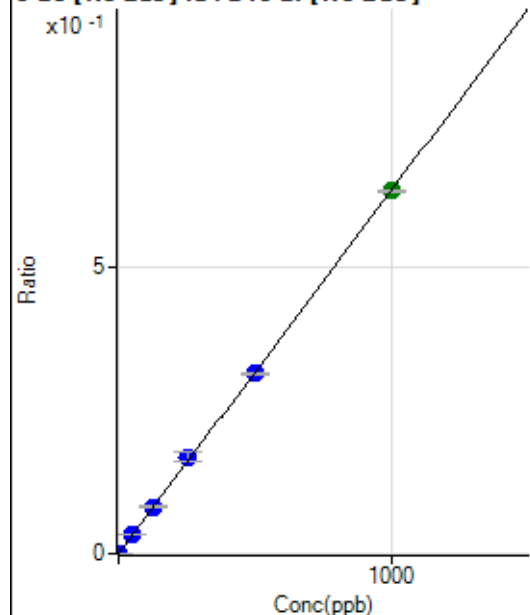


Batch Folder: D:\P8051618 MS.b\
Analysis File: P8051618 MS.batch.bin
DA Date-Time: 2018-05-16 14:31:36
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-05-16 12:59:47
2			
3	005CALS.d	S02	2018-05-16 13:07:40
4	006CALS.d	S03	2018-05-16 13:11:35
5	007CALS.d	S04	2018-05-16 13:15:45
6	008CALS.d	S05	2018-05-16 13:19:31
7	009CALS.d	S06	2018-05-16 13:23:16
8	010CALS.d	S07	2018-05-16 13:26:55
9	011CALS.d	S08	2018-05-16 13:30:32

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	124.08	0.0001	P	20.5
2	☐	0.100					
3	☐	1.000	0.929	1364.92	0.0006	P	7.0
4	☐	50.000	50.849	68271.12	0.0324	P	1.6
5	☐	125.000	128.493	168886.67	0.0817	P	4.1
6	☐	250.000	265.892	338191.65	0.1690	P	9.7
7	☐	500.000	494.696	666423.34	0.3144	P	1.7
8	☐	1000.000	998.200	1357658.57	0.6344	A	0.5
9	☐			375.94	0.0002	P	4.3

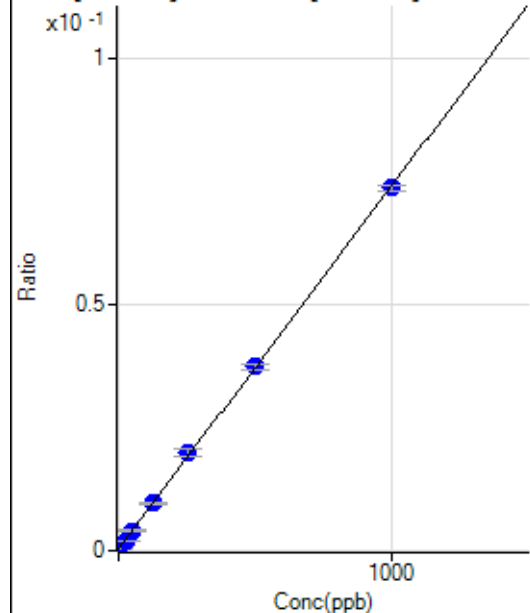
$$y = 6.3549\text{E-}004 * x + 5.9418\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.05737$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	730.61	0.0003	P	9.8
2	☐	2.500					
3	☐	25.000	21.995	4134.11	0.0020	P	6.5
4	☐	50.000	50.793	8619.66	0.0041	P	4.1
5	☐	125.000	125.473	19817.14	0.0096	P	2.2
6	☐	250.000	265.725	39822.82	0.0199	P	9.6
7	☐	500.000	502.153	79073.64	0.0373	P	2.6
8	☐	1000.000	994.969	157434.42	0.0736	P	1.3
9	☐			7135.43	0.0033	P	18.1

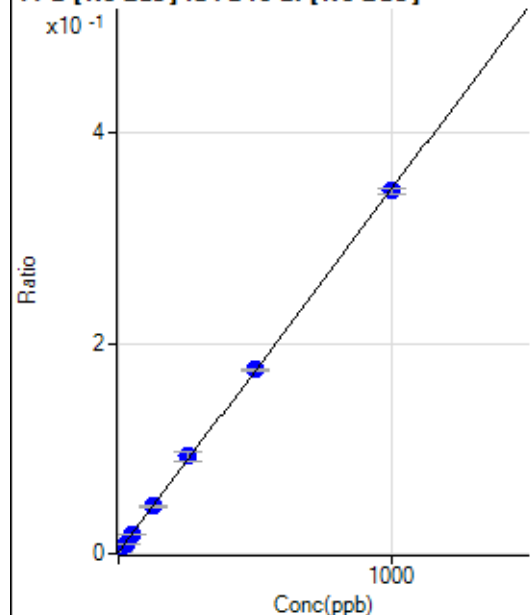
$$y = 7.3584\text{E-}005 * x + 3.4972\text{E-}004$$

$$R = 0.9998$$

$$DL = 1.392$$

Weight: <None>

Min Conc: 0

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

	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3033.78	0.0015	P	5.1
2	☐	2.500					
3	☐	25.000	21.488	18621.22	0.0089	P	3.3
4	☐	50.000	49.951	39410.96	0.0187	P	1.5
5	☐	125.000	127.701	94066.06	0.0455	P	4.1
6	☐	250.000	264.141	185119.48	0.0926	P	11.0
7	☐	500.000	502.174	370381.68	0.1747	P	1.4
8	☐	1000.000	995.131	737975.35	0.3448	P	1.7
9	☐			33209.16	0.0152	P	14.9

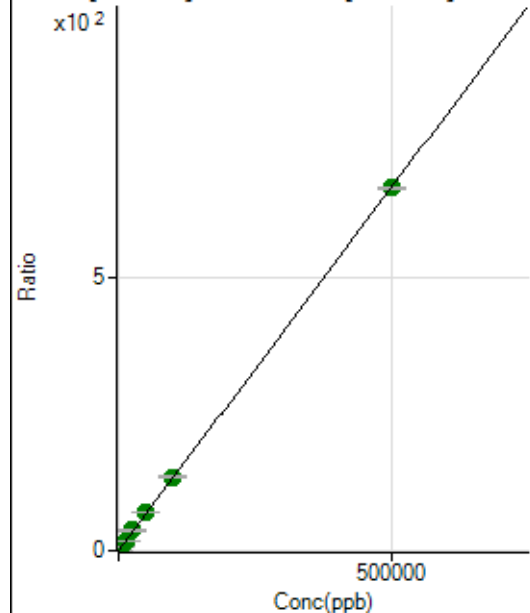
$$y = 3.4505E-004 * x + 0.0015$$

$$R = 0.9999$$

$$DL = 0.648$$

Weight: <None>

Min Conc: 0

23 Na [No Gas] ISTD:45 Sc [No Gas]

	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	547801.72	0.0763	P	1.2
2	☐	50.000					
3	☐	500.000	494.040	5270197.64	0.7333	A	1.1
4	☐	5000.000	5359.015	52170467.14	7.2028	A	0.9
5	☐	12500.000	13375.411	128496030.65	17.8630	A	3.9
6	☐	25000.000	27763.911	255765208.50	36.9969	A	10.2
7	☐	50000.000	51962.256	512796994.80	69.1760	A	0.4
8	☐	100000.00	101789.93	1032268967.5	135.437	A	0.6
9	☐	500000.00	499282.12	5171252071.1	664.024	A	0.8

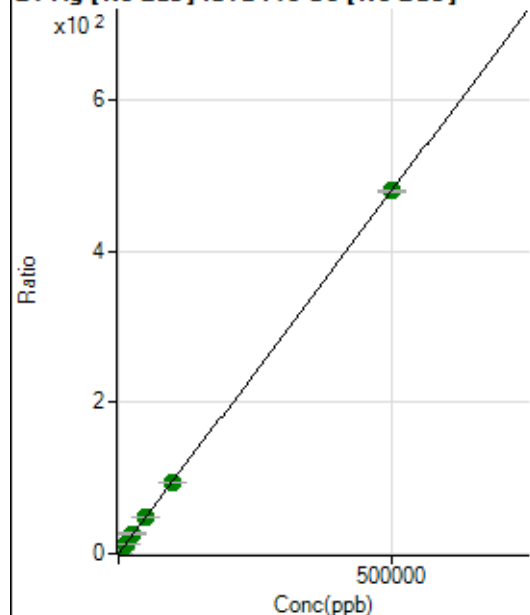
$$y = 0.0013 * x + 0.0763$$

$$R = 1.0000$$

$$DL = 2.086$$

Weight: <None>

Min Conc: 0

24 Mg [No Gas] ISTD : 45 Sc [No Gas]

	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7421.71	0.0010	P	3.1
2	☐	50.000					
3	☐	500.000	481.576	3325102.29	0.4626	A	0.8
4	☐	5000.000	5194.854	36074405.32	4.9805	A	0.8
5	☐	12500.000	13066.672	90105649.93	12.5260	A	3.9
6	☐	25000.000	26969.864	178590802.60	25.8528	A	11.3
7	☐	50000.000	50129.971	356206271.85	48.0527	A	0.8
8	☐	100000.00	98501.853	719643688.31	94.4192	A	0.4
9	☐	500000.00	500172.04	3733688172.3	479.436	A	0.8

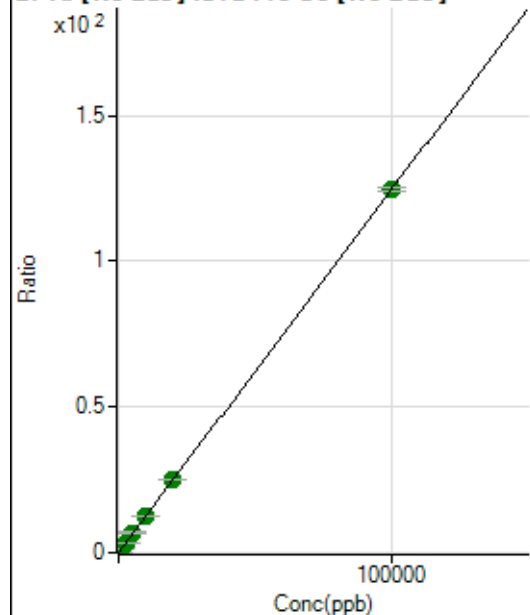
$$y = 9.5854\text{E-}004 * x + 0.0010$$

$$R = 1.0000$$

$$DL = 0.09904$$

Weight: <None>

Min Conc: 0

27 Al [No Gas] ISTD : 45 Sc [No Gas]

	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7052.10	0.0010	P	3.1
2	☐	2.000					
3	☐	20.000	19.692	183181.64	0.0255	P	0.9
4	☐	1000.000	1040.338	9384396.22	1.2956	A	0.7
5	☐	2500.000	2603.931	23318513.54	3.2414	A	3.7
6	☐	5000.000	5443.080	46825576.04	6.7746	A	10.4
7	☐	10000.000	10105.336	93229828.47	12.5765	A	0.7
8	☐	20000.000	19967.368	189398722.29	24.8493	A	0.9
9	☐	100000.00	99970.837	968891988.32	124.409	A	1.0

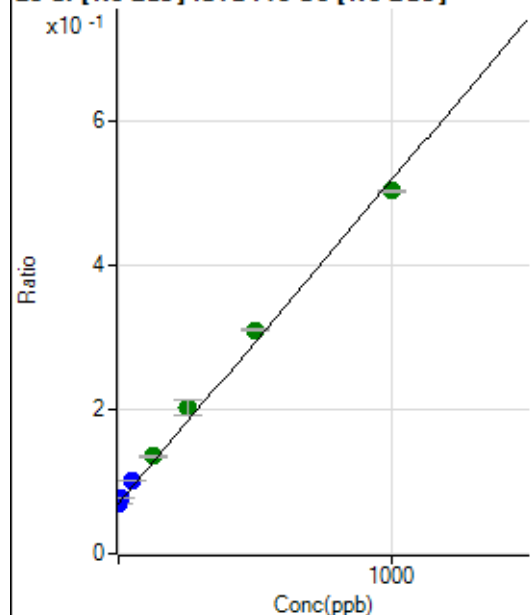
$$y = 0.0012 * x + 9.8209\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.07317$$

Weight: <None>

Min Conc: 0

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

	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	500059.90	0.0697	P	1.9
2	☐	1.000					
3	☐	10.000	18.970	561793.32	0.0782	P	0.8
4	☐	50.000	70.406	732971.53	0.1012	P	0.6
5	☐	125.000	145.479	969922.37	0.1348	A	3.1
6	☐	250.000	296.937	1400196.37	0.2026	A	10.8
7	☐	500.000	535.958	2295185.66	0.3096	A	1.2
8	☐	1000.000	966.617	3829528.12	0.5024	A	0.4
9	☐			784052.99	0.1007	P	0.8

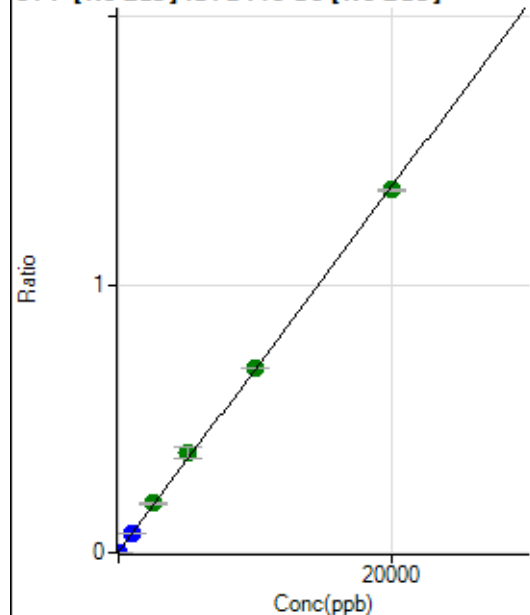
$$y = 4.4771\text{E-}004 * x + 0.0697$$

$$R = 0.9979$$

$$DL = 9.091$$

Weight: <None>

Min Conc: 0

31 P [No Gas] ISTD :45 Sc [No Gas]

	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-2.561	20615.82	0.0029	P	2.5
2	☐	0.000					
3	☐	0.000	2.561	23147.57	0.0032	P	3.0
4	☐	1000.000	1044.665	537451.66	0.0742	P	0.4
5	☐	2500.000	2652.724	1321784.43	0.1837	A	3.5
6	☐	5000.000	5459.557	2590881.92	0.3749	A	10.7
7	☐	10000.000	10068.549	5106195.51	0.6888	A	0.7
8	☐	20000.000	19829.513	10317526.01	1.3537	A	0.6
9	☐			30138.76	0.0039	P	1.2

$$y = 6.8112\text{E-}005 * x + 0.0030$$

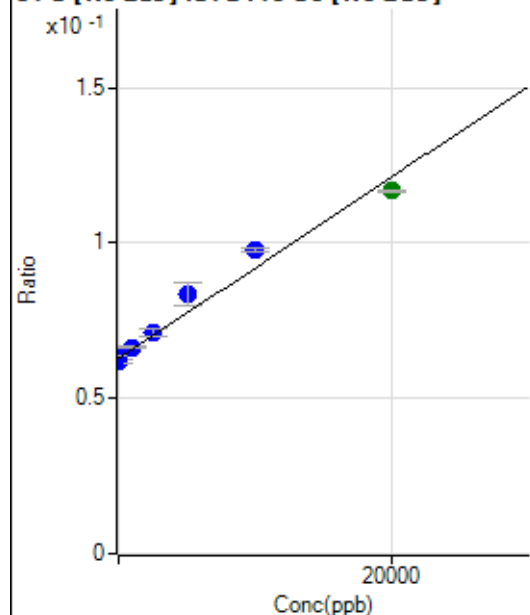
$$R = 0.9997$$

$$DL = 3.705$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-326.082	443903.92	0.0618	P	1.9
2	☐	0.000					
3	☐	0.000	326.082	458203.01	0.0638	P	0.8
4	☐	1000.000	1263.229	481599.81	0.0665	P	1.2
5	☐	2500.000	2938.571	513537.16	0.0714	P	3.6
6	☐	5000.000	7094.614	577629.68	0.0835	P	9.5
7	☐	10000.000	11886.736	722882.56	0.0975	P	1.2
8	☐	20000.000	18464.996	889710.79	0.1167	A	0.7
9	☐			426987.17	0.0548	P	0.3

$$y = 2.9208\text{E-}006 * x + 0.0628$$

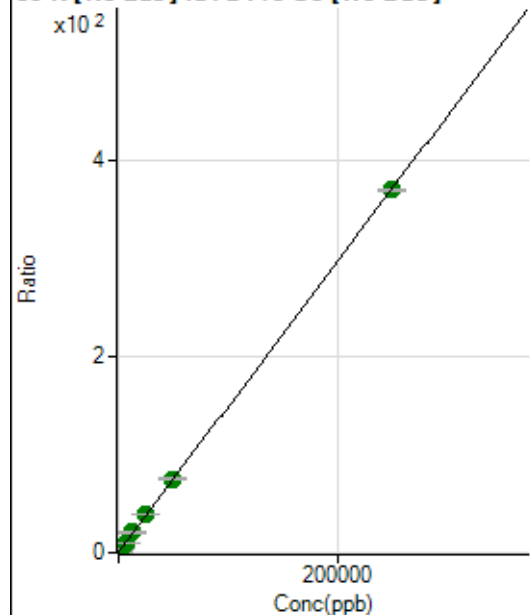
$$R = 0.9856$$

$$DL = 885.5$$

Weight: <None>

Min Conc: 0

39 K [No Gas] ISTD:45 Sc [No Gas]



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4230536.21	0.5894	A	1.8
2	☐	50.000					
3	☐	500.000	479.657	9338819.31	1.2994	A	0.8
4	☐	2500.000	2592.104	32058593.08	4.4261	A	0.9
5	☐	6250.000	6529.338	73772646.79	10.2537	A	3.2
6	☐	12500.000	13567.076	142882401.80	20.6706	A	10.3
7	☐	25000.000	25654.624	285853131.39	38.5618	A	0.7
8	☐	50000.000	50572.210	575014485.07	75.4432	A	0.7
9	☐	250000.00	249758.87	2883548464.4	370.266	A	0.4

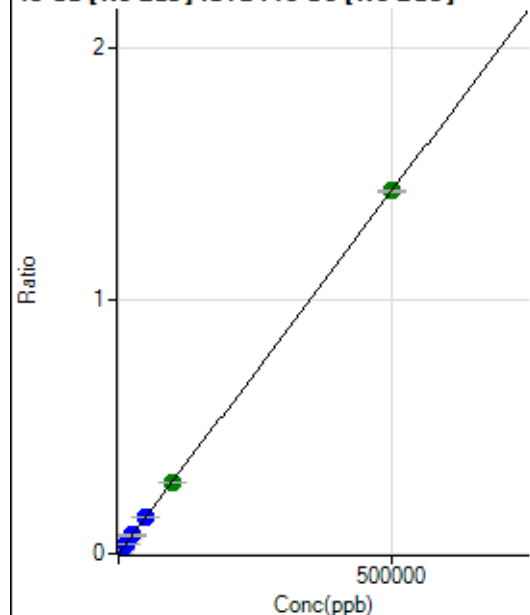
$$y = 0.0015 * x + 0.5894$$

$$R = 1.0000$$

$$DL = 21.6$$

Weight: <None>

Min Conc: 0

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

	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	797.28	0.0001	P	18.9
2	☐	50.000					
3	☐	500.000	450.864	10076.26	0.0014	P	5.1
4	☐	5000.000	5003.878	104576.92	0.0144	P	1.7
5	☐	12500.000	12626.101	260848.06	0.0363	P	4.1
6	☐	25000.000	26299.535	521268.90	0.0754	P	10.4
7	☐	50000.000	49333.736	1047946.90	0.1414	P	0.5
8	☐	100000.00	97833.545	2135889.30	0.2802	A	1.2
9	☐	500000.00	500431.79	11159897.91	1.4330	A	0.4

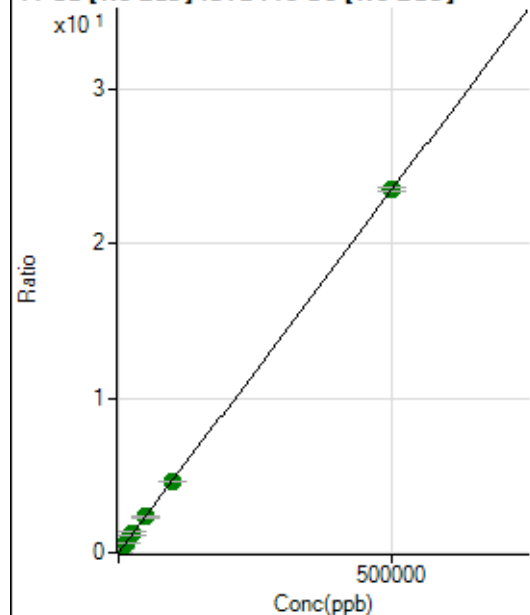
$$y = 2.8633\text{E-}006 * x + 1.1107\text{E-}004$$

R = 1.0000

DL = 21.99

Weight: <None>

Min Conc: 0

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

	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38855.25	0.0054	P	1.6
2	☐	50.000					
3	☐	500.000	447.804	189896.90	0.0264	P	0.7
4	☐	5000.000	5053.508	1756457.16	0.2425	A	0.3
5	☐	12500.000	12660.110	4311879.35	0.5994	A	3.5
6	☐	25000.000	26321.751	8570656.01	1.2403	A	10.8
7	☐	50000.000	48983.674	17075454.89	2.3034	A	0.2
8	☐	100000.00	97241.752	34812604.25	4.5674	A	0.7
9	☐	500000.00	500582.70	182938088.81	23.4899	A	1.1

$$y = 4.6914\text{E-}005 * x + 0.0054$$

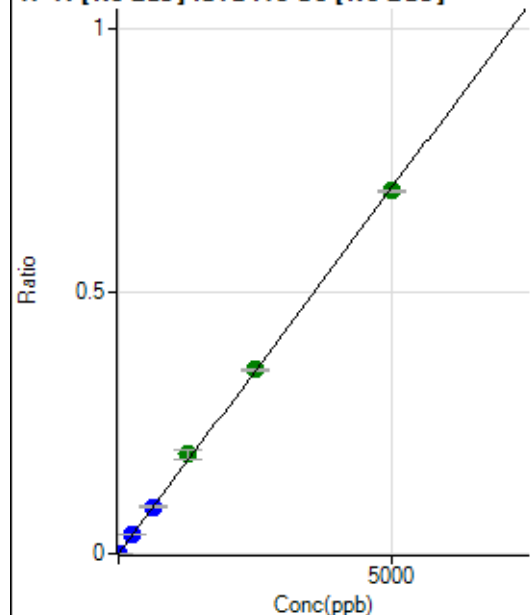
R = 1.0000

DL = 5.641

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	244.46	0.0000	P	4.8
2	☐	0.500					
3	☐	5.000	4.648	4903.86	0.0007	P	4.1
4	☐	250.000	255.196	258082.68	0.0356	P	0.2
5	☐	625.000	637.854	640328.62	0.0890	P	3.5
6	☐	1250.000	1355.159	1306807.35	0.1891	A	10.4
7	☐	2500.000	2519.319	2605192.31	0.3514	A	1.1
8	☐	5000.000	4962.184	5275785.45	0.6922	A	0.7
9	☐			1627.94	0.0002	P	4.8

$$y = 1.3949\text{E-}004 * x + 3.4065\text{E-}005$$

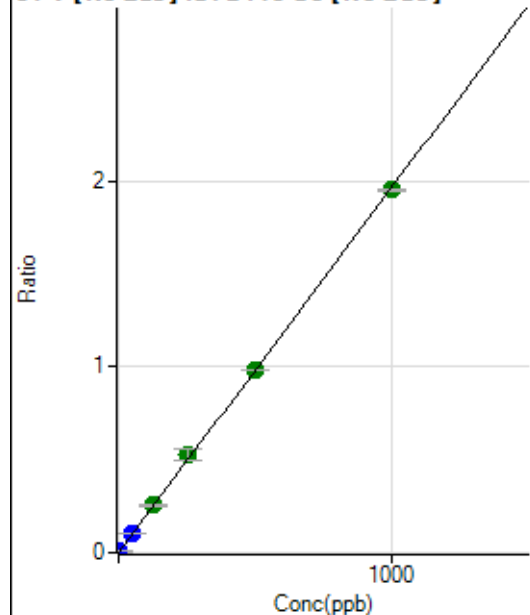
$$R = 0.9997$$

$$DL = 0.03518$$

Weight: <None>

Min Conc: 0

51 V [No Gas] ISTD:45 Sc [No Gas]



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	627.82	0.0001	P	17.7
2	☐	0.100					
3	☐	1.000	4.604	65644.11	0.0091	P	0.8
4	☐	50.000	51.298	730696.69	0.1009	P	0.2
5	☐	125.000	129.312	1828729.97	0.2542	A	3.0
6	☐	250.000	269.122	3655515.71	0.5289	A	10.4
7	☐	500.000	500.949	7296984.62	0.9844	A	0.6
8	☐	1000.000	994.138	14888426.90	1.9534	A	0.4
9	☐			8161.09	0.0010	P	4.0

$$y = 0.0020 * x + 8.7628\text{E-}005$$

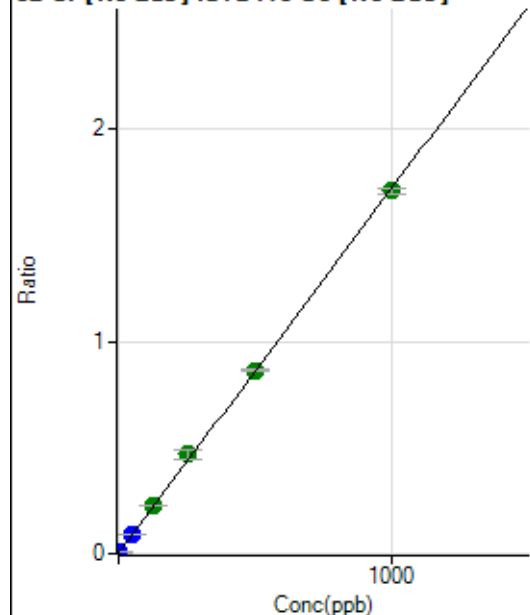
$$R = 0.9998$$

$$DL = 0.02363$$

Weight: <None>

Min Conc: 0

52 Cr [No Gas] ISTD :45 Sc [No Gas]



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10262.54	0.0014	P	0.9
2	☐	0.200					
3	☐	2.000	2.132	36607.38	0.0051	P	1.8
4	☐	50.000	51.238	648093.55	0.0895	P	0.8
5	☐	125.000	130.334	1621750.25	0.2254	A	2.9
6	☐	250.000	270.962	3228521.58	0.4670	A	10.3
7	☐	500.000	500.559	6386737.51	0.8616	A	0.8
8	☐	1000.000	993.751	13026619.47	1.7091	A	1.3
9	☐			646951.78	0.0831	P	1.4

$$y = 0.0017 * x + 0.0014$$

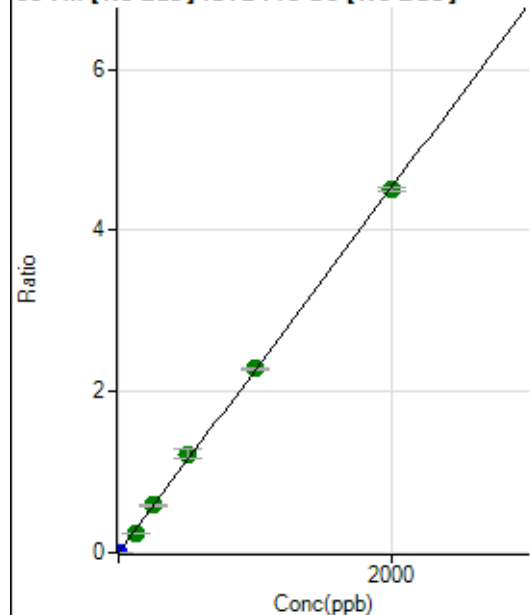
$$R = 0.9998$$

$$DL = 0.02342$$

Weight: <None>

Min Conc: 0

55 Mn [No Gas] ISTD :45 Sc [No Gas]



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11496.92	0.0016	P	3.1
2	☐	0.100					
3	☐	1.000	1.008	27918.00	0.0039	P	1.5
4	☐	125.000	104.904	1732404.36	0.2392	A	1.5
5	☐	250.000	259.452	4238517.93	0.5892	A	3.8
6	☐	500.000	539.602	8457736.21	1.2237	A	10.5
7	☐	1000.000	1006.854	16915447.60	2.2819	A	0.4
8	☐	2000.000	1986.747	34307034.10	4.5011	A	1.2
9	☐			190589.60	0.0245	P	0.3

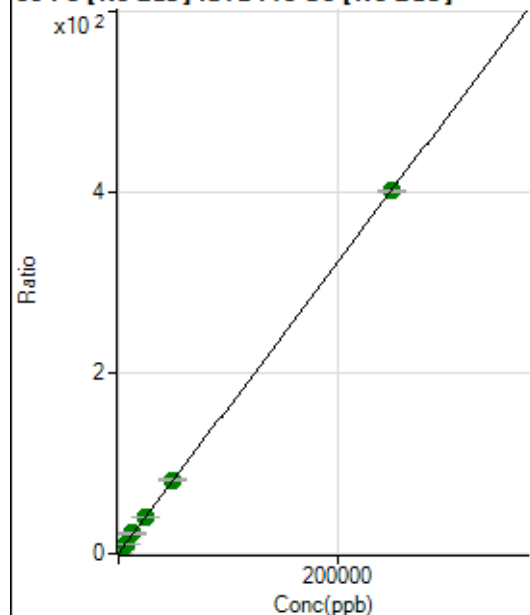
$$y = 0.0023 * x + 0.0016$$

$$R = 0.9997$$

$$DL = 0.0661$$

Weight: <None>

Min Conc: 0

56 Fe [No Gas] ISTD :45 Sc [No Gas]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2301595.74	0.3207	A	2.7
2	☐	50.000					
3	☐	500.000	47.267	2849805.16	0.3965	A	1.3
4	☐	2500.000	2609.376	32639451.08	4.5062	A	0.6
5	☐	6250.000	6535.268	77730220.49	10.8035	A	3.1
6	☐	12500.000	13717.811	154306524.28	22.3246	A	10.4
7	☐	25000.000	25528.188	305929381.84	41.2689	A	0.1
8	☐	50000.000	50642.759	621579869.45	81.5536	A	0.9
9	☐	250000.00	249750.41	3122222069.7	400.929	A	0.8

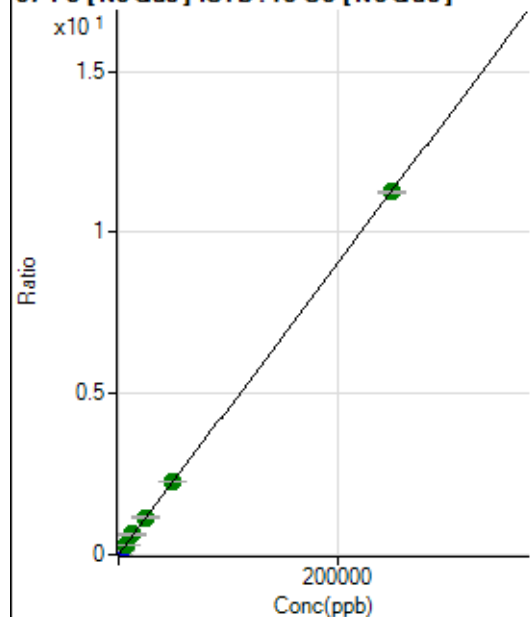
$$y = 0.0016 * x + 0.3207$$

$$R = 1.0000$$

$$DL = 16.46$$

Weight: <None>

Min Conc: 0

57 Fe [No Gas] ISTD :45 Sc [No Gas]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	39117.24	0.0055	P	1.8
2	☐	50.000					
3	☐	500.000	54.339	56764.10	0.0079	P	1.7
4	☐	2500.000	2668.768	910391.45	0.1257	P	0.9
5	☐	6250.000	6753.306	2227711.75	0.3097	A	4.5
6	☐	12500.000	13865.436	4356919.85	0.6302	A	9.9
7	☐	25000.000	25650.435	8607495.76	1.1611	A	0.6
8	☐	50000.000	50686.118	17446987.02	2.2891	A	0.5
9	☐	250000.00	249716.08	87662617.24	11.2563	A	0.8

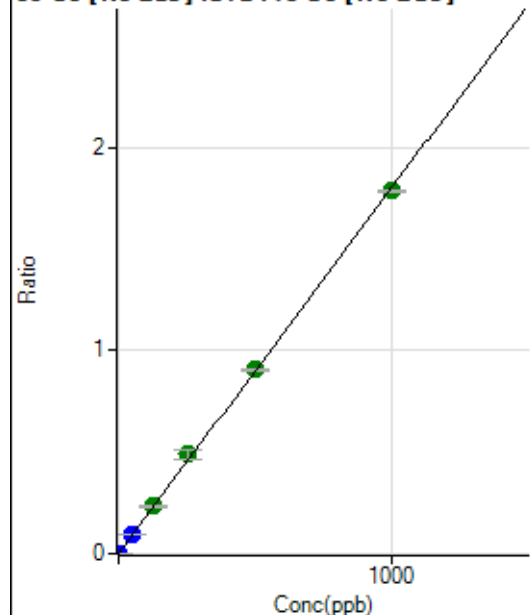
$$y = 4.5055E-005 * x + 0.0055$$

$$R = 1.0000$$

$$DL = 6.59$$

Weight: <None>

Min Conc: 0

59 Co [No Gas] ISTD:45 Sc [No Gas]

	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	716.72	0.0001	P	4.9
2	☐	0.100					
3	☐	1.000	0.965	13192.93	0.0018	P	1.5
4	☐	50.000	52.169	680432.93	0.0939	P	1.4
5	☐	125.000	131.120	1697386.21	0.2360	A	3.9
6	☐	250.000	271.293	3376445.35	0.4881	A	9.2
7	☐	500.000	503.158	6710227.49	0.9052	A	0.4
8	☐	1000.000	992.224	13604326.34	1.7849	A	0.6
9	☐			26395.44	0.0034	P	3.3

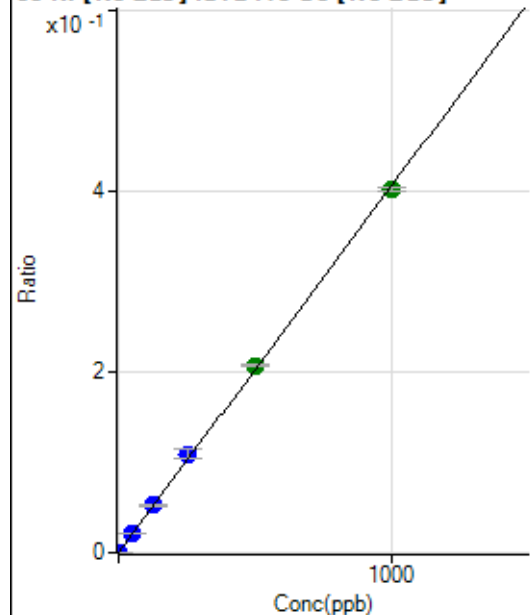
$$y = 0.0018 * x + 9.9835E-005$$

$$R = 0.9997$$

$$DL = 0.008106$$

Weight: <None>

Min Conc: 0

60 Ni [No Gas] ISTD:45 Sc [No Gas]

	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	358.35	0.0001	P	24.3
2	☐	0.100					
3	☐	1.000	1.046	3406.13	0.0005	P	1.0
4	☐	50.000	52.504	154402.65	0.0213	P	0.9
5	☐	125.000	129.598	377944.64	0.0525	P	4.3
6	☐	250.000	268.885	753111.23	0.1090	P	10.5
7	☐	500.000	510.326	1532699.64	0.2068	A	1.3
8	☐	1000.000	989.416	3054931.88	0.4008	A	1.0
9	☐			96887.69	0.0124	P	0.5

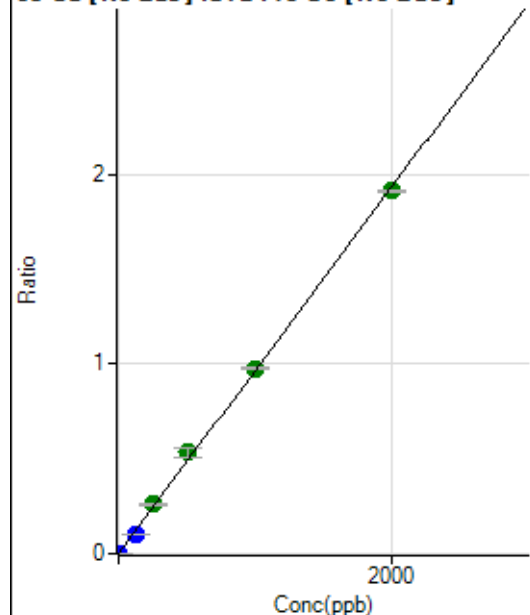
$$y = 4.0505E-004 * x + 5.0061E-005$$

$$R = 0.9997$$

$$DL = 0.09026$$

Weight: <None>

Min Conc: 0

63 Cu [No Gas] ISTD:45 Sc [No Gas]

	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3631.22	0.0005	P	1.6
2	☐	0.200					
3	☐	2.000	1.845	16452.09	0.0023	P	1.3
4	☐	125.000	105.702	743717.25	0.1027	P	1.1
5	☐	250.000	267.788	1865603.90	0.2594	A	4.0
6	☐	500.000	551.504	3686883.68	0.5336	A	11.0
7	☐	1000.000	1011.062	7248431.24	0.9778	A	0.6
8	☐	2000.000	1980.576	14595395.99	1.9150	A	0.9
9	☐			86086.85	0.0111	P	2.3

