795749	4729726	4744153	0.97	cps
Calcium	44-1	78173508	78709883	77155143	78012845	1.01	cps
Chromium	52-2	383832	384302	384855	384330	0.13	cps
Cobalt	59-2	796750	791332	799155	795745	0.50	cps
Copper	63-2	1329756	1322607	1332496	1328286	0.38	cps
Dysprosium	156-1	58	67	100	75	29.40	cps
Dysprosium	156-2	7	17	10	11	45.82	cps
Erbium	164-1	42	8	25	25	66.68	cps
Erbium	164-2	30	7	13	17	72.11	cps
Gadolinium	160-1	92	75	100	89	14.32	cps
Gadolinium	160-2	10	13	30	18	60.28	cps
Holmium	165-1	11180347	11189272	10989902	11119840	1.01	cps
Holmium	165-2	2520103	2488545	2491903	2500184	0.69	cps
Indium	115-1	8578924	8576844	8473448	8543072	0.71	cps
Indium	115-2	350497	352918	354738	352718	0.60	cps
Iron	56-2	61860771	61848374	62195124	61968089	0.32	cps
Iron	57-2	1588374	1581387	1597778	1589180	0.52	cps
Krypton	83-1	313	347	390	350	10.98	cps
Lead	206-1	2584150	2607294	2589044	2593496	0.47	cps
Lead	207-1	2366681	2385482	2366485	2372882	0.46	cps
Lead	208-1	10572035	10690119	10559039	10607064	0.68	cps
Lithium	6-1	1768721	1775213	1751602	1765178	0.69	cps
Magnesium	24-2	7534502	7633084	7638913	7602166	0.77	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:19:08	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	212670	209714	212524	211636	0.79	cps
Molybdenum	94-1	6922465	7116243	6923807	6987505	1.60	cps
Molybdenum	95-1	8523189	8680959	8465997	8556715	1.30	cps
Molybdenum	96-1	9385358	9595035	9483510	9487968	1.11	cps
Molybdenum	97-1	5363527	5468040	5371552	5401040	1.08	cps
Molybdenum	98-1	13783860	13895340	13611671	13763623	1.04	cps
Neodymium	150-1	273	180	240	231	20.47	cps
Neodymium	150-2	10	10	13	11	17.30	cps
Nickel	60-2	234229	234176	234867	234424	0.16	cps
Phosphorus	31-2	3959	3826	4217	4001	4.98	cps
Potassium	39-2	1861781	1879142	1891063	1877329	0.78	cps
Rhodium	103-1	7889252	7960793	7741786	7863944	1.42	cps
Rhodium	103-2	2101258	2110192	2134238	2115229	0.81	cps
Scandium	45-1	5592977	5644013	5503154	5580048	1.28	cps
Scandium	45-2	40936	40876	41013	40942	0.17	cps
Selenium	77-2	307	297	293	299	2.32	cps
Selenium	78-2	1032	1085	1050	1056	2.58	cps
Selenium	82-1	54586	55235	54296	54705	0.88	cps
Silicon	28-1	2122550	2142223	2118072	2127615	0.60	cps
Silver	109-1	4016725	4043741	3993981	4018149	0.62	cps
Silver	107-1	4167646	4258313	4161274	4195744	1.29	cps
Sodium	23-2	16198976	16293370	16502048	16331465	0.95	cps
Strontium	86-1	1071523	1097027	1082809	1083786	1.18	cps
Strontium	88-1	9200657	9542952	9276027	9339879	1.93	cps
Sulfur	34-1	711791	724097	717585	717825	0.86	cps
Terbium	159-1	11434658	11481674	11215560	11377297	1.25	cps
Terbium	159-2	2337320	2374039	2365981	2359113	0.82	cps
Thallium	203-1	3189358	3223425	3162999	3191927	0.95	cps
Thallium	205-1	7500223	7663220	7550184	7571209	1.10	cps
Tin	118-1	2828223	2874017	2850133	2850791	0.80	cps
Titanium	47-1	2438518	2470245	2457663	2455475	0.65	cps
Uranium	238-1	10192241	10333156	10135274	10220223	1.00	cps
Vanadium	51-2	281203	281845	282437	281828	0.22	cps
Yttrium	89-1	9203244	9266918	9103403	9191188	0.90	cps
Yttrium	89-2	270173	268704	274274	271050	1.07	cps
Zinc	66-2	115812	118215	117630	117219	1.07	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:19:08	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5842451	5997134	5942501	5927362	1.32	cps
Zirconium	91-1	1295833	1320620	1303082	1306512	0.98	cps

LB Number : LB97079 Operator : Jaswal
 Lab Sample ID : CCB69 Instrumnet Name : P8
 Client Sample ID : CCB69 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-02 15:33:48 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35	23	30	29	21.56	cps
Antimony	121-1	808	800	792	800	1.04	cps
Arsenic	75-2	2	2	4	2	43.30	cps
Barium	135-1	75	50	83	69	24.98	cps
Barium	137-1	33	42	75	50	44.10	cps
Beryllium	9-1	139	144	156	146	5.80	cps
Bismuth	209-1	7316050	7233054	7330061	7293055	0.72	cps
Bismuth	209-2	2212705	2190180	2241591	2214825	1.16	cps
Boron	10-1	933	917	925	925	0.90	cps
Boron	11-1	4318	4309	4234	4287	1.07	cps
Cadmium	111-1	1566	1383	1498	1482	6.21	cps
Cadmium	106-1	2225	1975	2142	2114	6.02	cps
Cadmium	108-1	13	17	8	13	33.36	cps
Calcium	43-1	800	808	767	792	2.78	cps
Calcium	44-1	18430	19665	19598	19231	3.61	cps
Chromium	52-2	417	383	407	402	4.25	cps
Cobalt	59-2	103	50	67	73	37.21	cps
Copper	63-2	507	337	413	419	20.32	cps
Dysprosium	156-1	17	33	0	17	100.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	58	33	25	39	44.62	cps
Erbium	164-2	13	17	0	10	88.20	cps
Gadolinium	160-1	100	75	58	78	26.96	cps
Gadolinium	160-2	10	13	7	10	33.30	cps
Holmium	165-1	11218519	11402787	11336345	11319217	0.82	cps
Holmium	165-2	2638782	2625676	2675606	2646688	0.98	cps
Indium	115-1	9229168	9135581	9145041	9169930	0.56	cps
Indium	115-2	394562	392764	398283	395203	0.71	cps
Iron	56-2	1950	2056	1828	1945	5.86	cps
Iron	57-2	78	44	56	59	28.64	cps
Krypton	83-1	253	433	310	332	27.70	cps
Lead	206-1	372	356	467	398	15.05	cps
Lead	207-1	322	239	322	294	16.34	cps
Lead	208-1	1556	1400	1678	1545	9.01	cps
Lithium	6-1	1793948	1787956	1808750	1796885	0.60	cps
Magnesium	24-2	375	383	400	386	3.30	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:33:48	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	30	40	36	14.32	cps
Molybdenum	94-1	775	675	842	764	10.98	cps
Molybdenum	95-1	433	483	608	508	17.73	cps
Molybdenum	96-1	708	608	567	628	11.60	cps
Molybdenum	97-1	425	308	308	347	19.40	cps
Molybdenum	98-1	933	892	850	892	4.67	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	113	60	93	89	30.31	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2642	2892	2884	2806	5.06	cps
Rhodium	103-1	8626632	8550437	8509474	8562181	0.69	cps
Rhodium	103-2	2385641	2409198	2381053	2391964	0.63	cps
Scandium	45-1	5748905	5814596	5793359	5785620	0.58	cps
Scandium	45-2	43300	42916	43043	43086	0.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	6	2	114.63	cps
Selenium	82-1	132	-106	20	15	788.61	cps
Silicon	28-1	357906	362851	361302	360686	0.70	cps
Silver	109-1	133	133	142	136	3.53	cps
Silver	107-1	58	192	192	147	52.29	cps
Sodium	23-2	8745	8770	8545	8686	1.42	cps
Strontium	86-1	592	550	508	550	7.58	cps
Strontium	88-1	192	200	150	181	14.84	cps
Sulfur	34-1	436362	433768	440193	436774	0.74	cps
Terbium	159-1	11593371	11670922	11655736	11640010	0.35	cps
Terbium	159-2	2525441	2500706	2538474	2521540	0.76	cps
Thallium	203-1	400	417	475	431	9.15	cps
Thallium	205-1	992	900	950	947	4.85	cps
Tin	118-1	2642	2342	2559	2514	6.17	cps
Titanium	47-1	175	183	208	189	9.19	cps
Uranium	238-1	58	75	25	53	48.24	cps
Vanadium	51-2	10	10	0	7	86.60	cps
Yttrium	89-1	9626344	9541000	9523807	9563717	0.57	cps
Yttrium	89-2	292310	288317	293543	291390	0.94	cps
Zinc	66-2	140	147	117	134	11.72	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:33:48	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1292	1175	1275	1247	5.06	cps
Zirconium	91-1	233	217	275	242	12.43	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:37:08	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	168	145	143	152	9.08	cps
