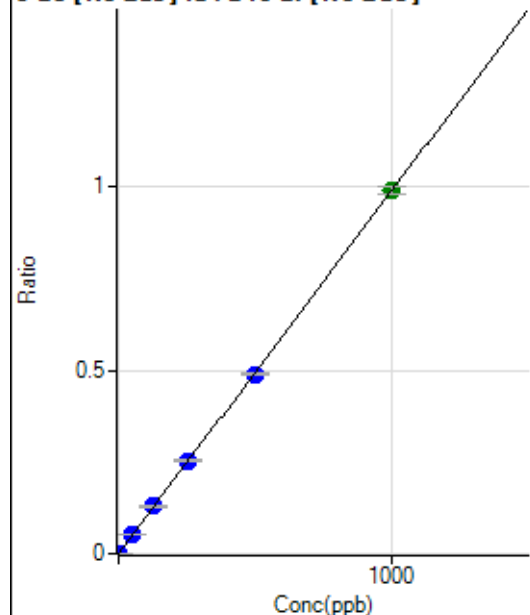


Batch Folder: D:\P8100218 MS.b\
Analysis File: P8100218 MS.batch.bin
DA Date-Time: 2018-10-02 18:49:19
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-10-02 18:18:50
2			
3	005CALS.d	S02	2018-10-02 18:26:18
4	006CALS.d	S03	2018-10-02 18:30:02
5	007CALS.d	S04	2018-10-02 18:33:46
6	008CALS.d	S05	2018-10-02 18:37:21
7	009CALS.d	S06	2018-10-02 18:40:51
8	010CALS.d	S07	2018-10-02 18:44:17
9	011CALS.d	S08	2018-10-02 18:47:39

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	212.97	0.0001	P	14.5
2	☐	0.100					
3	☐	1.000	1.068	1968.71	0.0012	P	4.0
4	☐	50.000	52.711	87144.02	0.0522	P	3.3
5	☐	125.000	129.927	212077.30	0.1285	P	2.0
6	☐	250.000	256.299	414702.08	0.2533	P	0.9
7	☐	500.000	494.858	780070.32	0.4889	P	0.7
8	☐	1000.000	1000.245	1540252.64	0.9882	A	2.0
9	☐			1055.63	0.0007	P	14.3

$$y = 9.8779\text{E-}004 * x + 1.3128\text{E-}004$$

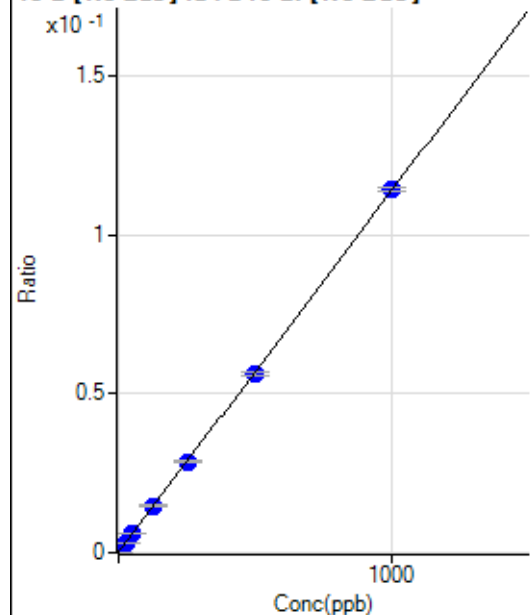
$$R = 1.0000$$

$$DL = 0.05775$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	336.13	0.0002	P	20.0
2	☐	2.500					
3	☐	25.000	24.079	4884.39	0.0029	P	4.4
4	☐	50.000	49.229	9686.94	0.0058	P	1.4
5	☐	125.000	127.218	24198.98	0.0147	P	2.8
6	☐	250.000	249.290	46713.42	0.0285	P	2.6
7	☐	500.000	493.525	89791.23	0.0563	P	1.3
8	☐	1000.000	1003.200	178008.48	0.1142	P	1.0
9	☐			7899.74	0.0052	P	7.4