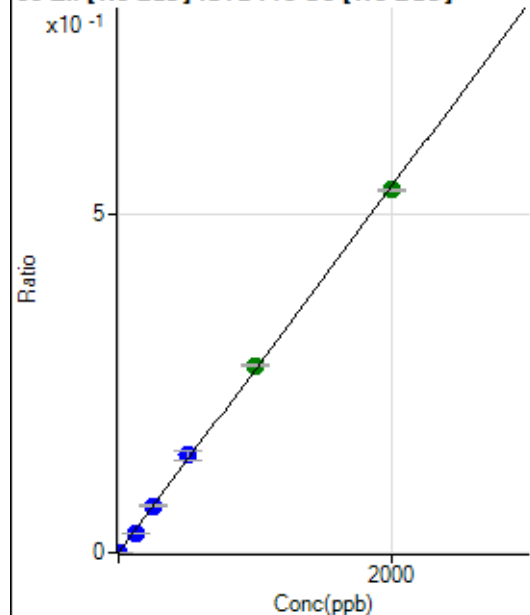
$$y = 9.6662\text{E-}004 * x + 5.0573\text{E-}004$$

$$R = 0.9995$$

$$DL = 0.02527$$

Weight: <None>

Min Conc: 0

66 Zn [No Gas] ISTD:45 Sc [No Gas]

	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	833.40	0.0001	P	11.1
2	☐	0.200					
3	☐	2.000	1.955	4628.80	0.0006	P	4.9
4	☐	125.000	102.668	201653.40	0.0278	P	0.6
5	☐	250.000	256.935	499947.08	0.0695	P	3.7
6	☐	500.000	530.326	990756.65	0.1433	P	10.2
7	☐	1000.000	1021.930	2046441.00	0.2761	A	1.2
8	☐	2000.000	1981.982	4080094.41	0.5353	A	0.7
9	☐			20582.65	0.0026	P	1.9

$$y = 2.7003\text{E-}004 * x + 1.1605\text{E-}004$$

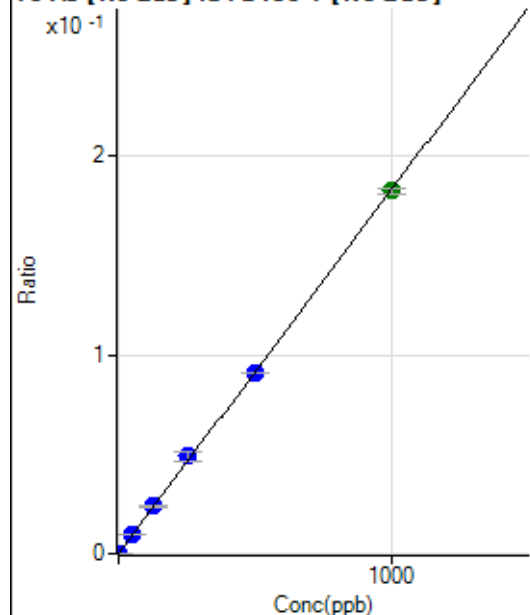
$$R = 0.9997$$

$$DL = 0.1425$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:89 Y [No Gas]



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	322.24	0.0000	P	21.2
2	☐	0.100					
3	☐	1.000	0.839	2083.58	0.0002	P	4.6
4	☐	50.000	50.613	108095.08	0.0093	P	0.2
5	☐	125.000	130.725	273000.40	0.0239	P	2.8
6	☐	250.000	267.396	547411.38	0.0489	P	10.2
7	☐	500.000	496.215	1094817.59	0.0908	P	0.9
8	☐	1000.000	996.797	2262732.43	0.1824	A	1.4
9	☐			1327.91	0.0001	P	5.2

$$y = 1.8295E-004 * x + 2.8281E-005$$

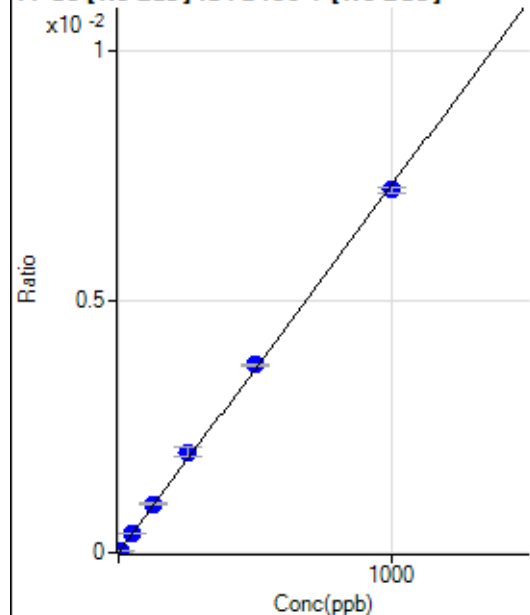
$$R = 0.9998$$

$$DL = 0.09819$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.44	0.0000	P	13.1
2	☐	0.500					
3	☐	5.000	4.929	471.62	0.0000	P	3.4
4	☐	50.000	52.203	4498.70	0.0004	P	1.0
5	☐	125.000	132.690	11111.92	0.0010	P	3.1
6	☐	250.000	273.409	22393.04	0.0020	P	10.6
7	☐	500.000	510.655	45045.87	0.0037	P	1.0
8	☐	1000.000	987.749	89598.28	0.0072	P	1.7
9	☐			129.63	0.0000	P	6.8

$$y = 7.3069E-006 * x + 5.1128E-006$$

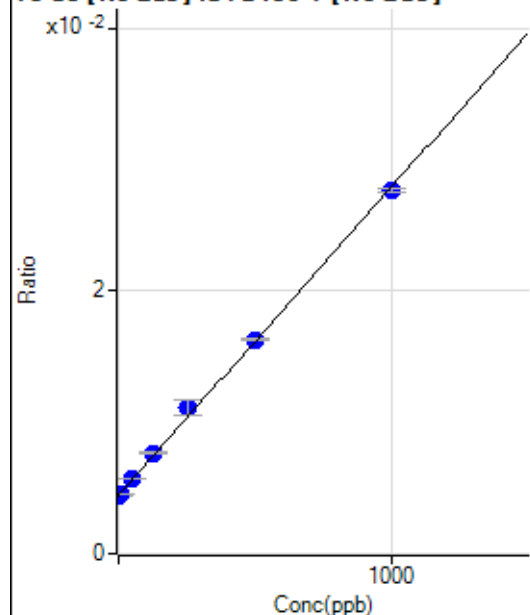
$$R = 0.9996$$

$$DL = 0.2754$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50797.82	0.0044	P	2.4
2	☐	0.500					
3	☐	5.000	3.316	51889.08	0.0045	P	1.6
4	☐	50.000	51.083	65723.98	0.0056	P	0.3
5	☐	125.000	137.152	87410.82	0.0077	P	2.7
6	☐	250.000	285.284	124544.50	0.0111	P	10.9
7	☐	500.000	505.322	196563.54	0.0163	P	0.5
8	☐	1000.000	986.953	342452.35	0.0276	P	0.9
9	☐			56062.42	0.0044	P	1.5

$$y = 2.3460E-005 * x + 0.0044$$

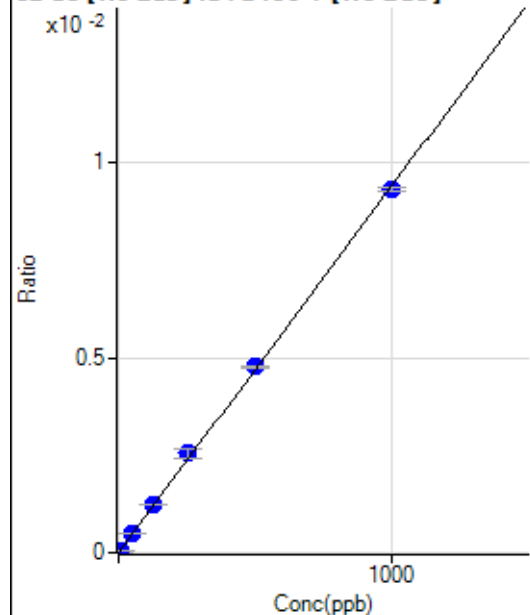
$$R = 0.9992$$

$$DL = 13.71$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.99	0.0000	P	34.8
2	☐	0.500					
3	☐	5.000	4.511	500.77	0.0000	P	12.5
4	☐	50.000	51.162	5613.90	0.0005	P	2.0
5	☐	125.000	131.927	14160.44	0.0012	P	2.6
6	☐	250.000	270.855	28492.21	0.0025	P	10.7
7	☐	500.000	507.101	57510.71	0.0048	P	1.1
8	☐	1000.000	990.314	115561.39	0.0093	P	1.1
9	☐			58.06	0.0000	P	16.4

$$y = 9.4047E-006 * x + 1.2189E-006$$

$$R = 0.9997$$

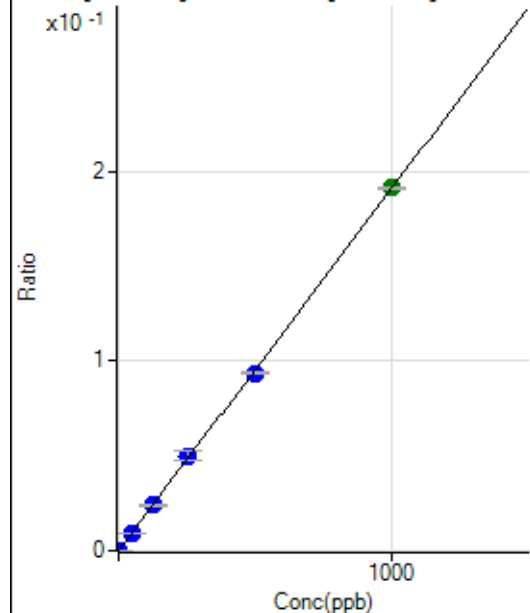
$$DL = 0.1352$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			400.01		P	2.9
2	☐						
3	☐			440.02		P	13.2
4	☐			438.90		P	5.8
5	☐			407.79		P	7.7
6	☐			471.13		P	0.8
7	☐			450.02		P	3.2
8	☐			424.46		P	14.5
9	☐			474.46		P	5.7

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	688.94	0.0001	P	6.8
2	☐	0.100					
3	☐	1.000	0.928	2722.62	0.0002	P	10.5
4	☐	50.000	49.553	110895.22	0.0095	P	0.7
5	☐	125.000	126.439	276112.02	0.0242	P	3.4
6	☐	250.000	262.217	561030.36	0.0502	P	10.1
7	☐	500.000	489.351	1128007.05	0.0936	P	1.0
8	☐	1000.000	1002.113	2376505.52	0.1915	A	0.3
9	☐			79135.52	0.0062	P	2.4

$$y = 1.9107E-004 * x + 6.0274E-005$$

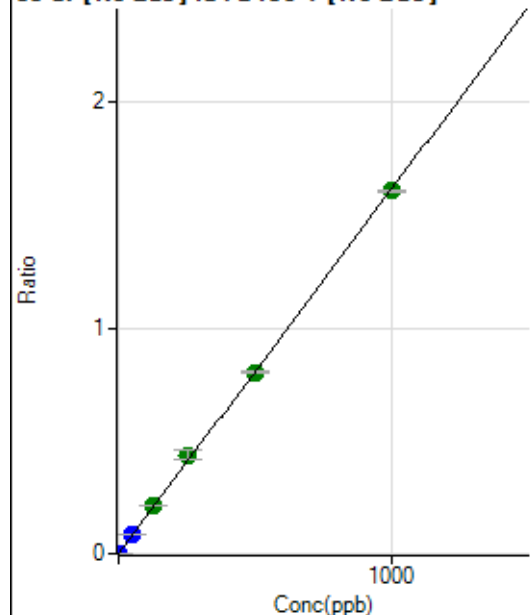
$$R = 0.9998$$

$$DL = 0.06446$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	125.01	0.0000	P	24.5
2	☐	0.100					
3	☐	1.000	0.959	17862.38	0.0016	P	3.3
4	☐	50.000	50.768	953661.89	0.0819	P	0.3
5	☐	125.000	131.421	2418114.96	0.2121	A	3.1
6	☐	250.000	269.835	4870330.40	0.4355	A	10.2
7	☐	500.000	497.741	9684876.26	0.8033	A	0.3
8	☐	1000.000	995.330	19931033.95	1.6063	A	0.4
9	☐			679100.76	0.0533	P	1.7

$$y = 0.0016 * x + 1.0959E-005$$

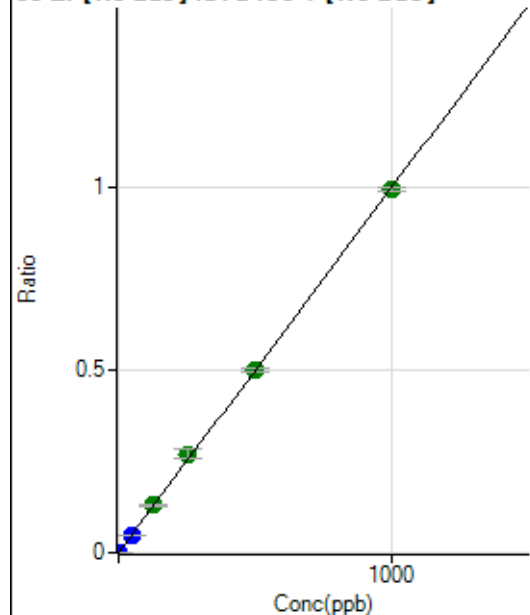
$$R = 0.9998$$

$$DL = 0.00499$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	633.38	0.0001	P	14.7
2	☐	0.100					
3	☐	1.000	0.898	10941.10	0.0010	P	0.9
4	☐	50.000	49.737	579929.77	0.0498	P	1.1
5	☐	125.000	129.986	1483384.15	0.1301	A	4.1
6	☐	250.000	269.901	3021223.48	0.2702	A	10.3
7	☐	500.000	500.533	6039448.96	0.5010	A	1.4
8	☐	1000.000	994.148	12343904.88	0.9950	A	0.9
9	☐			4550.95	0.0004	P	6.7

$$y = 0.0010 * x + 5.5352E-005$$

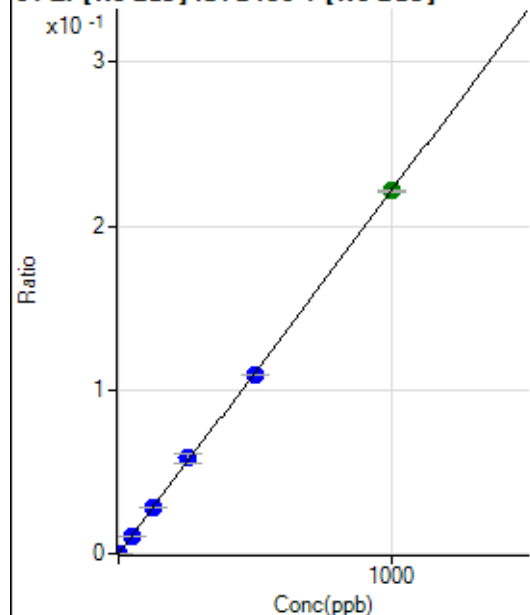
$$R = 0.9998$$

$$DL = 0.02442$$

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	186.12	0.0000	P	18.8
2	☐	0.100					
3	☐	1.000	0.897	2464.22	0.0002	P	0.5
4	☐	50.000	49.566	127958.40	0.0110	P	1.4
5	☐	125.000	127.493	322163.54	0.0283	P	2.8
6	☐	250.000	263.833	653515.59	0.0585	P	10.7
7	☐	500.000	493.029	1316828.19	0.1092	P	0.3
8	☐	1000.000	999.737	2747601.30	0.2215	A	0.6
9	☐			1013.97	0.0001	P	7.2

$$y = 2.2150E-004 * x + 1.6265E-005$$

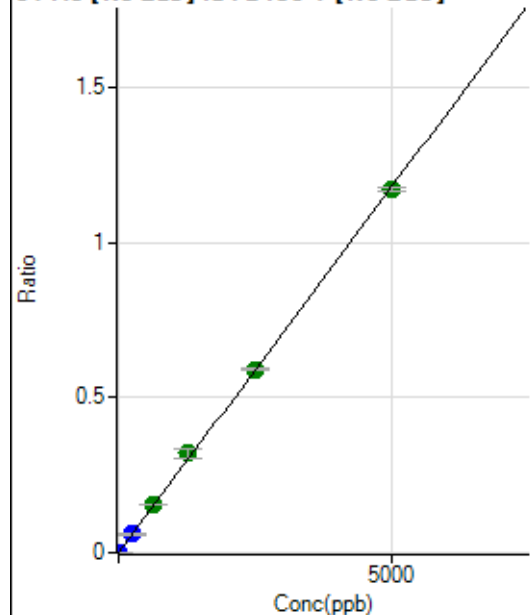
$$R = 0.9999$$

$$DL = 0.04133$$

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	525.03	0.0000	P	12.4
2	☐	0.500					
3	☐	5.000	4.492	12653.71	0.0011	P	2.9
4	☐	250.000	250.977	688468.42	0.0592	P	1.0
5	☐	625.000	653.321	1755028.08	0.1539	A	2.4
6	☐	1250.000	1360.980	3585148.65	0.3206	A	10.3
7	☐	2500.000	2511.361	7132289.66	0.5915	A	0.8
8	☐	5000.000	4962.986	14502073.42	1.1690	A	1.2
9	☐			19367.42	0.0015	P	4.5

$$y = 2.3553E-004 * x + 4.5957E-005$$

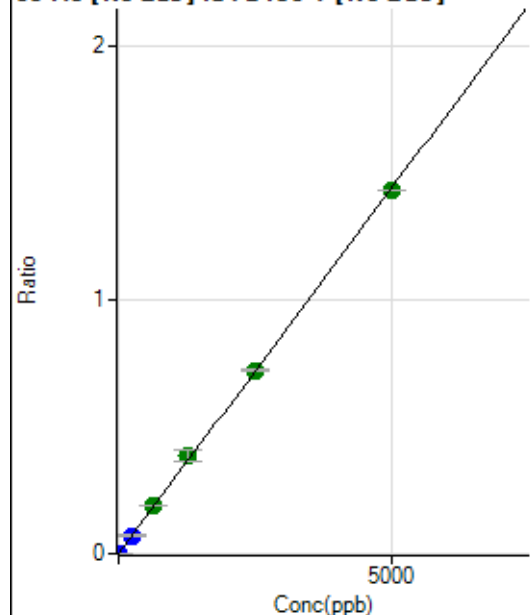
$$R = 0.9997$$

$$DL = 0.07259$$

Weight: <None>

Min Conc: 0

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	438.91	0.0000	P	7.7
2	☐	0.500					
3	☐	5.000	4.460	15186.93	0.0013	P	1.2
4	☐	250.000	249.507	837793.30	0.0720	P	0.6
5	☐	625.000	658.963	2166871.57	0.1901	A	3.0
6	☐	1250.000	1347.599	4344596.84	0.3886	A	10.8
7	☐	2500.000	2512.873	8736552.88	0.7247	A	1.0
8	☐	5000.000	4964.943	17764310.47	1.4318	A	0.1
9	☐			32130.79	0.0025	P	3.6

$$y = 2.8837E-004 * x + 3.8412E-005$$

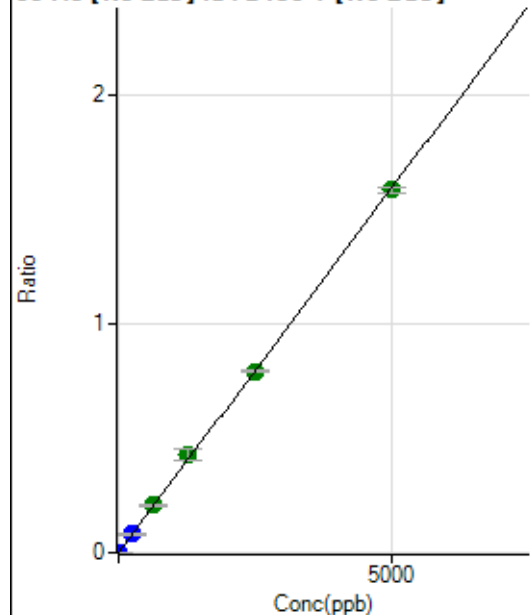
$$R = 0.9998$$

$$DL = 0.03081$$

Weight: <None>

Min Conc: 0

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	516.70	0.0000	P	12.5
2	☐	0.500					
3	☐	5.000	4.564	17180.99	0.0015	P	4.5
4	☐	250.000	251.006	930859.30	0.0800	P	0.5
5	☐	625.000	646.747	2348429.85	0.2060	A	3.7
6	☐	1250.000	1344.135	4785310.74	0.4281	A	11.0
7	☐	2500.000	2491.115	9565539.88	0.7934	A	0.4
8	☐	5000.000	4978.140	19668913.46	1.5855	A	1.4
9	☐			35452.85	0.0028	P	0.9

$$y = 3.1847E-004 * x + 4.5310E-005$$

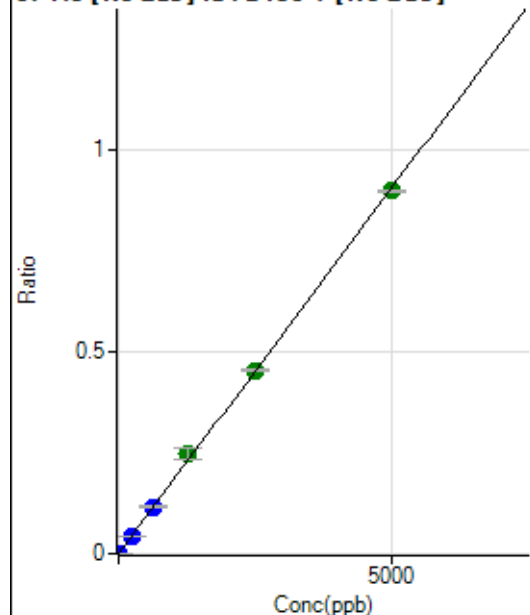
$$R = 0.9998$$

$$DL = 0.05346$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	308.35	0.0000	P	4.2
2	☐	0.500					
3	☐	5.000	4.496	9637.19	0.0008	P	1.5
4	☐	250.000	248.611	523882.05	0.0450	P	0.7
5	☐	625.000	636.393	1313056.21	0.1152	P	3.5
6	☐	1250.000	1365.096	2760075.33	0.2470	A	11.8
7	☐	2500.000	2509.818	5475823.48	0.4542	A	0.5
8	☐	5000.000	4964.963	11147381.24	0.8985	A	0.2
9	☐			19773.49	0.0016	P	4.4

$$y = 1.8095E-004 * x + 2.6997E-005$$

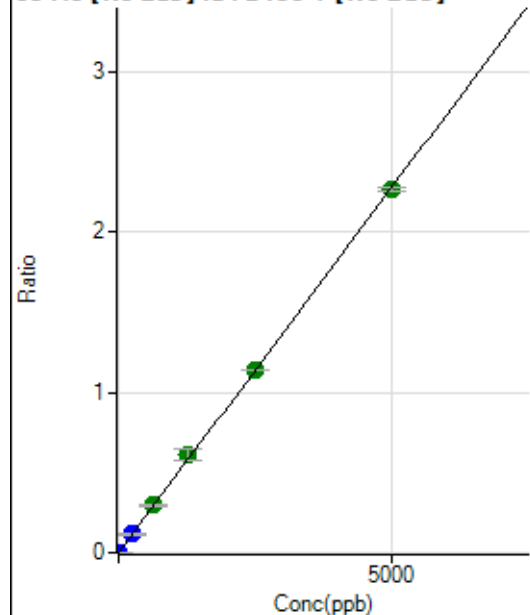
$$R = 0.9997$$

$$DL = 0.01878$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	686.16	0.0001	P	21.2
2	☐	0.500					
3	☐	5.000	4.505	24219.78	0.0021	P	1.0
4	☐	250.000	250.821	1330633.07	0.1143	P	0.8
5	☐	625.000	648.634	3369833.71	0.2956	A	3.1
6	☐	1250.000	1341.812	6829789.65	0.6114	A	12.0
7	☐	2500.000	2506.447	13768538.68	1.1420	A	0.2
8	☐	5000.000	4970.829	28097038.83	2.2648	A	1.2
9	☐			48421.40	0.0038	P	6.0

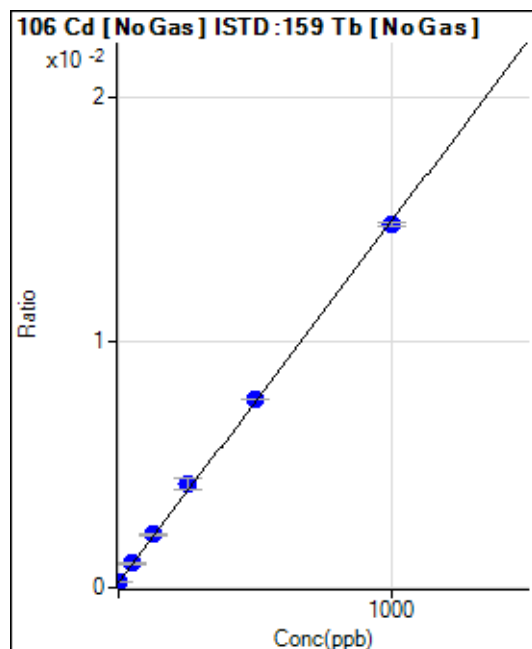
$$y = 4.5560E-004 * x + 6.0220E-005$$

$$R = 0.9998$$

$$DL = 0.08411$$

Weight: <None>

Min Conc: 0



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2250.30	0.0002	P	3.1
2	☐	0.100					
3	☐	1.000	0.616	2375.33	0.0002	P	11.6
4	☐	50.000	53.666	11105.05	0.0010	P	4.4
5	☐	125.000	133.891	24211.70	0.0022	P	4.7
6	☐	250.000	273.643	46706.93	0.0042	P	11.9
7	☐	500.000	506.244	91784.04	0.0077	P	0.5
8	☐	1000.000	989.673	181182.24	0.0148	P	0.9
9	☐			2439.23	0.0002	P	1.1

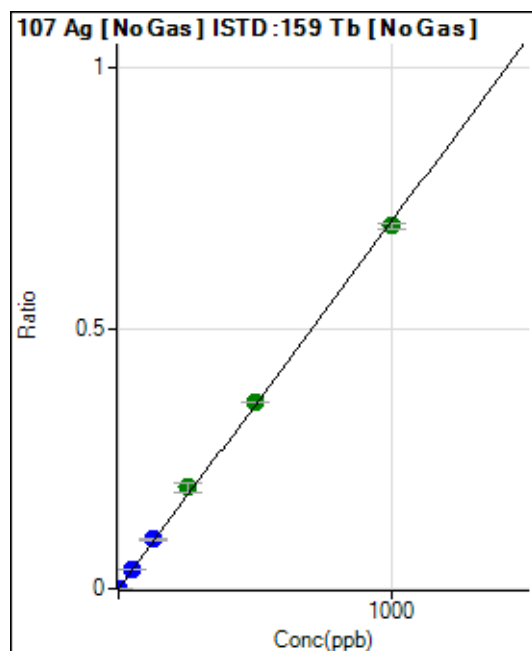
$$y = 1.4714\text{E-}005 * x + 2.0761\text{E-}004$$

$$R = 0.9996$$

$$DL = 1.298$$

Weight: <None>

Min Conc: 0



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	108.34	0.0000	P	19.8
2	☐	0.100					
3	☐	1.000	0.995	7802.57	0.0007	P	5.7
4	☐	50.000	53.946	424009.93	0.0381	P	0.9
5	☐	125.000	134.444	1055002.40	0.0949	P	3.1
6	☐	250.000	276.141	2152370.04	0.1948	A	9.6
7	☐	500.000	507.769	4295057.47	0.3583	A	0.8
8	☐	1000.000	988.202	8553474.58	0.6973	A	1.4
9	☐			1494.60	0.0001	P	11.8

$$y = 7.0557\text{E-}004 * x + 9.9901\text{E-}006$$

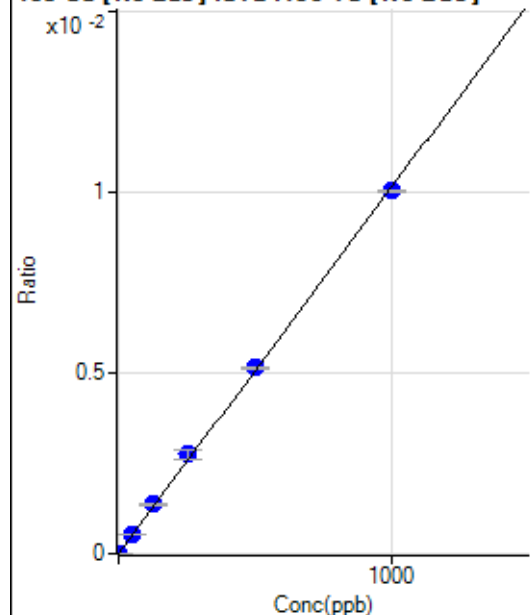
$$R = 0.9996$$

$$DL = 0.00842$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9.72	0.0000	P	23.8
2	☐	0.100					
3	☐	1.000	1.039	125.00	0.0000	P	7.2
4	☐	50.000	53.785	6070.94	0.0005	P	2.5
5	☐	125.000	134.468	15143.50	0.0014	P	2.7
6	☐	250.000	270.707	30246.75	0.0027	P	10.9
7	☐	500.000	506.447	61439.68	0.0051	P	1.6
8	☐	1000.000	990.227	122928.23	0.0100	P	0.8
9	☐			54.16	0.0000	P	13.6

$$y = 1.0119\text{E-}005 * x + 8.9548\text{E-}007$$

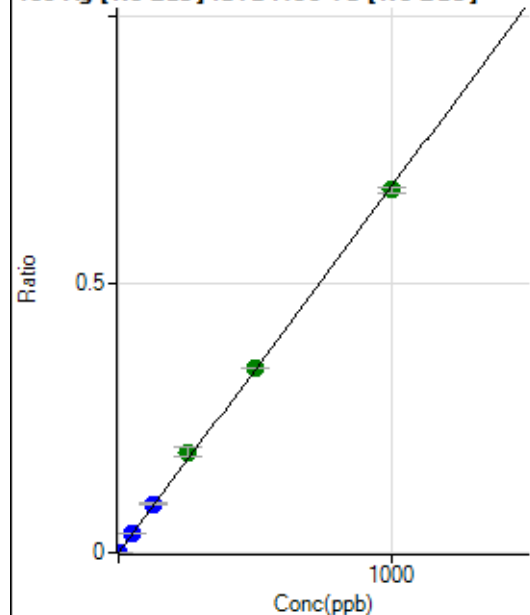
$$R = 0.9997$$

$$DL = 0.0631$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	75.01	0.0000	P	20.1
2	☐	0.100					
3	☐	1.000	1.009	7613.59	0.0007	P	2.2
4	☐	50.000	52.717	400363.39	0.0359	P	0.4
5	☐	125.000	132.433	1004214.25	0.0903	P	2.8
6	☐	250.000	274.075	2064808.42	0.1869	A	9.2
7	☐	500.000	504.029	4119579.82	0.3436	A	0.1
8	☐	1000.000	990.902	8287601.40	0.6756	A	1.5
9	☐			1391.81	0.0001	P	2.4

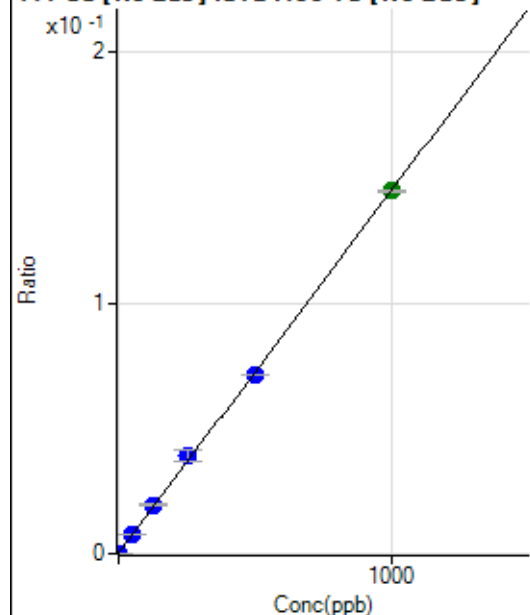
$$y = 6.8179\text{E-}004 * x + 6.9292\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.006132$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1586.46	0.0001	P	3.4
2	☐	0.100					
3	☐	1.000	0.920	3065.63	0.0003	P	7.6
4	☐	50.000	52.457	86250.25	0.0077	P	1.0
5	☐	125.000	132.442	214978.61	0.0193	P	2.5
6	☐	250.000	269.161	432006.14	0.0391	P	10.6
7	☐	500.000	491.097	854452.35	0.0713	P	0.3
8	☐	1000.000	998.608	1776134.86	0.1448	A	0.8
9	☐			2016.79	0.0002	P	1.8

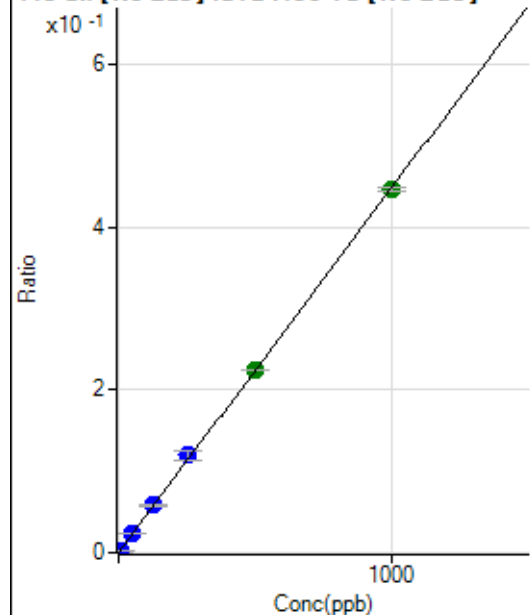
$$y = 1.4484\text{E-}004 * x + 1.4637\text{E-}004$$

$$R = 0.9997$$

$$DL = 0.1039$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	627.82	0.0001	P	0.2
2	☐	0.500					
3	☐	5.000	4.770	24086.44	0.0022	P	1.4
4	☐	50.000	51.364	257191.26	0.0231	P	0.4
5	☐	125.000	129.445	646316.55	0.0581	P	2.3
6	☐	250.000	266.994	1322894.55	0.1198	P	10.2
7	☐	500.000	500.475	2691271.74	0.2245	A	0.8
8	☐	1000.000	994.892	5474370.13	0.4462	A	1.2
9	☐			10899.34	0.0009	P	2.6

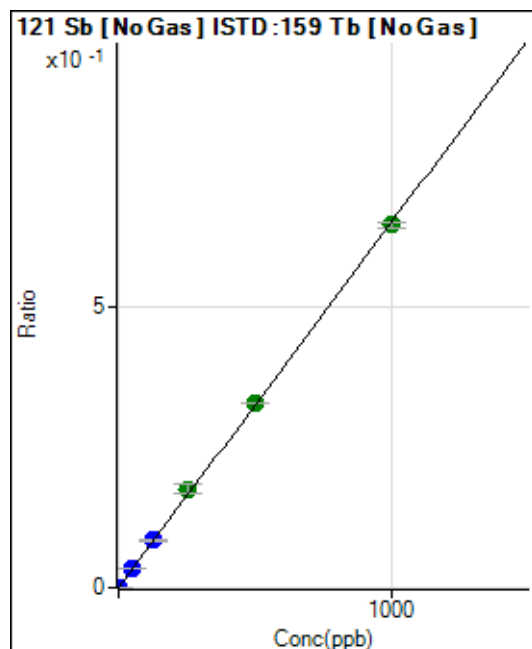
$$y = 4.4848\text{E-}004 * x + 5.7919\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.0006786$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	311.13	0.0000	P	20.4
2	☐	0.200					
3	☐	2.000	1.830	13351.74	0.0012	P	3.1
4	☐	50.000	51.403	372299.91	0.0334	P	0.5
5	☐	125.000	129.695	937655.40	0.0843	P	1.9
6	☐	250.000	269.994	1938766.56	0.1755	A	9.2
7	☐	500.000	502.847	3917164.24	0.3268	A	0.1
8	☐	1000.000	992.921	7915052.26	0.6452	A	1.3
9	☐			19058.78	0.0015	P	8.3

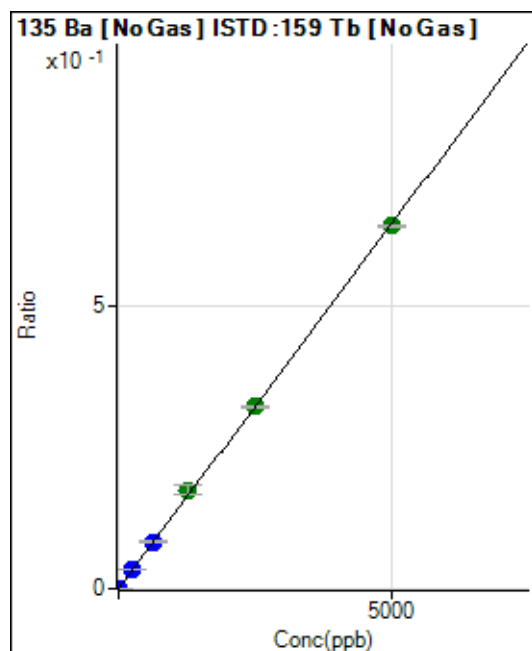
$$y = 6.4978\text{E-}004 * x + 2.8637\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.02695$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	75.00	0.0000	P	31.2
2	☐	1.000					
3	☐	10.000	9.427	13393.40	0.0012	P	2.5
4	☐	250.000	257.965	370365.30	0.0333	P	1.5
5	☐	625.000	645.542	925465.59	0.0832	P	2.5
6	☐	1250.000	1348.567	1919329.77	0.1738	A	10.3
7	☐	2500.000	2496.093	3856689.58	0.3217	A	1.4
8	☐	5000.000	4974.347	7865286.63	0.6412	A	0.4
9	☐			2803.19	0.0002	P	3.3