Antimony	121-1	17554	16936	16995	17162	1.99	cps
Arsenic	75-2	109	94	85	96	12.61	cps
Barium	135-1	17546	16961	17854	17454	2.60	cps
Barium	137-1	29743	30027	29893	29888	0.48	cps
Beryllium	9-1	1461	1389	1361	1404	3.68	cps
Bismuth	209-1	7377635	7145004	6921354	7147998	3.19	cps
Bismuth	209-2	2218880	2209368	2181922	2203390	0.87	cps
Boron	10-1	4067	4084	4309	4154	3.25	cps
Boron	11-1	20382	19481	20374	20079	2.58	cps
Cadmium	111-1	3165	3242	3200	3202	1.21	cps
Cadmium	106-1	2350	2375	2100	2275	6.68	cps
Cadmium	108-1	175	125	125	142	20.38	cps
Calcium	43-1	10738	10079	10054	10290	3.77	cps
Calcium	44-1	175400	175390	172507	174433	0.96	cps
Chromium	52-2	2084	1977	2197	2086	5.28	cps
Cobalt	59-2	1737	1870	1737	1781	4.32	cps
Copper	63-2	3574	3457	3290	3440	4.14	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	25	50	33	43.30	cps
Erbium	164-2	7	13	10	10	33.30	cps
Gadolinium	160-1	67	42	67	58	24.74	cps
Gadolinium	160-2	10	13	7	10	33.30	cps
Holmium	165-1	11591561	11229675	10696612	11172616	4.03	cps
Holmium	165-2	2662689	2633014	2608739	2634814	1.03	cps
Indium	115-1	9336113	9107494	8813255	9085621	2.88	cps
Indium	115-2	396227	393271	392826	394108	0.47	cps
Iron	56-2	29470	29593	29203	29422	0.68	cps
Iron	57-2	750	750	628	709	9.95	cps
Krypton	83-1	343	400	370	371	7.64	cps
Lead	206-1	5651	5485	5763	5633	2.48	cps
Lead	207-1	5390	5223	5040	5218	3.36	cps
Lead	208-1	23315	22892	23042	23083	0.93	cps
Lithium	6-1	1820980	1823428	1765988	1803465	1.80	cps
Magnesium	24-2	15317	15200	14934	15150	1.30	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:37:08	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	287	310	263	287	8.14	cps
Molybdenum	94-1	14992	15059	15626	15226	2.29	cps
Molybdenum	95-1	18680	17687	17453	17940	3.63	cps
Molybdenum	96-1	19949	19949	19907	19935	0.12	cps
Molybdenum	97-1	10771	11247	11555	11191	3.53	cps
Molybdenum	98-1	28222	28431	28498	28383	0.51	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	617	553	643	604	7.65	cps
Phosphorus	31-2	8	25	17	17	50.01	cps
Potassium	39-2	10463	10112	10171	10249	1.83	cps
Rhodium	103-1	8745190	8595261	8258417	8532956	2.92	cps
Rhodium	103-2	2393987	2377732	2387930	2386549	0.34	cps
Scandium	45-1	5924880	5839752	5362544	5709059	5.31	cps
Scandium	45-2	43745	42407	42421	42858	1.79	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	13	4	19	12	63.84	cps
Selenium	82-1	548	549	589	562	4.17	cps
Silicon	28-1	433043	432775	431455	432424	0.20	cps
Silver	109-1	8687	8511	8595	8598	1.02	cps
Silver	107-1	8995	8653	8712	8787	2.08	cps
Sodium	23-2	43125	42707	42339	42723	0.92	cps
Strontium	86-1	2942	2925	2975	2948	0.86	cps
Strontium	88-1	19406	20182	20149	19913	2.20	cps
Sulfur	34-1	441053	439354	439279	439895	0.23	cps
Terbium	159-1	11801515	11583603	11182480	11522532	2.73	cps
Terbium	159-2	2542363	2512827	2494459	2516550	0.96	cps
Thallium	203-1	7027	6994	6760	6927	2.10	cps
Thallium	205-1	17162	16486	16061	16570	3.35	cps
Tin	118-1	31847	30703	31396	31315	1.84	cps
Titanium	47-1	4976	4943	5068	4996	1.30	cps
Uranium	238-1	19558	19825	20075	19819	1.31	cps
Vanadium	51-2	2760	2907	2957	2875	3.56	cps
Yttrium	89-1	9798194	9474009	9220614	9497606	3.05	cps
Yttrium	89-2	292316	290758	287918	290331	0.77	cps
Zinc	66-2	403	413	407	408	1.25	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:37:08	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13390	13607	13299	13432	1.18	cps
Zirconium	91-1	3301	2975	2792	3023	8.52	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	PB111697BL	Instrumnet Name :	P8
Client Sample ID :	PB111697BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:40:29	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	28	25	25	10.00	cps
Antimony	121-1	467	417	492	458	8.33	cps
Arsenic	75-2	2	4	2	2	43.30	cps
Barium	135-1	25	42	83	50	60.09	cps
Barium	137-1	83	142	58	94	45.27	cps
Beryllium	9-1	89	139	133	120	22.77	cps
Bismuth	209-1	7228314	7213851	7391356	7277840	1.35	cps
Bismuth	209-2	2166938	2165778	2193369	2175362	0.72	cps
Boron	10-1	1083	758	658	833	26.67	cps
Boron	11-1	3717	3634	3517	3623	2.77	cps
Cadmium	111-1	1364	1547	1258	1390	10.51	cps
Cadmium	106-1	1917	2200	1800	1972	10.43	cps
Cadmium	108-1	4	8	21	11	78.05	cps
Calcium	43-1	967	850	683	833	17.09	cps
Calcium	44-1	18705	19030	18588	18775	1.22	cps
Chromium	52-2	477	477	423	459	6.71	cps
Cobalt	59-2	87	63	103	84	23.80	cps
Copper	63-2	380	340	417	379	10.12	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	25	50	31	56.77	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	58	75	75	69	13.85	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	11057553	11200208	11346402	11201387	1.29	cps
Holmium	165-2	2608761	2603995	2589709	2600822	0.38	cps
Indium	115-1	9072289	9093660	9210145	9125365	0.81	cps
Indium	115-2	394315	391933	395209	393819	0.43	cps
Iron	56-2	1761	1972	1872	1869	5.65	cps
Iron	57-2	28	83	67	59	48.11	cps
Krypton	83-1	280	407	387	358	19.03	cps
Lead	206-1	211	289	300	267	18.16	cps
Lead	207-1	289	278	361	309	14.63	cps
Lead	208-1	1183	1328	1433	1315	9.55	cps
Lithium	6-1	1786112	1828887	1870604	1828535	2.31	cps
Magnesium	24-2	300	392	325	339	13.98	cps

LB Number : LB97079 Operator : Jaswal
 Lab Sample ID : PB111697BL Instrumnet Name : P8
 Client Sample ID : PB111697BL Dilution Factor : 1
 Date & Time Acquired :: 2018-08-02 15:40:29 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	47	30	37	24.06	cps
Molybdenum	94-1	467	567	625	553	14.49	cps
Molybdenum	95-1	425	408	342	392	11.26	cps
Molybdenum	96-1	467	358	517	447	18.10	cps
Molybdenum	97-1	258	233	275	256	8.21	cps
Molybdenum	98-1	658	517	583	586	12.09	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	120	160	97	126	25.51	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2884	2525	2525	2645	7.82	cps
Rhodium	103-1	8542317	8535680	8671175	8583057	0.89	cps
Rhodium	103-2	2383959	2385119	2390293	2386457	0.14	cps
Scandium	45-1	5725014	5798192	5919892	5814366	1.69	cps
Scandium	45-2	42046	41538	42819	42134	1.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	7	5	43.39	cps
Selenium	82-1	62	-62	-57	-19	-367.84	cps
Silicon	28-1	364146	360205	359887	361413	0.66	cps
Silver	109-1	75	117	75	89	27.07	cps
Silver	107-1	133	117	117	122	7.87	cps
Sodium	23-2	8136	7986	8036	8053	0.95	cps
Strontium	86-1	600	492	600	564	11.09	cps
Strontium	88-1	208	225	233	222	5.73	cps
Sulfur	34-1	440355	442183	439904	440814	0.27	cps
Terbium	159-1	11405233	11597309	11823837	11608793	1.80	cps
Terbium	159-2	2501298	2508257	2507731	2505762	0.15	cps
Thallium	203-1	308	300	375	328	12.54	cps
Thallium	205-1	800	692	758	750	7.29	cps
Tin	118-1	2475	2292	2400	2389	3.86	cps
Titanium	47-1	183	183	142	169	14.20	cps
Uranium	238-1	42	17	42	33	43.30	cps
Vanadium	51-2	3	13	7	8	65.47	cps
Yttrium	89-1	9463538	9484166	9631068	9526257	0.96	cps
Yttrium	89-2	289824	289282	291806	290304	0.46	cps
Zinc	66-2	147	150	123	140	10.38	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	PB111697BL	Instrumnet Name :	P8