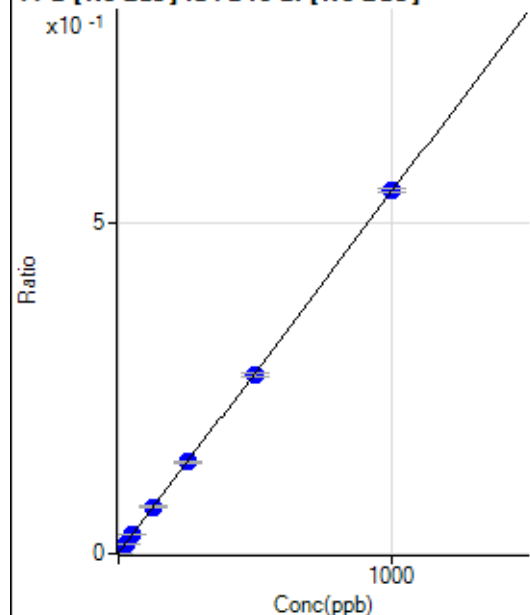
$$y = 1.1362\text{E-}004 * x + 2.0695\text{E-}004$$

$$R = 1.0000$$

$$DL = 1.094$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1672.40	0.0010	P	5.5
2	☐	2.500					
3	☐	25.000	23.387	22843.94	0.0138	P	3.6
4	☐	50.000	50.337	47474.06	0.0284	P	1.7
5	☐	125.000	126.875	115680.28	0.0701	P	4.2
6	☐	250.000	253.277	227428.93	0.1389	P	2.3
7	☐	500.000	491.858	428807.39	0.2688	P	2.1
8	☐	1000.000	1003.041	852803.89	0.5470	P	0.9
9	☐			36923.76	0.0244	P	8.0

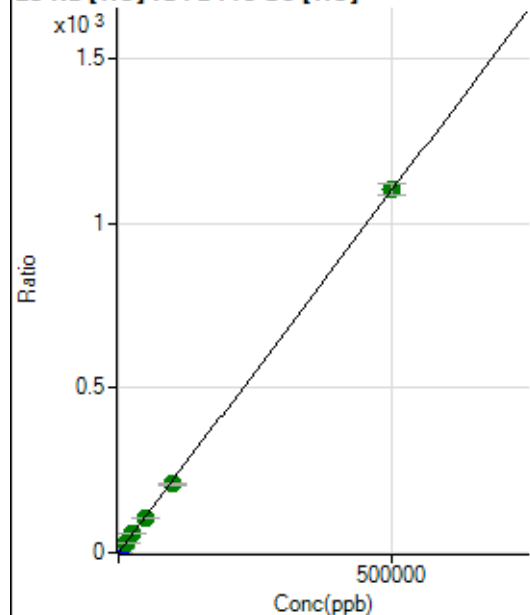
$$y = 5.4436\text{E-}004 * x + 0.0010$$

$$R = 0.9999$$

$$DL = 0.3138$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7544.02	0.1851	P	2.0
2	☐	50.000					
3	☐	500.000	478.513	50707.94	1.2360	P	1.2
4	☐	5000.000	4973.944	451577.02	11.1095	P	2.8
5	☐	12500.000	12696.562	1098882.99	28.0708	A	1.6
6	☐	25000.000	25620.910	2065669.01	56.4569	A	2.1
7	☐	50000.000	48729.315	3813426.47	107.2104	A	0.9
8	☐	100000.00	94257.200	7399349.82	207.2044	A	1.6
9	☐	500000.00	501239.95	38849493.58	1,101.070	A	3.0