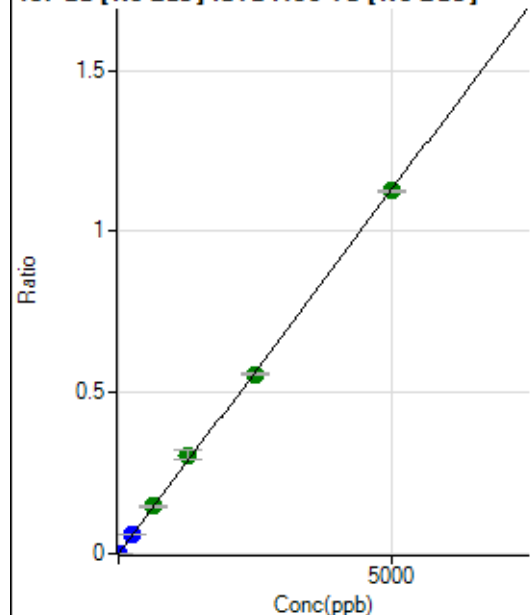
$$y = 1.2889\text{E-}004 * x + 6.9433\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.05046$$

Weight: <None>

Min Conc: 0

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94.45	0.0000	P	19.5
2	☐	1.000					
3	☐	10.000	9.235	22968.16	0.0021	P	1.0
4	☐	250.000	254.331	640135.10	0.0575	P	0.2
5	☐	625.000	655.094	1646180.04	0.1480	A	3.3
6	☐	1250.000	1358.185	3388677.77	0.3069	A	10.4
7	☐	2500.000	2469.139	6688212.95	0.5579	A	0.4
8	☐	5000.000	4984.408	13816191.11	1.1263	A	0.7
9	☐			5179.05	0.0004	P	5.8

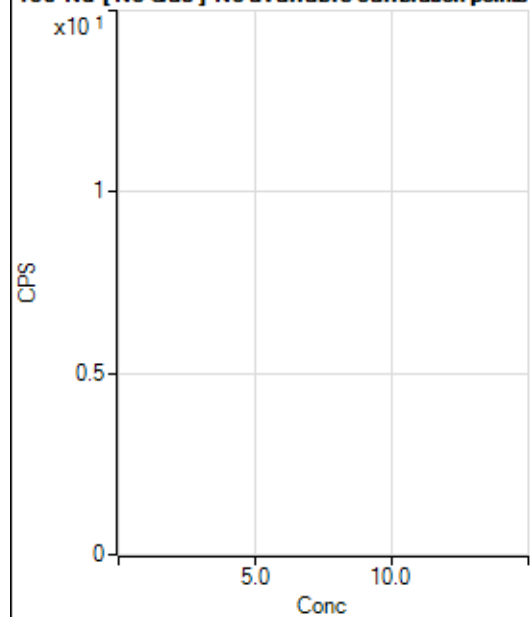
$$y = 2.2596E-004 * x + 8.7265E-006$$

$$R = 0.9997$$

$$DL = 0.02259$$

Weight: <None>

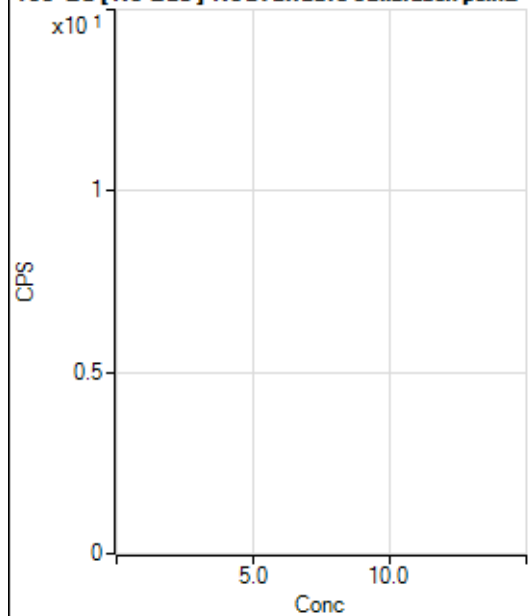
Min Conc: 0

150 Nd [No Gas] No available calibration points

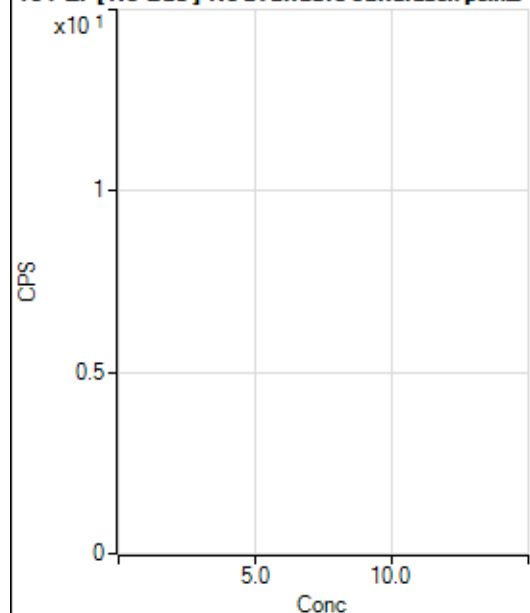
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			13.34		P	132.
2	☐						
3	☐			4.45		P	86.6
4	☐			22.22		P	62.4
5	☐			42.23		P	32.9
6	☐			46.67		P	57.1
7	☐			144.45		P	9.6
8	☐			280.01		P	12.4
9	☐			77.78		P	49.5

156 Dy [No Gas] No available calibration points

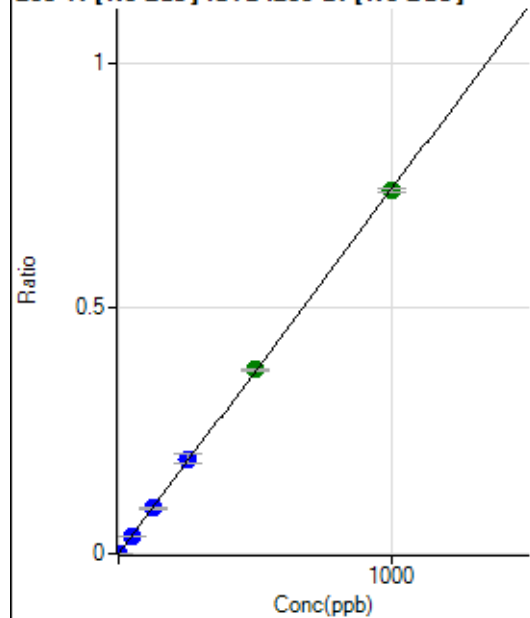
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			19.45		P	107.
2	☐						
3	☐			5.55		P	86.6
4	☐			8.33		P	100.
5	☐			30.56		P	56.8
6	☐			30.55		P	68.6
7	☐			27.78		P	34.6
8	☐			86.12		P	44.7
9	☐			63.89		P	27.2

160 Gd [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			88.89		P	14.3
2	☐						
3	☐			97.23		P	34.6
4	☐			58.34		P	62.3
5	☐			69.45		P	13.9
6	☐			80.56		P	15.8
7	☐			72.22		P	29.0
8	☐			119.45		P	24.5
9	☐			122.23		P	25.8

164 Er [No Gas] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			38.89		P	32.7
2	☐						
3	☐			63.89		P	83.9
4	☐			47.22		P	44.4
5	☐			50.00		P	16.7
6	☐			66.67		P	45.1
7	☐			36.11		P	93.3
8	☐			72.23		P	17.6
9	☐			72.23		P	24.0

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	244.46	0.0000	P	18.7
2	☐	0.100					
3	☐	1.000	0.900	4275.93	0.0007	P	1.6
4	☐	50.000	48.926	222343.57	0.0364	P	2.0
5	☐	125.000	125.003	568713.19	0.0928	P	2.2
6	☐	250.000	260.781	1157854.04	0.1937	P	11.2
7	☐	500.000	504.092	2395756.11	0.3743	A	0.7
8	☐	1000.000	995.312	4873289.09	0.7390	A	1.2
9	☐			2530.93	0.0004	P	13.1

$$y = 7.4242E-004 * x + 4.0926E-005$$

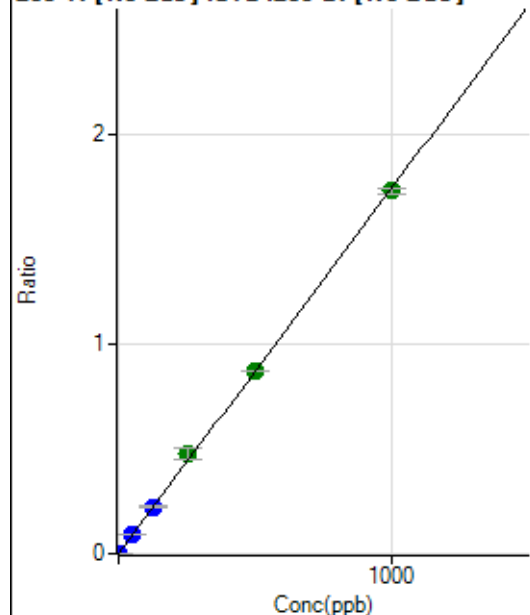
$$R = 0.9999$$

$$DL = 0.03093$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	555.60	0.0001	P	18.3
2	☐	0.100					
3	☐	1.000	0.937	10388.10	0.0017	P	2.7
4	☐	50.000	50.196	534207.77	0.0874	P	0.6
5	☐	125.000	128.012	1363708.88	0.2227	P	2.8
6	☐	250.000	272.493	2834235.55	0.4739	A	10.7
7	☐	500.000	501.197	5578371.87	0.8715	A	0.3
8	☐	1000.000	993.392	11389649.47	1.7272	A	1.7
9	☐			6171.22	0.0010	P	6.2

$$y = 0.0017 * x + 9.3261E-005$$

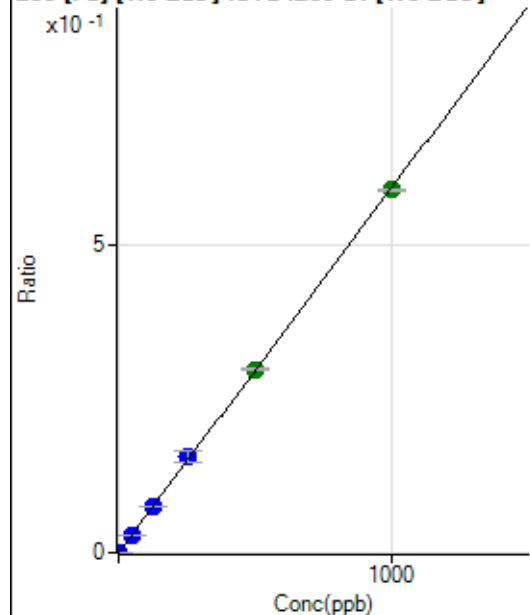
$$R = 0.9997$$

$$DL = 0.02945$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	255.57	0.0000	P	6.8
2	☐	0.100					
3	☐	1.000	0.886	3426.50	0.0006	P	2.3
4	☐	50.000	49.748	180658.60	0.0295	P	0.4
5	☐	125.000	126.564	459942.09	0.0751	P	2.9
6	☐	250.000	263.635	934914.40	0.1564	P	11.4
7	☐	500.000	503.089	1910034.76	0.2984	A	0.3
8	☐	1000.000	994.864	3891177.03	0.5900	A	0.7
9	☐			7659.97	0.0012	P	2.3

$$y = 5.9302E-004 * x + 4.2854E-005$$

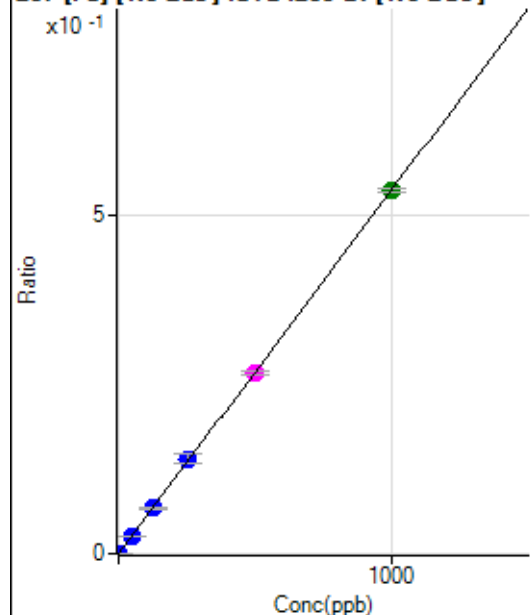
$$R = 0.9999$$

$$DL = 0.01478$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	240.75	0.0000	P	21.2
2	☐	0.100					
3	☐	1.000	0.936	3280.16	0.0005	P	4.7
4	☐	50.000	49.789	163916.57	0.0268	P	1.2
5	☐	125.000	125.737	414280.48	0.0676	P	2.4
6	☐	250.000	261.255	840199.97	0.1405	P	10.8
7	☐	500.000	498.121	1714157.76	0.2678	M	2.0
8	☐	1000.000	998.044	3538672.88	0.5366	A	0.9
9	☐			6731.61	0.0010	P	3.5

$$y = 5.3759\text{E-}004 * x + 4.0433\text{E-}005$$

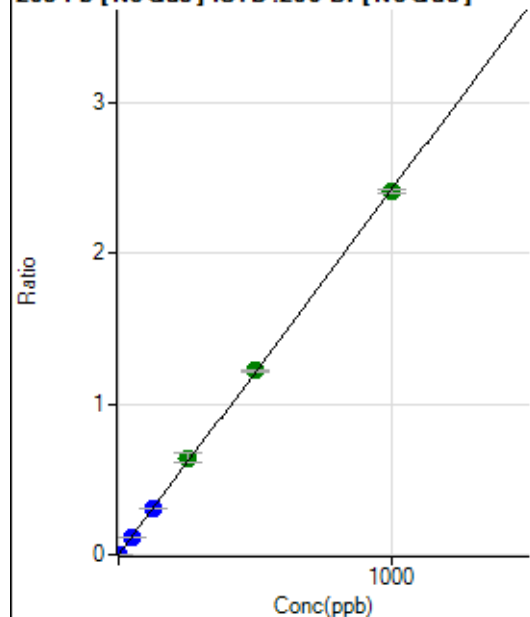
$$R = 0.9999$$

$$DL = 0.04777$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1024.12	0.0002	P	12.9
2	☐	0.100					
3	☐	1.000	0.902	14205.39	0.0024	P	1.6
4	☐	50.000	49.618	734871.41	0.1202	P	0.5
5	☐	125.000	125.905	1866196.48	0.3047	P	2.6
6	☐	250.000	265.326	3838662.69	0.6419	A	11.0
7	☐	500.000	503.502	7796102.52	1.2180	A	0.4
8	☐	1000.000	994.324	15861103.92	2.4051	A	1.0
9	☐			30455.87	0.0047	P	2.7

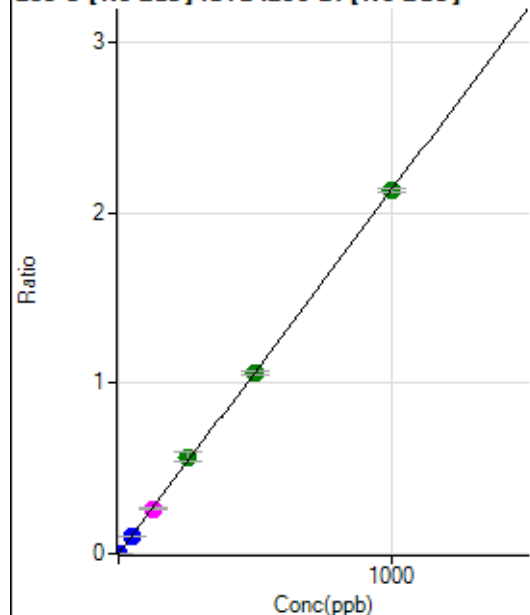
$$y = 0.0024 * x + 1.7186\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.02756$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	133.34	0.0000	P	7.7
2	☐	0.100					
3	☐	1.000	0.886	11547.63	0.0019	P	1.3
4	☐	50.000	48.400	631668.85	0.1033	P	0.8
5	☐	125.000	124.253	1624157.13	0.2652	M	2.5
6	☐	250.000	265.717	3393501.55	0.5670	A	9.8
7	☐	500.000	497.155	6790357.83	1.0609	A	1.4
8	☐	1000.000	997.667	14040744.93	2.1290	A	1.0
9	☐			3000.52	0.0005	P	3.5

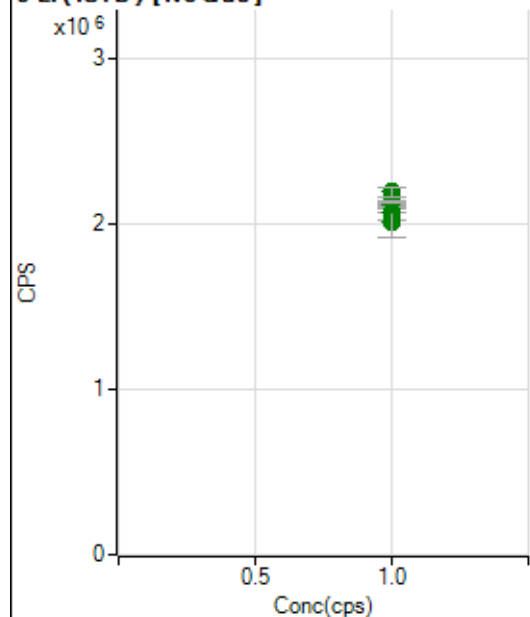
$$y = 0.0021 * x + 2.2363E-005$$

$$R = 0.9998$$

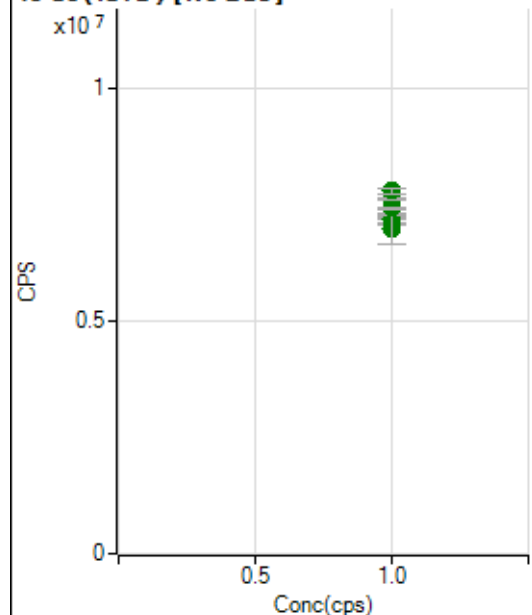
$$DL = 0.002406$$

Weight: <None>

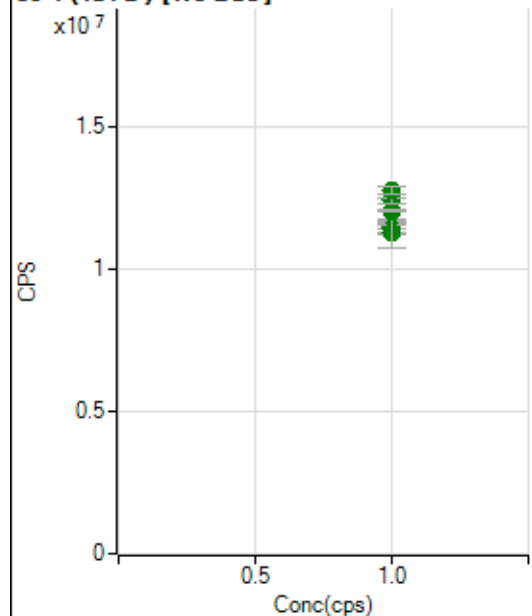
Min Conc: 0

6 Li (ISTD) [No Gas]

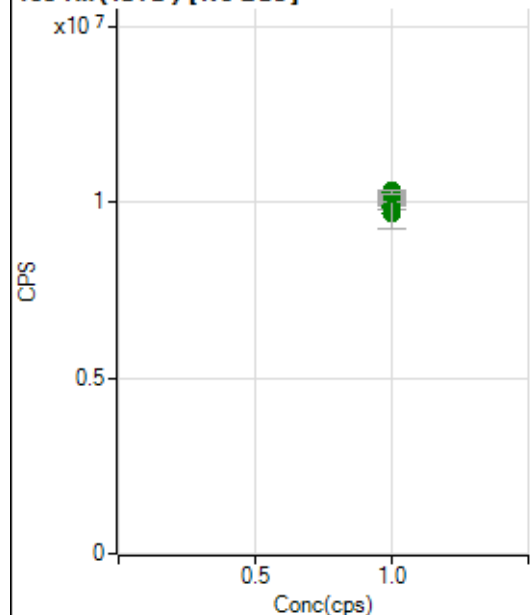
	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2089513.91		A	1.2
2	☐	1.000					
3	☐	1.000		2100237.15		A	0.3
4	☐	1.000		2108947.40		A	1.1
5	☐	1.000		2069022.19		A	4.1
6	☐	1.000		2012119.00		A	8.8
7	☐	1.000		2119637.47		A	0.8
8	☐	1.000		2140061.91		A	0.6
9	☐	1.000		2194786.44		A	2.5

45 Sc (ISTD) [No Gas]

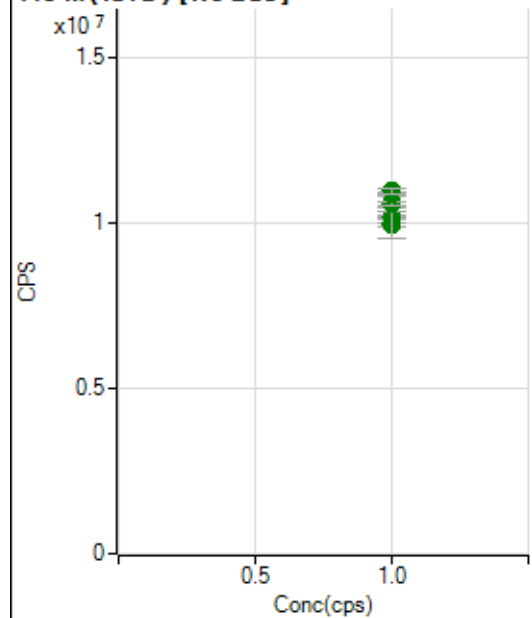
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7178833.93		A	1.8
2	☐	1.000					
3	☐	1.000		7187333.49		A	0.6
4	☐	1.000		7243303.72		A	0.5
5	☐	1.000		7199979.76		A	3.5
6	☐	1.000		6957171.81		A	9.4
7	☐	1.000		7413062.49		A	0.6
8	☐	1.000		7621859.63		A	0.4
9	☐	1.000		7787553.99		A	1.6

89 Y (ISTD) [No Gas]

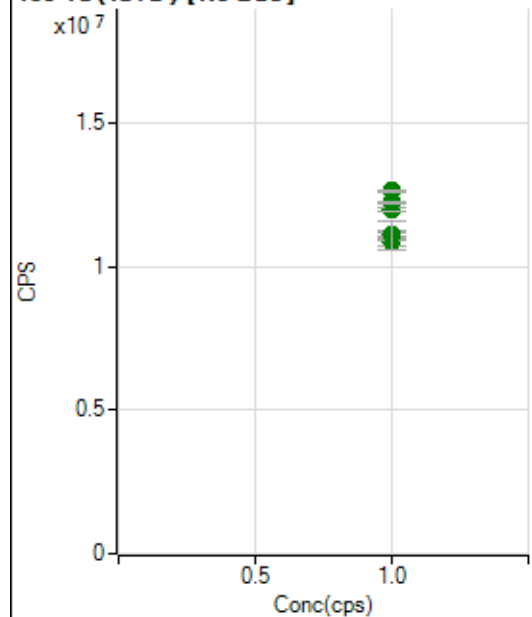
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11421738.72		A	2.0
2	☐	1.000					
3	☐	1.000		11464367.33		A	1.2
4	☐	1.000		11638127.74		A	0.3
5	☐	1.000		11407641.64		A	3.0
6	☐	1.000		11255782.75		A	9.5
7	☐	1.000		12056681.63		A	1.0
8	☐	1.000		12407437.46		A	1.5
9	☐	1.000		12750130.78		A	2.0

103 Rh (ISTD) [No Gas]

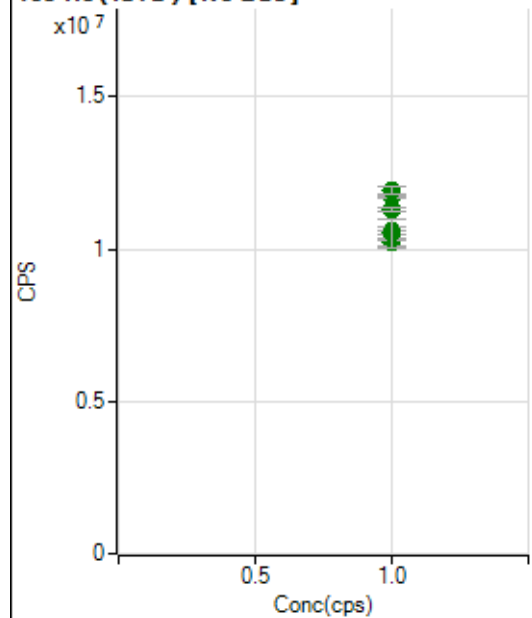
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9860606.12		A	1.6
2	☐	1.000					
3	☐	1.000		10007768.37		A	0.9
4	☐	1.000		10024908.12		A	0.4
5	☐	1.000		9921962.63		A	2.5
6	☐	1.000		9677030.77		A	9.0
7	☐	1.000		10235074.53		A	1.3
8	☐	1.000		10333439.55		A	0.3
9	☐	1.000		10299550.14		A	1.3

115 In (ISTD) [No Gas]

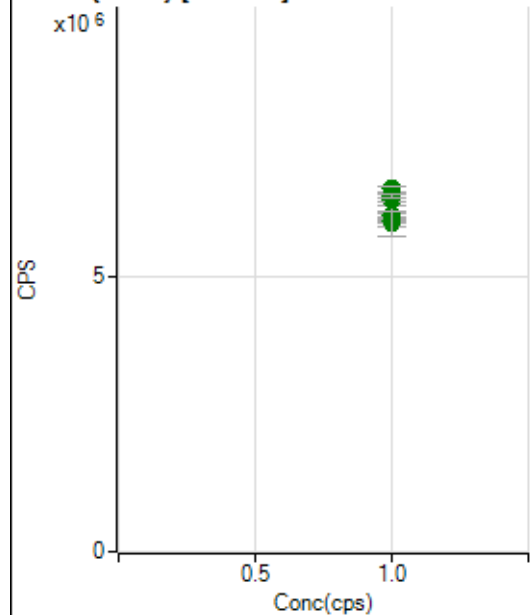
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9937614.06		A	1.1
2	☐	1.000					
3	☐	1.000		10137444.39		A	0.5
4	☐	1.000		10190139.86		A	0.7
5	☐	1.000		10181035.57		A	3.5
6	☐	1.000		10022387.68		A	9.3
7	☐	1.000		10589705.07		A	1.1
8	☐	1.000		10864354.59		A	1.3
9	☐	1.000		10970410.09		A	1.6

159 Tb (ISTD) [No Gas]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10839828.59		A	1.7
2	☐	1.000					
3	☐	1.000		10961747.61		A	0.7
4	☐	1.000		11137241.09		A	0.8
5	☐	1.000		11126081.78		A	2.4
6	☐	1.000		11110297.96		A	9.0
7	☐	1.000		11987677.88		A	1.0
8	☐	1.000		12267120.51		A	0.6
9	☐	1.000		12656728.70		A	0.8

165 Ho (ISTD) [No Gas]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10203961.26		A	2.5
2	☐	1.000					
3	☐	1.000		10374259.43		A	1.9
4	☐	1.000		10596004.23		A	0.1
5	☐	1.000		10542360.91		A	3.2
6	☐	1.000		10516939.99		A	9.4
7	☐	1.000		11326702.34		A	1.2
8	☐	1.000		11735743.93		A	0.7
9	☐	1.000		11915177.87		A	2.0

209 Bi (ISTD) [No Gas]

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5966867.90		A	1.6
2	☐	1.000					
3	☐	1.000		6032478.94		A	1.7
4	☐	1.000		6114836.64		A	0.7
5	☐	1.000		6127512.34		A	2.5
6	☐	1.000		6021220.05		A	9.4
7	☐	1.000		6401085.81		A	1.5
8	☐	1.000		6595543.30		A	1.9
9	☐	1.000		6453921.64		A	1.2

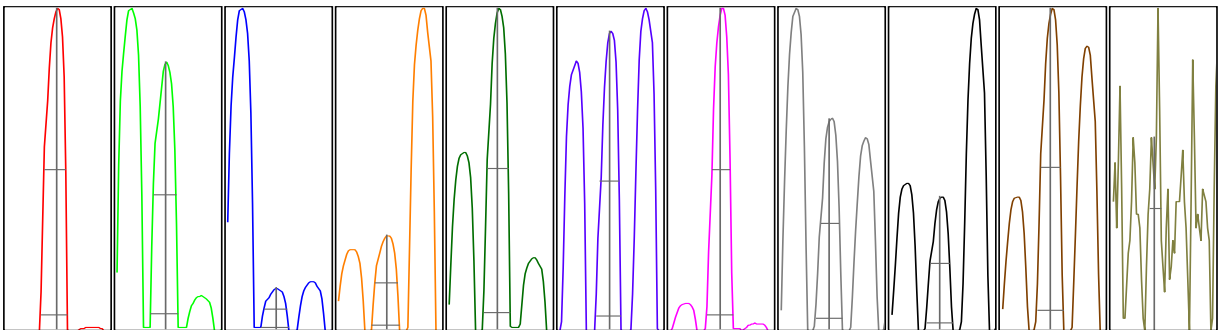
US EPA Tune Check Sample Report

Batch Folder D:\P8051618 MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	10803	1.01	5.00	
24	71817	1.04	5.00	
25	9348	0.48	5.00	
26	10855	0.78	5.00	
59	105609	1.25	5.00	
113	12485	0.49	5.00	
115	159175	0.90	5.00	
206	26156	1.30	5.00	
207	23713	1.35	5.00	
208	56900	0.89	5.00	
220	1	26.35		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	10608	10850	10833	10873	10850
24	70669	72634	72233	71939	71612
25	9273	9363	9353	9391	9361
26	10707	10881	10887	10923	10879
59	103296	105795	106455	106179	106321
113	12512	12566	12496	12436	12412
115	161311	159951	158373	158332	157910
206	25707	25891	26297	26396	26490
207	23173	23687	23843	23895	23967
208	56163	56708	57087	57015	57526
220	1	1	1	2	2

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	18535	9.00	8.9 - 9.1		0.774	0.900	
24	118734	23.95	23.9 - 24.1		0.785	0.900	
25	15497	24.95	24.9 - 25.1		0.787	0.900	
26	18088	25.95	25.9 - 26.1		0.784	0.900	
59	184472	58.95	58.9 - 59.1		0.773	0.900	
113	23871	113.00	112.9 - 113.1		0.724	0.900	
115	300832	115.00	114.9 - 115.1		0.757	0.900	
206	48520	205.95	205.9 - 206.1		0.770	0.900	
207	44231	206.95	206.9 - 207.1		0.771	0.900	
208	106199	207.95	207.9 - 208.1		0.767	0.900	
220	2	219.75	-				

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	8.7	V	Deflect	14.2	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-115	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	16024	1.78	
89	4817	1.83	
205	16133	1.79	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	15556	16098	16274	16214	15980
89	4670	4885	4870	4860	4802
205	15626	16321	16302	16225	16191

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	8.7	V	Deflect	2.4	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-115	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination		5.0 V
He Flow	5.0	mL/min	OctP RF	190	V			