Client Sample ID :	PB111697BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:40:29	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1175	1008	967	1050	10.50	cps
Zirconium	91-1	150	208	217	192	18.95	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	PB111697BS	Instrumnet Name :	P8
Client Sample ID :	PB111697BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:43:50	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61429	60219	60900	60849	1.00	cps
Antimony	121-1	4241857	4262109	4252506	4252157	0.24	cps
Arsenic	75-2	46610	45722	46352	46228	0.99	cps
Barium	135-1	4431893	4445113	4457713	4444906	0.29	cps
Barium	137-1	7676415	7662215	7665087	7667906	0.10	cps
Beryllium	9-1	643382	639624	643853	642286	0.36	cps
Bismuth	209-1	7189698	7405041	7300158	7298299	1.48	cps
Bismuth	209-2	2218541	2123236	2133158	2158312	2.43	cps
Boron	10-1	68430	71923	75240	71864	4.74	cps
Boron	11-1	333492	341540	351421	342151	2.62	cps
Cadmium	111-1	895255	895778	903977	898337	0.54	cps
Cadmium	106-1	96729	96359	97057	96715	0.36	cps
Cadmium	108-1	64734	64612	64889	64745	0.21	cps
Calcium	43-1	993757	987133	986989	989293	0.39	cps
Calcium	44-1	16284560	16280744	16322725	16296010	0.14	cps
Chromium	52-2	396446	395597	395328	395790	0.15	cps
Cobalt	59-2	844415	845957	838170	842847	0.49	cps
Copper	63-2	1445639	1442383	1441555	1443192	0.15	cps
Dysprosium	156-1	100	50	25	58	65.47	cps
Dysprosium	156-2	20	13	0	11	91.66	cps
Erbium	164-1	42	58	50	50	16.67	cps
Erbium	164-2	10	7	13	10	33.30	cps
Gadolinium	160-1	92	117	92	100	14.43	cps
Gadolinium	160-2	13	7	20	13	49.99	cps
Holmium	165-1	11518228	11715729	11453160	11562372	1.18	cps
Holmium	165-2	2679381	2633014	2609173	2640523	1.35	cps
Indium	115-1	9089560	9286615	9099477	9158551	1.21	cps
Indium	115-2	390379	381637	380992	384336	1.36	cps
Iron	56-2	13226162	13145273	13214267	13195234	0.33	cps
Iron	57-2	327540	326824	329187	327850	0.37	cps
Krypton	83-1	323	407	423	384	13.94	cps
Lead	206-1	2717364	2711176	2726083	2718208	0.28	cps
Lead	207-1	2428990	2432130	2444416	2435179	0.33	cps
Lead	208-1	10986163	10924773	11031144	10980693	0.49	cps
Lithium	6-1	1820896	1838775	1861951	1840540	1.12	cps
Magnesium	24-2	1594858	1560576	1584940	1580125	1.12	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	PB111697BS	Instrumnet Name :	P8
Client Sample ID :	PB111697BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:43:50	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	220830	220680	219597	220369	0.31	cps
Molybdenum	94-1	7188890	7182563	7173042	7181498	0.11	cps
Molybdenum	95-1	8788098	8780104	8770895	8779699	0.10	cps
Molybdenum	96-1	9713579	9722789	9712671	9716346	0.06	cps
Molybdenum	97-1	5539528	5499284	5539379	5526063	0.42	cps
Molybdenum	98-1	14092110	14075859	14075560	14081176	0.07	cps
Neodymium	150-1	240	200	173	204	16.41	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	249790	247325	245387	247501	0.89	cps
Phosphorus	31-2	3926	4459	4151	4179	6.41	cps
Potassium	39-2	391942	387068	389008	389339	0.63	cps
Rhodium	103-1	8373332	8574096	8408680	8452036	1.27	cps
Rhodium	103-2	2337303	2313405	2310158	2320289	0.64	cps
Scandium	45-1	5818301	5923760	5842199	5861420	0.94	cps
Scandium	45-2	44387	43056	43417	43620	1.58	cps
Selenium	77-2	310	310	340	320	5.41	cps
Selenium	78-2	1087	1028	1048	1054	2.86	cps
Selenium	82-1	57125	57348	56815	57096	0.47	cps
Silicon	28-1	2191560	2191432	2172425	2185139	0.50	cps
Silver	109-1	4276268	4256926	4250430	4261208	0.32	cps
Silver	107-1	4484169	4433678	4427272	4448373	0.70	cps
Sodium	23-2	3536707	3467997	3476045	3493583	1.08	cps
Strontium	86-1	1110819	1122751	1110253	1114608	0.63	cps
Strontium	88-1	9608551	9658956	9685330	9650946	0.40	cps
Sulfur	34-1	753611	747846	744290	748583	0.63	cps
Terbium	159-1	11885669	12015598	11947892	11949720	0.54	cps
Terbium	159-2	2542352	2508389	2532072	2527604	0.69	cps
Thallium	203-1	3309246	3330495	3310280	3316674	0.36	cps
Thallium	205-1	7827995	7874181	7882242	7861473	0.37	cps
Tin	118-1	2945337	2943953	2926944	2938744	0.35	cps
Titanium	47-1	2538825	2482402	2548428	2523218	1.41	cps
Uranium	238-1	10216743	10283085	10450353	10316727	1.17	cps
Vanadium	51-2	297099	295999	294524	295874	0.44	cps
Yttrium	89-1	9724965	9818556	9629897	9724472	0.97	cps
Yttrium	89-2	291435	285647	288938	288673	1.01	cps
Zinc	66-2	128680	128404	127825	128303	0.34	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	PB111697BS	Instrumnet Name :	P8
Client Sample ID :	PB111697BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:43:50	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6121507	6076702	6091372	6096527	0.37	cps
Zirconium	91-1	1345026	1338676	1331374	1338359	0.51	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-01	Instrumnet Name :	P8
Client Sample ID :	KY030LC058-W-180720	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:47:02	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38	25	40	34	23.51	cps
Antimony	121-1	21552	21118	20642	21104	2.16	cps
Arsenic	75-2	161	159	143	154	6.61	cps
Barium	135-1	106770	110181	111373	109441	2.18	cps
Barium	137-1	192717	193462	197471	194550	1.31	cps
Beryllium	9-1	272	289	294	285	4.06	cps
Bismuth	209-1	7510343	7465197	7439929	7471823	0.48	cps
Bismuth	209-2	1977550	1960658	1970048	1969419	0.43	cps
Boron	10-1	22276	22226	23261	22588	2.58	cps
Boron	11-1	108374	108316	107803	108164	0.29	cps
Cadmium	111-1	1692	1438	1342	1491	12.13	cps
Cadmium	106-1	1942	1684	1659	1761	8.91	cps
Cadmium	108-1	54	33	21	36	46.64	cps
Calcium	43-1	1436532	1420861	1404729	1420707	1.12	cps
Calcium	44-1	22941650	22851953	22692765	22828789	0.55	cps
Chromium	52-2	1043	1113	940	1032	8.45	cps
Cobalt	59-2	123	183	153	153	19.56	cps
Copper	63-2	8123	8853	9327	8767	6.92	cps
Dysprosium	156-1	17	42	58	39	53.93	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-1	42	58	25	42	40.00	cps
Erbium	164-2	7	10	20	12	56.76	cps
Gadolinium	160-1	75	100	108	94	18.37	cps
Gadolinium	160-2	17	23	23	21	18.21	cps
Holmium	165-1	10970964	11076908	11228730	11092201	1.17	cps
Holmium	165-2	2301377	2276141	2304089	2293869	0.67	cps
Indium	115-1	8564736	8733932	8720508	8673059	1.08	cps
Indium	115-2	329639	325948	328661	328083	0.58	cps
Iron	56-2	5190	4895	5012	5033	2.95	cps
Iron	57-2	144	211	128	161	27.37	cps
Krypton	83-1	490	477	383	450	12.91	cps
Lead	206-1	2623	2100	2000	2241	14.91	cps
Lead	207-1	1939	2223	1767	1976	11.64	cps
Lead	208-1	10213	9179	8335	9242	10.18	cps
Lithium	6-1	2296939	2430400	2531835	2419725	4.87	cps
Magnesium	24-2	173569	172281	168142	171331	1.66	cps

LB Number : LB97079 Operator : Jaswal
 Lab Sample ID : J4114-01 Instrumnet Name : P8
 Client Sample ID : KY030LC058-W-180720 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-02 15:47:02 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1317	1223	1253	1265	3.77	cps
Molybdenum	94-1	7519	7294	6852	7222	4.70	cps
Molybdenum	95-1	9245	8728	8386	8787	4.92	cps
Molybdenum	96-1	10396	9537	9620	9851	4.81	cps
Molybdenum	97-1	5960	5968	5368	5765	5.97	cps