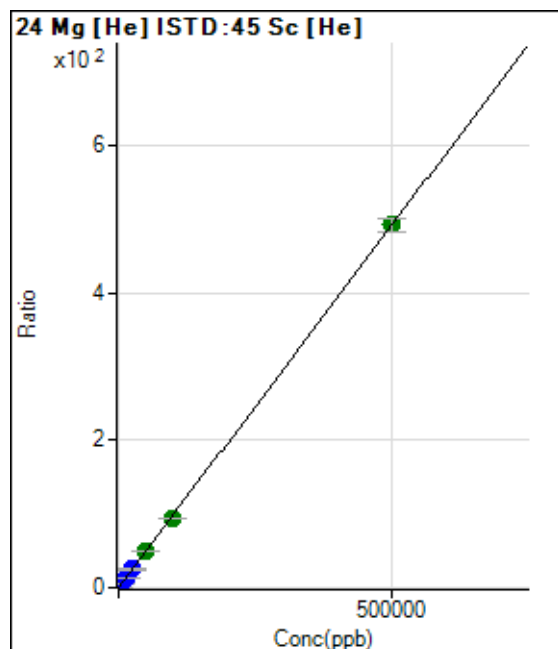
$$y = 0.0022 * x + 0.1851$$

$$R = 0.9999$$

$$DL = 4.936$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	291.68	0.0072	P	5.0
2	☐	50.000					
3	☐	500.000	484.340	19797.92	0.4825	P	1.5
4	☐	5000.000	5013.902	200327.83	4.9282	P	2.6
5	☐	12500.000	12433.997	478024.50	12.2108	P	1.5
6	☐	25000.000	25305.278	908991.29	24.8436	P	2.1
7	☐	50000.000	49820.621	1739602.58	48.9048	A	0.4
8	☐	100000.00	95400.823	3343651.37	93.6406	A	2.3
9	☐	500000.00	500924.03	17345965.14	491.6514	A	3.4

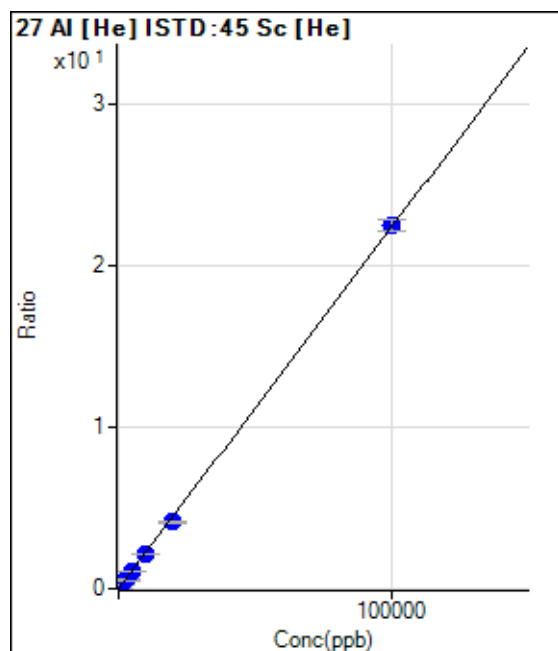
$$y = 9.8147\text{E-}004 * x + 0.0072$$

$$R = 1.0000$$

$$DL = 1.092$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.67	0.0003	P	12.6
2	☐	2.000					
3	☐	20.000	19.596	191.72	0.0047	P	4.3
4	☐	1000.000	957.925	8727.44	0.2146	P	1.4
5	☐	2500.000	2398.253	21020.02	0.5370	P	1.6
6	☐	5000.000	4837.216	39612.35	1.0827	P	3.1
7	☐	10000.000	9416.014	74960.94	2.1073	P	0.3
8	☐	20000.000	18394.930	147011.06	4.1166	P	1.3
9	☐	100000.00	100390.51	792623.64	22.4650	P	3.2