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 12:59:47	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.00	-0.02	0.02	0.00	N/A	ppb
Antimony	121-1	0.01	-0.01	0.00	0.00	N/A	ppb
Arsenic	75-1	0.00	0.03	-0.03	0.00	N/A	ppb
Barium	135-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	-0.02	0.00	0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Boron	10-1	0.23	0.30	-0.53	0.00	N/A	ppb
Boron	11-1	0.16	-0.25	0.08	0.00	N/A	ppb
Cadmium	111-1	-0.04	0.01	0.03	0.00	N/A	ppb
Cadmium	106-1	-0.46	0.06	0.40	0.00	N/A	ppb
Cadmium	108-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Calcium	43-1	6.00	2.17	-8.17	0.00	N/A	ppb
Calcium	44-1	0.43	1.63	-2.06	0.00	N/A	ppb
Chromium	52-1	-0.01	0.01	0.00	0.00	N/A	ppb
Cobalt	59-1	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-1	0.00	-0.01	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Indium	115-1				100		%
Iron	56-1	-5.49	5.48	0.00	0.00	N/A	ppb
Iron	57-1	-1.16	2.53	-1.37	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	-0.02	0.02	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-1	0.00	-0.04	0.03	0.00	N/A	ppb
Manganese	55-1	-0.02	0.02	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.02	0.00	-0.02	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.02	-0.02	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.03	-0.03	0.00	N/A	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 12:59:47	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Neodymium	150-1						cps
Nickel	60-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Phosphorus	31-1	-3.71	-2.35	-1.62	-2.56		ppb
Potassium	39-1	-5.24	8.21	-2.97	0.00	N/A	ppb
Rhodium	103-1				100		%
Scandium	45-1				100		%
Selenium	77-1	-0.06	-0.05	0.11	0.00	N/A	ppb
Selenium	78-1	-2.69	5.28	-2.59	0.00	N/A	ppb
Selenium	82-1	0.02	-0.05	0.03	0.00	N/A	ppb
Silicon	28-1	-1.90	3.49	-1.59	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-1	-0.63	0.75	-0.12	0.00	N/A	ppb
Strontium	86-1	0.02	-0.02	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-595.46	140.65	-523.44	-326.08		ppb
Terbium	159-1				100		%
Thallium	203-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Thallium	205-1	-0.01	0.01	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.00	0.01	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-1	0.00	0.01	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Zinc	66-1	0.05	0.00	-0.05	0.00	N/A	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	-0.01	0.01	0.00	N/A	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:07:40	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	19.73	19.48	19.86	19.69	0.97	ppb
Antimony	121-1	1.78	1.81	1.90	1.83	3.19	ppb
Arsenic	75-1	0.89	0.81	0.81	0.84	5.48	ppb
Barium	135-1	9.65	9.18	9.44	9.43	2.48	ppb
Barium	137-1	9.33	9.15	9.23	9.23	0.97	ppb
Beryllium	9-1	0.97	0.85	0.97	0.93	7.67	ppb
Bismuth	209-1				101		%
Boron	10-1	20.73	21.29	23.97	21.99	7.89	ppb
Boron	11-1	20.75	21.31	22.41	21.49	3.94	ppb
Cadmium	111-1	0.99	1.02	0.75	0.92	15.93	ppb
Cadmium	106-1	0.89	2.17	-1.21	0.62	277.24	ppb
Cadmium	108-1	1.12	1.03	0.96	1.04	7.78	ppb
Calcium	43-1	477.23	447.77	427.59	450.86	5.54	ppb
Calcium	44-1	446.41	444.73	452.27	447.80	0.88	ppb
Chromium	52-1	2.17	2.07	2.15	2.13	2.52	ppb
Cobalt	59-1	0.96	0.95	0.98	0.96	1.62	ppb
Copper	63-1	1.81	1.87	1.86	1.84	1.66	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Indium	115-1				102		%
Iron	56-1	49.35	43.64	48.82	47.27	6.68	ppb
Iron	57-1	57.32	51.38	54.32	54.34	5.46	ppb
Krypton	83-1						cps
Lead	206-1	0.88	0.87	0.91	0.89	2.48	ppb
Lead	207-1	0.88	0.94	0.98	0.94	5.05	ppb
Lead	208-1	0.89	0.90	0.92	0.90	1.68	ppb
Lithium	6-1				101		%
Magnesium	24-1	480.96	478.29	485.47	481.58	0.75	ppb
Manganese	55-1	1.04	0.99	1.00	1.01	2.60	ppb
Molybdenum	94-1	4.65	4.40	4.43	4.49	3.02	ppb
Molybdenum	95-1	4.44	4.52	4.42	4.46	1.21	ppb
Molybdenum	96-1	4.69	4.69	4.32	4.56	4.62	ppb
Molybdenum	97-1	4.47	4.57	4.45	4.50	1.50	ppb
Molybdenum	98-1	4.47	4.49	4.56	4.50	1.05	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:07:40	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Neodymium	150-1						cps
Nickel	60-1	1.06	1.03	1.05	1.05	1.13	ppb
Phosphorus	31-1	4.07	1.27	2.34	2.56	55.11	ppb
Potassium	39-1	486.75	471.92	480.30	479.66	1.55	ppb
Rhodium	103-1				101		%
Scandium	45-1				100		%
Selenium	77-1	4.90	5.13	4.76	4.93	3.83	ppb
Selenium	78-1	6.70	0.61	2.64	3.32	93.51	ppb
Selenium	82-1	4.15	5.18	4.20	4.51	12.90	ppb
Silicon	28-1	20.57	17.96	18.37	18.97	7.40	ppb
Silver	107-1	1.05	1.00	0.94	0.99	5.74	ppb
Silver	109-1	1.00	0.99	1.03	1.01	2.26	ppb
Sodium	23-1	497.75	487.09	497.28	494.04	1.22	ppb
Strontium	86-1	0.92	0.80	1.06	0.93	14.08	ppb
Strontium	88-1	0.97	0.92	0.98	0.96	3.35	ppb
Sulfur	34-1	442.59	113.32	422.34	326.08	56.59	ppb
Terbium	159-1				101		%
Thallium	203-1	0.90	0.88	0.91	0.90	1.71	ppb
Thallium	205-1	0.91	0.96	0.93	0.94	2.85	ppb
Tin	118-1	4.77	4.70	4.84	4.77	1.43	ppb
Titanium	47-1	4.57	4.49	4.88	4.65	4.33	ppb
Uranium	238-1	0.88	0.90	0.88	0.89	1.31	ppb
Vanadium	51-1	4.57	4.60	4.64	4.60	0.77	ppb
Yttrium	89-1				100		%
Zinc	66-1	2.08	1.93	1.85	1.96	5.93	ppb
Zirconium	90-1	0.90	0.91	0.89	0.90	0.90	ppb
Zirconium	91-1	0.89	0.90	0.90	0.90	0.57	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:11:35	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	1046.47	1042.14	1032.40	1040.34	0.69	ppb
Antimony	121-1	51.31	51.68	51.22	51.40	0.47	ppb
Arsenic	75-1	50.64	50.69	50.51	50.61	0.18	ppb
Barium	135-1	255.71	262.33	255.86	257.97	1.46	ppb
Barium	137-1	254.69	254.66	253.64	254.33	0.23	ppb
Beryllium	9-1	50.11	51.76	50.68	50.85	1.64	ppb
Bismuth	209-1				102		%
Boron	10-1	48.35	52.93	51.10	50.79	4.54	ppb
Boron	11-1	49.04	50.39	50.42	49.95	1.57	ppb
Cadmium	111-1	53.03	52.29	52.05	52.46	0.97	ppb
Cadmium	106-1	55.88	54.82	50.31	53.67	5.51	ppb
Cadmium	108-1	52.60	55.23	53.53	53.79	2.49	ppb
Calcium	43-1	5051.37	5052.55	4907.71	5003.88	1.66	ppb
Calcium	44-1	5044.12	5070.26	5046.15	5053.51	0.29	ppb
Chromium	52-1	51.65	51.23	50.84	51.24	0.79	ppb
Cobalt	59-1	53.02	51.77	51.72	52.17	1.41	ppb
Copper	63-1	106.90	105.62	104.59	105.70	1.09	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				104		%
Indium	115-1				103		%
Iron	56-1	2621.31	2616.11	2590.71	2609.38	0.63	ppb
Iron	57-1	2692.82	2668.41	2645.07	2668.77	0.89	ppb
Krypton	83-1						cps
Lead	206-1	49.96	49.68	49.61	49.75	0.38	ppb
Lead	207-1	49.15	49.92	50.30	49.79	1.17	ppb
Lead	208-1	49.39	49.90	49.57	49.62	0.52	ppb
Lithium	6-1				101		%
Magnesium	24-1	5223.86	5213.91	5146.79	5194.85	0.81	ppb
Manganese	55-1	106.47	104.94	103.30	104.90	1.51	ppb
Molybdenum	94-1	249.92	249.06	253.95	250.98	1.04	ppb
Molybdenum	95-1	248.16	249.20	251.17	249.51	0.61	ppb
Molybdenum	96-1	250.65	249.92	252.45	251.01	0.52	ppb
Molybdenum	97-1	250.39	246.79	248.65	248.61	0.73	ppb
Molybdenum	98-1	251.69	248.65	252.12	250.82	0.75	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:11:35	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Neodymium	150-1						cps
Nickel	60-1	53.02	52.43	52.07	52.50	0.91	ppb
Phosphorus	31-1	1050.12	1041.22	1042.66	1044.66	0.46	ppb
Potassium	39-1	2612.52	2602.33	2561.46	2592.10	1.04	ppb
Rhodium	103-1				102		%
Scandium	45-1				101		%
Selenium	77-1	51.63	52.59	52.39	52.20	0.96	ppb
Selenium	78-1	50.25	51.51	51.49	51.08	1.41	ppb
Selenium	82-1	51.00	50.20	52.28	51.16	2.05	ppb
Silicon	28-1	71.84	70.42	68.96	70.41	2.04	ppb
Silver	107-1	53.71	54.50	53.63	53.95	0.89	ppb
Silver	109-1	52.52	52.93	52.70	52.72	0.39	ppb
Sodium	23-1	5411.38	5353.82	5311.84	5359.01	0.93	ppb
Strontium	86-1	49.88	49.19	49.59	49.55	0.70	ppb
Strontium	88-1	50.71	50.63	50.96	50.77	0.34	ppb
Sulfur	34-1	1579.17	1176.36	1034.16	1263.23	22.38	ppb
Terbium	159-1				103		%
Thallium	203-1	48.62	50.01	48.14	48.93	1.99	ppb
Thallium	205-1	50.03	50.56	50.00	50.20	0.63	ppb
Tin	118-1	51.44	51.53	51.12	51.36	0.42	ppb
Titanium	47-1	255.86	254.84	254.89	255.20	0.23	ppb
Uranium	238-1	47.98	48.75	48.47	48.40	0.81	ppb
Vanadium	51-1	51.38	51.35	51.17	51.30	0.23	ppb
Yttrium	89-1				102		%
Zinc	66-1	102.02	103.09	102.90	102.67	0.56	ppb
Zirconium	90-1	50.20	49.16	49.84	49.74	1.06	ppb
Zirconium	91-1	49.08	49.28	50.34	49.57	1.37	ppb

LB Number : LB95400 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-16 13:15:45 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	2714.15	2545.86	2551.79	2603.93	3.67	ppb
Antimony	121-1	132.52	127.75	128.81	129.69	1.93	ppb
Arsenic	75-1	134.50	127.17	130.50	130.73	2.81	ppb
Barium	135-1	663.35	631.92	641.35	645.54	2.50	ppb
Barium	137-1	679.71	639.04	646.53	655.09	3.30	ppb
Beryllium	9-1	134.52	125.15	125.81	128.49	4.07	ppb
Bismuth	209-1				103		%
Boron	10-1	127.69	122.16	126.57	125.47	2.33	ppb
Boron	11-1	133.74	123.60	125.77	127.70	4.18	ppb
Cadmium	111-1	136.13	129.59	131.61	132.44	2.53	ppb
Cadmium	106-1	141.67	128.38	131.62	133.89	5.18	ppb
Cadmium	108-1	137.41	130.32	135.68	134.47	2.75	ppb
Calcium	43-1	13227.70	12345.65	12304.96	12626.10	4.13	ppb
Calcium	44-1	13174.42	12407.11	12398.80	12660.11	3.52	ppb
Chromium	52-1	134.60	127.57	128.83	130.33	2.88	ppb
Cobalt	59-1	137.02	127.89	128.45	131.12	3.90	ppb
Copper	63-1	280.31	261.02	262.03	267.79	4.05	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				103		%
Indium	115-1				102		%
Iron	56-1	6773.59	6411.69	6420.52	6535.27	3.16	ppb
Iron	57-1	7107.56	6611.59	6540.77	6753.31	4.57	ppb
Krypton	83-1						cps
Lead	206-1	130.69	123.91	125.09	126.56	2.86	ppb
Lead	207-1	128.97	122.98	125.26	125.74	2.40	ppb
Lead	208-1	129.63	123.30	124.79	125.91	2.63	ppb
Lithium	6-1				99		%
Magnesium	24-1	13656.93	12766.82	12776.26	13066.67	3.91	ppb
Manganese	55-1	270.63	252.31	255.42	259.45	3.78	ppb
Molybdenum	94-1	670.29	640.08	649.59	653.32	2.36	ppb
Molybdenum	95-1	682.06	646.58	648.26	658.96	3.04	ppb
Molybdenum	96-1	672.31	624.42	643.51	646.75	3.73	ppb
Molybdenum	97-1	660.75	616.48	631.95	636.39	3.53	ppb
Molybdenum	98-1	668.13	627.85	649.92	648.63	3.11	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:15:45	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Neodymium	150-1						cps
Nickel	60-1	135.92	125.69	127.19	129.60	4.26	ppb
Phosphorus	31-1	2761.34	2604.95	2591.89	2652.72	3.55	ppb
Potassium	39-1	6776.94	6357.72	6453.36	6529.34	3.36	ppb
Rhodium	103-1				101		%
Scandium	45-1				100		%
Selenium	77-1	136.87	128.73	132.47	132.69	3.07	ppb
Selenium	78-1	146.37	129.19	135.89	137.15	6.31	ppb
Selenium	82-1	135.63	128.90	131.25	131.93	2.59	ppb
Silicon	28-1	155.50	136.86	144.07	145.48	6.46	ppb
Silver	107-1	139.22	131.17	132.94	134.44	3.15	ppb
Silver	109-1	136.68	129.69	130.93	132.43	2.82	ppb
Sodium	23-1	13984.19	13026.45	13115.59	13375.41	3.96	ppb
Strontium	86-1	131.42	124.30	123.60	126.44	3.42	ppb
Strontium	88-1	135.86	127.93	130.46	131.42	3.08	ppb
Sulfur	34-1	3954.62	2386.84	2474.25	2938.57	29.98	ppb
Terbium	159-1				103		%
Thallium	203-1	128.11	123.95	122.95	125.00	2.19	ppb
Thallium	205-1	132.06	125.30	126.68	128.01	2.79	ppb
Tin	118-1	132.80	127.27	128.26	129.44	2.28	ppb
Titanium	47-1	663.02	620.49	630.05	637.85	3.50	ppb
Uranium	238-1	127.77	122.69	122.29	124.25	2.46	ppb
Vanadium	51-1	133.54	126.06	128.34	129.31	2.97	ppb
Yttrium	89-1				100		%
Zinc	66-1	267.79	250.17	252.85	256.94	3.70	ppb
Zirconium	90-1	136.19	126.48	127.29	129.99	4.14	ppb
Zirconium	91-1	131.62	125.61	125.25	127.49	2.80	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:19:31	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	5089.50	5141.19	6098.55	5443.08	10.44	ppb
Antimony	121-1	255.33	256.08	298.57	269.99	9.17	ppb
Arsenic	75-1	252.70	250.57	298.91	267.40	10.22	ppb
Barium	135-1	1262.76	1273.52	1509.42	1348.57	10.34	ppb
Barium	137-1	1259.72	1294.91	1519.92	1358.18	10.39	ppb
Beryllium	9-1	254.19	248.05	295.43	265.89	9.69	ppb
Bismuth	209-1				101		%
Boron	10-1	248.52	253.07	295.59	265.73	9.77	ppb
Boron	11-1	243.62	250.91	297.89	264.14	11.15	ppb
Cadmium	111-1	252.08	253.04	302.37	269.16	10.69	ppb
Cadmium	106-1	251.21	256.59	313.12	273.64	12.53	ppb
Cadmium	108-1	256.36	251.02	304.74	270.71	10.93	ppb
Calcium	43-1	24698.22	24740.40	29459.98	26299.53	10.41	ppb
Calcium	44-1	24590.32	24751.72	29623.22	26321.75	10.87	ppb
Chromium	52-1	257.89	251.79	303.21	270.96	10.37	ppb
Cobalt	59-1	255.18	258.71	299.99	271.29	9.18	ppb
Copper	63-1	513.26	519.63	621.62	551.50	11.03	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				103		%
Indium	115-1				101		%
Iron	56-1	12794.73	12966.00	15392.70	13717.81	10.59	ppb
Iron	57-1	13052.14	13073.72	15470.45	13865.44	10.03	ppb
Krypton	83-1						cps
Lead	206-1	243.26	249.41	298.24	263.64	11.43	ppb
Lead	207-1	242.38	247.56	293.83	261.25	10.84	ppb
Lead	208-1	245.24	252.07	298.67	265.33	10.96	ppb
Lithium	6-1				96		%
Magnesium	24-1	25173.18	25235.21	30501.20	26969.86	11.34	ppb
Manganese	55-1	508.52	505.35	604.94	539.60	10.49	ppb
Molybdenum	94-1	1283.62	1276.93	1522.40	1360.98	10.27	ppb
Molybdenum	95-1	1264.27	1262.33	1516.20	1347.60	10.84	ppb
Molybdenum	96-1	1260.35	1256.71	1515.35	1344.14	11.03	ppb
Molybdenum	97-1	1274.79	1269.89	1550.60	1365.10	11.77	ppb
Molybdenum	98-1	1251.28	1246.91	1527.25	1341.81	11.97	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:19:31	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Neodymium	150-1						cps
Nickel	60-1	252.47	252.68	301.50	268.88	10.51	ppb
Phosphorus	31-1	5140.71	5098.06	6139.90	5459.56	10.80	ppb
Potassium	39-1	12804.37	12662.91	15233.95	13567.08	10.65	ppb
Rhodium	103-1				98		%
Scandium	45-1				97		%
Selenium	77-1	256.51	256.64	307.08	273.41	10.67	ppb
Selenium	78-1	255.10	255.45	345.30	285.28	18.22	ppb
Selenium	82-1	257.36	250.95	304.26	270.86	10.75	ppb
Silicon	28-1	266.47	271.29	353.05	296.94	16.38	ppb
Silver	107-1	260.86	260.79	306.78	276.14	9.61	ppb
Silver	109-1	260.69	258.49	303.04	274.08	9.16	ppb
Sodium	23-1	26147.91	26118.53	31025.29	27763.91	10.17	ppb
Strontium	86-1	248.02	245.80	292.83	262.22	10.12	ppb
Strontium	88-1	255.69	252.35	301.46	269.84	10.17	ppb
Sulfur	34-1	5551.15	5488.14	10244.55	7094.61	38.45	ppb
Terbium	159-1				102		%
Thallium	203-1	242.02	245.81	294.52	260.78	11.23	ppb
Thallium	205-1	255.55	255.80	306.13	272.49	10.69	ppb
Tin	118-1	249.70	252.95	298.33	266.99	10.18	ppb
Titanium	47-1	1271.80	1275.78	1517.91	1355.16	10.40	ppb
Uranium	238-1	249.46	252.04	295.66	265.72	9.77	ppb
Vanadium	51-1	252.74	253.13	301.49	269.12	10.42	ppb
Yttrium	89-1				99		%
Zinc	66-1	499.91	498.11	592.96	530.33	10.23	ppb
Zirconium	90-1	251.49	256.27	301.95	269.90	10.32	ppb
Zirconium	91-1	247.15	247.83	296.52	263.83	10.73	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:23:16	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	10128.44	10026.84	10160.73	10105.34	0.69	ppb
Antimony	121-1	503.30	502.65	502.59	502.85	0.08	ppb
Arsenic	75-1	501.14	494.79	492.72	496.21	0.88	ppb
Barium	135-1	2519.48	2457.39	2511.41	2496.09	1.35	ppb
Barium	137-1	2480.22	2459.77	2467.42	2469.14	0.42	ppb
Beryllium	9-1	503.22	494.49	486.38	494.70	1.70	ppb
Bismuth	209-1				107		%
Boron	10-1	489.78	500.71	515.96	502.15	2.62	ppb
Boron	11-1	494.61	503.16	508.76	502.17	1.42	ppb
Cadmium	111-1	492.53	491.48	489.28	491.10	0.34	ppb
Cadmium	106-1	508.49	503.23	507.00	506.24	0.54	ppb
Cadmium	108-1	514.26	498.20	506.88	506.45	1.59	ppb
Calcium	43-1	49556.14	49402.77	49042.29	49333.74	0.53	ppb
Calcium	44-1	49104.46	48966.62	48879.94	48983.67	0.23	ppb
Chromium	52-1	505.20	499.14	497.34	500.56	0.82	ppb
Cobalt	59-1	503.41	500.92	505.15	503.16	0.42	ppb
Copper	63-1	1018.61	1007.02	1007.56	1011.06	0.65	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				111		%
Indium	115-1				107		%
Iron	56-1	25516.66	25501.81	25566.09	25528.19	0.13	ppb
Iron	57-1	25630.47	25517.83	25803.00	25650.44	0.56	ppb
Krypton	83-1						cps
Lead	206-1	502.31	502.04	504.92	503.09	0.32	ppb
Lead	207-1	509.39	490.95	494.02	498.12	1.98	ppb
Lead	208-1	505.94	501.89	502.67	503.50	0.43	ppb
Lithium	6-1				101		%
Magnesium	24-1	50576.12	49738.38	50075.42	50129.97	0.84	ppb
Manganese	55-1	1011.87	1003.45	1005.24	1006.85	0.44	ppb
Molybdenum	94-1	2493.85	2507.61	2532.63	2511.36	0.78	ppb
Molybdenum	95-1	2541.32	2490.11	2507.18	2512.87	1.04	ppb
Molybdenum	96-1	2502.99	2483.35	2487.00	2491.11	0.42	ppb
Molybdenum	97-1	2524.51	2498.83	2506.11	2509.82	0.53	ppb
Molybdenum	98-1	2512.07	2504.92	2502.36	2506.45	0.20	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:23:16	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Neodymium	150-1						cps
Nickel	60-1	512.57	502.76	515.65	510.33	1.32	ppb
Phosphorus	31-1	10150.03	10006.31	10049.31	10068.55	0.73	ppb
Potassium	39-1	25848.10	25504.30	25611.47	25654.62	0.69	ppb
Rhodium	103-1				104		%
Scandium	45-1				103		%
Selenium	77-1	516.32	508.75	506.90	510.65	0.98	ppb
Selenium	78-1	509.51	504.19	502.27	505.32	0.74	ppb
Selenium	82-1	513.37	503.96	503.98	507.10	1.07	ppb
Silicon	28-1	545.46	530.92	531.49	535.96	1.54	ppb
Silver	107-1	505.23	505.71	512.37	507.77	0.79	ppb
Silver	109-1	503.18	504.45	504.46	504.03	0.15	ppb
Sodium	23-1	52219.99	51765.09	51901.69	51962.26	0.45	ppb
Strontium	86-1	492.05	492.20	483.80	489.35	0.98	ppb
Strontium	88-1	498.92	498.39	495.92	497.74	0.32	ppb
Sulfur	34-1	12367.82	11660.09	11632.29	11886.74	3.51	ppb
Terbium	159-1				111		%
Thallium	203-1	508.16	501.36	502.75	504.09	0.71	ppb
Thallium	205-1	500.96	503.01	499.62	501.20	0.34	ppb
Tin	118-1	503.55	496.15	501.73	500.47	0.77	ppb
Titanium	47-1	2548.10	2518.58	2491.28	2519.32	1.13	ppb
Uranium	238-1	498.22	503.54	489.70	497.15	1.40	ppb
Vanadium	51-1	504.09	500.44	498.32	500.95	0.58	ppb
Yttrium	89-1				106		%
Zinc	66-1	1032.88	1024.02	1008.89	1021.93	1.19	ppb
Zirconium	90-1	507.27	501.03	493.31	500.53	1.40	ppb
Zirconium	91-1	494.73	492.84	491.52	493.03	0.33	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:26:55	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	19760.75	20035.80	20105.55	19967.37	0.91	ppb
Antimony	121-1	984.15	986.32	1008.30	992.92	1.35	ppb
Arsenic	75-1	1012.70	988.76	988.93	996.80	1.38	ppb
Barium	135-1	4970.62	4958.72	4993.70	4974.35	0.36	ppb
Barium	137-1	5001.08	4943.39	5008.75	4984.41	0.72	ppb
Beryllium	9-1	997.64	1003.66	993.30	998.20	0.52	ppb
Bismuth	209-1				111		%
Boron	10-1	993.51	982.35	1009.05	994.97	1.35	ppb
Boron	11-1	975.75	1000.74	1008.90	995.13	1.74	ppb
Cadmium	111-1	999.79	989.99	1006.05	998.61	0.81	ppb
Cadmium	106-1	996.84	979.12	993.06	989.67	0.94	ppb
Cadmium	108-1	993.25	981.27	996.16	990.23	0.80	ppb
Calcium	43-1	96932.19	97384.38	99184.07	97833.55	1.22	ppb
Calcium	44-1	96465.87	97573.26	97686.13	97241.75	0.69	ppb
Chromium	52-1	979.86	1005.58	995.81	993.75	1.31	ppb
Cobalt	59-1	995.26	985.82	995.59	992.22	0.56	ppb
Copper	63-1	1974.16	1967.81	1999.76	1980.58	0.85	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				115		%
Indium	115-1				109		%
Iron	56-1	50445.01	50293.86	51189.40	50642.76	0.95	ppb
Iron	57-1	50912.80	50425.68	50719.87	50686.12	0.48	ppb
Krypton	83-1						cps
Lead	206-1	1002.96	990.14	991.49	994.86	0.71	ppb
Lead	207-1	1008.46	993.72	991.96	998.04	0.91	ppb
Lead	208-1	1005.42	989.37	988.18	994.32	0.97	ppb
Lithium	6-1				102		%
Magnesium	24-1	98541.91	98136.41	98827.24	98501.85	0.35	ppb
Manganese	55-1	1960.52	1995.84	2003.88	1986.75	1.16	ppb
Molybdenum	94-1	5030.60	4936.24	4922.12	4962.99	1.19	ppb
Molybdenum	95-1	4971.06	4958.12	4965.65	4964.94	0.13	ppb
Molybdenum	96-1	5056.87	4915.81	4961.74	4978.14	1.45	ppb
Molybdenum	97-1	4973.05	4954.12	4967.72	4964.96	0.20	ppb
Molybdenum	98-1	5031.38	4966.38	4914.72	4970.83	1.18	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:26:55	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Neodymium	150-1						cps
Nickel	60-1	983.32	984.58	1000.35	989.42	0.96	ppb
Phosphorus	31-1	19691.46	19918.02	19879.06	19829.51	0.61	ppb
Potassium	39-1	50271.79	50495.41	50949.43	50572.21	0.68	ppb
Rhodium	103-1				105		%
Scandium	45-1				106		%
Selenium	77-1	1006.48	981.72	975.04	987.75	1.68	ppb
Selenium	78-1	999.39	982.46	979.01	986.95	1.11	ppb
Selenium	82-1	1002.43	985.28	983.23	990.31	1.06	ppb
Silicon	28-1	962.39	966.64	970.82	966.62	0.44	ppb
Silver	107-1	983.73	977.13	1003.75	988.20	1.40	ppb
Silver	109-1	989.41	977.18	1006.12	990.90	1.47	ppb
Sodium	23-1	101687.74	101195.84	102486.21	101789.93	0.64	ppb
Strontium	86-1	1002.24	999.35	1004.75	1002.11	0.27	ppb
Strontium	88-1	991.87	993.73	1000.38	995.33	0.45	ppb
Sulfur	34-1	18557.12	18164.26	18673.61	18465.00	1.45	ppb
Terbium	159-1				113		%
Thallium	203-1	1006.78	995.35	983.80	995.31	1.15	ppb
Thallium	205-1	1009.53	994.44	976.21	993.39	1.68	ppb
Tin	118-1	982.44	997.16	1005.07	994.89	1.15	ppb
Titanium	47-1	4935.89	4949.93	5000.74	4962.18	0.69	ppb
Uranium	238-1	999.95	1005.98	987.07	997.67	0.97	ppb
Vanadium	51-1	991.07	992.48	998.86	994.14	0.42	ppb
Yttrium	89-1				109		%
Zinc	66-1	1966.10	1984.91	1994.93	1981.98	0.74	ppb
Zirconium	90-1	1002.21	996.48	983.76	994.15	0.95	ppb
Zirconium	91-1	1005.48	993.50	1000.23	999.74	0.60	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:30:32	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	98960.79	100874.58	100077.15	99970.84	0.96	ppb
Antimony	121-1	2.49	2.21	2.12	2.27	8.42	ppb
Arsenic	75-1	0.39	0.41	0.45	0.41	7.19	ppb
Barium	135-1	1.73	1.64	1.63	1.66	3.38	ppb
Barium	137-1	1.81	1.86	1.65	1.77	5.93	ppb
Beryllium	9-1	0.18	0.19	0.16	0.18	6.64	ppb
Bismuth	209-1				108		%
Boron	10-1	46.81	40.93	30.95	39.56	20.26	ppb
Boron	11-1	46.67	38.91	33.68	39.75	16.44	ppb
Cadmium	111-1	0.11	0.09	0.07	0.09	21.69	ppb
Cadmium	106-1	-0.93	-1.18	-0.93	-1.01		ppb
Cadmium	108-1	0.37	0.27	0.36	0.33	17.25	ppb
Calcium	43-1	498827.41	499909.87	502558.12	500431.80	0.38	ppb
Calcium	44-1	495014.22	505944.96	500788.95	500582.71	1.09	ppb
Chromium	52-1	48.03	47.76	46.77	47.52	1.40	ppb
Cobalt	59-1	1.80	1.90	1.79	1.83	3.44	ppb
Copper	63-1	10.61	11.11	11.02	10.91	2.44	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				117		%
Indium	115-1				110		%
Iron	56-1	248752.95	251992.37	248505.94	249750.42	0.78	ppb
Iron	57-1	247673.22	251609.77	249865.26	249716.08	0.79	ppb
Krypton	83-1						cps
Lead	206-1	1.97	1.94	1.88	1.93	2.40	ppb
Lead	207-1	1.94	1.86	1.80	1.87	3.69	ppb
Lead	208-1	1.92	1.91	1.82	1.88	2.84	ppb
Lithium	6-1				105		%
Magnesium	24-1	496830.73	504810.07	498875.32	500172.04	0.83	ppb
Manganese	55-1	10.13	10.07	10.10	10.10	0.29	ppb
Molybdenum	94-1	6.52	6.30	5.95	6.26	4.65	ppb
Molybdenum	95-1	8.82	8.76	8.25	8.61	3.63	ppb
Molybdenum	96-1	8.68	8.57	8.52	8.59	0.97	ppb
Molybdenum	97-1	8.79	8.46	8.03	8.43	4.49	ppb
Molybdenum	98-1	8.77	8.05	7.81	8.21	6.14	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:30:32	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Neodymium	150-1						cps
Nickel	60-1	30.75	30.62	30.42	30.59	0.54	ppb
Phosphorus	31-1	12.01	12.83	11.44	12.10	5.76	ppb
Potassium	39-1	248633.49	250568.18	250074.96	249758.88	0.40	ppb
Rhodium	103-1				104		%
Scandium	45-1				108		%
Selenium	77-1	0.79	0.69	0.60	0.69	13.65	ppb
Selenium	78-1	1.02	-3.18	-4.36	-2.17		ppb
Selenium	82-1	0.37	0.27	0.43	0.35	22.45	ppb
Silicon	28-1	69.92	70.74	67.16	69.27	2.71	ppb
Silver	107-1	0.18	0.14	0.14	0.15	12.85	ppb
Silver	109-1	0.15	0.15	0.15	0.15	2.52	ppb
Sodium	23-1	495688.25	503418.32	498739.80	499282.12	0.78	ppb
Strontium	86-1	33.05	31.91	31.57	32.18	2.40	ppb
Strontium	88-1	33.58	32.99	32.44	33.00	1.72	ppb
Sulfur	34-1	-2679.37	-2720.33	-2786.80	-2728.83		ppb
Terbium	159-1				117		%
Thallium	203-1	0.51	0.51	0.39	0.47	14.65	ppb
Thallium	205-1	0.53	0.49	0.47	0.50	6.90	ppb
Tin	118-1	1.80	1.84	1.74	1.79	2.74	ppb
Titanium	47-1	1.34	1.23	1.20	1.26	5.77	ppb
Uranium	238-1	0.21	0.21	0.20	0.21	3.65	ppb
Vanadium	51-1	0.49	0.51	0.47	0.49	4.37	ppb
Yttrium	89-1				112		%
Zinc	66-1	9.54	9.37	9.17	9.36	2.00	ppb
Zirconium	90-1	0.31	0.27	0.32	0.30	7.97	ppb
Zirconium	91-1	0.32	0.27	0.27	0.29	9.08	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:35:17	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	519.09	518.95	517.23	518.42	0.20	ppb
Antimony	121-1	190.16	189.85	191.06	190.36	0.33	ppb
Arsenic	75-1	192.32	191.49	192.22	192.01	0.24	ppb
Barium	135-1	97.53	96.19	97.90	97.21	0.93	ppb
Barium	137-1	95.95	95.37	97.19	96.17	0.97	ppb
Beryllium	9-1	91.73	92.10	90.68	91.50	0.81	ppb
Bismuth	209-1				111		%
Boron	10-1	536.16	549.30	556.94	547.47	1.92	ppb
Boron	11-1	541.22	555.34	557.52	551.36	1.60	ppb
Cadmium	111-1	101.11	100.16	101.79	101.02	0.81	ppb
Cadmium	106-1	154.91	156.68	155.98	155.86	0.57	ppb
Cadmium	108-1	130.25	126.28	130.84	129.12	1.92	ppb
Calcium	43-1	2057.89	2026.75	2066.22	2050.29	1.01	ppb
Calcium	44-1	1969.56	1979.98	1967.04	1972.19	0.35	ppb
Chromium	52-1	91.76	95.26	92.28	93.10	2.03	ppb
Cobalt	59-1	99.32	98.07	99.40	98.93	0.76	ppb
Copper	63-1	98.90	100.60	99.12	99.54	0.93	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				112		%
Indium	115-1				111		%
Iron	56-1	989.84	983.17	983.31	985.44	0.39	ppb
Iron	57-1	988.38	990.80	988.34	989.17	0.14	ppb
Krypton	83-1						cps
Lead	206-1	189.66	187.61	191.98	189.75	1.15	ppb
Lead	207-1	182.65	179.10	181.96	181.24	1.04	ppb
Lead	208-1	185.98	183.56	187.51	185.68	1.07	ppb
Lithium	6-1				108		%
Magnesium	24-1	1185.33	1193.01	1203.23	1193.86	0.75	ppb
Manganese	55-1	99.14	98.41	100.15	99.23	0.88	ppb
Molybdenum	94-1	1121.86	1119.93	1122.21	1121.33	0.11	ppb
Molybdenum	95-1	511.89	502.74	513.28	509.31	1.12	ppb
Molybdenum	96-1	598.11	585.77	587.40	590.43	1.14	ppb
Molybdenum	97-1	491.43	488.06	489.69	489.73	0.34	ppb
Molybdenum	98-1	508.74	504.74	511.36	508.28	0.66	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:35:17	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Neodymium	150-1						cps
Nickel	60-1	96.02	98.27	97.42	97.24	1.17	ppb
Phosphorus	31-1	3.66	2.22	4.20	3.36	30.43	ppb
Potassium	39-1	2047.88	2053.88	2042.92	2048.23	0.27	ppb
Rhodium	103-1				111		%
Scandium	45-1				109		%
Selenium	77-1	197.72	196.70	195.67	196.70	0.52	ppb
Selenium	78-1	186.69	192.21	187.82	188.90	1.54	ppb
Selenium	82-1	197.60	195.63	197.42	196.88	0.55	ppb
Silicon	28-1	479.79	477.06	480.30	479.05	0.36	ppb
Silver	107-1	100.62	98.99	101.17	100.26	1.13	ppb
Silver	109-1	97.55	96.43	100.01	98.00	1.87	ppb
Sodium	23-1	2178.94	2155.06	2147.08	2160.36	0.77	ppb
Strontium	86-1	484.05	489.09	489.30	487.48	0.61	ppb
Strontium	88-1	498.94	506.93	503.83	503.23	0.80	ppb
Sulfur	34-1	-2845.60	-2685.03	-2714.41	-2748.35		ppb
Terbium	159-1				111		%
Thallium	203-1	191.10	188.78	194.01	191.30	1.37	ppb
Thallium	205-1	200.87	196.20	204.11	200.39	1.98	ppb
Tin	118-1	518.71	510.74	518.71	516.05	0.89	ppb
Titanium	47-1	493.11	497.20	493.78	494.69	0.44	ppb
Uranium	238-1	553.45	543.49	552.51	549.82	1.00	ppb
Vanadium	51-1	96.39	96.78	97.19	96.79	0.41	ppb
Yttrium	89-1				110		%
Zinc	66-1	196.23	193.10	192.84	194.05	0.97	ppb
Zirconium	90-1	499.49	499.03	498.10	498.88	0.14	ppb
Zirconium	91-1	503.03	484.63	496.05	494.57	1.88	ppb

LB Number : LB95400 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-16 13:38:44 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.72	0.74	0.78	0.75	3.68	ppb
Antimony	121-1	0.72	0.58	0.50	0.60	18.70	ppb
Arsenic	75-1	-0.05	-0.03	-0.02	-0.03		ppb
Barium	135-1	0.02	-0.01	-0.04	-0.01		ppb
Barium	137-1	0.01	0.00	0.00	0.01	85.24	ppb
Beryllium	9-1	0.04	0.02	0.02	0.03	41.59	ppb
Bismuth	209-1				108		%
Boron	10-1	17.04	15.34	15.18	15.85	6.49	ppb
Boron	11-1	15.78	15.51	13.56	14.95	8.10	ppb
Cadmium	111-1	0.12	-0.02	0.02	0.04	179.88	ppb
Cadmium	106-1	1.36	-0.32	0.35	0.46	183.28	ppb
Cadmium	108-1	0.02	-0.02	0.33	0.11	177.89	ppb
Calcium	43-1	-6.25	7.66	-1.01	0.13	5255.75	ppb
Calcium	44-1	0.40	-2.77	0.58	-0.60		ppb
Chromium	52-1	-0.05	-0.06	-0.02	-0.04		ppb
Cobalt	59-1	0.00	-0.02	0.00	-0.01		ppb
Copper	63-1	0.21	0.18	0.27	0.22	21.04	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				111		%
Indium	115-1				110		%
Iron	56-1	-10.49	-9.18	-7.04	-8.90		ppb
Iron	57-1	-4.43	-3.29	-3.09	-3.60		ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.05	0.06	14.18	ppb
Lead	207-1	0.06	0.05	0.05	0.06	13.59	ppb
Lead	208-1	0.07	0.06	0.05	0.06	12.90	ppb
Lithium	6-1				107		%
Magnesium	24-1	3.37	3.00	2.91	3.10	7.83	ppb
Manganese	55-1	0.18	0.19	0.21	0.19	7.69	ppb
Molybdenum	94-1	0.30	0.27	0.24	0.27	10.73	ppb
Molybdenum	95-1	0.34	0.28	0.27	0.30	12.43	ppb
Molybdenum	96-1	0.35	0.30	0.27	0.31	12.79	ppb
Molybdenum	97-1	0.25	0.40	0.21	0.29	34.32	ppb
Molybdenum	98-1	0.25	0.29	0.24	0.26	9.79	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:38:44	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Neodymium	150-1						cps
Nickel	60-1	-0.02	-0.02	-0.02	-0.02		ppb
Phosphorus	31-1	0.65	1.22	0.55	0.81	44.98	ppb
Potassium	39-1	29.06	30.67	29.84	29.85	2.70	ppb
Rhodium	103-1				110		%
Scandium	45-1				108		%
Selenium	77-1	-0.01	0.31	-0.20	0.04	720.73	ppb
Selenium	78-1	-6.91	-4.91	-5.16	-5.66		ppb
Selenium	82-1	-0.03	0.20	-0.26	-0.03		ppb
Silicon	28-1	-16.64	-15.06	-15.71	-15.80		ppb
Silver	107-1	0.03	0.02	0.02	0.02	23.39	ppb
Silver	109-1	0.03	0.03	0.02	0.03	21.30	ppb
Sodium	23-1	93.40	92.23	91.37	92.33	1.11	ppb
Strontium	86-1	-0.01	-0.01	-0.04	-0.02		ppb
Strontium	88-1	0.01	0.01	0.00	0.01	69.96	ppb
Sulfur	34-1	-2323.64	-2440.30	-2280.11	-2348.01		ppb
Terbium	159-1				110		%
Thallium	203-1	0.10	0.13	0.11	0.11	11.43	ppb
Thallium	205-1	0.14	0.13	0.11	0.13	12.57	ppb
Tin	118-1	0.27	0.26	0.26	0.27	2.79	ppb
Titanium	47-1	0.12	-0.05	-0.01	0.02	441.52	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	4.15	ppb
Vanadium	51-1	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				109		%
Zinc	66-1	-0.06	-0.03	-0.06	-0.05		ppb
Zirconium	90-1	0.05	0.06	0.08	0.06	21.63	ppb
Zirconium	91-1	0.03	0.03	0.02	0.03	29.21	ppb