Molybdenum	98-1	14208	13782	13307	13766	3.27	cps
Neodymium	150-1	13	33	27	24	41.66	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	643	603	593	613	4.31	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	53368	51361	51270	52000	2.28	cps
Rhodium	103-1	7881560	7891996	7933596	7902384	0.35	cps
Rhodium	103-2	2067638	2043215	2062287	2057714	0.62	cps
Scandium	45-1	5238441	5222890	5136246	5199193	1.06	cps
Scandium	45-2	35164	34396	35582	35047	1.72	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	-31	-3	65	10	468.11	cps
Silicon	28-1	20481737	20453006	20077329	20337357	1.11	cps
Silver	109-1	10371	10705	9888	10321	3.98	cps
Silver	107-1	10838	11122	10546	10835	2.66	cps
Sodium	23-2	1504999	1452354	1465743	1474366	1.86	cps
Strontium	86-1	671682	670663	670182	670843	0.11	cps
Strontium	88-1	5805336	5849229	5835242	5829936	0.38	cps
Sulfur	34-1	685830	678673	666209	676904	1.47	cps
Terbium	159-1	11184895	11417939	11351331	11318055	1.06	cps
Terbium	159-2	2190979	2192032	2174513	2185841	0.45	cps
Thallium	203-1	10046	6143	3892	6694	46.51	cps
Thallium	205-1	23339	14334	9562	15745	44.43	cps
Tin	118-1	36559	36935	35598	36364	1.90	cps
Titanium	47-1	2050	2025	1825	1967	6.27	cps
Uranium	238-1	14785	16845	15218	15616	6.96	cps
Vanadium	51-2	1117	950	1063	1043	8.16	cps
Yttrium	89-1	8842007	8861994	8810642	8838214	0.29	cps
Yttrium	89-2	239345	235009	237086	237147	0.91	cps
Zinc	66-2	950	997	893	947	5.47	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-01	Instrumnet Name :	P8
Client Sample ID :	KY030LC058-W-180720	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:47:02	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7903	6952	5860	6905	14.80	cps
Zirconium	91-1	1884	1367	1525	1592	16.63	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-02	Instrumnet Name :	P8
Client Sample ID :	KY030LC066-W-180720	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:50:21	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45	45	43	44	3.27	cps
Antimony	121-1	16411	17037	17629	17025	3.58	cps
Arsenic	75-2	167	187	189	181	6.82	cps
Barium	135-1	147715	148761	145297	147258	1.21	cps
Barium	137-1	254038	257481	257902	256474	0.83	cps
Beryllium	9-1	178	206	189	191	7.33	cps
Bismuth	209-1	7405947	7419017	7501432	7442132	0.70	cps
Bismuth	209-2	1906208	1900287	1922805	1909767	0.61	cps
Boron	10-1	28947	29097	30233	29426	2.39	cps
Boron	11-1	137688	142376	141962	140675	1.84	cps
Cadmium	111-1	1418	1336	1266	1340	5.68	cps
Cadmium	106-1	1892	1742	1675	1770	6.27	cps
Cadmium	108-1	21	29	33	28	22.92	cps
Calcium	43-1	1805860	1777205	1790882	1791316	0.80	cps
Calcium	44-1	29159453	28956767	29007999	29041406	0.36	cps
Chromium	52-2	767	777	793	779	1.73	cps
Cobalt	59-2	287	280	220	262	14.00	cps
Copper	63-2	11945	12109	12616	12223	2.86	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	42	33	75	50	44.10	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	42	92	75	69	36.66	cps
Gadolinium	160-2	23	30	7	20	60.08	cps
Holmium	165-1	11258736	11391136	11372012	11340628	0.63	cps
Holmium	165-2	2250681	2270378	2264197	2261752	0.45	cps
Indium	115-1	8549166	8567964	8724931	8614020	1.12	cps
Indium	115-2	311419	311012	308912	310448	0.43	cps
Iron	56-2	6229	5940	5807	5992	3.60	cps
Iron	57-2	150	183	139	157	14.69	cps
Krypton	83-1	363	360	363	362	0.53	cps
Lead	206-1	1533	1734	1578	1615	6.50	cps
Lead	207-1	1400	1317	1428	1382	4.19	cps
Lead	208-1	6140	6234	6051	6142	1.49	cps
Lithium	6-1	2871926	2911753	2950854	2911511	1.36	cps
Magnesium	24-2	211355	215078	210823	212419	1.09	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-02	Instrumnet Name :	P8
Client Sample ID :	KY030LC066-W-180720	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:50:21	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4821	4694	4614	4710	2.21	cps
Molybdenum	94-1	4343	4359	4259	4320	1.24	cps
Molybdenum	95-1	4734	4426	4176	4445	6.29	cps
Molybdenum	96-1	5551	5743	5276	5524	4.25	cps
Molybdenum	97-1	2792	3117	3201	3037	7.11	cps
Molybdenum	98-1	7744	7594	7477	7605	1.76	cps
Neodymium	150-1	33	40	27	33	20.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	720	763	807	763	5.68	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	37768	37685	36457	37303	1.97	cps
Rhodium	103-1	7737236	7725328	7756804	7739789	0.21	cps
Rhodium	103-2	1993120	2013225	2018408	2008251	0.67	cps
Scandium	45-1	5009154	4974064	5063215	5015477	0.90	cps
Scandium	45-2	32795	32444	32344	32528	0.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	106	107	143	118	17.85	cps
Silicon	28-1	23900371	23682346	24037993	23873570	0.75	cps
Silver	109-1	4576	5143	4793	4837	5.91	cps
Silver	107-1	5593	5568	5093	5418	5.20	cps
Sodium	23-2	2536929	2521594	2510817	2523113	0.52	cps
Strontium	86-1	984760	976005	1000729	987165	1.27	cps
Strontium	88-1	8480726	8446482	8469475	8465561	0.21	cps
Sulfur	34-1	842073	842909	839640	841540	0.20	cps
Terbium	159-1	11551871	11729360	11698270	11659834	0.81	cps
Terbium	159-2	2152309	2121087	2125492	2132963	0.79	cps
Thallium	203-1	567	875	850	764	22.42	cps
Thallium	205-1	1625	1250	1617	1497	14.30	cps
Tin	118-1	30026	30786	29650	30154	1.92	cps
Titanium	47-1	858	867	792	839	4.90	cps
Uranium	238-1	23440	23974	24091	23835	1.46	cps
Vanadium	51-2	1010	923	853	929	8.45	cps
Yttrium	89-1	8751545	8662776	8752076	8722132	0.59	cps
Yttrium	89-2	223638	226565	227211	225804	0.84	cps
Zinc	66-2	1313	1457	1313	1361	6.08	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-02	Instrumnet Name :	P8
Client Sample ID :	KY030LC066-W-180720	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:50:21	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4534	4618	4059	4404	6.84	cps
Zirconium	91-1	1008	1008	967	995	2.42	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-02DUP	Instrumnet Name :	P8
Client Sample ID :	KY030LC066-W-180720I	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:53:41	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	68	45	68	60	21.65	cps
Antimony	121-1	17654	17938	19390	18327	5.08	cps
Arsenic	75-2	144	167	157	156	7.15	cps
Barium	135-1	149730	150513	150178	150140	0.26	cps
Barium	137-1	262934	259800	265040	262591	1.00	cps
Beryllium	9-1	67	167	194	143	47.13	cps
Bismuth	209-1	7437768	7480393	7399476	7439212	0.54	cps
Bismuth	209-2	1900229	1840949	1881022	1874067	1.61	cps
Boron	10-1	28279	29523	30074	29292	3.14	cps
Boron	11-1	137638	138799	141003	139147	1.23	cps
Cadmium	111-1	1276	1340	1335	1317	2.71	cps
Cadmium	106-1	1750	1800	1842	1797	2.55	cps
Cadmium	108-1	17	17	42	25	57.73	cps
Calcium	43-1	1821185	1797613	1804427	1807742	0.67	cps
Calcium	44-1	29275523	29302181	29299279	29292327	0.05	cps
Chromium	52-2	650	787	743	727	9.61	cps
Cobalt	59-2	287	243	253	261	8.69	cps
Copper	63-2	13674	13627	14308	13869	2.74	cps
Dysprosium	156-1	42	17	17	25	57.73	cps
Dysprosium	156-2	13	3	7	8	65.47	cps
Erbium	164-1	58	42	25	42	40.00	cps
Erbium	164-2	10	17	17	14	26.66	cps
Gadolinium	160-1	92	42	92	75	38.49	cps
Gadolinium	160-2	10	10	7	9	21.63	cps