$$y = 2.2377\text{E-}004 * x + 2.8632\text{E-}004$$

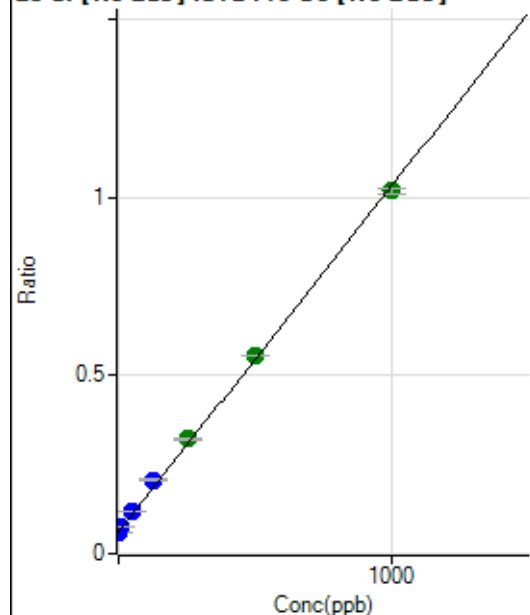
$$R = 0.9999$$

$$DL = 0.4844$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	277388.39	0.0609	P	3.6
2	☐	1.000					
3	☐	10.000	14.546	351889.95	0.0750	P	2.1
4	☐	50.000	60.053	558422.22	0.1192	P	2.4
5	☐	125.000	149.653	953314.24	0.2061	P	2.1
6	☐	250.000	268.724	1451588.80	0.3216	A	0.8
7	☐	500.000	511.021	2441105.37	0.5566	A	0.3
8	☐	1000.000	986.179	4404820.63	1.0176	A	1.8
9	☐			382761.04	0.0883	P	0.2

$$y = 9.7009\text{E-}004 * x + 0.0609$$

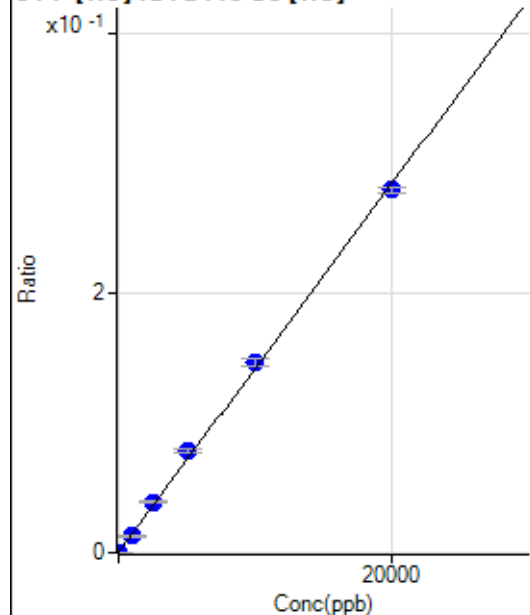
$$R = 0.9996$$

$$DL = 6.859$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.100	8.33	0.0002	P	101.3
2	☐	0.000					
3	☐	0.000	-0.100	8.33	0.0002	P	1.1
4	☐	1000.000	921.099	538.93	0.0133	P	10.8
5	☐	2500.000	2739.077	1527.94	0.0390	P	2.8
6	☐	5000.000	5496.145	2858.76	0.0781	P	3.3
7	☐	10000.000	10343.123	5220.64	0.1468	P	3.8
8	☐	20000.000	19678.463	9967.87	0.2791	P	1.7
9	☐			8.33	0.0002	P	101.7