LB Number : LB95400 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-16 13:42:15 DataFile Name : 014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	91477.82	93706.36	92052.53	92412.24	1.25	ppb
Antimony	121-1	1.34	1.34	1.36	1.35	0.79	ppb
Arsenic	75-1	1.56	1.73	1.87	1.72	8.98	ppb
Barium	135-1	1.30	1.15	1.39	1.28	9.55	ppb
Barium	137-1	1.38	1.52	1.33	1.41	7.11	ppb
Beryllium	9-1	0.26	0.18	0.24	0.23	17.84	ppb
Bismuth	209-1				106		%
Boron	10-1	10.18	11.44	8.03	9.88	17.45	ppb
Boron	11-1	10.89	10.59	8.72	10.07	11.66	ppb
Cadmium	111-1	0.25	0.19	0.30	0.25	22.55	ppb
Cadmium	106-1	-0.32	-0.74	0.11	-0.32		ppb
Cadmium	108-1	8.20	9.06	7.78	8.35	7.81	ppb
Calcium	43-1	95436.20	96445.39	96458.36	96113.32	0.61	ppb
Calcium	44-1	94911.91	95216.37	95262.62	95130.30	0.20	ppb
Chromium	52-1	20.36	20.90	20.32	20.52	1.58	ppb
Cobalt	59-1	1.15	1.15	1.15	1.15	0.25	ppb
Copper	63-1	8.88	8.83	8.79	8.83	0.51	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				113		%
Indium	115-1				110		%
Iron	56-1	97012.62	99491.26	97843.28	98115.72	1.29	ppb
Iron	57-1	96755.62	98266.08	97814.59	97612.10	0.79	ppb
Krypton	83-1						cps
Lead	206-1	4.74	4.73	4.47	4.65	3.23	ppb
Lead	207-1	4.08	4.08	3.89	4.01	2.74	ppb
Lead	208-1	4.34	4.35	4.22	4.30	1.71	ppb
Lithium	6-1				107		%
Magnesium	24-1	97448.65	98781.94	97416.69	97882.43	0.80	ppb
Manganese	55-1	7.51	7.66	7.49	7.55	1.19	ppb
Molybdenum	94-1	1362.09	1359.13	1353.92	1358.38	0.30	ppb
Molybdenum	95-1	1970.52	1930.16	1924.33	1941.67	1.30	ppb
Molybdenum	96-1	1892.83	1855.61	1834.99	1861.14	1.57	ppb
Molybdenum	97-1	1957.92	1943.17	1941.82	1947.64	0.46	ppb
Molybdenum	98-1	1965.85	1932.64	1921.45	1939.98	1.19	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:42:15	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Neodymium	150-1						cps
Nickel	60-1	6.17	6.18	5.77	6.04	3.91	ppb
Phosphorus	31-1	97953.77	97491.11	96097.97	97180.95	0.99	ppb
Potassium	39-1	98100.16	98774.43	98171.93	98348.84	0.38	ppb
Rhodium	103-1				108		%
Scandium	45-1				110		%
Selenium	77-1	10.89	12.03	11.90	11.61	5.34	ppb
Selenium	78-1	-0.88	-4.27	-6.39	-3.85		ppb
Selenium	82-1	0.08	0.71	0.49	0.43	74.79	ppb
Silicon	28-1	27.97	28.72	25.41	27.36	6.35	ppb
Silver	107-1	0.11	0.11	0.07	0.10	22.56	ppb
Silver	109-1	0.12	0.11	0.11	0.11	7.17	ppb
Sodium	23-1	100531.63	100564.86	99404.76	100167.08	0.66	ppb
Strontium	86-1	32.90	32.39	32.42	32.57	0.88	ppb
Strontium	88-1	33.43	32.96	32.86	33.09	0.91	ppb
Sulfur	34-1	100941.03	101670.10	99719.79	100776.97	0.98	ppb
Terbium	159-1				113		%
Thallium	203-1	0.20	0.25	0.29	0.24	18.88	ppb
Thallium	205-1	0.18	0.26	0.28	0.24	21.83	ppb
Tin	118-1	0.22	0.18	0.22	0.21	10.29	ppb
Titanium	47-1	2014.54	1993.83	1982.44	1996.94	0.81	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	28.08	ppb
Vanadium	51-1	0.34	0.39	0.45	0.39	14.37	ppb
Yttrium	89-1				110		%
Zinc	66-1	11.34	11.24	11.28	11.29	0.48	ppb
Zirconium	90-1	0.42	0.31	0.23	0.32	29.06	ppb
Zirconium	91-1	0.41	0.31	0.21	0.31	32.76	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:45:51	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	92075.07	93336.06	91730.73	92380.62	0.91	ppb
Antimony	121-1	19.62	19.74	20.00	19.79	1.00	ppb
Arsenic	75-1	20.67	21.09	21.27	21.01	1.47	ppb
Barium	135-1	21.00	20.63	20.67	20.77	0.98	ppb
Barium	137-1	20.21	20.60	20.84	20.55	1.55	ppb
Beryllium	9-1	19.00	18.34	19.60	18.98	3.33	ppb
Bismuth	209-1				110		%
Boron	10-1	58.55	59.17	62.19	59.97	3.25	ppb
Boron	11-1	62.37	60.00	61.00	61.12	1.95	ppb
Cadmium	111-1	18.73	19.04	19.43	19.07	1.84	ppb
Cadmium	106-1	21.90	23.45	21.30	22.21	5.00	ppb
Cadmium	108-1	28.55	28.61	28.54	28.57	0.13	ppb
Calcium	43-1	96724.54	97079.07	95244.05	96349.22	1.01	ppb
Calcium	44-1	94692.52	95947.72	94381.24	95007.16	0.87	ppb
Chromium	52-1	40.27	40.85	40.25	40.45	0.85	ppb
Cobalt	59-1	20.54	20.81	20.42	20.59	0.96	ppb
Copper	63-1	28.34	28.81	28.47	28.54	0.85	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				116		%
Indium	115-1				112		%
Iron	56-1	97710.95	99534.87	99120.98	98788.94	0.97	ppb
Iron	57-1	97360.77	99442.28	98064.67	98289.24	1.08	ppb
Krypton	83-1						cps
Lead	206-1	24.58	24.34	24.19	24.37	0.81	ppb
Lead	207-1	22.62	22.04	22.83	22.50	1.82	ppb
Lead	208-1	23.29	22.86	23.17	23.11	0.97	ppb
Lithium	6-1				110		%
Magnesium	24-1	97307.53	98247.65	97279.13	97611.44	0.56	ppb
Manganese	55-1	27.07	27.21	27.00	27.09	0.40	ppb
Molybdenum	94-1	1457.99	1468.97	1472.58	1466.51	0.52	ppb
Molybdenum	95-1	1978.00	2003.28	1998.19	1993.16	0.67	ppb
Molybdenum	96-1	1903.27	1940.86	1928.75	1924.30	1.00	ppb
Molybdenum	97-1	1994.75	2001.84	2017.34	2004.64	0.58	ppb
Molybdenum	98-1	1970.45	2012.29	2031.89	2004.88	1.57	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:45:51	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Neodymium	150-1						cps
Nickel	60-1	25.56	26.07	25.58	25.74	1.13	ppb
Phosphorus	31-1	95999.81	96484.79	96252.65	96245.75	0.25	ppb
Potassium	39-1	98444.74	99378.87	98931.66	98918.42	0.47	ppb
Rhodium	103-1				108		%
Scandium	45-1				109		%
Selenium	77-1	32.63	32.85	33.81	33.10	1.90	ppb
Selenium	78-1	17.25	15.36	14.78	15.79	8.18	ppb
Selenium	82-1	19.68	18.24	18.77	18.90	3.84	ppb
Silicon	28-1	95.26	97.10	94.40	95.59	1.44	ppb
Silver	107-1	18.38	18.68	18.65	18.57	0.88	ppb
Silver	109-1	18.27	18.31	18.14	18.24	0.48	ppb
Sodium	23-1	100422.09	101404.82	99855.68	100560.86	0.78	ppb
Strontium	86-1	83.45	82.88	83.46	83.26	0.40	ppb
Strontium	88-1	87.94	88.00	89.89	88.61	1.25	ppb
Sulfur	34-1	99485.79	99715.64	99913.15	99704.86	0.21	ppb
Terbium	159-1				116		%
Thallium	203-1	20.17	19.44	19.71	19.77	1.86	ppb
Thallium	205-1	20.23	19.99	20.42	20.21	1.06	ppb
Tin	118-1	50.87	50.54	51.55	50.99	1.02	ppb
Titanium	47-1	2008.13	2054.97	2054.92	2039.34	1.33	ppb
Uranium	238-1	53.61	52.11	52.85	52.86	1.42	ppb
Vanadium	51-1	19.55	19.72	19.58	19.62	0.47	ppb
Yttrium	89-1				111		%
Zinc	66-1	29.82	30.35	30.38	30.18	1.05	ppb
Zirconium	90-1	51.53	51.87	51.79	51.73	0.34	ppb
Zirconium	91-1	51.31	52.03	51.95	51.76	0.77	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P8
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:49:24	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	52722.69	52888.16	52154.74	52588.53	0.73	ppb
Antimony	121-1	508.12	499.86	512.73	506.90	1.29	ppb
Arsenic	75-1	493.49	486.29	481.50	487.09	1.24	ppb
Barium	135-1	2551.01	2559.86	2587.48	2566.12	0.74	ppb
Barium	137-1	2530.02	2536.05	2548.00	2538.02	0.36	ppb
Beryllium	9-1	484.59	485.37	476.35	482.10	1.04	ppb
Bismuth	209-1				116		%
Boron	10-1	483.93	490.65	503.11	492.56	1.98	ppb
Boron	11-1	483.00	499.48	503.15	495.21	2.17	ppb
Cadmium	111-1	479.73	472.57	470.53	474.28	1.02	ppb
Cadmium	106-1	487.66	481.92	482.85	484.14	0.64	ppb
Cadmium	108-1	481.33	489.23	492.03	487.53	1.14	ppb
Calcium	43-1	246536.24	246667.23	242027.60	245077.02	1.08	ppb
Calcium	44-1	243453.85	244569.48	244148.55	244057.29	0.23	ppb
Chromium	52-1	520.09	524.85	522.30	522.41	0.46	ppb
Cobalt	59-1	504.72	503.50	510.07	506.09	0.69	ppb
Copper	63-1	999.81	1000.53	995.26	998.53	0.29	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				122		%
Indium	115-1				115		%
Iron	56-1	126175.98	126709.77	126057.21	126314.32	0.28	ppb
Iron	57-1	127022.73	126081.72	126060.47	126388.31	0.43	ppb
Krypton	83-1						cps
Lead	206-1	520.28	514.98	513.62	516.30	0.68	ppb
Lead	207-1	516.52	518.11	519.30	517.98	0.27	ppb
Lead	208-1	520.27	514.08	518.70	517.68	0.62	ppb
Lithium	6-1				110		%
Magnesium	24-1	242972.49	244268.65	242351.72	243197.62	0.40	ppb
Manganese	55-1	1015.14	1023.66	1009.75	1016.18	0.69	ppb
Molybdenum	94-1	2607.78	2587.14	2568.54	2587.82	0.76	ppb
Molybdenum	95-1	2551.24	2550.51	2546.26	2549.34	0.11	ppb
Molybdenum	96-1	2600.09	2579.85	2540.63	2573.52	1.17	ppb
Molybdenum	97-1	2599.89	2569.63	2548.61	2572.71	1.00	ppb
Molybdenum	98-1	2553.27	2549.19	2556.78	2553.08	0.15	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P8
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:49:24	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Neodymium	150-1						cps
Nickel	60-1	511.21	526.90	511.02	516.38	1.77	ppb
Phosphorus	31-1	10210.57	10188.99	10100.36	10166.64	0.57	ppb
Potassium	39-1	126185.99	128036.54	126243.45	126821.99	0.83	ppb
Rhodium	103-1				109		%
Scandium	45-1				112		%
Selenium	77-1	501.69	493.69	491.63	495.67	1.07	ppb
Selenium	78-1	492.88	486.14	484.68	487.90	0.90	ppb
Selenium	82-1	496.46	489.81	489.45	491.91	0.80	ppb
Silicon	28-1	544.01	551.51	544.66	546.73	0.76	ppb
Silver	107-1	493.68	497.83	496.55	496.02	0.43	ppb
Silver	109-1	493.86	496.77	493.32	494.65	0.38	ppb
Sodium	23-1	254418.30	255747.00	252849.18	254338.16	0.57	ppb
Strontium	86-1	501.66	494.32	493.66	496.55	0.89	ppb
Strontium	88-1	531.36	530.65	522.03	528.01	0.98	ppb
Sulfur	34-1	10831.90	10898.98	10555.58	10762.15	1.69	ppb
Terbium	159-1				120		%
Thallium	203-1	518.85	518.13	519.24	518.74	0.11	ppb
Thallium	205-1	518.07	513.29	517.10	516.15	0.49	ppb
Tin	118-1	503.74	507.17	511.34	507.42	0.75	ppb
Titanium	47-1	2577.08	2571.54	2602.29	2583.64	0.63	ppb
Uranium	238-1	528.59	521.13	525.83	525.18	0.72	ppb
Vanadium	51-1	506.23	513.42	514.84	511.50	0.90	ppb
Yttrium	89-1				115		%
Zinc	66-1	1010.90	1009.99	988.93	1003.27	1.24	ppb
Zirconium	90-1	513.52	516.33	508.66	512.84	0.76	ppb
Zirconium	91-1	523.82	524.10	516.80	521.57	0.79	ppb

LB Number : LB95400 Operator : Jaswal
 Lab Sample ID : CCB81 Instrumnet Name : P8
 Client Sample ID : CCB81 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-16 13:52:52 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	1.59	1.49	1.47	1.52	4.06	ppb
Antimony	121-1	1.19	1.08	0.89	1.05	14.65	ppb
Arsenic	75-1	0.06	0.05	0.03	0.05	40.60	ppb
Barium	135-1	0.00	-0.01	-0.02	-0.01		ppb
Barium	137-1	0.03	0.01	-0.01	0.01	191.25	ppb
Beryllium	9-1	0.03	-0.01	0.02	0.01	153.84	ppb
Bismuth	209-1				120		%
Boron	10-1	16.36	15.35	13.53	15.08	9.52	ppb
Boron	11-1	16.10	15.09	12.79	14.66	11.57	ppb
Cadmium	111-1	0.01	-0.04	-0.07	-0.03		ppb
Cadmium	106-1	-0.35	-0.77	-1.34	-0.82		ppb
Cadmium	108-1	0.04	0.07	-0.06	0.02	356.41	ppb
Calcium	43-1	-2.39	3.97	-0.52	0.36	920.21	ppb
Calcium	44-1	-0.29	-1.81	-2.63	-1.58		ppb
Chromium	52-1	-0.08	-0.04	-0.12	-0.08		ppb
Cobalt	59-1	-0.01	0.00	-0.02	-0.01		ppb
Copper	63-1	0.09	0.14	0.05	0.09	42.85	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				119		%
Indium	115-1				116		%
Iron	56-1	-4.39	-6.67	-6.48	-5.85		ppb
Iron	57-1	-12.15	-15.87	-12.08	-13.37		ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.11	0.10	0.11	5.34	ppb
Lead	207-1	0.07	0.09	0.10	0.09	18.40	ppb
Lead	208-1	0.09	0.10	0.11	0.10	5.93	ppb
Lithium	6-1				109		%
Magnesium	24-1	4.01	3.53	3.31	3.62	9.86	ppb
Manganese	55-1	0.17	0.15	0.10	0.14	26.88	ppb
Molybdenum	94-1	0.72	0.62	0.55	0.63	13.18	ppb
Molybdenum	95-1	0.89	0.83	0.67	0.80	13.78	ppb
Molybdenum	96-1	0.95	0.75	0.59	0.76	23.39	ppb
Molybdenum	97-1	0.91	0.76	0.67	0.78	15.66	ppb
Molybdenum	98-1	0.88	0.77	0.60	0.75	19.29	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P8
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:52:52	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Neodymium	150-1						cps
Nickel	60-1	0.03	0.02	0.05	0.03	39.53	ppb
Phosphorus	31-1	-0.53	-1.66	-1.44	-1.21		ppb
Potassium	39-1	17.86	6.38	7.01	10.42	61.97	ppb
Rhodium	103-1				114		%
Scandium	45-1				110		%
Selenium	77-1	0.90	0.60	0.77	0.76	19.42	ppb
Selenium	78-1	-8.21	-7.39	-2.60	-6.07		ppb
Selenium	82-1	-1.19	-0.58	-0.03	-0.60		ppb
Silicon	28-1	-20.56	-21.28	-21.10	-20.98		ppb
Silver	107-1	0.07	0.06	0.06	0.07	8.34	ppb
Silver	109-1	0.06	0.08	0.06	0.07	17.09	ppb
Sodium	23-1	87.95	80.95	78.10	82.33	6.15	ppb
Strontium	86-1	0.00	-0.08	-0.01	-0.03		ppb
Strontium	88-1	0.01	0.01	0.00	0.01	63.47	ppb
Sulfur	34-1	-2982.83	-3071.18	-2922.30	-2992.10		ppb
Terbium	159-1				118		%
Thallium	203-1	0.23	0.19	0.25	0.22	13.45	ppb
Thallium	205-1	0.21	0.20	0.20	0.20	5.02	ppb
Tin	118-1	0.27	0.22	0.18	0.22	19.89	ppb
Titanium	47-1	0.11	0.09	0.07	0.09	24.85	ppb
Uranium	238-1	0.00	0.00	0.01	0.01	6.65	ppb
Vanadium	51-1	0.02	0.02	0.01	0.02	14.14	ppb
Yttrium	89-1				112		%
Zinc	66-1	-0.06	-0.03	-0.06	-0.05		ppb
Zirconium	90-1	0.09	0.09	0.09	0.09	3.37	ppb
Zirconium	91-1	0.09	0.07	0.08	0.08	14.74	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:56:23	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	20.62	19.97	20.34	20.31	1.62	ppb
Antimony	121-1	2.07	2.09	2.16	2.11	2.21	ppb
Arsenic	75-1	1.05	0.93	0.96	0.98	6.79	ppb
Barium	135-1	8.74	9.36	9.17	9.09	3.52	ppb
Barium	137-1	9.08	9.13	9.36	9.19	1.66	ppb
Beryllium	9-1	0.92	0.92	0.88	0.91	2.23	ppb
Bismuth	209-1				118		%
Boron	10-1	25.41	30.25	28.18	27.94	8.68	ppb
Boron	11-1	26.90	28.17	27.94	27.67	2.44	ppb
Cadmium	111-1	0.80	0.68	0.91	0.80	14.08	ppb
Cadmium	106-1	-0.19	-1.79	0.03	-0.65		ppb
Cadmium	108-1	1.08	0.89	1.24	1.07	16.18	ppb
Calcium	43-1	455.22	461.58	428.81	448.54	3.87	ppb
Calcium	44-1	444.93	436.96	442.86	441.58	0.94	ppb
Chromium	52-1	1.93	1.88	1.96	1.92	1.92	ppb
Cobalt	59-1	0.94	0.93	0.93	0.93	0.53	ppb
Copper	63-1	1.99	1.86	2.01	1.95	4.07	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				117		%
Indium	115-1				114		%
Iron	56-1	44.69	37.87	42.98	41.85	8.47	ppb
Iron	57-1	40.43	38.17	39.26	39.29	2.88	ppb
Krypton	83-1						cps
Lead	206-1	1.01	1.03	1.07	1.04	2.99	ppb
Lead	207-1	0.94	1.00	0.97	0.97	3.43	ppb
Lead	208-1	1.00	0.99	1.02	1.00	1.62	ppb
Lithium	6-1				108		%
Magnesium	24-1	481.50	472.02	479.29	477.60	1.04	ppb
Manganese	55-1	1.06	1.05	1.07	1.06	1.01	ppb
Molybdenum	94-1	5.40	4.96	5.00	5.12	4.69	ppb
Molybdenum	95-1	4.84	4.85	4.80	4.83	0.56	ppb
Molybdenum	96-1	4.90	4.75	4.85	4.83	1.54	ppb
Molybdenum	97-1	4.78	4.64	4.86	4.76	2.35	ppb
Molybdenum	98-1	4.92	4.91	4.88	4.90	0.37	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:56:23	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Neodymium	150-1						cps
Nickel	60-1	1.05	0.96	1.08	1.03	5.96	ppb
Phosphorus	31-1	0.32	2.42	1.24	1.33	79.39	ppb
Potassium	39-1	477.77	462.53	470.71	470.33	1.62	ppb
Rhodium	103-1				113		%
Scandium	45-1				108		%
Selenium	77-1	4.84	5.35	5.34	5.18	5.61	ppb
Selenium	78-1	-0.60	-4.45	-0.19	-1.75		ppb
Selenium	82-1	4.87	3.94	4.08	4.30	11.64	ppb
Silicon	28-1	-1.34	-3.87	-2.48	-2.56		ppb
Silver	107-1	0.97	0.99	1.01	0.99	1.87	ppb
Silver	109-1	0.99	0.95	1.00	0.98	2.75	ppb
Sodium	23-1	535.48	530.71	527.63	531.28	0.74	ppb
Strontium	86-1	0.96	0.85	0.98	0.93	7.50	ppb
Strontium	88-1	0.98	0.97	1.00	0.98	1.53	ppb
Sulfur	34-1	-2603.40	-2649.27	-2547.44	-2600.04		ppb
Terbium	159-1				116		%
Thallium	203-1	1.00	0.99	1.03	1.01	1.80	ppb
Thallium	205-1	1.06	1.06	1.03	1.05	1.48	ppb
Tin	118-1	4.68	4.73	4.71	4.71	0.52	ppb
Titanium	47-1	4.60	4.71	4.75	4.69	1.73	ppb
Uranium	238-1	0.87	0.89	0.88	0.88	1.33	ppb
Vanadium	51-1	4.57	4.54	4.52	4.54	0.49	ppb
Yttrium	89-1				111		%
Zinc	66-1	1.99	2.11	1.87	1.99	5.97	ppb
Zirconium	90-1	1.17	1.11	1.12	1.13	2.85	ppb
Zirconium	91-1	1.26	1.11	1.11	1.16	7.59	ppb

LB Number : LB95400 Operator : Jaswal
 Lab Sample ID : PB109336BL Instrumnet Name : P8
 Client Sample ID : PB109336BL Dilution Factor : 1
 Date & Time Acquired :: 2018-05-16 13:59:53 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.73	0.67	0.64	0.68	6.42	ppb
Antimony	121-1	0.16	0.16	0.15	0.16	1.85	ppb
Arsenic	75-1	-0.01	-0.02	-0.01	-0.01		ppb
Barium	135-1	-0.04	-0.03	-0.01	-0.03		ppb
Barium	137-1	0.01	-0.03	-0.02	-0.01		ppb
Beryllium	9-1	-0.03	-0.02	-0.04	-0.03		ppb
Bismuth	209-1				115		%
Boron	10-1	6.18	5.69	5.39	5.75	6.95	ppb
Boron	11-1	6.61	5.92	5.72	6.08	7.73	ppb
Cadmium	111-1	-0.10	-0.01	0.04	-0.02		ppb
Cadmium	106-1	-1.38	-0.51	0.59	-0.43		ppb
Cadmium	108-1	0.05	-0.06	0.01	0.00	9105.78	ppb
Calcium	43-1	-0.19	-8.30	-7.87	-5.45		ppb
Calcium	44-1	-3.47	-8.22	-6.29	-5.99		ppb
Chromium	52-1	0.02	-0.04	0.00	-0.01		ppb
Cobalt	59-1	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-1	-0.03	-0.01	-0.03	-0.02		ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				116		%
Indium	115-1				113		%
Iron	56-1	0.63	-5.35	-7.09	-3.94		ppb
Iron	57-1	-6.09	-10.99	-11.36	-9.48		ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.04	0.06	0.06	18.58	ppb
Lead	207-1	0.06	0.05	0.06	0.06	7.50	ppb
Lead	208-1	0.06	0.05	0.07	0.06	14.57	ppb
Lithium	6-1				106		%
Magnesium	24-1	1.87	1.73	1.59	1.73	7.97	ppb
Manganese	55-1	0.12	0.09	0.06	0.09	30.88	ppb
Molybdenum	94-1	0.13	0.10	0.06	0.10	35.09	ppb
Molybdenum	95-1	0.12	0.07	0.13	0.10	32.92	ppb
Molybdenum	96-1	0.09	0.06	0.13	0.09	35.19	ppb
Molybdenum	97-1	0.11	0.02	0.04	0.06	80.02	ppb
Molybdenum	98-1	0.08	0.07	0.08	0.08	12.24	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	PB109336BL	Instrumnet Name :	P8
Client Sample ID :	PB109336BL	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:59:53	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Neodymium	150-1						cps
Nickel	60-1	0.04	0.00	0.00	0.02	149.04	ppb
Phosphorus	31-1	-1.44	-2.60	-2.36	-2.14		ppb
Potassium	39-1	7.74	-10.42	-9.92	-4.20		ppb
Rhodium	103-1				111		%
Scandium	45-1				107		%
Selenium	77-1	0.41	0.41	0.21	0.34	32.95	ppb
Selenium	78-1	2.38	-7.31	-4.23	-3.05		ppb
Selenium	82-1	0.17	-1.11	-0.34	-0.43		ppb
Silicon	28-1	-13.62	-19.49	-20.42	-17.85		ppb
Silver	107-1	0.02	0.02	0.02	0.02	17.76	ppb
Silver	109-1	0.03	0.02	0.02	0.02	29.49	ppb
Sodium	23-1	39.01	35.31	33.34	35.89	8.01	ppb
Strontium	86-1	-0.01	-0.01	0.01	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	164.61	ppb
Sulfur	34-1	-1436.10	-2308.81	-2254.63	-1999.85		ppb
Terbium	159-1				115		%
Thallium	203-1	0.11	0.08	0.09	0.10	15.94	ppb
Thallium	205-1	0.10	0.10	0.08	0.09	10.20	ppb
Tin	118-1	0.05	0.05	0.00	0.03	77.20	ppb
Titanium	47-1	-0.05	-0.04	-0.04	-0.04		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-1	0.01	0.00	0.00	0.00	92.16	ppb
Yttrium	89-1				109		%
Zinc	66-1	-0.15	-0.18	-0.19	-0.17		ppb
Zirconium	90-1	0.02	0.04	0.03	0.03	21.77	ppb
Zirconium	91-1	0.02	0.01	0.03	0.02	40.52	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	PB109336BS	Instrumnet Name :	P8
Client Sample ID :	PB109336BS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 14:03:25	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	9990.13	9985.19	9949.81	9975.04	0.22	ppb
Antimony	121-1	503.34	500.36	496.35	500.01	0.70	ppb
Arsenic	75-1	496.13	497.04	494.56	495.91	0.25	ppb
Barium	135-1	2511.64	2510.46	2456.21	2492.77	1.27	ppb
Barium	137-1	2497.82	2491.76	2449.64	2479.74	1.06	ppb
Beryllium	9-1	491.68	478.86	478.68	483.07	1.54	ppb
Bismuth	209-1				115		%
Boron	10-1	470.94	475.54	492.05	479.51	2.32	ppb
Boron	11-1	467.18	473.48	487.19	475.95	2.15	ppb
Cadmium	111-1	490.16	485.01	484.72	486.63	0.63	ppb
Cadmium	106-1	507.71	498.67	488.94	498.44	1.88	ppb
Cadmium	108-1	501.11	497.76	489.93	496.26	1.16	ppb
Calcium	43-1	49562.16	48613.77	48626.91	48934.28	1.11	ppb
Calcium	44-1	48962.82	48543.45	48428.08	48644.78	0.58	ppb
Chromium	52-1	495.52	501.92	494.52	497.32	0.81	ppb
Cobalt	59-1	500.22	500.98	498.61	499.94	0.24	ppb
Copper	63-1	1015.74	1004.69	996.43	1005.62	0.96	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				118		%
Indium	115-1				114		%
Iron	56-1	25463.03	25658.06	25134.83	25418.64	1.04	ppb
Iron	57-1	25650.30	25597.46	25428.43	25558.73	0.45	ppb
Krypton	83-1						cps
Lead	206-1	497.32	504.56	501.62	501.17	0.73	ppb
Lead	207-1	491.49	508.79	488.73	496.33	2.19	ppb
Lead	208-1	499.51	507.16	495.45	500.71	1.19	ppb
Lithium	6-1				108		%
Magnesium	24-1	49998.16	49878.11	49851.55	49909.27	0.16	ppb
Manganese	55-1	1010.55	1016.31	993.49	1006.78	1.18	ppb
Molybdenum	94-1	2488.73	2506.83	2503.46	2499.67	0.39	ppb
Molybdenum	95-1	2493.55	2478.76	2500.83	2491.05	0.45	ppb
Molybdenum	96-1	2505.69	2490.22	2530.45	2508.79	0.81	ppb
Molybdenum	97-1	2507.07	2513.25	2537.17	2519.16	0.63	ppb
Molybdenum	98-1	2492.08	2502.33	2497.04	2497.15	0.21	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	PB109336BS	Instrumnet Name :	P8
Client Sample ID :	PB109336BS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 14:03:25	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Neodymium	150-1						cps
Nickel	60-1	509.92	503.70	507.80	507.14	0.62	ppb
Phosphorus	31-1	10076.50	9915.88	9925.72	9972.70	0.90	ppb
Potassium	39-1	25362.55	25353.70	25076.54	25264.26	0.64	ppb
Rhodium	103-1				109		%
Scandium	45-1				110		%
Selenium	77-1	502.81	506.02	507.44	505.42	0.47	ppb
Selenium	78-1	497.38	499.12	497.73	498.08	0.19	ppb
Selenium	82-1	503.63	504.75	510.05	506.14	0.68	ppb
Silicon	28-1	517.74	498.09	498.38	504.74	2.23	ppb
Silver	107-1	512.49	502.76	494.24	503.16	1.81	ppb
Silver	109-1	501.34	501.19	496.46	499.66	0.56	ppb
Sodium	23-1	51455.79	51295.00	51417.47	51389.42	0.16	ppb
Strontium	86-1	482.22	484.79	490.91	485.97	0.92	ppb
Strontium	88-1	496.56	499.96	499.34	498.62	0.36	ppb
Sulfur	34-1	11558.02	11574.43	11142.05	11424.83	2.14	ppb
Terbium	159-1				118		%
Thallium	203-1	498.55	503.45	496.77	499.59	0.69	ppb
Thallium	205-1	500.54	507.01	499.31	502.28	0.82	ppb
Tin	118-1	506.74	502.68	496.19	501.87	1.06	ppb
Titanium	47-1	2522.43	2532.45	2477.48	2510.78	1.17	ppb
Uranium	238-1	495.31	496.90	500.24	497.49	0.51	ppb
Vanadium	51-1	496.68	500.99	490.46	496.05	1.07	ppb
Yttrium	89-1				111		%
Zinc	66-1	1016.72	1009.22	1011.69	1012.54	0.38	ppb
Zirconium	90-1	497.58	491.30	495.21	494.70	0.64	ppb
Zirconium	91-1	488.22	491.78	496.73	492.24	0.87	ppb