Holmium	165-1	11149868	11311911	11381552	11281110	1.05	cps
Holmium	165-2	2228293	2190362	2196523	2205059	0.92	cps
Indium	115-1	8729394	8612048	8584697	8642046	0.89	cps
Indium	115-2	300472	297234	301895	299867	0.80	cps
Iron	56-2	5868	5935	5851	5885	0.75	cps
Iron	57-2	256	144	161	187	32.04	cps
Krypton	83-1	353	400	350	368	7.60	cps
Lead	206-1	1228	1261	1278	1256	2.03	cps
Lead	207-1	1156	1167	1178	1167	0.95	cps
Lead	208-1	4989	5390	5162	5180	3.87	cps
Lithium	6-1	2801145	2861617	2879859	2847540	1.45	cps
Magnesium	24-2	211161	211004	209378	210514	0.47	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-02DUP	Instrumnet Name :	P8
Client Sample ID :	KY030LC066-W-180720I	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:53:41	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4341	4484	4691	4505	3.91	cps
Molybdenum	94-1	3542	3684	3251	3492	6.33	cps
Molybdenum	95-1	4543	4318	4293	4384	3.14	cps
Molybdenum	96-1	5051	4684	4668	4801	4.52	cps
Molybdenum	97-1	2575	2634	2667	2625	1.77	cps
Molybdenum	98-1	7252	6744	7027	7008	3.64	cps
Neodymium	150-1	27	33	40	33	20.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	747	690	747	728	4.50	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	36415	37092	36515	36674	1.00	cps
Rhodium	103-1	7790503	7700562	7763953	7751673	0.60	cps
Rhodium	103-2	1962417	1961437	1956055	1959970	0.17	cps
Scandium	45-1	4890246	4955403	4945073	4930241	0.71	cps
Scandium	45-2	31345	31425	31673	31481	0.54	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	105	43	98	82	41.17	cps
Silicon	28-1	23805855	23773509	23785204	23788189	0.07	cps
Silver	109-1	2992	3201	3259	3151	4.45	cps
Silver	107-1	3384	3351	2834	3189	9.67	cps
Sodium	23-2	2505327	2495384	2497460	2499390	0.21	cps
Strontium	86-1	990369	989729	1001236	993778	0.65	cps
Strontium	88-1	8576272	8640553	8630470	8615765	0.40	cps
Sulfur	34-1	836553	832699	830884	833379	0.35	cps
Terbium	159-1	11541417	11533748	11632641	11569269	0.48	cps
Terbium	159-2	2074812	2077926	2098530	2083756	0.62	cps
Thallium	203-1	433	458	458	450	3.21	cps
Thallium	205-1	1067	950	1067	1028	6.55	cps
Tin	118-1	26043	24966	25901	25636	2.28	cps
Titanium	47-1	842	800	908	850	6.43	cps
Uranium	238-1	24225	24842	24776	24614	1.38	cps
Vanadium	51-2	1040	1067	1023	1043	2.09	cps
Yttrium	89-1	8584674	8646528	8633084	8621429	0.38	cps
Yttrium	89-2	220185	217315	220762	219421	0.84	cps
Zinc	66-2	1307	1433	1527	1422	7.76	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-02DUP	Instrumnet Name :	P8
Client Sample ID :	KY030LC066-W-180720I	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 15:53:41	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3092	3009	3259	3120	4.08	cps
Zirconium	91-1	792	783	808	795	1.60	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-02LX5	Instrumnet Name :	P8
Client Sample ID :	KY030LC066-W-180720I	Dilution Factor :	5
Date & Time Acquired ::	2018-08-02 15:57:01	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30	15	33	26	36.65	cps
Antimony	121-1	3609	3334	3209	3384	6.05	cps
Arsenic	75-2	35	35	46	39	16.49	cps
Barium	135-1	29392	30444	29008	29615	2.51	cps
Barium	137-1	50799	53258	53467	52508	2.83	cps
Beryllium	9-1	150	139	122	137	10.20	cps
Bismuth	209-1	7775154	7767266	7749096	7763839	0.17	cps
Bismuth	209-2	2066029	2083942	2097530	2082501	0.76	cps
Boron	10-1	7686	8103	7594	7794	3.48	cps
Boron	11-1	37667	36932	36723	37107	1.34	cps
Cadmium	111-1	1317	1397	1361	1359	2.95	cps
Cadmium	106-1	1859	1959	1900	1906	2.64	cps
Cadmium	108-1	13	4	21	13	66.64	cps
Calcium	43-1	367516	371240	370563	369773	0.54	cps
Calcium	44-1	6092559	6126348	6091956	6103621	0.32	cps
Chromium	52-2	490	447	483	473	4.93	cps
Cobalt	59-2	100	73	60	78	26.19	cps
Copper	63-2	4648	4434	4414	4499	2.88	cps
Dysprosium	156-1	33	17	42	31	41.66	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	33	50	25	36	35.25	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	33	100	50	61	56.78	cps
Gadolinium	160-2	0	7	13	7	99.98	cps
Holmium	165-1	11781643	11947622	11886423	11871896	0.71	cps
Holmium	165-2	2465974	2444517	2444695	2451729	0.50	cps
Indium	115-1	9082731	9273515	9223654	9193300	1.08	cps
Indium	115-2	340196	340726	343432	341451	0.51	cps
Iron	56-2	2373	2234	2500	2369	5.63	cps
Iron	57-2	22	89	56	56	60.00	cps
Krypton	83-1	390	387	377	384	1.80	cps
Lead	206-1	472	444	500	472	5.88	cps
Lead	207-1	333	406	356	365	10.14	cps
Lead	208-1	1783	1911	1883	1859	3.61	cps
Lithium	6-1	2209818	2202904	2165232	2192652	1.09	cps
Magnesium	24-2	47639	46377	46644	46887	1.42	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-02LX5	Instrumnet Name :	P8
Client Sample ID :	KY030LC066-W-180720I	Dilution Factor :	5
Date & Time Acquired ::	2018-08-02 15:57:01	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	950	1033	1017	1000	4.41	cps
Molybdenum	94-1	1033	1025	1258	1106	11.97	cps
Molybdenum	95-1	1017	967	1183	1056	10.75	cps
Molybdenum	96-1	1200	1333	1242	1258	5.42	cps
Molybdenum	97-1	883	842	817	847	3.97	cps
Molybdenum	98-1	1750	1667	1717	1711	2.45	cps
Neodymium	150-1	7	27	27	20	57.73	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	270	277	237	261	8.21	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	9987	9887	10379	10085	2.58	cps
Rhodium	103-1	8398943	8540470	8369637	8436350	1.08	cps
Rhodium	103-2	2196971	2193129	2215331	2201810	0.54	cps
Scandium	45-1	5345020	5351198	5414623	5370280	0.72	cps
Scandium	45-2	35980	35856	37006	36280	1.74	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-65	-9	21	-18	-246.16	cps
Silicon	28-1	5401464	5314504	5350841	5355603	0.82	cps
Silver	109-1	1133	1033	1300	1156	11.66	cps
Silver	107-1	1275	1525	1358	1386	9.18	cps
Sodium	23-2	535272	539838	533908	536339	0.58	cps
Strontium	86-1	203555	206114	203463	204377	0.74	cps
Strontium	88-1	1819109	1838951	1807843	1821968	0.86	cps
Sulfur	34-1	482650	485808	488805	485754	0.63	cps
Terbium	159-1	12117374	12255865	12243398	12205546	0.63	cps
Terbium	159-2	2313116	2335495	2345601	2331404	0.71	cps
Thallium	203-1	167	158	142	156	8.18	cps
Thallium	205-1	417	417	458	431	5.59	cps
Tin	118-1	4576	4810	4426	4604	4.20	cps
Titanium	47-1	258	325	325	303	12.71	cps
Uranium	238-1	4584	4818	4926	4776	3.66	cps
Vanadium	51-2	227	157	213	199	18.69	cps
Yttrium	89-1	9294995	9320307	9188659	9267987	0.75	cps
Yttrium	89-2	249867	246406	252482	249585	1.22	cps
Zinc	66-2	417	403	423	414	2.46	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-02LX5	Instrumnet Name :	P8
Client Sample ID :	KY030LC066-W-180720I	Dilution Factor :	5
Date & Time Acquired ::	2018-08-02 15:57:01	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1008	1017	1042	1022	1.70	cps
Zirconium	91-1	208	208	208	208	0.00	cps

LB Number : LB97079 Operator : Jaswal
 Lab Sample ID : J4114-02MS Instrumnet Name : P8
 Client Sample ID : KY030LC066-W-1807201 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-02 16:00:21 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40886	40748	41019	40885	0.33	cps