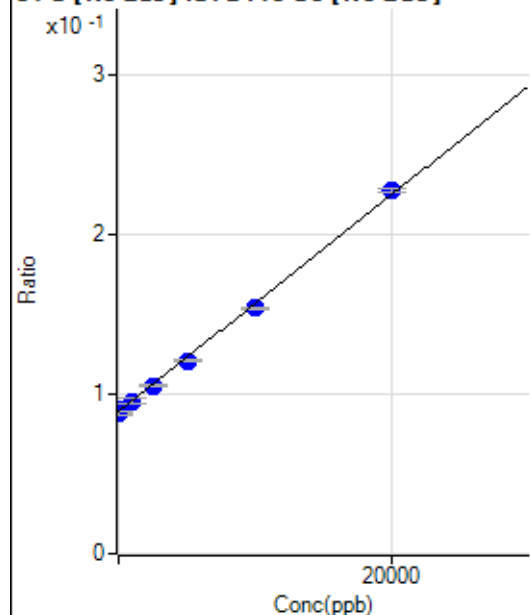
$$y = 1.4173\text{E-}005 * x + 2.0446\text{E-}004$$

$$R = 0.9993$$

$$DL = 22.29$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	136.811	410057.54	0.0900	P	3.7
2	☐	0.000					
3	☐	0.000	-136.811	413596.17	0.0882	P	2.4
4	☐	1000.000	945.239	447513.88	0.0955	P	3.8
5	☐	2500.000	2397.792	487544.77	0.1054	P	2.0
6	☐	5000.000	4692.884	546131.15	0.1210	P	1.0
7	☐	10000.000	9520.366	674489.69	0.1538	P	0.8
8	☐	20000.000	20332.110	983940.49	0.2273	P	1.0
9	☐			344360.32	0.0794	P	0.9

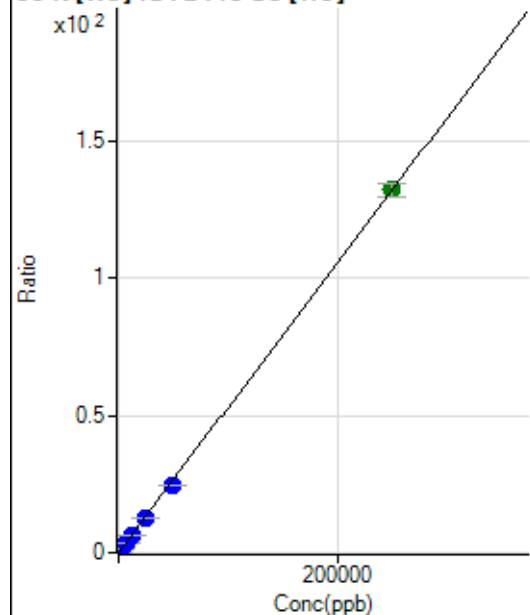
$$y = 6.7972\text{E-}006 * x + 0.0891$$

$$R = 0.9994$$

$$DL = 1200$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3333.89	0.0818	P	1.4
2	☐	50.000					
3	☐	500.000	477.045	13665.50	0.3331	P	1.1
4	☐	2500.000	2509.349	57055.79	1.4035	P	2.4
5	☐	6250.000	6119.718	129398.39	3.3053	P	1.3
6	☐	12500.000	12321.180	240448.65	6.5718	P	2.2
7	☐	25000.000	23883.644	450379.84	12.6622	P	1.3
8	☐	50000.000	46422.905	876149.69	24.5344	P	1.5
9	☐	250000.00	250839.20	4663999.80	132.2079	A	3.9