LB Number : LB95400 Operator : Jaswal
 Lab Sample ID : J2931-01 Instrumnet Name : P8
 Client Sample ID : FHT-01-KI-FL16-1D Dilution Factor : 1
 Date & Time Acquired :: 2018-05-16 14:06:51 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	178.16	180.48	180.60	179.75	0.76	ppb
Antimony	121-1	0.98	0.93	0.84	0.92	7.77	ppb
Arsenic	75-1	0.29	0.22	0.21	0.24	18.54	ppb
Barium	135-1	16.23	15.68	15.70	15.87	1.98	ppb
Barium	137-1	16.19	15.80	15.90	15.97	1.28	ppb
Beryllium	9-1	0.06	0.08	0.06	0.07	21.55	ppb
Bismuth	209-1				123		%
Boron	10-1	24.45	24.49	23.76	24.24	1.69	ppb
Boron	11-1	25.36	25.04	22.38	24.26	6.72	ppb
Cadmium	111-1	0.00	-0.04	0.09	0.02	347.61	ppb
Cadmium	106-1	-0.66	-0.95	0.82	-0.27		ppb
Cadmium	108-1	0.16	0.10	0.13	0.13	23.86	ppb
Calcium	43-1	5719.18	5753.67	5625.33	5699.39	1.17	ppb
Calcium	44-1	5751.02	5747.51	5928.56	5809.03	1.78	ppb
Chromium	52-1	0.47	0.47	0.52	0.48	5.46	ppb
Cobalt	59-1	0.07	0.07	0.07	0.07	2.74	ppb
Copper	63-1	273.03	271.70	274.84	273.19	0.58	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				124		%
Indium	115-1				121		%
Iron	56-1	-4.03	-0.73	3.18	-0.52		ppb
Iron	57-1	13.07	19.18	13.20	15.15	23.05	ppb
Krypton	83-1						cps
Lead	206-1	0.35	0.36	0.37	0.36	3.05	ppb
Lead	207-1	0.28	0.32	0.33	0.31	8.69	ppb
Lead	208-1	0.33	0.33	0.33	0.33	0.78	ppb
Lithium	6-1				114		%
Magnesium	24-1	1340.05	1346.35	1364.29	1350.23	0.93	ppb
Manganese	55-1	8.56	8.72	8.59	8.63	0.98	ppb
Molybdenum	94-1	1.07	0.84	0.77	0.89	17.72	ppb
Molybdenum	95-1	0.70	0.62	0.57	0.63	10.79	ppb
Molybdenum	96-1	0.72	0.65	0.44	0.60	24.09	ppb
Molybdenum	97-1	0.76	0.63	0.44	0.61	26.83	ppb
Molybdenum	98-1	0.73	0.59	0.61	0.64	11.73	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	J2931-01	Instrumnet Name :	P8
Client Sample ID :	FHT-01-KI-FL16-1D	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 14:06:51	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Neodymium	150-1						cps
Nickel	60-1	4.44	4.56	4.34	4.45	2.46	ppb
Phosphorus	31-1	609.41	617.16	610.64	612.40	0.68	ppb
Potassium	39-1	562.90	580.00	576.44	573.11	1.57	ppb
Rhodium	103-1				119		%
Scandium	45-1				117		%
Selenium	77-1	0.32	0.51	0.35	0.39	26.29	ppb
Selenium	78-1	-19.70	-17.21	-18.57	-18.50		ppb
Selenium	82-1	0.26	0.44	0.08	0.26	68.91	ppb
Silicon	28-1	783.23	786.33	884.31	817.96	7.03	ppb
Silver	107-1	0.10	0.09	0.07	0.09	17.39	ppb
Silver	109-1	0.08	0.07	0.08	0.08	8.25	ppb
Sodium	23-1	10111.62	10060.80	10294.06	10155.49	1.21	ppb
Strontium	86-1	20.32	20.49	19.80	20.20	1.78	ppb
Strontium	88-1	20.81	20.65	20.61	20.69	0.51	ppb
Sulfur	34-1	-2734.11	-2475.24	-2158.27	-2455.87		ppb
Terbium	159-1				123		%
Thallium	203-1	0.18	0.15	0.18	0.17	7.79	ppb
Thallium	205-1	0.19	0.16	0.16	0.17	11.27	ppb
Tin	118-1	0.34	0.32	0.29	0.32	8.49	ppb
Titanium	47-1	0.45	0.37	0.52	0.45	16.93	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	41.48	ppb
Vanadium	51-1	0.07	0.07	0.06	0.07	9.00	ppb
Yttrium	89-1				118		%
Zinc	66-1	262.07	262.20	262.59	262.29	0.10	ppb
Zirconium	90-1	0.33	0.27	0.27	0.29	11.72	ppb
Zirconium	91-1	0.34	0.32	0.26	0.31	13.10	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	J2931-03	Instrumnet Name :	P8
Client Sample ID :	FHT-03-HA-BBFL16-1D	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 14:10:22	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	22.91	23.46	24.64	23.67	3.74	ppb
Antimony	121-1	0.30	0.33	0.32	0.32	5.48	ppb
Arsenic	75-1	0.22	0.19	0.13	0.18	25.10	ppb
Barium	135-1	16.88	17.50	16.59	16.99	2.76	ppb
Barium	137-1	16.85	16.78	16.42	16.68	1.38	ppb
Beryllium	9-1	0.01	0.04	0.01	0.02	94.63	ppb
Bismuth	209-1				121		%
Boron	10-1	15.30	13.05	11.65	13.34	13.83	ppb
Boron	11-1	14.67	14.44	14.13	14.41	1.88	ppb
Cadmium	111-1	-0.01	-0.04	-0.08	-0.04		ppb
Cadmium	106-1	-0.17	-0.68	-1.30	-0.72		ppb
Cadmium	108-1	0.19	0.13	0.16	0.16	18.70	ppb
Calcium	43-1	5683.66	5706.18	5796.69	5728.84	1.04	ppb
Calcium	44-1	5883.78	5842.22	5869.33	5865.11	0.36	ppb
Chromium	52-1	0.46	0.52	0.46	0.48	7.64	ppb
Cobalt	59-1	0.01	0.01	0.00	0.01	142.06	ppb
Copper	63-1	956.93	932.69	936.65	942.09	1.38	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				122		%
Indium	115-1				119		%
Iron	56-1	-8.46	-7.37	-2.98	-6.27		ppb
Iron	57-1	3.81	6.19	6.73	5.57	27.86	ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.28	0.26	0.27	5.20	ppb
Lead	207-1	0.23	0.28	0.27	0.26	10.35	ppb
Lead	208-1	0.28	0.27	0.27	0.27	1.61	ppb
Lithium	6-1				112		%
Magnesium	24-1	1379.58	1379.17	1381.35	1380.03	0.08	ppb
Manganese	55-1	17.25	16.93	17.27	17.15	1.10	ppb
Molybdenum	94-1	0.31	0.32	0.29	0.31	6.14	ppb
Molybdenum	95-1	0.20	0.20	0.17	0.19	8.11	ppb
Molybdenum	96-1	0.20	0.18	0.15	0.18	15.83	ppb
Molybdenum	97-1	0.15	0.21	0.19	0.19	16.46	ppb
Molybdenum	98-1	0.15	0.14	0.12	0.14	8.90	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	J2931-03	Instrumnet Name :	P8
Client Sample ID :	FHT-03-HA-BBFL16-1D	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 14:10:22	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Neodymium	150-1						cps
Nickel	60-1	2.12	2.09	1.99	2.07	3.30	ppb
Phosphorus	31-1	326.36	326.09	331.12	327.85	0.86	ppb
Potassium	39-1	573.18	563.96	583.69	573.61	1.72	ppb
Rhodium	103-1				117		%
Scandium	45-1				114		%
Selenium	77-1	0.27	0.28	0.25	0.27	4.95	ppb
Selenium	78-1	-15.45	-14.48	-13.42	-14.45		ppb
Selenium	82-1	0.47	-0.33	-0.35	-0.07		ppb
Silicon	28-1	842.27	828.61	851.58	840.82	1.37	ppb
Silver	107-1	0.03	0.04	0.04	0.03	6.49	ppb
Silver	109-1	0.03	0.04	0.03	0.03	15.39	ppb
Sodium	23-1	10304.30	10236.55	10130.73	10223.86	0.86	ppb
Strontium	86-1	20.78	21.51	20.11	20.80	3.37	ppb
Strontium	88-1	21.01	21.10	21.04	21.05	0.22	ppb
Sulfur	34-1	-1813.92	-1943.27	-1545.06	-1767.42		ppb
Terbium	159-1				120		%
Thallium	203-1	0.11	0.07	0.13	0.10	31.32	ppb
Thallium	205-1	0.10	0.09	0.07	0.09	14.09	ppb
Tin	118-1	0.02	0.01	0.00	0.01	92.73	ppb
Titanium	47-1	0.26	0.25	0.73	0.41	66.72	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-1	0.06	0.04	0.04	0.04	22.95	ppb
Yttrium	89-1				115		%
Zinc	66-1	43.28	42.23	42.56	42.69	1.26	ppb
Zirconium	90-1	0.18	0.15	0.13	0.15	13.66	ppb
Zirconium	91-1	0.17	0.16	0.11	0.14	21.99	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	J2931-05	Instrumnet Name :	P8
Client Sample ID :	FHT-05-WB-F1FL16-1D	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 14:13:52	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	250.16	253.50	295.17	266.27	9.42	ppb
Antimony	121-1	0.23	0.15	0.20	0.19	18.57	ppb
Arsenic	75-1	0.21	0.25	0.21	0.22	10.48	ppb
Barium	135-1	13.40	13.84	13.68	13.64	1.61	ppb
Barium	137-1	13.51	13.67	13.37	13.52	1.11	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	136.19	ppb
Bismuth	209-1				120		%
Boron	10-1	9.97	7.52	8.83	8.77	13.96	ppb
Boron	11-1	9.52	9.64	8.26	9.14	8.37	ppb
Cadmium	111-1	-0.03	-0.08	-0.07	-0.06		ppb
Cadmium	106-1	-0.70	-1.44	-0.93	-1.03		ppb
Cadmium	108-1	0.06	0.20	-0.06	0.07	186.38	ppb
Calcium	43-1	5839.44	5661.71	5855.82	5785.66	1.86	ppb
Calcium	44-1	5805.12	5815.13	5950.12	5856.79	1.38	ppb
Chromium	52-1	0.39	0.40	0.44	0.41	6.43	ppb
Cobalt	59-1	0.15	0.16	0.15	0.15	5.19	ppb
Copper	63-1	123.38	122.27	124.22	123.29	0.79	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				121		%
Indium	115-1				118		%
Iron	56-1	9.63	16.61	25.00	17.08	45.05	ppb
Iron	57-1	20.15	20.31	21.31	20.59	3.06	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.24	0.23	0.22	14.86	ppb
Lead	207-1	0.20	0.25	0.22	0.22	11.10	ppb
Lead	208-1	0.20	0.22	0.23	0.22	5.30	ppb
Lithium	6-1				111		%
Magnesium	24-1	1415.62	1390.93	1395.17	1400.57	0.94	ppb
Manganese	55-1	9.48	9.29	9.51	9.43	1.27	ppb
Molybdenum	94-1	0.16	0.10	0.14	0.14	21.23	ppb
Molybdenum	95-1	0.09	0.05	0.03	0.05	56.94	ppb
Molybdenum	96-1	0.12	0.07	0.09	0.09	26.98	ppb
Molybdenum	97-1	0.01	0.03	0.08	0.04	98.25	ppb
Molybdenum	98-1	0.10	0.05	0.07	0.07	33.78	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	J2931-05	Instrumnet Name :	P8
Client Sample ID :	FHT-05-WB-F1FL16-1D	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 14:13:52	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Neodymium	150-1						cps
Nickel	60-1	5.12	4.80	5.05	4.99	3.42	ppb
Phosphorus	31-1	581.27	567.24	584.41	577.64	1.58	ppb
Potassium	39-1	557.92	553.38	570.34	560.55	1.57	ppb
Rhodium	103-1				117		%
Scandium	45-1				113		%
Selenium	77-1	0.13	0.17	0.15	0.15	15.26	ppb
Selenium	78-1	-16.14	-13.35	-12.44	-13.98		ppb
Selenium	82-1	0.18	-0.23	-0.28	-0.11		ppb
Silicon	28-1	806.91	804.46	814.02	808.46	0.61	ppb
Silver	107-1	0.01	0.02	0.01	0.02	35.90	ppb
Silver	109-1	0.01	0.01	0.01	0.01	7.74	ppb
Sodium	23-1	10292.62	10245.87	10214.25	10250.91	0.38	ppb
Strontium	86-1	19.14	18.68	19.43	19.08	1.97	ppb
Strontium	88-1	19.61	19.61	20.01	19.74	1.17	ppb
Sulfur	34-1	-1993.05	-2067.66	-1509.78	-1856.83		ppb
Terbium	159-1				122		%
Thallium	203-1	0.04	0.05	0.04	0.04	17.72	ppb
Thallium	205-1	0.07	0.06	0.05	0.06	18.67	ppb
Tin	118-1	0.19	0.23	0.18	0.20	12.05	ppb
Titanium	47-1	0.28	0.32	0.18	0.26	26.96	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	41.79	ppb
Vanadium	51-1	0.09	0.06	0.07	0.07	20.16	ppb
Yttrium	89-1				115		%
Zinc	66-1	44.79	44.47	44.94	44.74	0.54	ppb
Zirconium	90-1	0.09	0.12	0.09	0.10	18.44	ppb
Zirconium	91-1	0.05	0.07	0.06	0.06	11.56	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 14:17:23	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	54822.23	50429.53	50551.23	51934.33	4.82	ppb
Antimony	121-1	530.54	495.62	501.47	509.21	3.67	ppb
Arsenic	75-1	521.87	486.98	475.02	494.62	4.92	ppb
Barium	135-1	2639.57	2514.36	2516.31	2556.75	2.81	ppb
Barium	137-1	2673.11	2523.10	2513.92	2570.04	3.48	ppb
Beryllium	9-1	527.91	488.89	482.93	499.91	4.89	ppb
Bismuth	209-1				109		%
Boron	10-1	520.65	510.75	514.73	515.38	0.97	ppb
Boron	11-1	523.17	508.00	512.05	514.41	1.53	ppb
Cadmium	111-1	503.62	474.03	468.95	482.20	3.88	ppb
Cadmium	106-1	529.23	490.78	487.04	502.35	4.65	ppb
Cadmium	108-1	517.51	487.27	486.46	497.08	3.56	ppb
Calcium	43-1	259962.68	243455.50	239409.22	247609.13	4.40	ppb
Calcium	44-1	259629.03	241462.16	240490.94	247194.04	4.36	ppb
Chromium	52-1	562.64	514.76	519.28	532.23	4.97	ppb
Cobalt	59-1	525.95	494.58	494.42	504.98	3.60	ppb
Copper	63-1	1055.05	985.33	982.89	1007.76	4.07	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				115		%
Indium	115-1				109		%
Iron	56-1	131868.80	124343.69	123789.33	126667.27	3.56	ppb
Iron	57-1	132079.84	122611.74	123826.80	126172.79	4.08	ppb
Krypton	83-1						cps
Lead	206-1	550.63	510.65	512.85	524.71	4.28	ppb
Lead	207-1	535.04	503.32	498.30	512.22	3.89	ppb
Lead	208-1	542.54	513.56	508.57	521.56	3.52	ppb
Lithium	6-1				103		%
Magnesium	24-1	260940.60	243227.13	241444.30	248537.34	4.34	ppb
Manganese	55-1	1079.61	1012.79	999.64	1030.68	4.16	ppb
Molybdenum	94-1	2701.21	2553.95	2536.52	2597.23	3.48	ppb
Molybdenum	95-1	2705.75	2551.89	2512.16	2589.93	3.95	ppb
Molybdenum	96-1	2700.27	2567.90	2507.21	2591.79	3.81	ppb
Molybdenum	97-1	2695.43	2566.53	2510.70	2590.89	3.66	ppb
Molybdenum	98-1	2719.50	2575.09	2499.69	2598.10	4.30	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 14:17:23	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Neodymium	150-1						cps
Nickel	60-1	543.92	509.89	510.53	521.45	3.73	ppb
Phosphorus	31-1	10789.27	10004.24	10070.56	10288.02	4.23	ppb
Potassium	39-1	133576.73	123770.36	125075.95	127474.35	4.18	ppb
Rhodium	103-1				105		%
Scandium	45-1				107		%
Selenium	77-1	529.79	498.76	484.36	504.30	4.60	ppb
Selenium	78-1	541.86	497.22	485.73	508.27	5.83	ppb
Selenium	82-1	531.24	498.54	488.72	506.17	4.40	ppb
Silicon	28-1	574.84	524.88	527.19	542.31	5.20	ppb
Silver	107-1	513.61	500.51	487.42	500.51	2.62	ppb
Silver	109-1	515.83	493.69	489.94	499.82	2.80	ppb
Sodium	23-1	270783.31	253824.19	251321.44	258642.98	4.09	ppb
Strontium	86-1	533.78	504.29	488.60	508.89	4.51	ppb
Strontium	88-1	550.60	516.04	518.38	528.34	3.66	ppb
Sulfur	34-1	13736.03	10893.33	10702.65	11777.34	14.43	ppb
Terbium	159-1				114		%
Thallium	203-1	549.80	515.42	505.15	523.46	4.47	ppb
Thallium	205-1	547.32	516.16	506.08	523.19	4.11	ppb
Tin	118-1	525.73	504.53	499.24	509.83	2.75	ppb
Titanium	47-1	2722.28	2571.21	2533.96	2609.15	3.82	ppb
Uranium	238-1	553.25	523.04	513.76	530.02	3.90	ppb
Vanadium	51-1	537.11	502.59	502.35	514.02	3.89	ppb
Yttrium	89-1				109		%
Zinc	66-1	1067.92	985.49	977.98	1010.47	4.94	ppb
Zirconium	90-1	543.80	508.11	505.42	519.11	4.13	ppb
Zirconium	91-1	543.95	514.88	506.49	521.77	3.77	ppb

LB Number : LB95400 Operator : Jaswal
 Lab Sample ID : CCB82 Instrumnet Name : P8
 Client Sample ID : CCB82 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-16 14:20:53 DataFile Name : 025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	1.24	1.21	1.19	1.22	2.28	ppb
Antimony	121-1	1.29	1.09	0.88	1.09	18.63	ppb
Arsenic	75-1	0.01	0.00	-0.01	0.00	500.24	ppb
Barium	135-1	-0.01	-0.02	-0.03	-0.02		ppb
Barium	137-1	0.01	0.01	0.03	0.02	58.67	ppb
Beryllium	9-1	-0.01	0.03	0.02	0.01	189.20	ppb
Bismuth	209-1				114		%
Boron	10-1	16.81	13.13	11.71	13.88	18.94	ppb
Boron	11-1	16.62	15.14	13.32	15.03	11.00	ppb
Cadmium	111-1	-0.01	-0.01	0.11	0.03	209.50	ppb
Cadmium	106-1	-0.59	-0.43	1.07	0.02	5362.23	ppb
Cadmium	108-1	-0.02	-0.02	0.01	-0.01		ppb
Calcium	43-1	2.70	-1.56	-4.57	-1.14		ppb
Calcium	44-1	-6.44	-3.22	-2.81	-4.16		ppb
Chromium	52-1	-0.05	-0.06	-0.07	-0.06		ppb
Cobalt	59-1	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-1	0.11	0.10	0.14	0.11	17.63	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				114		%
Indium	115-1				113		%
Iron	56-1	-7.55	-3.95	-4.73	-5.41		ppb
Iron	57-1	-9.93	-7.64	-9.24	-8.94		ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.05	0.06	16.38	ppb
Lead	207-1	0.07	0.03	0.03	0.04	44.40	ppb
Lead	208-1	0.06	0.06	0.05	0.06	12.68	ppb
Lithium	6-1				106		%
Magnesium	24-1	3.67	3.18	3.19	3.35	8.39	ppb
Manganese	55-1	0.11	0.18	0.19	0.16	26.42	ppb
Molybdenum	94-1	0.65	0.63	0.55	0.61	8.95	ppb
Molybdenum	95-1	0.92	0.63	0.55	0.70	27.87	ppb
Molybdenum	96-1	0.81	0.59	0.56	0.65	21.51	ppb
Molybdenum	97-1	0.82	0.71	0.57	0.70	17.77	ppb
Molybdenum	98-1	0.82	0.67	0.61	0.70	15.62	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 14:20:53	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Neodymium	150-1						cps
Nickel	60-1	0.02	0.02	0.02	0.02	21.44	ppb
Phosphorus	31-1	-1.69	-1.68	1.20	-0.73		ppb
Potassium	39-1	11.41	9.08	13.22	11.24	18.47	ppb
Rhodium	103-1				111		%
Scandium	45-1				107		%
Selenium	77-1	-0.01	0.23	0.14	0.12	99.36	ppb
Selenium	78-1	1.71	-0.33	-0.14	0.41	273.10	ppb
Selenium	82-1	-0.04	-0.02	0.16	0.03	330.84	ppb
Silicon	28-1	-20.06	-19.92	-18.15	-19.38		ppb
Silver	107-1	0.07	0.07	0.05	0.06	19.73	ppb
Silver	109-1	0.07	0.07	0.07	0.07	3.60	ppb
Sodium	23-1	71.90	66.87	63.31	67.36	6.41	ppb
Strontium	86-1	-0.02	0.02	0.03	0.01	234.58	ppb
Strontium	88-1	0.01	0.01	0.00	0.01	41.18	ppb
Sulfur	34-1	-2500.92	-2526.12	-2374.35	-2467.13		ppb
Terbium	159-1				112		%
Thallium	203-1	0.19	0.20	0.14	0.18	16.45	ppb
Thallium	205-1	0.17	0.15	0.14	0.15	8.90	ppb
Tin	118-1	0.23	0.25	0.22	0.23	5.86	ppb
Titanium	47-1	0.07	0.00	0.03	0.03	110.52	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	49.46	ppb
Vanadium	51-1	0.00	0.01	0.00	0.00	116.25	ppb
Yttrium	89-1				109		%
Zinc	66-1	-0.09	-0.04	-0.07	-0.07		ppb
Zirconium	90-1	0.09	0.09	0.07	0.08	14.63	ppb
Zirconium	91-1	0.11	0.09	0.07	0.09	20.99	ppb

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 12:59:47	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	7135	6702	7319	7052	4.49	cps
Antimony	121-1	358	233	342	311	21.82	cps
Arsenic	75-1	325	383	258	322	19.41	cps
Barium	135-1	58	100	67	75	29.39	cps
Barium	137-1	100	108	75	94	18.37	cps
Beryllium	9-1	100	122	150	124	20.19	cps
Bismuth	209-1	6030822	5857564	6012217	5966868	1.59	cps
Boron	10-1	775	767	650	731	9.57	cps
Boron	11-1	3184	2817	3100	3034	6.34	cps
Cadmium	111-1	1544	1567	1649	1586	3.47	cps
Cadmium	106-1	2200	2217	2334	2250	3.23	cps
Cadmium	108-1	13	8	8	10	24.77	cps
Calcium	43-1	933	825	633	797	19.06	cps
Calcium	44-1	39541	38621	38404	38855	1.55	cps
Chromium	52-1	10296	10137	10354	10263	1.09	cps
Cobalt	59-1	758	708	683	717	5.33	cps
Copper	63-1	3709	3492	3692	3631	3.32	cps
Dysprosium	156-1	0	17	42	19	107.85	cps
Erbium	164-1	42	50	25	39	32.73	cps
Gadolinium	160-1	100	75	92	89	14.33	cps
Holmium	165-1	10349990	9910290	10351603	10203961	2.49	cps
Indium	115-1	9988738	9810466	10013637	9937614	1.12	cps
Iron	56-1	2269828	2318273	2316687	2301596	1.20	cps
Iron	57-1	39282	39148	38922	39117	0.46	cps
Krypton	83-1	407	407	387	400	2.89	cps
Lead	206-1	261	267	239	256	5.75	cps
Lead	207-1	194	289	239	241	19.63	cps
Lead	208-1	978	1156	939	1024	11.28	cps
Lithium	6-1	2112985	2061381	2094175	2089514	1.25	cps
Magnesium	24-1	7552	7035	7677	7422	4.59	cps
Manganese	55-1	11280	11605	11605	11497	1.63	cps
Molybdenum	94-1	600	508	467	525	12.99	cps
Molybdenum	95-1	483	417	417	439	8.77	cps
Molybdenum	96-1	508	575	467	517	10.58	cps
Molybdenum	97-1	300	300	325	308	4.68	cps
Molybdenum	98-1	692	817	550	686	19.45	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 12:59:47	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Neodymium	150-1	7	33	0	13	132.28	cps
Nickel	60-1	300	450	325	358	22.43	cps
Phosphorus	31-1	20332	20307	21208	20616	2.49	cps
Potassium	39-1	4233031	4232496	4226082	4230536	0.09	cps
Rhodium	103-1	9933361	9679236	9969222	9860606	1.60	cps
Scandium	45-1	7277292	7035620	7223590	7178834	1.77	cps
Selenium	77-1	54	53	68	58	14.06	cps
Selenium	78-1	50769	51007	50617	50798	0.39	cps
Selenium	82-1	17	8	17	14	36.21	cps
Silicon	28-1	500827	501202	498151	500060	0.33	cps
Silver	107-1	92	100	133	108	20.35	cps
Silver	109-1	58	83	83	75	19.24	cps
Sodium	23-1	549338	543953	550115	547802	0.61	cps
Strontium	86-1	750	633	683	689	8.50	cps
Strontium	88-1	92	133	150	125	24.04	cps
Sulfur	34-1	444367	444737	442608	443904	0.26	cps
Terbium	159-1	10956129	10630822	10932535	10839829	1.67	cps
Thallium	203-1	300	217	217	244	19.68	cps
Thallium	205-1	450	633	583	556	17.06	cps
Tin	118-1	633	617	633	628	1.53	cps
Titanium	47-1	250	250	233	244	3.94	cps
Uranium	238-1	133	142	125	133	6.25	cps
Vanadium	51-1	583	742	558	628	15.84	cps
Yttrium	89-1	11575538	11154629	11535049	11421739	2.03	cps
Zinc	66-1	942	808	750	833	11.79	cps
Zirconium	90-1	733	525	642	633	16.49	cps
Zirconium	91-1	183	150	225	186	20.19	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:07:40	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	182702	182671	184172	183182	0.47	cps
Antimony	121-1	12907	13316	13833	13352	3.48	cps
Arsenic	75-1	2167	2050	2034	2084	3.49	cps
Barium	135-1	13608	13132	13441	13393	1.80	cps
Barium	137-1	23021	22896	22988	22968	0.28	cps
Beryllium	9-1	1417	1256	1422	1365	6.94	cps
Bismuth	209-1	5920479	6114613	6062345	6032479	1.67	cps
Boron	10-1	3926	4026	4451	4134	6.74	cps
Boron	11-1	18029	18496	19339	18621	3.56	cps
Cadmium	111-1	3158	3237	2802	3066	7.56	cps
Cadmium	106-1	2400	2642	2084	2375	11.79	cps
Cadmium	108-1	133	125	117	125	6.67	cps
Calcium	43-1	10571	10087	9570	10076	4.97	cps
Calcium	44-1	188568	190267	190856	189897	0.63	cps
Chromium	52-1	36933	36123	36766	36607	1.17	cps
Cobalt	59-1	13115	13098	13365	13193	1.13	cps
Copper	63-1	16135	16728	16494	16452	1.81	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Erbium	164-1	125	42	25	64	83.86	cps
Gadolinium	160-1	133	67	92	97	34.64	cps
Holmium	165-1	10319940	10214974	10587864	10374259	1.85	cps
Indium	115-1	10083707	10154145	10174481	10137444	0.47	cps
Iron	56-1	2860836	2828939	2859641	2849805	0.63	cps
Iron	57-1	57469	56223	56600	56764	1.13	cps
Krypton	83-1	507	400	413	440	13.21	cps
Lead	206-1	3328	3417	3534	3426	3.01	cps
Lead	207-1	3056	3351	3434	3280	6.05	cps
Lead	208-1	13731	14381	14504	14205	2.92	cps
Lithium	6-1	2093862	2101180	2105670	2100237	0.28	cps
Magnesium	24-1	3305825	3327082	3342400	3325102	0.55	cps
Manganese	55-1	28272	27796	27687	27918	1.11	cps
Molybdenum	94-1	12907	12548	12506	12654	1.74	cps
Molybdenum	95-1	14917	15560	15084	15187	2.19	cps
Molybdenum	96-1	17395	17821	16327	17181	4.48	cps
Molybdenum	97-1	9454	9904	9554	9637	2.45	cps
Molybdenum	98-1	23713	24398	24548	24220	1.84	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:07:40	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Neodymium	150-1	7	0	7	4	86.60	cps
Nickel	60-1	3417	3392	3409	3406	0.37	cps
Phosphorus	31-1	23779	22685	22978	23148	2.45	cps
Potassium	39-1	9371781	9325571	9319106	9338819	0.31	cps
Rhodium	103-1	10051482	9899267	10072556	10007768	0.94	cps
Scandium	45-1	7154615	7240688	7166698	7187333	0.65	cps
Selenium	77-1	463	494	458	472	4.11	cps
Selenium	78-1	52114	51733	51820	51889	0.38	cps
Selenium	82-1	455	579	468	501	13.60	cps
Silicon	28-1	564387	562708	558285	561793	0.56	cps
Silver	107-1	8169	7878	7361	7803	5.25	cps
Silver	109-1	7519	7511	7811	7614	2.25	cps
Sodium	23-1	5281784	5242666	5286143	5270198	0.45	cps
Strontium	86-1	2667	2475	3025	2723	10.26	cps
Strontium	88-1	17871	17378	18338	17862	2.69	cps
Sulfur	34-1	458568	457122	458919	458203	0.21	cps
Terbium	159-1	10878028	11028964	10978251	10961748	0.70	cps
Thallium	203-1	4209	4259	4359	4276	1.79	cps
Thallium	205-1	9929	10822	10413	10388	4.30	cps
Tin	118-1	23922	23889	24448	24086	1.30	cps
Titanium	47-1	4809	4784	5118	4904	3.79	cps
Uranium	238-1	11214	11873	11556	11548	2.85	cps
Vanadium	51-1	64910	66024	65998	65644	0.97	cps
Yttrium	89-1	11314101	11590959	11488042	11464367	1.22	cps
Zinc	66-1	4851	4618	4418	4629	4.69	cps
Zirconium	90-1	10813	11147	10863	10941	1.64	cps
Zirconium	91-1	2417	2500	2475	2464	1.74	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:11:35	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	9411592	9372769	9368828	9384396	0.25	cps
Antimony	121-1	371731	371297	373872	372300	0.37	cps
Arsenic	75-1	108476	108317	107492	108095	0.49	cps
Barium	135-1	367239	373643	370214	370365	0.87	cps
Barium	137-1	641208	635843	643355	640135	0.60	cps
Beryllium	9-1	66973	68920	68920	68271	1.65	cps
Bismuth	209-1	6134052	6064458	6145999	6114837	0.72	cps
Boron	10-1	8203	8878	8778	8620	4.23	cps
Boron	11-1	38569	39405	40258	39411	2.14	cps
Cadmium	111-1	87192	85302	86256	86250	1.10	cps
Cadmium	106-1	11472	11205	10638	11105	3.84	cps
Cadmium	108-1	5939	6185	6089	6071	2.04	cps
Calcium	43-1	105251	105277	103202	104577	1.14	cps
Calcium	44-1	1748021	1756892	1764459	1756457	0.47	cps
Chromium	52-1	651251	646042	646987	648094	0.43	cps
Cobalt	59-1	689462	673241	678595	680433	1.21	cps
Copper	63-1	749841	740937	740373	743717	0.71	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Erbium	164-1	50	67	25	47	44.41	cps
Gadolinium	160-1	100	42	33	58	62.27	cps
Holmium	165-1	10581566	10601708	10604738	10596004	0.12	cps
Indium	115-1	10201035	10252367	10117017	10190140	0.67	cps
Iron	56-1	32680500	32620623	32617231	32639451	0.11	cps
Iron	57-1	915512	907579	908084	910391	0.49	cps
Krypton	83-1	450	457	410	439	5.75	cps
Lead	206-1	181999	178913	181064	180659	0.88	cps
Lead	207-1	162330	162991	166429	163917	1.34	cps
Lead	208-1	733779	732906	737930	734871	0.37	cps
Lithium	6-1	2099172	2091662	2136008	2108947	1.13	cps
Magnesium	24-1	36168079	36099586	35955551	36074405	0.30	cps
Manganese	55-1	1752981	1727853	1716379	1732404	1.08	cps
Molybdenum	94-1	687658	683656	694091	688468	0.76	cps
Molybdenum	95-1	835784	837268	840327	837793	0.28	cps
Molybdenum	96-1	932340	927407	932831	930859	0.32	cps
Molybdenum	97-1	529229	520361	522056	523882	0.90	cps
Molybdenum	98-1	1339260	1319950	1332689	1330633	0.74	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:11:35	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Neodymium	150-1	27	33	7	22	62.43	cps
Nickel	60-1	155444	153719	154045	154403	0.59	cps
Phosphorus	31-1	538528	534153	539674	537452	0.54	cps
Potassium	39-1	32181716	32073162	31920901	32058593	0.41	cps
Rhodium	103-1	10032621	10059560	9982543	10024908	0.39	cps
Scandium	45-1	7221599	7221667	7286645	7243304	0.52	cps
Selenium	77-1	4464	4534	4498	4499	0.78	cps
Selenium	78-1	65695	65882	65595	65724	0.22	cps
Selenium	82-1	5613	5513	5716	5614	1.81	cps
Silicon	28-1	735417	730828	732670	732972	0.32	cps
Silver	107-1	422291	424935	424805	424010	0.35	cps
Silver	109-1	398947	398786	403357	400363	0.65	cps
Sodium	23-1	52518419	51966093	52026890	52170467	0.58	cps
Strontium	86-1	111964	110151	110571	110895	0.86	cps
Strontium	88-1	955380	951725	953881	953662	0.19	cps
Sulfur	34-1	486835	478343	479621	481600	0.95	cps
Terbium	159-1	11139921	11048314	11223488	11137241	0.79	cps
Thallium	203-1	221666	225432	219932	222344	1.26	cps
Thallium	205-1	534146	533639	534839	534208	0.11	cps
Tin	118-1	257660	255943	257971	257191	0.42	cps
Titanium	47-1	257978	256952	259318	258083	0.46	cps
Uranium	238-1	628187	631036	635783	631669	0.61	cps
Vanadium	51-1	729676	729246	733168	730697	0.29	cps
Yttrium	89-1	11673273	11645203	11595907	11638128	0.34	cps
Zinc	66-1	199776	201862	203322	201653	0.88	cps
Zirconium	90-1	587115	573604	579069	579930	1.17	cps
Zirconium	91-1	127081	127300	129495	127958	1.04	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:15:45	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	23357478	23377371	23220692	23318514	0.37	cps
Antimony	121-1	932841	941808	938317	937655	0.48	cps
Arsenic	75-1	271701	272492	274808	273000	0.59	cps
Barium	135-1	926001	923876	926520	925466	0.15	cps
Barium	137-1	1663355	1637839	1637346	1646180	0.90	cps
Beryllium	9-1	168800	169581	168279	168887	0.39	cps
Bismuth	209-1	5948852	6224863	6208822	6127512	2.53	cps
Boron	10-1	19230	19898	20323	19817	2.78	cps
Boron	11-1	93923	93956	94319	94066	0.23	cps
Cadmium	111-1	215115	214545	215275	214979	0.18	cps
Cadmium	106-1	24824	23780	24031	24212	2.25	cps
Cadmium	108-1	15067	14967	15397	15143	1.48	cps
Calcium	43-1	262609	261572	258363	260848	0.85	cps
Calcium	44-1	4310367	4333582	4291690	4311879	0.49	cps
Chromium	52-1	1608906	1627549	1628795	1621750	0.69	cps
Cobalt	59-1	1704670	1697760	1689729	1697386	0.44	cps
Copper	63-1	1876717	1864862	1855233	1865604	0.58	cps
Dysprosium	156-1	50	25	17	31	56.77	cps
Erbium	164-1	58	42	50	50	16.67	cps
Gadolinium	160-1	75	75	58	69	13.85	cps
Holmium	165-1	10164035	10810254	10652794	10542361	3.20	cps
Indium	115-1	9787295	10285496	10470315	10181036	3.47	cps
Iron	56-1	77331720	78230110	77628831	77730220	0.59	cps
Iron	57-1	2251540	2237539	2194056	2227712	1.35	cps
Krypton	83-1	383	397	443	408	7.73	cps
Lead	206-1	461296	457672	460858	459942	0.43	cps
Lead	207-1	412695	411804	418342	414280	0.86	cps
Lead	208-1	1866104	1857458	1875027	1866196	0.47	cps
Lithium	6-1	1973252	2130653	2103162	2069022	4.06	cps
Magnesium	24-1	90508383	90277898	89530669	90105650	0.57	cps
Manganese	55-1	4248330	4226982	4240242	4238518	0.25	cps
Molybdenum	94-1	1741607	1764016	1759461	1755028	0.67	cps
Molybdenum	95-1	2169567	2181481	2149567	2166872	0.74	cps
Molybdenum	96-1	2361895	2326737	2356657	2348430	0.81	cps
Molybdenum	97-1	1318947	1305229	1314992	1313056	0.54	cps
Molybdenum	98-1	3357812	3346805	3404885	3369834	0.92	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:15:45	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Neodymium	150-1	27	47	53	42	32.87	cps
Nickel	60-1	380948	375928	376958	377945	0.70	cps
Phosphorus	31-1	1321321	1331264	1312768	1321784	0.70	cps
Potassium	39-1	73421581	73763031	74133329	73772647	0.48	cps
Rhodium	103-1	9642531	10032653	10090704	9921963	2.46	cps
Scandium	45-1	6913377	7376510	7310053	7199980	3.48	cps
Selenium	77-1	11086	11063	11187	11112	0.60	cps
Selenium	78-1	86938	87496	87799	87411	0.50	cps
Selenium	82-1	14081	14195	14205	14160	0.49	cps
Silicon	28-1	962988	965946	980833	969922	0.99	cps
Silver	107-1	1063904	1049777	1051326	1055002	0.73	cps
Silver	109-1	1009247	1002909	1000487	1004214	0.45	cps
Sodium	23-1	129090561	128343615	128053915	128496031	0.42	cps
Strontium	86-1	277599	278522	272215	276112	1.23	cps
Strontium	88-1	2418312	2415306	2420727	2418115	0.11	cps
Sulfur	34-1	514023	514680	511909	513537	0.28	cps
Terbium	159-1	10829386	11341837	11207022	11126082	2.39	cps
Thallium	203-1	566045	573104	566991	568713	0.67	cps
Thallium	205-1	1366388	1356668	1368071	1363709	0.45	cps
Tin	118-1	645624	648016	645309	646317	0.23	cps
Titanium	47-1	639604	638695	642687	640329	0.33	cps
Uranium	238-1	1622121	1629922	1620428	1624157	0.31	cps
Vanadium	51-1	1814566	1827696	1843928	1828730	0.80	cps
Yttrium	89-1	11028682	11697590	11496653	11407642	3.01	cps
Zinc	66-1	500721	499170	499951	499947	0.16	cps
Zirconium	90-1	1503710	1481315	1465127	1483384	1.31	cps
Zirconium	91-1	321698	325645	319147	322164	1.02	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:19:31	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	46487723	46883328	47105677	46825576	0.67	cps
Antimony	121-1	1945026	1938888	1932386	1938767	0.33	cps
Arsenic	75-1	547531	546033	548670	547411	0.24	cps
Barium	135-1	1907894	1912479	1937616	1919330	0.83	cps
Barium	137-1	3336623	3409009	3420402	3388678	1.34	cps
Beryllium	9-1	341238	333789	339548	338192	1.15	cps
Bismuth	209-1	6390743	6299957	5372960	6021220	9.35	cps
Boron	10-1	39355	40157	39956	39823	1.05	cps
Boron	11-1	180572	186329	188457	185119	2.20	cps
Cadmium	111-1	429690	428706	437622	432006	1.13	cps
Cadmium	106-1	45762	46406	47953	46707	2.41	cps
Cadmium	108-1	30418	29604	30719	30247	1.91	cps
Calcium	43-1	519793	519832	524182	521269	0.48	cps
Calcium	44-1	8505934	8547578	8658456	8570656	0.92	cps
Chromium	52-1	3262618	3180514	3242432	3228522	1.33	cps
Cobalt	59-1	3369381	3410402	3349553	3376445	0.92	cps
Copper	63-1	3644660	3683810	3732181	3686884	1.19	cps
Dysprosium	156-1	50	33	8	31	68.64	cps
Erbium	164-1	33	92	75	67	45.06	cps
Gadolinium	160-1	83	67	92	81	15.80	cps
Holmium	165-1	11218447	10947798	9384575	10516940	9.41	cps
Indium	115-1	10531364	10590989	8944810	10022388	9.32	cps
Iron	56-1	152967541	154731616	155220416	154306524	0.77	cps
Iron	57-1	4355595	4355632	4359533	4356920	0.05	cps
Krypton	83-1	473	467	473	471	0.82	cps
Lead	206-1	922195	932060	950488	934914	1.54	cps
Lead	207-1	832981	838696	848923	840200	0.96	cps
Lead	208-1	3791791	3842012	3882185	3838663	1.18	cps
Lithium	6-1	2111673	2116708	1807975	2012119	8.79	cps
Magnesium	24-1	177087254	177234775	181450379	178590803	1.39	cps
Manganese	55-1	8463582	8397172	8512454	8457736	0.68	cps
Molybdenum	94-1	3578769	3580597	3596080	3585149	0.27	cps
Molybdenum	95-1	4315435	4333593	4384763	4344597	0.83	cps
Molybdenum	96-1	4751272	4764767	4839893	4785311	1.00	cps
Molybdenum	97-1	2730562	2735706	2813958	2760075	1.69	cps
Molybdenum	98-1	6748061	6763179	6978129	6829790	1.88	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:19:31	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Neodymium	150-1	47	73	20	47	57.15	cps
Nickel	60-1	750855	750253	758225	753111	0.59	cps
Phosphorus	31-1	2591943	2566444	2614259	2590882	0.92	cps
Potassium	39-1	143410395	141643012	143593799	142882402	0.75	cps
Rhodium	103-1	10027874	10321480	8681738	9677031	9.04	cps
Scandium	45-1	7338706	7326769	6206040	6957172	9.35	cps
Selenium	77-1	22244	22384	22552	22393	0.69	cps
Selenium	78-1	123489	124296	125848	124545	0.96	cps
Selenium	82-1	28661	28109	28707	28492	1.17	cps
Silicon	28-1	1386842	1400401	1413346	1400196	0.95	cps
Silver	107-1	2157532	2143840	2155738	2152370	0.35	cps
Silver	109-1	2083402	2053324	2057699	2064808	0.79	cps
Sodium	23-1	255738931	255036672	256520022	255765208	0.29	cps
Strontium	86-1	561609	559802	561680	561030	0.19	cps
Strontium	88-1	4884147	4848049	4878796	4870330	0.40	cps
Sulfur	34-1	579868	577576	575445	577630	0.38	cps
Terbium	159-1	11721566	11650401	9958927	11110298	8.98	cps
Thallium	203-1	1148539	1149972	1175050	1157854	1.29	cps
Thallium	205-1	2840020	2802407	2860279	2834236	1.04	cps
Tin	118-1	1313329	1322325	1333029	1322895	0.75	cps
Titanium	47-1	1302132	1304082	1314208	1306807	0.50	cps
Uranium	238-1	3402065	3388439	3390000	3393502	0.22	cps
Vanadium	51-1	3644997	3644653	3676897	3655516	0.51	cps
Yttrium	89-1	11835723	11903776	10027849	11255783	9.45	cps
Zinc	66-1	991514	986342	994415	990757	0.41	cps
Zirconium	90-1	2979418	3053514	3030739	3021223	1.26	cps
Zirconium	91-1	648128	653637	658782	653516	0.82	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:23:16	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	92766204	92833096	94090185	93229828	0.80	cps
Antimony	121-1	3876403	3934865	3940226	3917164	0.90	cps
Arsenic	75-1	1093155	1095553	1095745	1094818	0.13	cps
Barium	135-1	3848982	3815693	3905394	3856690	1.18	cps
Barium	137-1	6642425	6695669	6726545	6688213	0.64	cps
Beryllium	9-1	671704	667443	660122	666423	0.88	cps
Bismuth	209-1	6315278	6386385	6501594	6401086	1.47	cps
Boron	10-1	76420	78984	81817	79074	3.41	cps
Boron	11-1	361446	371758	377941	370382	2.25	cps
Cadmium	111-1	847269	859319	856770	854452	0.74	cps
Cadmium	106-1	91141	91703	92509	91784	0.75	cps
Cadmium	108-1	61687	60741	61892	61440	1.00	cps
Calcium	43-1	1045053	1053136	1045652	1047947	0.43	cps
Calcium	44-1	16993509	17129961	17102894	17075455	0.42	cps
Chromium	52-1	6399326	6391345	6369542	6386738	0.24	cps
Cobalt	59-1	6664927	6703936	6761820	6710227	0.73	cps
Copper	63-1	7249753	7245152	7250389	7248431	0.04	cps
Dysprosium	156-1	33	17	33	28	34.63	cps
Erbium	164-1	17	75	17	36	93.25	cps
Gadolinium	160-1	92	75	50	72	29.04	cps
Holmium	165-1	11168037	11406165	11405905	11326702	1.21	cps
Indium	115-1	10465070	10609954	10694091	10589705	1.09	cps
Iron	56-1	303574757	306694532	307518857	305929382	0.68	cps
Iron	57-1	8538445	8593420	8690622	8607496	0.90	cps
Krypton	83-1	440	443	467	450	3.23	cps
Lead	206-1	1881457	1901611	1947036	1910035	1.76	cps
Lead	207-1	1729655	1685839	1726978	1714158	1.43	cps
Lead	208-1	7729013	7753577	7905717	7796103	1.23	cps
Lithium	6-1	2100051	2123559	2135303	2119637	0.85	cps
Magnesium	24-1	356782283	354683333	357153200	356206272	0.37	cps
Manganese	55-1	16876783	16918062	16951498	16915448	0.22	cps
Molybdenum	94-1	7001615	7146147	7249107	7132290	1.74	cps
Molybdenum	95-1	8735418	8688143	8786097	8736553	0.56	cps
Molybdenum	96-1	9502004	9569262	9625354	9565540	0.65	cps
Molybdenum	97-1	5445358	5471048	5511064	5475823	0.60	cps
Molybdenum	98-1	13642517	13808324	13854774	13768539	0.81	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:23:16	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Neodymium	150-1	133	160	140	144	9.61	cps
Nickel	60-1	1528302	1515339	1554458	1532700	1.30	cps
Phosphorus	31-1	5110165	5092842	5115580	5106196	0.23	cps
Potassium	39-1	285895815	285215073	286448506	285853131	0.22	cps
Rhodium	103-1	10102912	10372580	10229731	10235075	1.32	cps
Scandium	45-1	7359317	7439242	7440628	7413062	0.63	cps
Selenium	77-1	45030	45037	45071	45046	0.05	cps
Selenium	78-1	195505	196935	197251	196564	0.47	cps
Selenium	82-1	57563	57358	57612	57511	0.23	cps
Silicon	28-1	2309979	2286619	2288959	2295186	0.56	cps
Silver	107-1	4225128	4298453	4361592	4295057	1.59	cps
Silver	109-1	4066107	4143182	4149450	4119580	1.13	cps
Sodium	23-1	511610595	512666661	514113728	512796995	0.25	cps
Strontium	86-1	1121359	1138580	1124082	1128007	0.82	cps
Strontium	88-1	9597383	9731523	9725724	9684876	0.78	cps
Sulfur	34-1	728020	720549	720079	722883	0.62	cps
Terbium	159-1	11852116	12046451	12064466	11987678	0.98	cps
Thallium	203-1	2382813	2377431	2427024	2395756	1.14	cps
Thallium	205-1	5501067	5585789	5648260	5578372	1.32	cps
Tin	118-1	2677249	2681181	2715386	2691272	0.78	cps
Titanium	47-1	2615959	2613731	2585887	2605192	0.64	cps
Uranium	238-1	6714391	6862396	6794287	6790358	1.09	cps
Vanadium	51-1	7289659	7315456	7285839	7296985	0.22	cps
Yttrium	89-1	11919451	12098752	12151841	12056682	1.01	cps
Zinc	66-1	2053453	2057937	2027933	2046441	0.79	cps
Zirconium	90-1	6051569	6067021	5999756	6039449	0.58	cps
Zirconium	91-1	1306352	1320937	1323195	1316828	0.69	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:26:55	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	187114433	190857846	190223888	189398722	1.06	cps
Antimony	121-1	7794815	7887310	8063032	7915052	1.72	cps
Arsenic	75-1	2260628	2260574	2266996	2262732	0.16	cps
Barium	135-1	7809204	7865616	7921040	7865287	0.71	cps
Barium	137-1	13774047	13746440	13928086	13816191	0.71	cps
Beryllium	9-1	1349288	1365297	1358390	1357659	0.59	cps
Bismuth	209-1	6464288	6609408	6712934	6595543	1.89	cps
Boron	10-1	156317	155465	160521	157434	1.72	cps
Boron	11-1	719558	742175	752192	737975	2.27	cps
Cadmium	111-1	1766886	1766456	1795062	1776135	0.92	cps
Cadmium	106-1	181316	179854	182377	181182	0.70	cps
Cadmium	108-1	122518	122206	124061	122928	0.81	cps
Calcium	43-1	2112592	2135188	2159888	2135889	1.11	cps
Calcium	44-1	34475349	35080013	34882451	34812604	0.89	cps
Chromium	52-1	12822190	13237512	13020157	13026619	1.59	cps
Cobalt	59-1	13622525	13574457	13615997	13604326	0.19	cps
Copper	63-1	14523206	14563440	14699542	14595396	0.63	cps
Dysprosium	156-1	42	108	108	86	44.70	cps
Erbium	164-1	58	75	83	72	17.62	cps
Gadolinium	160-1	117	150	92	119	24.50	cps
Holmium	165-1	11647007	11791422	11768802	11735744	0.66	cps
Indium	115-1	10771497	10799899	11021668	10864355	1.26	cps
Iron	56-1	618103597	619959031	626676981	621579869	0.73	cps
Iron	57-1	17494755	17431809	17414398	17446987	0.24	cps
Krypton	83-1	363	487	423	424	14.53	cps
Lead	206-1	3845075	3881140	3947316	3891177	1.33	cps
Lead	207-1	3504807	3531126	3580086	3538673	1.08	cps
Lead	208-1	15720752	15817045	16045515	15861104	1.05	cps
Lithium	6-1	2128048	2140370	2151768	2140062	0.55	cps
Magnesium	24-1	718699299	720039466	720192299	719643688	0.11	cps
Manganese	55-1	33795661	34610884	34514557	34307034	1.30	cps
Molybdenum	94-1	14455071	14527004	14524145	14502073	0.28	cps
Molybdenum	95-1	17488452	17864781	17939698	17764310	1.36	cps
Molybdenum	96-1	19647807	19561695	19797238	19668913	0.61	cps
Molybdenum	97-1	10978649	11201365	11262130	11147381	1.34	cps
Molybdenum	98-1	27965932	28272254	28052931	28097039	0.56	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:26:55	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Neodymium	150-1	240	300	300	280	12.37	cps
Nickel	60-1	3030904	3053017	3080874	3054932	0.82	cps
Phosphorus	31-1	10228083	10407616	10316880	10317526	0.87	cps
Potassium	39-1	570641279	576601063	577801113	575014485	0.67	cps
Rhodium	103-1	10321171	10306813	10372335	10333440	0.33	cps
Scandium	45-1	7608700	7654385	7602493	7621860	0.37	cps
Selenium	77-1	89782	89692	89321	89598	0.27	cps
Selenium	78-1	340307	343573	343477	342452	0.54	cps
Selenium	82-1	115027	115794	115863	115561	0.40	cps
Silicon	28-1	3808510	3845951	3834124	3829528	0.50	cps
Silver	107-1	8460265	8484574	8715586	8553475	1.65	cps
Silver	109-1	8222251	8198895	8441658	8287601	1.62	cps
Sodium	23-1	1029466623	1030640956	1036699323	1032268968	0.38	cps
Strontium	86-1	2336997	2386606	2405913	2376506	1.50	cps
Strontium	88-1	19528535	20038303	20226264	19931034	1.81	cps
Sulfur	34-1	890237	886799	892097	889711	0.30	cps
Terbium	159-1	12188804	12306329	12306229	12267121	0.55	cps
Thallium	203-1	4832030	4884453	4903385	4873289	0.76	cps
Thallium	205-1	11346674	11427982	11394292	11389649	0.36	cps
Tin	118-1	5371164	5504149	5547798	5474370	1.68	cps
Titanium	47-1	5238809	5285249	5303299	5275785	0.63	cps
Uranium	238-1	13793780	14188589	14139866	14040745	1.53	cps
Vanadium	51-1	14816898	14927110	14921273	14888427	0.42	cps
Yttrium	89-1	12199612	12494656	12528044	12407437	1.46	cps
Zinc	66-1	4040412	4103560	4096311	4080094	0.85	cps
Zirconium	90-1	12236449	12460715	12334550	12343905	0.91	cps
Zirconium	91-1	2717217	2749774	2775812	2747601	1.07	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:30:32	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	945030054	975862322	985783589	968891988	2.19	cps
Antimony	121-1	20658	18597	17921	19059	7.48	cps
Arsenic	75-1	1233	1325	1425	1328	7.22	cps
Barium	135-1	2884	2767	2759	2803	2.49	cps
Barium	137-1	5226	5443	4868	5179	5.61	cps
Beryllium	9-1	372	389	367	376	3.08	cps
Bismuth	209-1	6381018	6448907	6531841	6453922	1.17	cps
Boron	10-1	8119	7377	5910	7135	15.76	cps
Boron	11-1	37567	32655	29406	33209	12.37	cps
Cadmium	111-1	2034	2027	1990	2017	1.15	cps
Cadmium	106-1	2434	2417	2467	2439	1.04	cps
Cadmium	108-1	58	46	58	54	13.32	cps
Calcium	43-1	10961011	11127980	11390703	11159898	1.94	cps
Calcium	44-1	178249096	184558967	186006204	182938089	2.25	cps
Chromium	52-1	644333	649095	647427	646952	0.37	cps
Cobalt	59-1	25591	27361	26234	26395	3.39	cps
Copper	63-1	82562	87400	88298	86087	3.58	cps
Dysprosium	156-1	83	58	50	64	27.15	cps
Erbium	164-1	58	67	92	72	24.02	cps
Gadolinium	160-1	108	158	100	122	25.81	cps
Holmium	165-1	11790870	11759250	12195413	11915178	2.04	cps
Indium	115-1	10773578	11015360	11122292	10970410	1.63	cps
Iron	56-1	3064325402	3144661937	3157678871	3122222070	1.62	cps
Iron	57-1	85671019	88166473	89150360	87662617	2.05	cps
Krypton	83-1	493	487	443	474	5.72	cps
Lead	206-1	7714	7714	7553	7660	1.21	cps
Lead	207-1	6908	6696	6591	6732	2.40	cps
Lead	208-1	30665	30843	29859	30456	1.72	cps
Lithium	6-1	2140030	2194780	2249550	2194786	2.49	cps
Magnesium	24-1	3654462348	3761555284	3785046885	3733688172	1.86	cps
Manganese	55-1	188289	189725	193755	190590	1.49	cps
Molybdenum	94-1	19732	19590	18780	19367	2.65	cps
Molybdenum	95-1	32197	32808	31387	32131	2.22	cps
Molybdenum	96-1	35046	35489	35823	35453	1.10	cps
Molybdenum	97-1	20166	19932	19223	19773	2.48	cps
Molybdenum	98-1	50605	47710	46949	48421	3.98	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:30:32	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Neodymium	150-1	100	33	100	78	49.49	cps
Nickel	60-1	95949	96795	97920	96888	1.02	cps
Phosphorus	31-1	29657	30476	30283	30139	1.42	cps
Potassium	39-1	2828520863	2887651198	2934473332	2883548464	1.84	cps
Rhodium	103-1	10148935	10339478	10410237	10299550	1.31	cps
Scandium	45-1	7673669	7773695	7915298	7787554	1.56	cps
Selenium	77-1	136	130	123	130	4.76	cps
Selenium	78-1	55779	55977	56432	56062	0.60	cps
Selenium	82-1	59	48	68	58	17.12	cps
Silicon	28-1	774859	787819	789481	784053	1.02	cps
Silver	107-1	1684	1392	1408	1495	10.96	cps
Silver	109-1	1342	1417	1417	1392	3.11	cps
Sodium	23-1	5058830780	5204681850	5250243584	5171252071	1.93	cps
Strontium	86-1	79499	78803	79104	79136	0.44	cps
Strontium	88-1	675960	681448	679895	679101	0.42	cps
Sulfur	34-1	421864	426433	432664	426987	1.27	cps
Terbium	159-1	12545576	12704606	12720004	12656729	0.76	cps
Thallium	203-1	2700	2717	2175	2531	12.17	cps
Thallium	205-1	6510	6110	5893	6171	5.07	cps
Tin	118-1	10847	11197	10655	10899	2.52	cps
Titanium	47-1	1692	1600	1592	1628	3.41	cps
Uranium	238-1	3042	3042	2917	3001	2.41	cps
Vanadium	51-1	8111	8436	7936	8161	3.11	cps
Yttrium	89-1	12470549	12796714	12983129	12750131	2.03	cps
Zinc	66-1	20666	20566	20516	20583	0.37	cps
Zirconium	90-1	4534	4226	4893	4551	7.33	cps
Zirconium	91-1	1075	983	983	1014	5.22	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:35:17	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	5069088	5059154	5057876	5062040	0.12	cps
Antimony	121-1	1497153	1502956	1480274	1493461	0.79	cps
Arsenic	75-1	442475	441367	440957	441600	0.18	cps
Barium	135-1	152369	151095	150506	151324	0.63	cps
Barium	137-1	262751	262598	261900	262417	0.17	cps
Beryllium	9-1	131204	131075	129983	130754	0.51	cps
Bismuth	209-1	6631429	6678509	6526173	6612037	1.18	cps
Boron	10-1	89495	91207	93135	91279	2.00	cps
Boron	11-1	423157	431922	436749	430609	1.60	cps
Cadmium	111-1	179173	178492	177493	178386	0.47	cps
Cadmium	106-1	30126	30611	29834	30190	1.30	cps
Cadmium	108-1	15976	15576	15793	15782	1.27	cps
Calcium	43-1	47038	46261	47289	46863	1.14	cps
Calcium	44-1	766396	768915	766515	767276	0.19	cps
Chromium	52-1	1246606	1291521	1255390	1264506	1.88	cps
Cobalt	59-1	1400654	1380599	1403718	1394991	0.90	cps
Copper	63-1	753011	764586	755695	757764	0.80	cps
Dysprosium	156-1	8	58	17	28	96.44	cps
Erbium	164-1	33	117	75	75	55.56	cps
Gadolinium	160-1	75	108	92	92	18.18	cps
Holmium	165-1	11498660	11431218	11313556	11414478	0.82	cps
Indium	115-1	11098592	11016439	10985407	11033479	0.53	cps
Iron	56-1	14953224	14843973	14891385	14896194	0.37	cps
Iron	57-1	391617	391801	392136	391851	0.07	cps
Krypton	83-1	470	440	443	451	3.65	cps
Lead	206-1	746140	743315	743264	744239	0.22	cps
Lead	207-1	651406	643291	638671	644456	1.00	cps
Lead	208-1	2984152	2966158	2960862	2970391	0.41	cps
Lithium	6-1	2248472	2237151	2253366	2246330	0.37	cps
Magnesium	24-1	8910459	8952850	9057220	8973509	0.84	cps
Manganese	55-1	1771871	1755837	1792133	1773281	1.03	cps
Molybdenum	94-1	3320730	3321118	3312120	3317989	0.15	cps
Molybdenum	95-1	1855331	1825499	1854962	1845264	0.93	cps
Molybdenum	96-1	2394104	2349020	2344421	2362515	1.16	cps
Molybdenum	97-1	1117742	1112123	1110548	1113471	0.34	cps
Molybdenum	98-1	2913226	2895645	2919709	2909526	0.43	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:35:17	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Neodymium	150-1	13	13	13	13	0.00	cps
Nickel	60-1	305133	311743	309995	308957	1.11	cps
Phosphorus	31-1	25825	25015	26150	25663	2.28	cps
Potassium	39-1	28368185	28389266	28349278	28368910	0.07	cps
Rhodium	103-1	10977747	10917269	10859709	10918241	0.54	cps
Scandium	45-1	7835288	7821913	7845959	7834387	0.15	cps
Selenium	77-1	18218	18158	17977	18118	0.69	cps
Selenium	78-1	110938	112771	110947	111552	0.95	cps
Selenium	82-1	23367	23177	23278	23274	0.41	cps
Silicon	28-1	2228994	2215637	2233814	2226149	0.42	cps
Silver	107-1	860115	850822	851043	853993	0.62	cps
Silver	109-1	805731	800893	812932	806519	0.75	cps
Sodium	23-1	23301239	23013073	23000569	23104960	0.74	cps
Strontium	86-1	1162937	1177190	1172135	1170754	0.62	cps
Strontium	88-1	10118136	10299065	10187662	10201621	0.89	cps
Sulfur	34-1	426945	429885	430533	429121	0.45	cps
Terbium	159-1	12113720	12180465	11920554	12071580	1.12	cps
Thallium	203-1	941125	936302	940283	939237	0.27	cps
Thallium	205-1	2316598	2278771	2316531	2303966	0.95	cps
Tin	118-1	2818719	2790713	2773752	2794395	0.81	cps
Titanium	47-1	539198	542739	540663	540867	0.33	cps
Uranium	238-1	7832013	7745709	7694685	7757469	0.89	cps
Vanadium	51-1	1484622	1488048	1498947	1490539	0.50	cps
Yttrium	89-1	12565599	12588621	12529098	12561106	0.24	cps
Zinc	66-1	416083	408760	409468	411437	0.98	cps
Zirconium	90-1	6281861	6287542	6246198	6271867	0.36	cps
Zirconium	91-1	1400271	1351528	1376833	1376211	1.77	cps