Antimony	121-1	3928510	3931711	3931006	3930409	0.04	cps
Arsenic	75-2	34526	34541	34289	34452	0.41	cps
Barium	135-1	4208731	4255560	4250612	4238301	0.61	cps
Barium	137-1	7250789	7362309	7293632	7302243	0.77	cps
Beryllium	9-1	505576	504496	500811	503627	0.50	cps
Bismuth	209-1	7343619	7366517	7402334	7370823	0.40	cps
Bismuth	209-2	1824669	1635170	1837763	1765867	6.42	cps
Boron	10-1	81004	83058	84548	82870	2.15	cps
Boron	11-1	379724	384212	393858	385931	1.87	cps
Cadmium	111-1	797065	797885	803208	799386	0.42	cps
Cadmium	106-1	83651	85990	84942	84861	1.38	cps
Cadmium	108-1	55087	58556	57024	56889	3.06	cps
Calcium	43-1	2607789	2593006	2597363	2599386	0.29	cps
Calcium	44-1	42156014	41915336	42231963	42101105	0.39	cps
Chromium	52-2	299255	295844	296626	297242	0.60	cps
Cobalt	59-2	658872	657446	652468	656262	0.51	cps
Copper	63-2	1164036	1155802	1157768	1159202	0.37	cps
Dysprosium	156-1	67	50	33	50	33.34	cps
Dysprosium	156-2	10	10	10	10	0.00	cps
Erbium	164-1	67	42	33	47	36.73	cps
Erbium	164-2	7	13	7	9	43.25	cps
Gadolinium	160-1	75	58	92	75	22.22	cps
Gadolinium	160-2	13	7	13	11	34.61	cps
Holmium	165-1	11328904	11421494	11518953	11423117	0.83	cps
Holmium	165-2	2234759	1981876	2254321	2156985	7.05	cps
Indium	115-1	8400307	8416452	8464578	8427112	0.40	cps
Indium	115-2	290403	263477	289310	281063	5.42	cps
Iron	56-2	9964192	9938132	9812766	9905030	0.82	cps
Iron	57-2	251623	248268	245999	248630	1.14	cps
Krypton	83-1	403	397	440	413	5.65	cps
Lead	206-1	2687089	2713936	2742601	2714542	1.02	cps
Lead	207-1	2358206	2361706	2389861	2369924	0.73	cps
Lead	208-1	10714584	10778095	10873305	10788662	0.74	cps
Lithium	6-1	2611212	2651565	2670651	2644476	1.15	cps
Magnesium	24-2	1354793	1338864	1344960	1346206	0.60	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-02MS	Instrumnet Name :	P8
Client Sample ID :	KY030LC066-W-1807201	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 16:00:21	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	163086	159751	159216	160684	1.31	cps
Molybdenum	94-1	6415200	6394474	6385483	6398386	0.24	cps
Molybdenum	95-1	7863968	7830620	7764042	7819543	0.65	cps
Molybdenum	96-1	8700577	8723565	8754193	8726112	0.31	cps
Molybdenum	97-1	4938364	4939390	4917207	4931654	0.25	cps
Molybdenum	98-1	12517511	12520112	12455035	12497552	0.29	cps
Neodymium	150-1	253	193	187	211	17.39	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	196884	196278	196333	196498	0.17	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	294207	292343	288499	291683	1.00	cps
Rhodium	103-1	7659495	7657512	7654371	7657126	0.03	cps
Rhodium	103-2	1934436	1785823	1956181	1892147	4.90	cps
Scandium	45-1	4888859	4883147	4899370	4890458	0.17	cps
Scandium	45-2	31472	28336	31131	30313	5.68	cps
Selenium	77-2	207	230	210	216	5.86	cps
Selenium	78-2	761	780	794	778	2.15	cps
Selenium	82-1	49225	49543	49893	49554	0.67	cps
Silicon	28-1	24234343	24279022	24261021	24258129	0.09	cps
Silver	109-1	3760904	3810773	3824964	3798880	0.89	cps
Silver	107-1	3956113	3965508	3993299	3971640	0.49	cps
Sodium	23-2	4979074	4972741	4968041	4973285	0.11	cps
Strontium	86-1	1979407	1973214	2003073	1985231	0.79	cps
Strontium	88-1	17074446	17103115	17101937	17093166	0.09	cps
Sulfur	34-1	825735	813958	816656	818783	0.75	cps
Terbium	159-1	11521607	11596406	11697552	11605188	0.76	cps
Terbium	159-2	2099268	1890443	2082649	2024120	5.73	cps
Thallium	203-1	3285942	3280406	3318148	3294832	0.62	cps
Thallium	205-1	7702262	7858441	7867478	7809394	1.19	cps
Tin	118-1	2503811	2483488	2522408	2503236	0.78	cps
Titanium	47-1	2055564	2035007	2035194	2041922	0.58	cps
Uranium	238-1	10642606	10726588	10769437	10712877	0.60	cps
Vanadium	51-2	220632	218870	219637	219713	0.40	cps
Yttrium	89-1	8635200	8616885	8644264	8632117	0.16	cps
Yttrium	89-2	217284	198203	217532	211006	5.26	cps
Zinc	66-2	94670	95254	93405	94443	1.00	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-02MS	Instrumnet Name :	P8
Client Sample ID :	KY030LC066-W-1807201	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 16:00:21	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5405629	5383498	5365588	5384905	0.37	cps
Zirconium	91-1	1189410	1182570	1189593	1187191	0.34	cps

LB Number : LB97079 Operator : Jaswal
 Lab Sample ID : J4114-02MSD Instrumnet Name : P8
 Client Sample ID : KY030LC066-W-1807201 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-02 16:03:33 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	41154	41059	41360	41191	0.37	cps
Antimony	121-1	4002293	4008460	4001375	4004043	0.10	cps
Arsenic	75-2	35256	34998	34616	34956	0.92	cps
Barium	135-1	4265670	4324138	4344005	4311271	0.94	cps
Barium	137-1	7375190	7464310	7427189	7422230	0.60	cps
Beryllium	9-1	507270	508014	510219	508501	0.30	cps
Bismuth	209-1	7504209	7495647	7486364	7495407	0.12	cps
Bismuth	209-2	1870573	1778497	1842720	1830596	2.58	cps
Boron	10-1	84809	86712	87105	86209	1.42	cps
Boron	11-1	393131	404663	410695	402830	2.22	cps
Cadmium	111-1	804767	814783	823925	814492	1.18	cps
Cadmium	106-1	86376	87198	89261	87612	1.70	cps
Cadmium	108-1	58493	59141	58217	58617	0.81	cps
Calcium	43-1	2583055	2596134	2609043	2596077	0.50	cps
Calcium	44-1	41896026	42237822	42263006	42132285	0.49	cps
Chromium	52-2	301247	296771	299959	299325	0.77	cps
Cobalt	59-2	666739	662007	663884	664210	0.36	cps
Copper	63-2	1175908	1165542	1173873	1171774	0.47	cps
Dysprosium	156-1	75	42	50	56	31.22	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	50	50	67	56	17.32	cps
Erbium	164-2	17	7	10	11	45.82	cps
Gadolinium	160-1	100	92	92	94	5.09	cps
Gadolinium	160-2	10	23	20	18	39.03	cps
Holmium	165-1	11601882	11707387	11677798	11662356	0.47	cps
Holmium	165-2	2247604	2127303	2217671	2197526	2.85	cps
Indium	115-1	8437484	8488332	8561353	8495723	0.73	cps
Indium	115-2	292661	278677	289528	286955	2.56	cps
Iron	56-2	10093940	9913389	9981205	9996178	0.91	cps
Iron	57-2	253187	251006	250586	251593	0.55	cps
Krypton	83-1	403	437	350	397	11.02	cps
Lead	206-1	2741577	2772577	2789533	2767896	0.88	cps
Lead	207-1	2415010	2422747	2462049	2433269	1.04	cps
Lead	208-1	11064481	11069786	11204430	11112899	0.71	cps
Lithium	6-1	2655486	2655746	2686777	2666003	0.67	cps
Magnesium	24-2	1353535	1340181	1343676	1345798	0.51	cps

LB Number : LB97079 Operator : Jaswal
 Lab Sample ID : J4114-02MSD Instrumnet Name : P8
 Client Sample ID : KY030LC066-W-1807201 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-02 16:03:33 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	163136	160450	160091	161226	1.03	cps
Molybdenum	94-1	6492842	6560034	6566155	6539677	0.62	cps
Molybdenum	95-1	7883147	7967807	7989921	7946959	0.71	cps
Molybdenum	96-1	8855000	8816100	8915052	8862051	0.56	cps
Molybdenum	97-1	5078811	5103304	5048543	5076886	0.54	cps
Molybdenum	98-1	12721796	12875490	12845071	12814119	0.64	cps
Neodymium	150-1	233	193	233	220	10.50	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	198002	198280	197432	197905	0.22	cps
Phosphorus	31-2	0	17	17	11	86.60	cps