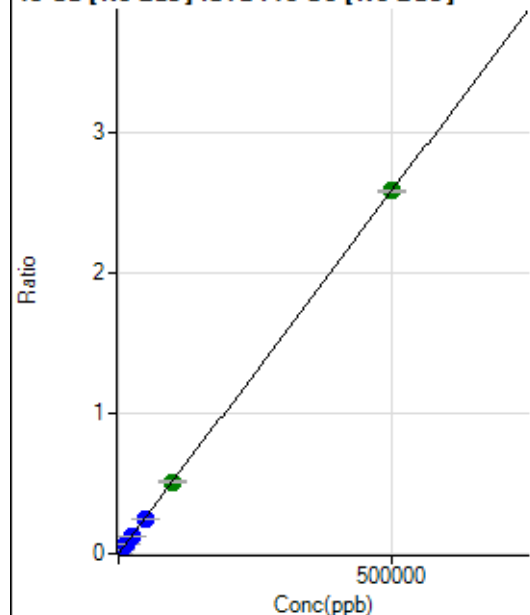
$$y = 5.2674\text{E-}004 * x + 0.0818$$

$$R = 0.9999$$

$$DL = 6.721$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	497.26	0.0001	P	19.4
2	☐	50.000					
3	☐	500.000	453.375	11480.21	0.0024	P	4.4
4	☐	5000.000	4867.605	118155.40	0.0252	P	3.9
5	☐	12500.000	12115.521	289655.97	0.0626	P	1.6
6	☐	25000.000	24469.365	570288.95	0.1263	P	0.3
7	☐	50000.000	48559.959	1099047.37	0.2506	P	0.8
8	☐	100000.00	98870.462	2208369.39	0.5102	A	1.4
9	☐	500000.00	500407.42	11189442.26	2.5816	A	0.6

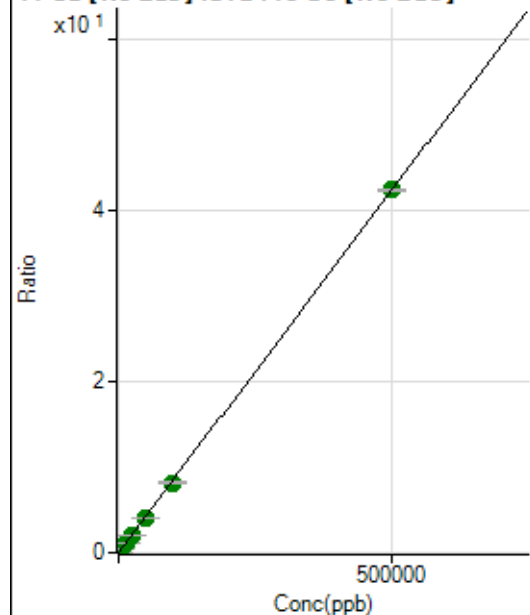
$$y = 5.1587\text{E-}006 * x + 1.0885\text{E-}004$$

$$R = 1.0000$$

$$DL = 12.29$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13398.72	0.0029	P	3.2
2	☐	50.000					
3	☐	500.000	452.955	193383.76	0.0412	P	1.1
4	☐	5000.000	4916.137	1960063.91	0.4183	A	3.7
5	☐	12500.000	12144.288	4760932.83	1.0291	A	1.8
6	☐	25000.000	24408.844	9323094.39	2.0654	A	1.2
7	☐	50000.000	48114.713	17842626.96	4.0685	A	0.1
8	☐	100000.00	96285.292	35231796.97	8.1389	A	1.4
9	☐	500000.00	500970.80	183490534.6	42.3340	A	0.7