LB Number : LB95400 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-16 13:38:44 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	14633	14700	15008	14781	1.35	cps
Antimony	121-1	5943	4851	4217	5004	17.45	cps
Arsenic	75-1	233	275	317	275	15.15	cps
Barium	135-1	108	67	25	67	62.50	cps
Barium	137-1	133	108	117	119	10.66	cps
Beryllium	9-1	189	161	161	170	9.41	cps
Bismuth	209-1	6490788	6427618	6485709	6468038	0.54	cps
Boron	10-1	3576	3259	3292	3376	5.16	cps
Boron	11-1	15375	15000	13757	14711	5.76	cps
Cadmium	111-1	1952	1723	1776	1817	6.59	cps
Cadmium	106-1	2717	2434	2534	2561	5.61	cps
Cadmium	108-1	13	8	50	24	97.20	cps
Calcium	43-1	725	1025	833	861	17.64	cps
Calcium	44-1	42273	40718	41906	41632	1.95	cps
Chromium	52-1	10496	10221	10738	10485	2.47	cps
Cobalt	59-1	775	558	767	700	17.54	cps
Copper	63-1	5518	5235	5910	5554	6.10	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Erbium	164-1	58	83	25	56	52.68	cps
Gadolinium	160-1	92	83	75	83	10.00	cps
Holmium	165-1	11370432	11182366	11280764	11277854	0.83	cps
Indium	115-1	10943280	10854140	11028727	10942049	0.80	cps
Iron	56-1	2364829	2358258	2383470	2368852	0.55	cps
Iron	57-1	40861	40861	40911	40878	0.07	cps
Krypton	83-1	453	413	437	434	4.62	cps
Lead	206-1	522	489	461	491	6.24	cps
Lead	207-1	489	433	450	457	6.23	cps
Lead	208-1	2178	2039	1933	2050	5.98	cps
Lithium	6-1	2230109	2204651	2244450	2226403	0.91	cps
Magnesium	24-1	33190	30158	29473	30940	6.39	cps
Manganese	55-1	15643	15701	16002	15782	1.22	cps
Molybdenum	94-1	1450	1342	1275	1356	6.52	cps
Molybdenum	95-1	1700	1458	1458	1539	9.07	cps
Molybdenum	96-1	1942	1742	1625	1770	9.05	cps
Molybdenum	97-1	900	1217	808	975	21.98	cps
Molybdenum	98-1	2150	2359	2117	2209	5.93	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:38:44	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Neodymium	150-1	13	0	0	4	173.21	cps
Nickel	60-1	325	333	317	325	2.56	cps
Phosphorus	31-1	24055	24122	23754	23977	0.82	cps
Potassium	39-1	4921759	4892728	4880666	4898384	0.43	cps
Rhodium	103-1	10909297	10797507	10934363	10880389	0.67	cps
Scandium	45-1	7782180	7707229	7703131	7730847	0.58	cps
Selenium	77-1	63	91	46	67	34.60	cps
Selenium	78-1	53519	53467	53784	53590	0.32	cps
Selenium	82-1	12	39	-16	12	232.80	cps
Silicon	28-1	484244	485020	482536	483933	0.26	cps
Silver	107-1	358	292	275	308	14.30	cps
Silver	109-1	342	350	258	317	16.01	cps
Sodium	23-1	1560502	1533505	1523807	1539272	1.24	cps
Strontium	86-1	725	708	658	697	4.98	cps
Strontium	88-1	408	333	175	306	38.99	cps
Sulfur	34-1	435915	429091	432467	432491	0.79	cps
Terbium	159-1	11935150	11998466	11907406	11947007	0.39	cps
Thallium	203-1	758	875	808	814	7.19	cps
Thallium	205-1	2200	2017	1842	2020	8.87	cps
Tin	118-1	2159	2092	2100	2117	1.72	cps
Titanium	47-1	400	208	250	286	35.24	cps
Uranium	238-1	283	283	275	281	1.72	cps
Vanadium	51-1	642	667	608	639	4.58	cps
Yttrium	89-1	12484891	12337294	12427325	12416503	0.60	cps
Zinc	66-1	775	825	775	792	3.65	cps
Zirconium	90-1	1325	1400	1642	1456	11.37	cps
Zirconium	91-1	292	275	250	272	7.70	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:42:15	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	894540353	920105287	918117387	910921009	1.56	cps
Antimony	121-1	10846	11005	11255	11036	1.87	cps
Arsenic	75-1	3867	4351	4726	4315	9.98	cps
Barium	135-1	2109	1892	2300	2100	9.73	cps
Barium	137-1	3867	4309	3826	4001	6.70	cps
Beryllium	9-1	489	389	489	456	12.67	cps
Bismuth	209-1	6258783	6280049	6513698	6350843	2.23	cps
Boron	10-1	2409	2659	2167	2411	10.20	cps
Boron	11-1	11413	11397	10279	11030	5.89	cps
Cadmium	111-1	2207	2123	2349	2226	5.14	cps
Cadmium	106-1	2450	2400	2584	2478	3.82	cps
Cadmium	108-1	1013	1129	983	1042	7.41	cps
Calcium	43-1	2148115	2179759	2214424	2180766	1.52	cps
Calcium	44-1	35031455	35288386	35862157	35393999	1.20	cps
Chromium	52-1	286129	294604	291254	290663	1.47	cps
Cobalt	59-1	17095	17136	17353	17195	0.81	cps
Copper	63-1	71426	71301	72163	71630	0.65	cps
Dysprosium	156-1	0	33	33	22	86.60	cps
Erbium	164-1	67	100	58	75	29.40	cps
Gadolinium	160-1	67	117	158	114	40.30	cps
Holmium	165-1	11287028	11665008	11685229	11545755	1.94	cps
Indium	115-1	10679669	10975395	11032554	10895873	1.74	cps
Iron	56-1	1225297161	1261712195	1260419195	1249142850	1.65	cps
Iron	57-1	34297545	34975707	35364128	34879126	1.55	cps
Krypton	83-1	407	403	463	424	7.94	cps
Lead	206-1	17857	17869	17557	17761	0.99	cps
Lead	207-1	13980	14014	13875	13956	0.52	cps
Lead	208-1	66848	67137	67595	67193	0.56	cps
Lithium	6-1	2191419	2231853	2304184	2242485	2.55	cps
Magnesium	24-1	734000066	747105917	748396950	743167644	1.07	cps
Manganese	55-1	146168	149454	148879	148167	1.18	cps
Molybdenum	94-1	3955678	4038149	4072968	4022265	1.50	cps
Molybdenum	95-1	7005986	7020842	7087138	7037989	0.61	cps
Molybdenum	96-1	7432453	7454455	7463782	7450230	0.22	cps
Molybdenum	97-1	4368272	4435395	4487735	4430467	1.35	cps
Molybdenum	98-1	11042751	11106752	11180472	11109992	0.62	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:42:15	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Neodymium	150-1	33	27	33	31	12.36	cps
Nickel	60-1	20040	20141	19122	19768	2.84	cps
Phosphorus	31-1	52449863	52417171	52483116	52450050	0.06	cps
Potassium	39-1	1145605759	1158197059	1169310726	1157704515	1.02	cps
Rhodium	103-1	10488106	10599716	10719266	10602363	1.09	cps
Scandium	45-1	7857863	7890215	8014618	7920899	1.04	cps
Selenium	77-1	1044	1173	1175	1131	6.62	cps
Selenium	78-1	54594	54850	54901	54782	0.30	cps
Selenium	82-1	24	99	75	66	57.87	cps
Silicon	28-1	645877	651192	649573	648880	0.42	cps
Silver	107-1	1050	1050	742	947	18.79	cps
Silver	109-1	1092	1008	983	1028	5.52	cps
Sodium	23-1	1051097923	1055774224	1060056057	1055642735	0.42	cps
Strontium	86-1	78241	78819	79868	78976	1.04	cps
Strontium	88-1	665259	671131	677480	671290	0.91	cps
Sulfur	34-1	2810183	2838555	2837655	2828798	0.57	cps
Terbium	159-1	12077692	12198345	12348024	12208021	1.11	cps
Thallium	203-1	1167	1417	1659	1414	17.39	cps
Thallium	205-1	2550	3426	3776	3251	19.42	cps
Tin	118-1	1900	1709	1925	1845	6.43	cps
Titanium	47-1	2208347	2194652	2216519	2206506	0.50	cps
Uranium	238-1	400	417	308	375	15.56	cps
Vanadium	51-1	5902	6685	7786	6791	13.94	cps
Yttrium	89-1	12328613	12613088	12770761	12570821	1.78	cps
Zinc	66-1	24982	24857	25341	25060	1.00	cps
Zirconium	90-1	5810	4576	3667	4684	22.96	cps
Zirconium	91-1	1317	1075	792	1061	24.76	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:45:51	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	900903820	906624854	897799687	901776120	0.50	cps
Antimony	121-1	160024	162876	163408	162102	1.12	cps
Arsenic	75-1	47976	49014	49707	48899	1.78	cps
Barium	135-1	33986	33778	33510	33758	0.71	cps
Barium	137-1	57300	59075	59184	58520	1.81	cps
Beryllium	9-1	27321	27237	28807	27788	3.18	cps
Bismuth	209-1	6448558	6678197	6579089	6568615	1.75	cps
Boron	10-1	10488	10938	11338	10921	3.90	cps
Boron	11-1	51719	51518	51786	51674	0.27	cps
Cadmium	111-1	35809	36795	37135	36580	1.88	cps
Cadmium	106-1	6635	7002	6535	6724	3.66	cps
Cadmium	108-1	3630	3680	3634	3648	0.76	cps
Calcium	43-1	2178367	2170507	2145670	2164848	0.79	cps
Calcium	44-1	34970885	35177139	34866355	35004793	0.45	cps
Chromium	52-1	555280	559054	555160	556498	0.40	cps
Cobalt	59-1	291245	292923	289673	291280	0.56	cps
Copper	63-1	219387	221315	220377	220360	0.44	cps
Dysprosium	156-1	50	75	33	53	39.75	cps
Erbium	164-1	58	17	25	33	66.14	cps
Gadolinium	160-1	125	92	83	100	22.05	cps
Holmium	165-1	11836132	11833857	11912440	11860810	0.38	cps
Indium	115-1	11149058	11022241	11278611	11149970	1.15	cps
Iron	56-1	1234816294	1248705295	1252968828	1245496806	0.76	cps
Iron	57-1	34531838	35013647	34791458	34778981	0.69	cps
Krypton	83-1	447	487	423	452	7.08	cps
Lead	206-1	94271	96666	94663	95200	1.35	cps
Lead	207-1	78666	79404	81019	79696	1.51	cps
Lead	208-1	364419	370366	369903	368229	0.90	cps
Lithium	6-1	2251352	2325505	2301689	2292848	1.65	cps
Magnesium	24-1	733363033	735083233	733365416	733937228	0.14	cps
Manganese	55-1	494624	493495	493449	493856	0.13	cps
Molybdenum	94-1	4325654	4363612	4399316	4362861	0.84	cps
Molybdenum	95-1	7184549	7285364	7308400	7259438	0.91	cps
Molybdenum	96-1	7634976	7795384	7791035	7740465	1.18	cps
Molybdenum	97-1	4546606	4568417	4630103	4581709	0.95	cps
Molybdenum	98-1	11307840	11562174	11741520	11537178	1.89	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:45:51	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Neodymium	150-1	80	20	53	51	58.81	cps
Nickel	60-1	81791	82821	81875	82163	0.70	cps
Phosphorus	31-1	51433949	51319115	51584577	51445880	0.26	cps
Potassium	39-1	1150281559	1152739192	1156289226	1153103326	0.26	cps
Rhodium	103-1	10536014	10836516	10691933	10688154	1.41	cps
Scandium	45-1	7862429	7805461	7864750	7844213	0.43	cps
Selenium	77-1	3067	3092	3198	3119	2.23	cps
Selenium	78-1	61131	60647	60821	60866	0.40	cps
Selenium	82-1	2346	2179	2255	2260	3.70	cps
Silicon	28-1	883134	883165	880352	882217	0.18	cps
Silver	107-1	162556	167127	165168	164950	1.39	cps
Silver	109-1	156079	158237	155232	156516	0.99	cps
Sodium	23-1	1050563457	1053151990	1044949657	1049555035	0.40	cps
Strontium	86-1	201600	200459	203022	201694	0.64	cps
Strontium	88-1	1787691	1791120	1839908	1806240	1.62	cps
Sulfur	34-1	2778397	2763506	2789035	2776979	0.46	cps
Terbium	159-1	12524200	12670315	12543527	12579347	0.63	cps
Thallium	203-1	96820	96658	96560	96679	0.14	cps
Thallium	205-1	227429	232712	234167	231436	1.53	cps
Tin	118-1	286477	287902	290749	288376	0.75	cps
Titanium	47-1	2202601	2237642	2254583	2231609	1.19	cps
Uranium	238-1	737903	742779	742145	740942	0.36	cps
Vanadium	51-1	302734	303166	303245	303048	0.09	cps
Yttrium	89-1	12595054	12610629	12682707	12629463	0.37	cps
Zinc	66-1	64216	64870	65430	64839	0.94	cps
Zirconium	90-1	650254	655277	658072	654534	0.61	cps
Zirconium	91-1	143340	145536	146152	145009	1.02	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P8
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:49:24	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	523066812	529111028	527529095	526568978	0.60	cps
Antimony	121-1	4292061	4259275	4344673	4298670	1.00	cps
Arsenic	75-1	1167102	1171892	1167426	1168806	0.23	cps
Barium	135-1	4274183	4326558	4348964	4316568	0.89	cps
Barium	137-1	7431302	7514222	7507749	7484424	0.62	cps
Beryllium	9-1	709145	708804	700973	706307	0.65	cps
Bismuth	209-1	6879475	6973192	6914764	6922477	0.68	cps
Boron	10-1	82790	83753	86518	84354	2.29	cps
Boron	11-1	387047	399302	405290	397213	2.34	cps
Cadmium	111-1	905136	899463	890612	898404	0.81	cps
Cadmium	106-1	95973	95705	95352	95677	0.33	cps
Cadmium	108-1	63323	64926	64935	64395	1.44	cps
Calcium	43-1	5628461	5678702	5633367	5646844	0.49	cps
Calcium	44-1	91097181	92282292	93139702	92173058	1.11	cps
Chromium	52-1	7136286	7261922	7306316	7234841	1.22	cps
Cobalt	59-1	7238715	7281807	7458149	7326223	1.59	cps
Copper	63-1	7708630	7778919	7823295	7770281	0.74	cps
Dysprosium	156-1	58	108	58	75	38.49	cps
Erbium	164-1	83	75	75	78	6.19	cps
Gadolinium	160-1	83	83	92	86	5.58	cps
Holmium	165-1	12441562	12386217	12521441	12449740	0.55	cps
Indium	115-1	11343569	11347626	11487419	11392871	0.72	cps
Iron	56-1	1616054936	1636497703	1646041337	1632864659	0.94	cps
Iron	57-1	45667971	45710321	46206742	45861678	0.65	cps
Krypton	83-1	437	500	493	477	7.30	cps
Lead	206-1	2122880	2129869	2106440	2119730	0.57	cps
Lead	207-1	1910568	1942533	1930707	1927936	0.84	cps
Lead	208-1	8657920	8671606	8676225	8668584	0.11	cps
Lithium	6-1	2302350	2297546	2315146	2305014	0.39	cps
Magnesium	24-1	1856723375	1882290175	1888118242	1875710597	0.89	cps
Manganese	55-1	18341235	18650221	18599848	18530435	0.89	cps
Molybdenum	94-1	7937794	8024425	8015160	7992460	0.60	cps
Molybdenum	95-1	9507727	9685406	9728035	9640389	1.21	cps
Molybdenum	96-1	10701481	10819702	10720024	10747069	0.59	cps
Molybdenum	97-1	6080010	6123308	6110135	6104484	0.36	cps
Molybdenum	98-1	15033572	15294419	15433196	15253729	1.33	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P8
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:49:24	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Neodymium	150-1	167	167	187	173	6.66	cps
Nickel	60-1	1651186	1716135	1682777	1683366	1.93	cps
Phosphorus	31-1	5568599	5603506	5616252	5596119	0.44	cps
Potassium	39-1	1493682733	1528235067	1523521001	1515146267	1.24	cps
Rhodium	103-1	10664504	10768130	10879154	10770596	1.00	cps
Scandium	45-1	7972181	8039072	8127746	8046333	0.97	cps
Selenium	77-1	47439	47569	47659	47556	0.23	cps
Selenium	78-1	206921	208766	209581	208423	0.65	cps
Selenium	82-1	60353	60676	61000	60676	0.53	cps
Silicon	28-1	2497163	2545105	2548237	2530168	1.13	cps
Silver	107-1	4527961	4605975	4568638	4567524	0.85	cps
Silver	109-1	4376852	4441189	4385855	4401299	0.79	cps
Sodium	23-1	2697811660	2734652061	2733495794	2721986505	0.77	cps
Strontium	86-1	1239502	1244558	1250434	1244831	0.44	cps
Strontium	88-1	11081871	11277170	11161497	11173513	0.88	cps
Sulfur	34-1	752884	760776	761015	758225	0.61	cps
Terbium	159-1	12998741	13112536	13039779	13050352	0.44	cps
Thallium	203-1	2650282	2682681	2665883	2666282	0.61	cps
Thallium	205-1	6197165	6223611	6217281	6212686	0.22	cps
Tin	118-1	2937412	2983262	2991105	2970593	0.98	cps
Titanium	47-1	2866030	2883867	2950543	2900146	1.54	cps
Uranium	238-1	7760029	7754789	7759058	7757959	0.04	cps
Vanadium	51-1	7930208	8110365	8222469	8087681	1.82	cps
Yttrium	89-1	12922844	13168100	13248146	13113030	1.29	cps
Zinc	66-1	2177130	2193430	2171394	2180651	0.52	cps
Zirconium	90-1	6641865	6804902	6744626	6730464	1.22	cps
Zirconium	91-1	1499591	1528870	1516747	1515069	0.97	cps