Potassium	39-2	293696	288834	289094	290541	0.94	cps
Rhodium	103-1	7787612	7872898	7824619	7828376	0.55	cps
Rhodium	103-2	1943195	1885862	1953029	1927362	1.88	cps
Scandium	45-1	4933503	4910724	4971462	4938563	0.62	cps
Scandium	45-2	32057	30667	31188	31304	2.24	cps
Selenium	77-2	223	223	230	226	1.71	cps
Selenium	78-2	776	728	720	741	4.07	cps
Selenium	82-1	50221	50962	50893	50692	0.81	cps
Silicon	28-1	24076083	24347910	24318168	24247387	0.61	cps
Silver	109-1	3862327	3879501	3913254	3885027	0.67	cps
Silver	107-1	4016864	4073509	4067519	4052631	0.77	cps
Sodium	23-2	4931715	4949216	4935498	4938810	0.19	cps
Strontium	86-1	2031153	2021620	2035347	2029373	0.35	cps
Strontium	88-1	17359152	17300758	17302941	17320950	0.19	cps
Sulfur	34-1	814101	811142	814831	813358	0.24	cps
Terbium	159-1	11830135	11900115	12028369	11919540	0.84	cps
Terbium	159-2	2124495	2034347	2118458	2092433	2.41	cps
Thallium	203-1	3370844	3348665	3396239	3371916	0.71	cps
Thallium	205-1	7986416	7952752	8056263	7998477	0.66	cps
Tin	118-1	2541744	2587829	2596365	2575313	1.14	cps
Titanium	47-1	2079742	2036769	2084816	2067109	1.28	cps
Uranium	238-1	11026126	11074133	11052164	11050807	0.22	cps
Vanadium	51-2	221550	220497	221068	221038	0.24	cps
Yttrium	89-1	8701885	8835187	8824617	8787230	0.84	cps
Yttrium	89-2	217771	210496	217443	215237	1.91	cps
Zinc	66-2	96264	95845	94962	95690	0.69	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-02MSD	Instrumnet Name :	P8
Client Sample ID :	KY030LC066-W-1807201	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 16:03:33	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5463308	5500031	5502495	5488612	0.40	cps
Zirconium	91-1	1196786	1208765	1209018	1204856	0.58	cps

LB Number : LB97079 Operator : Jaswal
 Lab Sample ID : J4114-02A Instrumnet Name : P8
 Client Sample ID : KY030LC066-W-180720/ Dilution Factor : 1
 Date & Time Acquired :: 2018-08-02 16:06:45 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	41576	41272	41606	41485	0.44	cps
Antimony	121-1	3979747	4035968	4078445	4031387	1.23	cps
Arsenic	75-2	35963	35371	35117	35484	1.22	cps
Barium	135-1	4337165	4313547	4376792	4342501	0.74	cps
Barium	137-1	7483678	7468628	7564161	7505489	0.68	cps
Beryllium	9-1	511867	509864	512452	511394	0.27	cps
Bismuth	209-1	7581059	7626379	7511319	7572919	0.77	cps
Bismuth	209-2	1848494	1863386	1845453	1852444	0.52	cps
Boron	10-1	86696	88204	87826	87575	0.90	cps
Boron	11-1	397942	407076	410039	405019	1.56	cps
Cadmium	111-1	819681	827201	832165	826349	0.76	cps
Cadmium	106-1	87676	87634	88985	88098	0.87	cps
Cadmium	108-1	59154	57828	58711	58564	1.15	cps
Calcium	43-1	2646229	2640220	2643627	2643359	0.11	cps
Calcium	44-1	42615688	42785807	42900690	42767395	0.34	cps
Chromium	52-2	302539	299174	301918	301210	0.59	cps
Cobalt	59-2	670758	667732	666848	668446	0.31	cps
Copper	63-2	1173907	1170021	1182679	1175536	0.55	cps
Dysprosium	156-1	58	83	42	61	34.32	cps
Dysprosium	156-2	3	13	3	7	86.65	cps
Erbium	164-1	75	58	75	69	13.85	cps
Erbium	164-2	23	10	13	16	44.60	cps
Gadolinium	160-1	108	58	67	78	34.44	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	11867111	11759232	11769047	11798464	0.51	cps
Holmium	165-2	2256839	2242201	2234195	2244412	0.51	cps
Indium	115-1	8571816	8688725	8533890	8598144	0.94	cps
Indium	115-2	290971	292074	291733	291592	0.19	cps
Iron	56-2	9983523	10018168	10029807	10010499	0.24	cps
Iron	57-2	250536	248939	253771	251082	0.98	cps
Krypton	83-1	390	400	327	372	10.68	cps
Lead	206-1	2806304	2843998	2804785	2818362	0.79	cps
Lead	207-1	2444087	2460826	2480364	2461759	0.74	cps
Lead	208-1	11183323	11322369	11218896	11241529	0.64	cps
Lithium	6-1	2600435	2612192	2611121	2607916	0.25	cps
Magnesium	24-2	1366121	1359420	1365163	1363568	0.27	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-02A	Instrumnet Name :	P8
Client Sample ID :	KY030LC066-W-180720/	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 16:06:45	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	160962	161400	162263	161541	0.41	cps
Molybdenum	94-1	6546820	6514567	6573619	6545002	0.45	cps
Molybdenum	95-1	7937206	8002559	8018487	7986084	0.54	cps
Molybdenum	96-1	8876745	8861544	8877258	8871849	0.10	cps
Molybdenum	97-1	5097469	5063348	5131152	5097323	0.67	cps
Molybdenum	98-1	12823944	12947993	12928643	12900194	0.52	cps
Neodymium	150-1	240	213	213	222	6.93	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	200234	197643	199493	199124	0.67	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	294133	291970	291959	292687	0.43	cps
Rhodium	103-1	7832707	7962953	7892602	7896088	0.83	cps
Rhodium	103-2	1946396	1979387	1962912	1962899	0.84	cps
Scandium	45-1	4920597	5054453	4884990	4953347	1.80	cps
Scandium	45-2	31412	31472	31796	31560	0.66	cps
Selenium	77-2	200	213	247	220	10.92	cps
Selenium	78-2	846	700	739	762	9.95	cps
Selenium	82-1	50595	51024	50794	50804	0.42	cps
Silicon	28-1	24442126	24334022	24358646	24378264	0.23	cps
Silver	109-1	3902476	3901750	3927818	3910682	0.38	cps
Silver	107-1	4078086	4107454	4075162	4086901	0.44	cps
Sodium	23-2	4990167	4990648	5005223	4995346	0.17	cps
Strontium	86-1	2026598	2046963	2042491	2038684	0.52	cps
Strontium	88-1	17309734	17315279	17490451	17371821	0.59	cps
Sulfur	34-1	807753	806770	811965	808829	0.34	cps
Terbium	159-1	12107051	12014771	11964134	12028652	0.60	cps
Terbium	159-2	2136810	2101163	2105693	2114555	0.92	cps
Thallium	203-1	3422644	3390335	3465475	3426151	1.10	cps
Thallium	205-1	8134451	8055264	8075651	8088455	0.51	cps
Tin	118-1	2600076	2626223	2633602	2619967	0.67	cps
Titanium	47-1	2052245	2065542	2076609	2064799	0.59	cps
Uranium	238-1	11052344	11145891	11066429	11088221	0.45	cps
Vanadium	51-2	221830	220761	223656	222082	0.66	cps
Yttrium	89-1	8858963	8930825	8837972	8875920	0.55	cps
Yttrium	89-2	218098	216907	219553	218186	0.61	cps
Zinc	66-2	96416	95758	97825	96666	1.09	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	J4114-02A	Instrumnet Name :	P8
Client Sample ID :	KY030LC066-W-180720/	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 16:06:45	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5478279	5543652	5556517	5526150	0.76	cps
Zirconium	91-1	1205132	1217194	1226193	1216173	0.87	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 16:14:33	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	285524	284296	286991	285604	0.47	cps
Antimony	121-1	4167924	4100970	4171456	4146783	0.96	cps
Arsenic	75-2	42461	42328	42894	42561	0.70	cps
Barium	135-1	4489677	4427020	4505793	4474163	0.93	cps
Barium	137-1	7730095	7667672	7748230	7715332	0.55	cps
Beryllium	9-1	619161	617739	619102	618667	0.13	cps
Bismuth	209-1	7497587	7367296	7357351	7407411	1.06	cps
Bismuth	209-2	2017239	2013034	2010419	2013564	0.17	cps
Boron	10-1	72491	72793	74804	73363	1.71	cps
Boron	11-1	340995	346486	354630	347371	1.97	cps
Cadmium	111-1	876556	866184	872226	871655	0.60	cps
Cadmium	106-1	95949	94589	93809	94782	1.14	cps