$$y = 8.4498\text{E-}005 * x + 0.0029$$

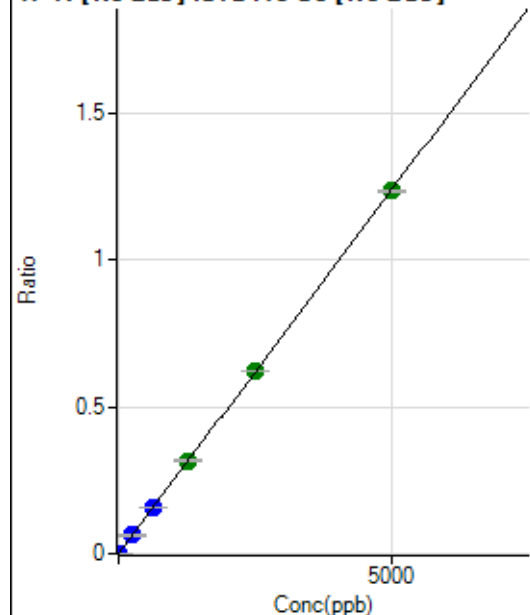
$$R = 1.0000$$

$$DL = 3.37$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	38.1
2	☐	0.500					
3	☐	5.000	5.143	6040.46	0.0013	P	2.4
4	☐	250.000	251.655	291701.68	0.0623	P	3.7
5	☐	625.000	630.867	721897.79	0.1561	P	2.1
6	☐	1250.000	1281.193	1430412.91	0.3169	A	1.3
7	☐	2500.000	2504.797	2716976.52	0.6195	A	0.3
8	☐	5000.000	4988.987	5341863.27	1.2340	A	0.8
9	☐			1502.93	0.0003	P	14.0

$$y = 2.4734\text{E-}004 * x + 1.5239\text{E-}005$$

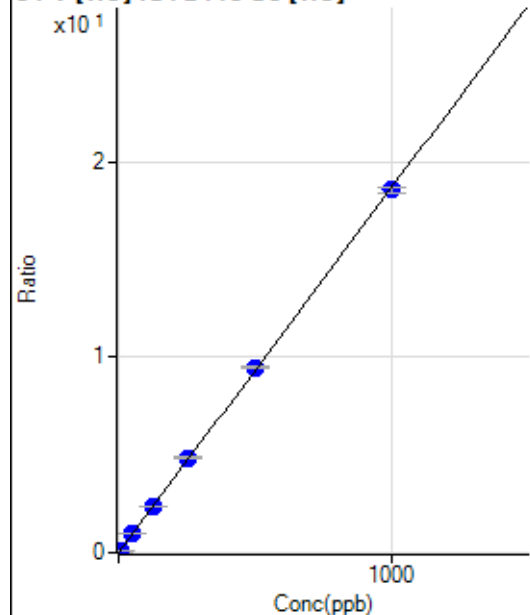
$$R = 1.0000$$

$$DL = 0.07043$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0003	P	14.3
2	☐	0.500					
3	☐	5.000	4.772	3668.32	0.0894	P	4.9
4	☐	50.000	50.989	38719.17	0.9523	P	1.4
5	☐	125.000	127.341	93088.85	2.3779	P	1.6
6	☐	250.000	259.426	177241.09	4.8441	P	2.0
7	☐	500.000	506.437	336353.33	9.4562	P	0.9
8	☐	1000.000	994.084	662818.14	18.5613	P	1.7
9	☐			398.90	0.0113	P	16.5

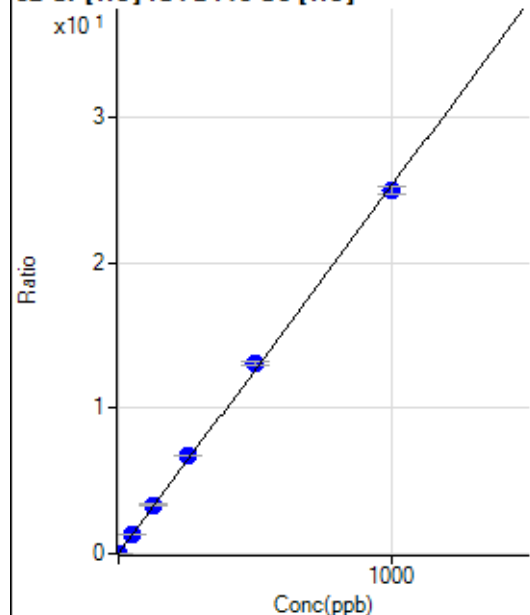
$$y = 0.0187 * x + 2.9935\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.006867$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	464.46	0.0114	P	10.5
2	☐	0.200					
3	☐	2.000	2.007	2548.05	0.0621	P	3.6
4	☐	50.000	52.320	54201.28	1.3332	P	2.0
5	☐	125.000	132.757	131745.18	3.3654	P	1.6
6	☐	250.000	266.227	246521.45	6.7374	P	1.5
7	☐	500.000	516.793	464797.17	13.0677	P	1.4
8	☐	1000.000	986.461	890327.01	24.9334	P	2.1
9	☐			42367.44	1.2009	P	3.4