LB Number : LB95400 Operator : Jaswal
 Lab Sample ID : CCB81 Instrumnet Name : P8
 Client Sample ID : CCB81 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-16 13:52:52 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	23170	22585	22051	22602	2.47	cps
Antimony	121-1	10296	9270	7794	9120	13.79	cps
Arsenic	75-1	508	492	417	472	10.34	cps
Barium	135-1	83	75	58	72	17.62	cps
Barium	137-1	208	142	83	144	43.30	cps
Beryllium	9-1	183	122	161	156	19.88	cps
Bismuth	209-1	7170603	7108778	7130367	7136582	0.44	cps
Boron	10-1	3551	3367	3075	3331	7.19	cps
Boron	11-1	16010	15150	13407	14856	8.93	cps
Cadmium	111-1	1896	1784	1757	1812	4.06	cps
Cadmium	106-1	2600	2492	2425	2506	3.53	cps
Cadmium	108-1	17	21	4	14	62.43	cps
Calcium	43-1	817	975	858	883	9.29	cps
Calcium	44-1	42307	42432	41437	42059	1.29	cps
Chromium	52-1	10079	10771	9595	10149	5.82	cps
Cobalt	59-1	583	742	508	611	19.49	cps
Copper	63-1	4659	5068	4376	4701	7.40	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Erbium	164-1	58	33	58	50	28.88	cps
Gadolinium	160-1	83	92	83	86	5.58	cps
Holmium	165-1	12262721	11962457	12211308	12145495	1.32	cps
Indium	115-1	11684187	11389304	11577157	11550216	1.29	cps
Iron	56-1	2457621	2468810	2430867	2452432	0.79	cps
Iron	57-1	38412	37710	38429	38184	1.07	cps
Krypton	83-1	540	500	413	484	13.37	cps
Lead	206-1	739	778	744	754	2.79	cps
Lead	207-1	556	617	672	615	9.49	cps
Lead	208-1	2872	2911	3056	2947	3.28	cps
Lithium	6-1	2285109	2275866	2286154	2282376	0.25	cps
Magnesium	24-1	38203	35178	32956	35446	7.43	cps
Manganese	55-1	15518	15484	14258	15087	4.76	cps
Molybdenum	94-1	2775	2450	2234	2486	10.97	cps
Molybdenum	95-1	3792	3576	2950	3440	12.71	cps
Molybdenum	96-1	4476	3634	2959	3690	20.60	cps
Molybdenum	97-1	2475	2109	1875	2153	14.05	cps
Molybdenum	98-1	5968	5285	4201	5151	17.30	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P8
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:52:52	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Neodymium	150-1	13	7	13	11	34.61	cps
Nickel	60-1	492	467	542	500	7.64	cps
Phosphorus	31-1	23587	23361	23094	23348	1.06	cps
Potassium	39-1	4825495	4769296	4698505	4764432	1.34	cps
Rhodium	103-1	11185777	11235047	11313799	11244874	0.57	cps
Scandium	45-1	7835271	7963704	7833435	7877470	0.95	cps
Selenium	77-1	151	122	136	136	10.43	cps
Selenium	78-1	54967	54874	55606	55149	0.72	cps
Selenium	82-1	-129	-54	11	-57	-122.48	cps
Silicon	28-1	473782	478968	471790	474847	0.78	cps
Silver	107-1	775	683	692	717	7.07	cps
Silver	109-1	608	792	650	683	14.06	cps
Sodium	23-1	1514365	1465012	1411442	1463606	3.52	cps
Strontium	86-1	775	575	742	697	15.37	cps
Strontium	88-1	425	317	200	314	35.85	cps
Sulfur	34-1	423804	428695	425089	425863	0.60	cps
Terbium	159-1	12843608	12694441	12906356	12814802	0.85	cps
Thallium	203-1	1525	1300	1617	1481	11.01	cps
Thallium	205-1	3342	3126	3084	3184	4.36	cps
Tin	118-1	2300	1975	1800	2025	12.53	cps
Titanium	47-1	392	375	342	369	6.89	cps
Uranium	238-1	233	233	242	236	2.04	cps
Vanadium	51-1	950	1008	917	958	4.84	cps
Yttrium	89-1	12914184	12834147	12672751	12807027	0.96	cps
Zinc	66-1	783	867	792	814	5.64	cps
Zirconium	90-1	1842	1909	1850	1867	1.95	cps
Zirconium	91-1	467	400	417	428	8.11	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:56:23	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	206524	202019	204642	204395	1.11	cps
Antimony	121-1	17471	17504	17813	17596	1.07	cps
Arsenic	75-1	2784	2534	2575	2631	5.09	cps
Barium	135-1	14383	15293	14767	14814	3.08	cps
Barium	137-1	26152	26110	26394	26219	0.58	cps
Beryllium	9-1	1472	1445	1411	1443	2.12	cps
Bismuth	209-1	7097155	7013740	6996294	7035729	0.77	cps
Boron	10-1	5084	5768	5501	5451	6.32	cps
Boron	11-1	24589	25023	25181	24931	1.23	cps
Cadmium	111-1	3336	3090	3450	3292	5.59	cps
Cadmium	106-1	2600	2284	2584	2489	7.16	cps
Cadmium	108-1	150	125	167	147	14.25	cps
Calcium	43-1	10963	11205	10421	10863	3.70	cps
Calcium	44-1	203733	202662	203843	203413	0.32	cps
Chromium	52-1	36833	36499	37292	36875	1.08	cps
Cobalt	59-1	13832	13858	13757	13816	0.38	cps
Copper	63-1	18805	18012	19022	18613	2.86	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Erbium	164-1	67	58	83	69	18.33	cps
Gadolinium	160-1	33	58	125	72	65.61	cps
Holmium	165-1	11983082	11879311	11902415	11921603	0.46	cps
Indium	115-1	11406690	11387902	11300671	11365088	0.50	cps
Iron	56-1	3041155	2983336	3032823	3019104	1.04	cps
Iron	57-1	56357	56073	56189	56206	0.25	cps
Krypton	83-1	403	460	460	441	7.42	cps
Lead	206-1	4573	4584	4757	4638	2.22	cps
Lead	207-1	3867	4073	3940	3960	2.63	cps
Lead	208-1	18311	18017	18484	18271	1.29	cps
Lithium	6-1	2290817	2239787	2270183	2266929	1.13	cps
Magnesium	24-1	3585154	3546606	3583842	3571867	0.61	cps
Manganese	55-1	30994	31077	31303	31125	0.51	cps
Molybdenum	94-1	16577	15568	15468	15871	3.87	cps
Molybdenum	95-1	18063	18405	17979	18149	1.24	cps
Molybdenum	96-1	20199	19966	20099	20088	0.58	cps
Molybdenum	97-1	11222	11105	11464	11264	1.62	cps
Molybdenum	98-1	28948	29458	28890	29099	1.07	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:56:23	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Neodymium	150-1	13	7	7	9	43.25	cps
Nickel	60-1	3692	3434	3784	3637	4.99	cps
Phosphorus	31-1	23779	25115	24372	24422	2.74	cps
Potassium	39-1	10049180	9964042	10010539	10007921	0.43	cps
Rhodium	103-1	11200678	11163457	11073923	11146019	0.58	cps
Scandium	45-1	7750431	7820867	7783362	7784887	0.45	cps
Selenium	77-1	510	567	558	545	5.62	cps
Selenium	78-1	55821	55665	56186	55891	0.48	cps
Selenium	82-1	592	491	501	528	10.57	cps
Silicon	28-1	535350	531361	533634	533448	0.38	cps
Silver	107-1	8853	8920	8987	8920	0.75	cps
Silver	109-1	8661	8270	8595	8509	2.46	cps
Sodium	23-1	6110457	6116420	6055227	6094035	0.55	cps
Strontium	86-1	3076	2850	3117	3014	4.76	cps
Strontium	88-1	20066	20099	20441	20202	1.03	cps
Sulfur	34-1	427804	430644	430894	429781	0.40	cps
Terbium	159-1	12694297	12600464	12421716	12572159	1.10	cps
Thallium	203-1	5560	5451	5618	5543	1.53	cps
Thallium	205-1	13708	13558	13191	13486	1.97	cps
Tin	118-1	27404	27479	26953	27279	1.04	cps
Titanium	47-1	5235	5410	5426	5357	1.98	cps
Uranium	238-1	13358	13550	13299	13402	0.98	cps
Vanadium	51-1	70227	70504	69842	70191	0.47	cps
Yttrium	89-1	12586584	12812751	12641761	12680365	0.93	cps
Zinc	66-1	5059	5368	4843	5090	5.19	cps
Zirconium	90-1	15443	14984	14825	15084	2.13	cps
Zirconium	91-1	3717	3351	3309	3459	6.50	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	PB109336BL	Instrumnet Name :	P8
Client Sample ID :	PB109336BL	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:59:53	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	14074	14049	13891	14005	0.71	cps
Antimony	121-1	1600	1659	1617	1625	1.85	cps
Arsenic	75-1	325	317	325	322	1.49	cps
Barium	135-1	25	42	67	44	47.19	cps
Barium	137-1	125	33	67	75	61.87	cps
Beryllium	9-1	83	100	83	89	10.82	cps
Bismuth	209-1	6733034	6917658	6908424	6853039	1.52	cps
Boron	10-1	1734	1742	1675	1717	2.12	cps
Boron	11-1	8044	7919	7686	7883	2.31	cps
Cadmium	111-1	1596	1817	1918	1777	9.27	cps
Cadmium	106-1	2267	2517	2717	2500	9.02	cps
Cadmium	108-1	17	4	13	11	57.27	cps
Calcium	43-1	825	675	692	731	11.25	cps
Calcium	44-1	39198	38872	39984	39351	1.45	cps
Chromium	52-1	10896	10555	11113	10855	2.59	cps
Cobalt	59-1	617	525	575	572	8.02	cps
Copper	63-1	3592	3834	3742	3723	3.28	cps
Dysprosium	156-1	33	8	25	22	57.29	cps
Erbium	164-1	50	42	58	50	16.67	cps
Gadolinium	160-1	83	42	75	67	33.07	cps
Holmium	165-1	11627530	11963222	11841089	11810614	1.44	cps
Indium	115-1	10936546	11338209	11300370	11191708	1.98	cps
Iron	56-1	2401796	2413372	2416594	2410587	0.32	cps
Iron	57-1	38638	38312	38579	38510	0.45	cps
Krypton	83-1	427	537	463	476	11.78	cps
Lead	206-1	544	478	539	520	7.11	cps
Lead	207-1	478	467	494	480	2.91	cps
Lead	208-1	2145	2006	2278	2143	6.35	cps
Lithium	6-1	2154808	2266444	2244931	2222061	2.67	cps
Magnesium	24-1	21091	20799	20007	20632	2.72	cps
Manganese	55-1	13991	13941	13649	13860	1.33	cps
Molybdenum	94-1	933	900	767	867	10.18	cps
Molybdenum	95-1	875	733	958	856	13.30	cps
Molybdenum	96-1	875	833	1075	928	13.93	cps
Molybdenum	97-1	567	392	442	467	19.32	cps
Molybdenum	98-1	1175	1158	1242	1192	3.70	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	PB109336BL	Instrumnet Name :	P8
Client Sample ID :	PB109336BL	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 13:59:53	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Neodymium	150-1	0	20	0	7	173.21	cps
Nickel	60-1	500	392	400	431	14.00	cps
Phosphorus	31-1	22010	22185	22544	22246	1.22	cps
Potassium	39-1	4485982	4438314	4490053	4471450	0.64	cps
Rhodium	103-1	10629326	11042290	11137881	10936499	2.47	cps
Scandium	45-1	7465532	7732202	7812118	7669951	2.37	cps
Selenium	77-1	98	104	84	95	10.63	cps
Selenium	78-1	54344	54700	54778	54608	0.42	cps
Selenium	82-1	34	-118	-25	-36	-210.11	cps
Silicon	28-1	474609	471254	472870	472911	0.35	cps
Silver	107-1	308	275	267	283	7.78	cps
Silver	109-1	292	225	217	244	16.82	cps
Sodium	23-1	957028	953164	942612	950935	0.78	cps
Strontium	86-1	708	750	783	747	5.03	cps
Strontium	88-1	142	133	192	156	20.28	cps
Sulfur	34-1	437531	433451	439167	436716	0.67	cps
Terbium	159-1	12105971	12578509	12558569	12414349	2.15	cps
Thallium	203-1	833	700	767	767	8.70	cps
Thallium	205-1	1742	1892	1659	1764	6.70	cps
Tin	118-1	992	992	750	911	15.32	cps
Titanium	47-1	200	225	225	217	6.66	cps
Uranium	238-1	58	67	58	61	7.87	cps
Vanadium	51-1	750	708	700	719	3.72	cps
Yttrium	89-1	12063727	12787792	12593599	12481706	3.00	cps
Zinc	66-1	558	525	508	531	4.80	cps
Zirconium	90-1	967	1167	1017	1050	9.91	cps
Zirconium	91-1	250	242	283	258	8.54	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	PB109336BS	Instrumnet Name :	P8
Client Sample ID :	PB109336BS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 14:03:25	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	96855371	97794704	98215952	97622009	0.71	cps
Antimony	121-1	4136285	4157545	4141440	4145090	0.27	cps
Arsenic	75-1	1151981	1156474	1149116	1152524	0.32	cps
Barium	135-1	4093998	4137596	4065071	4098888	0.89	cps
Barium	137-1	7137588	7199483	7107317	7148129	0.66	cps
Beryllium	9-1	694260	692292	688613	691722	0.41	cps
Bismuth	209-1	6855688	6795580	6888540	6846603	0.69	cps
Boron	10-1	77761	80384	82738	80294	3.10	cps
Boron	11-1	361330	374886	383745	373321	3.02	cps
Cadmium	111-1	899675	900146	903348	901056	0.22	cps
Cadmium	106-1	97098	96478	95043	96206	1.10	cps
Cadmium	108-1	64135	64416	63667	64073	0.59	cps
Calcium	43-1	1106358	1096271	1105206	1102612	0.50	cps
Calcium	44-1	17936445	17964524	18063134	17988034	0.37	cps
Chromium	52-1	6644360	6798705	6751316	6731460	1.17	cps
Cobalt	59-1	7010407	7092576	7114662	7072548	0.78	cps
Copper	63-1	7652550	7646468	7643401	7647473	0.06	cps
Dysprosium	156-1	8	8	67	28	121.26	cps
Erbium	164-1	17	50	50	39	49.48	cps
Gadolinium	160-1	117	100	83	100	16.66	cps
Holmium	165-1	11983094	12039733	12119894	12047574	0.57	cps
Indium	115-1	11311755	11286378	11411737	11336623	0.58	cps
Iron	56-1	320674066	326406074	322320974	323133704	0.91	cps
Iron	57-1	9045192	9118699	9130137	9098009	0.51	cps
Krypton	83-1	523	467	470	487	6.53	cps
Lead	206-1	2022183	2033635	2049422	2035080	0.67	cps
Lead	207-1	1811691	1859011	1810159	1826954	1.52	cps
Lead	208-1	8283811	8336999	8255816	8292209	0.50	cps
Lithium	6-1	2221514	2274487	2263256	2253086	1.24	cps
Magnesium	24-1	373350533	376252258	379014717	376205836	0.75	cps
Manganese	55-1	17841257	18125958	17858814	17942010	0.89	cps
Molybdenum	94-1	7437467	7507096	7486647	7477070	0.48	cps
Molybdenum	95-1	9123490	9088168	9156452	9122703	0.37	cps
Molybdenum	96-1	10125170	10083503	10232255	10146976	0.76	cps
Molybdenum	97-1	5756189	5782323	5829307	5789273	0.64	cps
Molybdenum	98-1	14406061	14495262	14444660	14448661	0.31	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	PB109336BS	Instrumnet Name :	P8
Client Sample ID :	PB109336BS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 14:03:25	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Neodymium	150-1	187	140	160	162	14.43	cps
Nickel	60-1	1609408	1605972	1631796	1615725	0.87	cps
Phosphorus	31-1	5370269	5338938	5386322	5365176	0.45	cps
Potassium	39-1	297031857	299957715	299067198	298685590	0.50	cps
Rhodium	103-1	10780232	10786012	10772856	10779700	0.06	cps
Scandium	45-1	7790088	7869528	7931530	7863715	0.90	cps
Selenium	77-1	46678	47074	47140	46964	0.53	cps
Selenium	78-1	204491	205435	204737	204887	0.24	cps
Selenium	82-1	60109	60368	60918	60465	0.68	cps
Silicon	28-1	2348488	2303218	2322390	2324698	0.98	cps
Silver	107-1	4572896	4535935	4477728	4528853	1.06	cps
Silver	109-1	4322516	4369373	4346140	4346010	0.54	cps
Sodium	23-1	533640629	537399895	542925579	537988701	0.87	cps
Strontium	86-1	1169799	1178462	1191668	1179977	0.93	cps
Strontium	88-1	10167656	10258472	10231465	10219198	0.46	cps
Sulfur	34-1	752209	760256	756230	756232	0.53	cps
Terbium	159-1	12645921	12786604	12839945	12757490	0.79	cps
Thallium	203-1	2537832	2540297	2540872	2539667	0.06	cps
Thallium	205-1	5966792	5990927	5980637	5979452	0.20	cps
Tin	118-1	2874645	2883393	2858000	2872013	0.45	cps
Titanium	47-1	2741182	2780134	2741225	2754181	0.82	cps
Uranium	238-1	7246400	7205926	7353503	7268610	1.05	cps
Vanadium	51-1	7602969	7747123	7644128	7664740	0.97	cps
Yttrium	89-1	12687484	12713778	12696225	12699162	0.11	cps
Zinc	66-1	2139641	2145530	2167717	2150963	0.69	cps
Zirconium	90-1	6318457	6251732	6292762	6287650	0.54	cps
Zirconium	91-1	1372240	1385105	1397123	1384823	0.90	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	J2931-01	Instrumnet Name :	P8
Client Sample ID :	FHT-01-KI-FL16-1D	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 14:06:51	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	1893463	1881939	1861835	1879079	0.85	cps
Antimony	121-1	8970	8470	7578	8339	8.46	cps
Arsenic	75-1	1100	908	892	967	11.98	cps
Barium	135-1	28298	27246	26803	27449	2.80	cps
Barium	137-1	49443	48072	47562	48359	2.01	cps
Beryllium	9-1	228	267	228	241	9.33	cps
Bismuth	209-1	7415983	7337168	7263095	7338749	1.04	cps
Boron	10-1	5159	5143	4909	5071	2.76	cps
Boron	11-1	24488	24113	21467	23356	7.05	cps
Cadmium	111-1	1981	1890	2110	1994	5.53	cps
Cadmium	106-1	2667	2600	2900	2723	5.79	cps
Cadmium	108-1	33	25	29	29	14.28	cps
Calcium	43-1	140177	138367	133766	137437	2.41	cps
Calcium	44-1	2340032	2294682	2338702	2324472	1.11	cps
Chromium	52-1	18990	18688	19097	18925	1.12	cps
Cobalt	59-1	1967	1900	1850	1906	3.07	cps
Copper	63-1	2248238	2195253	2195381	2212958	1.38	cps
Dysprosium	156-1	83	67	75	75	11.11	cps
Erbium	164-1	75	42	83	67	33.07	cps
Gadolinium	160-1	108	100	183	131	35.15	cps
Holmium	165-1	12807816	12771554	12375167	12651512	1.90	cps
Indium	115-1	12179398	12045950	11839695	12021681	1.42	cps
Iron	56-1	2671846	2665824	2687306	2674992	0.41	cps
Iron	57-1	51346	52678	49857	51294	2.75	cps
Krypton	83-1	443	400	450	431	6.30	cps
Lead	206-1	1861	1878	1917	1885	1.51	cps
Lead	207-1	1411	1561	1578	1517	6.05	cps
Lead	208-1	7179	7040	7057	7092	1.07	cps
Lithium	6-1	2400805	2389722	2339686	2376738	1.37	cps
Magnesium	24-1	10930110	10775104	10794646	10833287	0.78	cps
Manganese	55-1	178533	178194	173745	176824	1.51	cps
Molybdenum	94-1	4076	3267	3076	3473	15.29	cps
Molybdenum	95-1	3292	2917	2734	2981	9.55	cps
Molybdenum	96-1	3734	3376	2500	3203	19.81	cps
Molybdenum	97-1	2250	1884	1433	1856	22.05	cps
Molybdenum	98-1	5351	4426	4543	4773	10.56	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	J2931-01	Instrumnet Name :	P8
Client Sample ID :	FHT-01-KI-FL16-1D	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 14:06:51	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Neodymium	150-1	93	60	7	53	81.97	cps
Nickel	60-1	15718	15835	14925	15493	3.19	cps
Phosphorus	31-1	378819	376107	368178	374368	1.48	cps
Potassium	39-1	12095621	12079462	11898861	12024648	0.91	cps
Rhodium	103-1	11745974	11783770	11562339	11697361	1.01	cps
Scandium	45-1	8502459	8342676	8248008	8364381	1.54	cps
Selenium	77-1	101	119	104	108	8.67	cps
Selenium	78-1	54421	54311	54243	54325	0.17	cps
Selenium	82-1	50	72	27	50	45.53	cps
Silicon	28-1	3573882	3518320	3840178	3644127	4.72	cps
Silver	107-1	1067	1025	783	958	15.96	cps
Silver	109-1	842	725	775	781	7.50	cps
Sodium	23-1	114977078	112252623	113537303	113589001	1.20	cps
Strontium	86-1	53833	53372	51950	53052	1.85	cps
Strontium	88-1	458656	447578	449801	452012	1.30	cps
Sulfur	34-1	466068	463617	465992	465226	0.30	cps
Terbium	159-1	13479829	13432223	13203408	13371820	1.11	cps
Thallium	203-1	1283	1142	1250	1225	6.05	cps
Thallium	205-1	3151	2709	2659	2839	9.53	cps
Tin	118-1	2850	2717	2475	2681	7.09	cps
Titanium	47-1	825	717	883	808	10.46	cps
Uranium	238-1	483	383	292	386	24.83	cps
Vanadium	51-1	1992	1884	1734	1870	6.94	cps
Yttrium	89-1	13650733	13426281	13516182	13531066	0.83	cps
Zinc	66-1	602686	591647	585805	593380	1.44	cps
Zirconium	90-1	5268	4351	4459	4693	10.68	cps
Zirconium	91-1	1242	1167	1000	1136	10.89	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	J2931-03	Instrumnet Name :	P8
Client Sample ID :	FHT-03-HA-BBFL16-1D	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 14:10:22	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	241836	248186	256037	248686	2.86	cps
Antimony	121-1	2900	3151	3126	3059	4.50	cps
Arsenic	75-1	900	825	683	803	13.71	cps
Barium	135-1	28565	29409	27972	28649	2.52	cps
Barium	137-1	49938	49377	48499	49271	1.47	cps
Beryllium	9-1	150	194	150	165	15.57	cps
Bismuth	209-1	7227589	7193681	7262914	7228062	0.48	cps
Boron	10-1	3426	3084	2817	3109	9.81	cps
Boron	11-1	15117	15142	14767	15008	1.40	cps
Cadmium	111-1	1902	1835	1756	1831	4.00	cps
Cadmium	106-1	2684	2567	2459	2570	4.38	cps
Cadmium	108-1	38	29	33	33	12.50	cps
Calcium	43-1	134371	135307	135180	134953	0.38	cps
Calcium	44-1	2308108	2299040	2271544	2292897	0.83	cps
Chromium	52-1	18254	19156	17912	18441	3.48	cps
Cobalt	59-1	975	1000	750	908	15.16	cps
Copper	63-1	7589845	7420049	7329033	7446309	1.78	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Erbium	164-1	83	75	50	69	24.98	cps
Gadolinium	160-1	92	75	125	97	26.19	cps
Holmium	165-1	12544534	12442035	12298498	12428356	0.99	cps
Indium	115-1	11879168	11838325	11756403	11824632	0.53	cps
Iron	56-1	2518846	2540813	2555958	2538539	0.74	cps
Iron	57-1	46103	47123	46546	46591	1.10	cps
Krypton	83-1	383	503	463	450	13.58	cps
Lead	206-1	1511	1500	1411	1474	3.72	cps
Lead	207-1	1183	1378	1339	1300	7.92	cps
Lead	208-1	6051	5895	5945	5964	1.33	cps
Lithium	6-1	2320976	2353681	2333965	2336207	0.70	cps
Magnesium	24-1	10853147	10882720	10720780	10818882	0.80	cps
Manganese	55-1	333561	328639	329339	330513	0.81	cps
Molybdenum	94-1	1575	1609	1492	1559	3.86	cps
Molybdenum	95-1	1258	1250	1150	1220	4.94	cps
Molybdenum	96-1	1458	1333	1217	1336	9.05	cps
Molybdenum	97-1	725	867	800	797	8.89	cps
Molybdenum	98-1	1684	1642	1533	1620	4.78	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	J2931-03	Instrumnet Name :	P8
Client Sample ID :	FHT-03-HA-BBFL16-1D	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 14:10:22	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Neodymium	150-1	60	13	47	40	60.10	cps
Nickel	60-1	7461	7361	6927	7249	3.91	cps
Phosphorus	31-1	207279	207752	207110	207380	0.16	cps
Potassium	39-1	11791403	11714746	11758486	11754878	0.33	cps
Rhodium	103-1	11727572	11480745	11468984	11559100	1.26	cps
Scandium	45-1	8200869	8225637	8090445	8172317	0.88	cps
Selenium	77-1	94	94	91	93	1.53	cps
Selenium	78-1	54000	54047	54323	54123	0.32	cps
Selenium	82-1	75	-24	-28	8	764.04	cps
Silicon	28-1	3663906	3624648	3648290	3645615	0.54	cps
Silver	107-1	425	458	458	447	4.30	cps
Silver	109-1	367	450	375	397	11.55	cps
Sodium	23-1	113000036	112600303	109611165	111737168	1.66	cps
Strontium	86-1	53255	54861	51289	53135	3.37	cps
Strontium	88-1	448205	447995	446250	447483	0.24	cps
Sulfur	34-1	471577	469894	471581	471017	0.21	cps
Terbium	159-1	13086105	12994444	13041449	13040666	0.35	cps
Thallium	203-1	867	650	992	836	20.68	cps
Thallium	205-1	1917	1775	1617	1770	8.48	cps
Tin	118-1	875	817	758	817	7.14	cps
Titanium	47-1	575	567	1101	748	40.96	cps
Uranium	238-1	142	117	83	114	25.69	cps
Vanadium	51-1	1625	1350	1317	1431	11.83	cps
Yttrium	89-1	13214435	13152504	13140100	13169013	0.30	cps
Zinc	66-1	96796	94757	93910	95154	1.56	cps
Zirconium	90-1	3067	2717	2500	2762	10.36	cps
Zirconium	91-1	700	667	525	631	14.74	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	J2931-05	Instrumnet Name :	P8
Client Sample ID :	FHT-05-WB-F1FL16-1D	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 14:13:52	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	2552071	2588973	2940438	2693827	7.96	cps
Antimony	121-1	2350	1684	2067	2034	16.46	cps
Arsenic	75-1	883	975	875	911	6.09	cps
Barium	135-1	23305	23380	23130	23271	0.55	cps
Barium	137-1	41132	40455	39602	40396	1.90	cps
Beryllium	9-1	150	156	133	146	7.90	cps
Bismuth	209-1	7260189	7166761	7133356	7186769	0.91	cps
Boron	10-1	2542	2075	2309	2309	10.11	cps
Boron	11-1	11113	10980	9937	10677	6.03	cps
Cadmium	111-1	1903	1752	1783	1813	4.40	cps
Cadmium	106-1	2650	2434	2534	2539	4.27	cps
Cadmium	108-1	21	38	4	21	79.99	cps
Calcium	43-1	137544	133539	134749	135277	1.52	cps
Calcium	44-1	2269836	2276296	2271852	2272662	0.15	cps
Chromium	52-1	17170	17387	17478	17345	0.91	cps
Cobalt	59-1	3000	3176	2884	3020	4.86	cps
Copper	63-1	978711	971074	962654	970813	0.83	cps
Dysprosium	156-1	67	75	42	61	28.39	cps
Erbium	164-1	58	92	75	75	22.22	cps
Gadolinium	160-1	125	142	75	114	30.46	cps
Holmium	165-1	12568550	12380765	12170608	12373308	1.61	cps
Indium	115-1	11808707	11741061	11718575	11756114	0.40	cps
Iron	56-1	2747127	2841840	2880671	2823213	2.43	cps
Iron	57-1	51958	52075	51179	51737	0.94	cps
Krypton	83-1	433	463	483	460	5.47	cps
Lead	206-1	1089	1328	1289	1235	10.38	cps
Lead	207-1	1072	1250	1145	1156	7.74	cps
Lead	208-1	4845	5101	5128	5025	3.11	cps
Lithium	6-1	2346331	2297584	2310085	2318000	1.09	cps
Magnesium	24-1	11097305	10916531	10685214	10899683	1.90	cps
Manganese	55-1	188578	185276	184794	186216	1.11	cps
Molybdenum	94-1	1108	925	1042	1025	9.05	cps
Molybdenum	95-1	850	683	608	714	17.33	cps
Molybdenum	96-1	1108	892	958	986	11.25	cps
Molybdenum	97-1	375	425	550	450	20.03	cps
Molybdenum	98-1	1400	1092	1208	1233	12.62	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	J2931-05	Instrumnet Name :	P8
Client Sample ID :	FHT-05-WB-F1FL16-1D	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 14:13:52	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Neodymium	150-1	47	40	33	40	16.68	cps
Nickel	60-1	17370	16310	16727	16802	3.18	cps
Phosphorus	31-1	348436	341020	342118	343858	1.16	cps
Potassium	39-1	11565333	11523667	11445627	11511542	0.53	cps
Rhodium	103-1	11601210	11448165	11492698	11514024	0.68	cps
Scandium	45-1	8172036	8181466	7983770	8112424	1.37	cps
Selenium	77-1	80	84	81	82	2.30	cps
Selenium	78-1	54016	54383	54377	54259	0.39	cps
Selenium	82-1	38	-13	-18	3	1219.08	cps
Silicon	28-1	3521624	3516717	3465908	3501416	0.88	cps
Silver	107-1	267	333	233	278	18.33	cps
Silver	109-1	208	208	192	203	4.75	cps
Sodium	23-1	112475815	112097036	109052586	111208479	1.69	cps
Strontium	86-1	49332	47726	49341	48800	1.90	cps
Strontium	88-1	420160	416219	422524	419635	0.76	cps
Sulfur	34-1	465644	464398	466186	465409	0.20	cps
Terbium	159-1	13435462	13057559	13067824	13186949	1.63	cps
Thallium	203-1	525	567	483	525	7.94	cps
Thallium	205-1	1509	1408	1225	1381	10.41	cps
Tin	118-1	1934	2092	1825	1950	6.88	cps
Titanium	47-1	600	642	475	572	15.16	cps
Uranium	238-1	275	217	217	236	14.26	cps
Vanadium	51-1	2084	1625	1825	1845	12.46	cps
Yttrium	89-1	13271218	13149212	13080497	13166976	0.73	cps
Zinc	66-1	99792	99196	97820	98936	1.02	cps
Zirconium	90-1	1934	2359	1934	2075	11.83	cps
Zirconium	91-1	375	408	375	386	4.99	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 14:17:23	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	494560311	495531128	502293595	497461678	0.85	cps
Antimony	121-1	4068772	4065766	4172988	4102509	1.49	cps
Arsenic	75-1	1123281	1126074	1124021	1124459	0.13	cps
Barium	135-1	4015299	4091275	4153427	4086667	1.69	cps
Barium	137-1	7128550	7197226	7274345	7200041	1.01	cps
Beryllium	9-1	685428	683012	681696	683379	0.28	cps
Bismuth	209-1	6212664	6637444	6715492	6521867	4.15	cps
Boron	10-1	78976	83376	84892	82415	3.73	cps
Boron	11-1	371720	388459	395604	385261	3.18	cps
Cadmium	111-1	862615	868610	871696	867640	0.53	cps
Cadmium	106-1	94354	93784	94430	94189	0.38	cps
Cadmium	108-1	61812	62256	63047	62372	1.00	cps
Calcium	43-1	5396592	5504976	5474165	5458578	1.02	cps
Calcium	44-1	88334819	89488075	90127142	89316678	1.02	cps
Chromium	52-1	7018999	6995626	7136084	7050236	1.07	cps
Cobalt	59-1	6858987	7025425	7101970	6995461	1.78	cps
Copper	63-1	7396494	7524418	7589866	7503593	1.31	cps
Dysprosium	156-1	42	83	50	58	37.80	cps
Erbium	164-1	83	58	50	64	27.15	cps
Gadolinium	160-1	108	92	58	86	29.56	cps
Holmium	165-1	11182985	12047123	12112234	11780781	4.40	cps
Indium	115-1	10177223	11048765	11121498	10782495	4.87	cps
Iron	56-1	1535659801	1577391102	1587968702	1567006535	1.76	cps
Iron	57-1	43177172	43661967	44588376	43809171	1.64	cps
Krypton	83-1	403	437	453	431	5.91	cps
Lead	206-1	2028904	2010256	2042671	2027277	0.80	cps
Lead	207-1	1787211	1796231	1799244	1794228	0.35	cps
Lead	208-1	8153436	8245711	8261549	8220232	0.71	cps
Lithium	6-1	2042761	2198000	2220827	2153863	4.50	cps
Magnesium	24-1	1813154507	1840891574	1847877241	1833974441	1.00	cps
Manganese	55-1	17735856	18123743	18089098	17982899	1.19	cps
Molybdenum	94-1	7483291	7600918	7724953	7603054	1.59	cps
Molybdenum	95-1	9177370	9298449	9366994	9280938	1.03	cps
Molybdenum	96-1	10115063	10333781	10324664	10257836	1.21	cps
Molybdenum	97-1	5736980	5868413	5874529	5826640	1.33	cps
Molybdenum	98-1	14573356	14824512	14725852	14707907	0.86	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 14:17:23	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Neodymium	150-1	160	160	140	153	7.53	cps
Nickel	60-1	1597455	1631150	1651516	1626707	1.68	cps
Phosphorus	31-1	5349208	5404370	5501002	5418193	1.42	cps
Potassium	39-1	1437492632	1451164466	1482856800	1457171299	1.60	cps
Rhodium	103-1	9820429	10525412	10596289	10314043	4.16	cps
Scandium	45-1	7249037	7895929	7984417	7709794	5.21	cps
Selenium	77-1	45591	46112	45826	45843	0.57	cps
Selenium	78-1	201839	203600	204861	203433	0.75	cps
Selenium	82-1	58777	59257	59444	59159	0.58	cps
Silicon	28-1	2370712	2405653	2440870	2405745	1.46	cps
Silver	107-1	4276953	4458197	4404094	4379748	2.12	cps
Silver	109-1	4150605	4249174	4277654	4225811	1.58	cps
Sodium	23-1	2610853192	2665769593	2669070593	2648564459	1.23	cps
Strontium	86-1	1200288	1218253	1207876	1208806	0.75	cps
Strontium	88-1	10451366	10522981	10817005	10597117	1.83	cps
Sulfur	34-1	746079	747099	751025	748068	0.35	cps
Terbium	159-1	11801716	12623833	12805676	12410408	4.31	cps
Thallium	203-1	2536165	2540155	2518836	2531719	0.45	cps
Thallium	205-1	5912512	5957131	5909524	5926389	0.45	cps
Tin	118-1	2783262	2857118	2867892	2836090	1.62	cps
Titanium	47-1	2752880	2832158	2822408	2802482	1.54	cps
Uranium	238-1	7334845	7408379	7362479	7368568	0.50	cps
Vanadium	51-1	7650796	7797869	7881602	7776756	1.50	cps
Yttrium	89-1	11761539	12635197	12929628	12442121	4.88	cps
Zinc	66-1	2091256	2102139	2109507	2100967	0.44	cps
Zirconium	90-1	6401410	6425660	6540540	6455870	1.15	cps
Zirconium	91-1	1417287	1441188	1450738	1436404	1.20	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 14:20:53	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	19531	19089	18638	19086	2.34	cps
Antimony	121-1	10630	8962	7327	8973	18.40	cps
Arsenic	75-1	383	350	342	358	6.15	cps
Barium	135-1	75	50	42	56	31.22	cps
Barium	137-1	133	142	183	153	17.53	cps
Beryllium	9-1	111	172	161	148	21.98	cps
Bismuth	209-1	6695248	6842252	6833607	6790369	1.21	cps
Boron	10-1	3484	2892	2692	3023	13.62	cps
Boron	11-1	15784	14675	13440	14633	8.01	cps
Cadmium	111-1	1783	1766	1977	1842	6.35	cps
Cadmium	106-1	2442	2442	2717	2534	6.27	cps
Cadmium	108-1	8	8	13	10	24.77	cps
Calcium	43-1	917	817	742	825	10.64	cps
Calcium	44-1	39440	40309	39975	39908	1.10	cps
Chromium	52-1	10421	10137	9879	10146	2.67	cps
Cobalt	59-1	600	617	642	619	3.38	cps
Copper	63-1	4718	4593	4826	4712	2.48	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Erbium	164-1	42	58	58	53	18.23	cps
Gadolinium	160-1	50	50	108	69	48.50	cps
Holmium	165-1	11571578	11628780	11713503	11637954	0.61	cps
Indium	115-1	11259729	11197400	11160794	11205975	0.45	cps
Iron	56-1	2381355	2408206	2370182	2386581	0.82	cps
Iron	57-1	38605	39115	38103	38607	1.31	cps
Krypton	83-1	443	423	417	428	3.24	cps
Lead	206-1	506	583	511	533	8.14	cps
Lead	207-1	511	400	394	435	15.12	cps
Lead	208-1	2167	2122	1978	2089	4.73	cps
Lithium	6-1	2196089	2198128	2222027	2205414	0.65	cps
Magnesium	24-1	35120	31252	30960	32444	7.16	cps
Manganese	55-1	14291	15392	15309	14998	4.09	cps
Molybdenum	94-1	2475	2425	2192	2364	6.40	cps
Molybdenum	95-1	3776	2767	2467	3003	22.83	cps
Molybdenum	96-1	3784	2917	2792	3164	17.07	cps
Molybdenum	97-1	2175	1959	1634	1922	14.18	cps
Molybdenum	98-1	5385	4576	4226	4729	12.57	cps

LB Number :	LB95400	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2018-05-16 14:20:53	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Neodymium	150-1	13	13	33	20	57.74	cps
Nickel	60-1	433	442	450	442	1.89	cps
Phosphorus	31-1	22619	22460	23679	22919	2.89	cps
Potassium	39-1	4678881	4618249	4609828	4635653	0.81	cps
Rhodium	103-1	11113113	10869075	10846446	10942878	1.35	cps
Scandium	45-1	7716888	7660397	7569503	7648929	0.97	cps
Selenium	77-1	63	85	77	75	14.96	cps
Selenium	78-1	55775	55697	55779	55750	0.08	cps
Selenium	82-1	11	12	34	19	67.20	cps
Silicon	28-1	468339	465419	465874	466544	0.34	cps
Silver	107-1	733	700	533	656	16.34	cps
Silver	109-1	700	658	700	686	3.51	cps
Sodium	23-1	1326826	1265848	1214924	1269199	4.41	cps
Strontium	86-1	708	808	817	778	7.75	cps
Strontium	88-1	367	308	233	303	22.08	cps
Sulfur	34-1	428262	424563	422881	425236	0.65	cps
Terbium	159-1	12276514	12134985	12161149	12190882	0.62	cps
Thallium	203-1	1217	1283	1008	1170	12.27	cps
Thallium	205-1	2567	2367	2325	2420	5.34	cps
Tin	118-1	1950	2042	1909	1967	3.47	cps
Titanium	47-1	342	258	292	297	14.11	cps
Uranium	238-1	175	217	233	208	14.42	cps
Vanadium	51-1	667	750	708	708	5.88	cps
Yttrium	89-1	12424746	12541051	12546852	12504216	0.55	cps
Zinc	66-1	700	808	733	747	7.43	cps
Zirconium	90-1	1759	1834	1550	1714	8.57	cps
Zirconium	91-1	500	458	400	453	11.09	cps