Cadmium	108-1	62645	63490	62695	62943	0.75	cps
Calcium	43-1	4666221	4690726	4672324	4676423	0.27	cps
Calcium	44-1	76960495	77407095	77515368	77294320	0.38	cps
Chromium	52-2	371086	374472	374735	373431	0.54	cps
Cobalt	59-2	776104	775497	778765	776789	0.22	cps
Copper	63-2	1312952	1305862	1317606	1312140	0.45	cps
Dysprosium	156-1	67	117	92	92	27.27	cps
Dysprosium	156-2	7	13	13	11	34.61	cps
Erbium	164-1	67	58	92	72	24.02	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	108	117	158	128	20.96	cps
Gadolinium	160-2	13	17	20	17	20.01	cps
Holmium	165-1	12058084	12091442	11949732	12033086	0.62	cps
Holmium	165-2	2574331	2534690	2544544	2551188	0.81	cps
Indium	115-1	9038037	8941814	8864372	8948075	0.97	cps
Indium	115-2	346654	346715	343693	345687	0.50	cps
Iron	56-2	60024717	59835139	60095353	59985069	0.22	cps
Iron	57-2	1542640	1541387	1530258	1538095	0.44	cps
Krypton	83-1	390	370	373	378	2.84	cps
Lead	206-1	2799851	2794444	2783218	2792504	0.30	cps
Lead	207-1	2557760	2535268	2538463	2543830	0.48	cps
Lead	208-1	11494527	11383401	11359585	11412504	0.63	cps
Lithium	6-1	1794123	1785340	1778445	1785970	0.44	cps
Magnesium	24-2	7242343	7102713	7273754	7206270	1.26	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 16:14:33	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	200605	201013	201961	201193	0.35	cps
Molybdenum	94-1	7176842	7150711	7076251	7134601	0.73	cps
Molybdenum	95-1	8765283	8682480	8607997	8685253	0.91	cps
Molybdenum	96-1	9708743	9742855	9606002	9685866	0.74	cps
Molybdenum	97-1	5567625	5539578	5453892	5520365	1.07	cps
Molybdenum	98-1	14049520	14005529	13871433	13975494	0.66	cps
Neodymium	150-1	260	233	327	273	17.59	cps
Neodymium	150-2	13	3	3	7	86.65	cps
Nickel	60-2	231427	229188	233548	231388	0.94	cps
Phosphorus	31-2	3767	3659	3809	3745	2.07	cps
Potassium	39-2	1749032	1727129	1728007	1734723	0.71	cps
Rhodium	103-1	8165325	8063080	8071303	8099903	0.70	cps
Rhodium	103-2	2122587	2122133	2152275	2132332	0.81	cps
Scandium	45-1	5657772	5627679	5579882	5621778	0.70	cps
Scandium	45-2	38322	38931	39151	38801	1.11	cps
Selenium	77-2	283	297	313	298	5.05	cps
Selenium	78-2	941	959	982	961	2.12	cps
Selenium	82-1	55380	55409	55150	55313	0.26	cps
Silicon	28-1	2032436	2039831	2042864	2038377	0.26	cps
Silver	109-1	4204315	4077130	4088613	4123353	1.71	cps
Silver	107-1	4328963	4336912	4270884	4312253	0.84	cps
Sodium	23-2	15508196	15481099	15645285	15544860	0.57	cps
Strontium	86-1	1103059	1095167	1092790	1097005	0.49	cps
Strontium	88-1	9549674	9545800	9500155	9531876	0.29	cps
Sulfur	34-1	696416	694549	699302	696756	0.34	cps
Terbium	159-1	12334797	12383184	12129851	12282611	1.09	cps
Terbium	159-2	2399048	2393990	2368844	2387294	0.68	cps
Thallium	203-1	3443468	3443284	3435933	3440895	0.12	cps
Thallium	205-1	8156243	8233885	8121069	8170399	0.71	cps
Tin	118-1	2961745	2929614	2905816	2932392	0.96	cps
Titanium	47-1	2465035	2456173	2427144	2449451	0.81	cps
Uranium	238-1	11102773	10955578	11040535	11032962	0.67	cps
Vanadium	51-2	272213	270083	272463	271587	0.48	cps
Yttrium	89-1	9439673	9487433	9440155	9455754	0.29	cps
Yttrium	89-2	261199	262427	257887	260504	0.90	cps
Zinc	66-2	113543	114323	114430	114099	0.42	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 16:14:33	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5995814	6003140	5997260	5998738	0.06	cps
Zirconium	91-1	1325311	1334365	1312298	1323991	0.84	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 16:22:57	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3	18	23	14	73.48	cps
Antimony	121-1	2109	2017	2125	2084	2.80	cps
Arsenic	75-2	2	7	9	6	62.47	cps
Barium	135-1	83	42	92	72	37.09	cps
Barium	137-1	225	175	158	186	18.64	cps
Beryllium	9-1	278	361	339	326	13.24	cps
Bismuth	209-1	7593606	7606467	7731008	7643694	0.99	cps
Bismuth	209-2	2097787	2123503	2117343	2112878	0.64	cps
Boron	10-1	2067	2142	2250	2153	4.28	cps
Boron	11-1	9670	9220	9170	9353	2.95	cps
Cadmium	111-1	1598	1370	1337	1435	9.92	cps
Cadmium	106-1	2200	1859	1825	1961	10.58	cps
Cadmium	108-1	13	21	17	17	24.99	cps
Calcium	43-1	808	600	850	753	17.79	cps
Calcium	44-1	20800	20916	20900	20872	0.30	cps
Chromium	52-2	450	413	493	452	8.86	cps
Cobalt	59-2	73	57	37	56	33.04	cps
Copper	63-2	1233	1163	1057	1151	7.73	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	33	33	50	39	24.75	cps
Erbium	164-2	20	7	0	9	114.55	cps
Gadolinium	160-1	33	8	100	47	100.35	cps
Gadolinium	160-2	10	3	13	9	57.30	cps
Holmium	165-1	11620578	11693021	11757199	11690266	0.58	cps
Holmium	165-2	2486140	2489202	2521135	2498826	0.78	cps
Indium	115-1	9050629	9105520	9133559	9096569	0.46	cps
Indium	115-2	353078	356412	356185	355225	0.52	cps
Iron	56-2	1761	1889	1889	1846	4.00	cps
Iron	57-2	56	78	78	70	18.23	cps
Krypton	83-1	397	387	333	372	9.15	cps
Lead	206-1	428	433	389	417	5.81	cps
Lead	207-1	278	328	339	315	10.34	cps
Lead	208-1	1500	1572	1495	1522	2.85	cps
Lithium	6-1	1778731	1781432	1809490	1789884	0.95	cps
Magnesium	24-2	300	333	300	311	6.19	cps

LB Number : LB97079 Operator : Jaswal
 Lab Sample ID : CCB70 Instrumnet Name : P8
 Client Sample ID : CCB70 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-02 16:22:57 DataFile Name : 031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	77	53	61	22.05	cps
Molybdenum	94-1	1158	1192	908	1086	14.26	cps
Molybdenum	95-1	942	1017	1100	1020	7.77	cps
Molybdenum	96-1	1433	1509	1250	1397	9.51	cps
Molybdenum	97-1	825	717	592	711	16.42	cps
Molybdenum	98-1	1784	1508	1634	1642	8.39	cps
Neodymium	150-1	27	20	13	20	33.35	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	117	120	108	17.03	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2084	2400	2209	2231	7.15	cps
Rhodium	103-1	8504058	8466727	8452491	8474425	0.31	cps
Rhodium	103-2	2220435	2267080	2289472	2258995	1.56	cps
Scandium	45-1	5540182	5472121	5461292	5491199	0.78	cps
Scandium	45-2	38015	38827	38098	38313	1.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-55	-15	-11	-27	-89.41	cps
Silicon	28-1	327214	325043	326985	326414	0.37	cps
Silver	109-1	567	433	558	519	14.38	cps
Silver	107-1	525	533	575	544	4.92	cps
Sodium	23-2	6268	6418	6285	6324	1.30	cps
Strontium	86-1	758	633	492	628	21.25	cps
Strontium	88-1	467	500	533	500	6.67	cps
Sulfur	34-1	403700	402444	405288	403811	0.35	cps
Terbium	159-1	11934142	11946576	12124151	12001623	0.89	cps
Terbium	159-2	2344635	2387310	2369743	2367229	0.91	cps
Thallium	203-1	417	425	425	422	1.14	cps
Thallium	205-1	1058	1017	1117	1064	4.72	cps
Tin	118-1	2792	2467	2484	2581	7.09	cps
Titanium	47-1	233	175	225	211	14.94	cps
Uranium	238-1	192	183	158	178	9.76	cps
Vanadium	51-2	7	7	27	13	86.58	cps
Yttrium	89-1	9372092	9304915	9263798	9313602	0.59	cps
Yttrium	89-2	257531	258012	261314	258952	0.80	cps
Zinc	66-2	153	157	140	150	5.88	cps

LB Number :	LB97079	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2018-08-02 16:22:57	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1759	1875	1734	1789	4.23	cps
Zirconium	91-1	400	317	483	400	20.84	cps