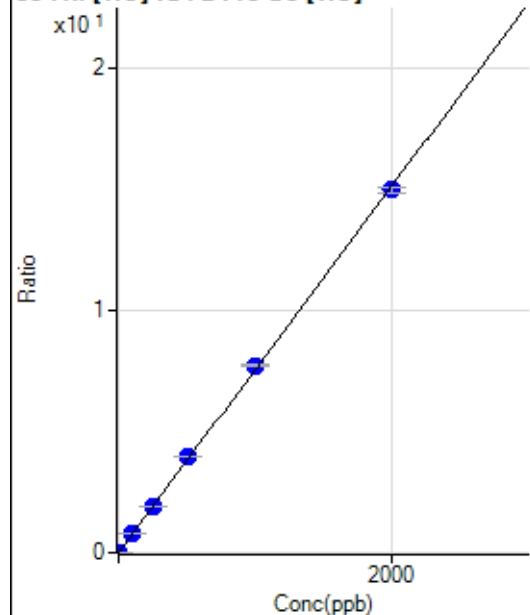
$$y = 0.0253 * x + 0.0114$$

$$R = 0.9996$$

$$DL = 0.1419$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0008	P	56.7
2	☐	0.100					
3	☐	1.000	1.037	354.45	0.0086	P	14.6
4	☐	100.000	101.171	31064.73	0.7642	P	2.4
5	☐	250.000	253.488	74900.45	1.9134	P	2.0
6	☐	500.000	524.259	144764.05	3.9564	P	1.5
7	☐	1000.000	1023.127	274601.72	7.7203	P	1.3
8	☐	2000.000	1981.877	534032.71	14.9541	P	1.4
9	☐			3383.80	0.0958	P	0.7

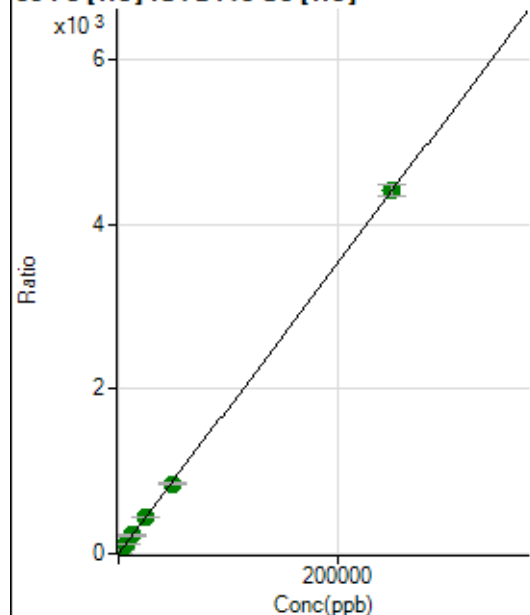
$$y = 0.0075 * x + 8.2028E-004$$

$$R = 0.9998$$

$$DL = 0.1849$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1131.57	0.0278	P	21.8
2	☐	5.000					
3	☐	50.000	48.722	36351.46	0.8861	P	1.6
4	☐	2500.000	2499.271	1790940.64	44.0568	A	2.5
5	☐	6250.000	6189.911	4270244.71	109.0739	A	0.8
6	☐	12500.000	12620.057	8135497.81	222.3521	A	2.1
7	☐	25000.000	24875.343	15588707.06	438.2504	A	0.7
8	☐	50000.000	48106.860	30264057.62	847.5142	A	1.8
9	☐	250000.00	250386.60	155638862.7	4,411.025	A	3.0

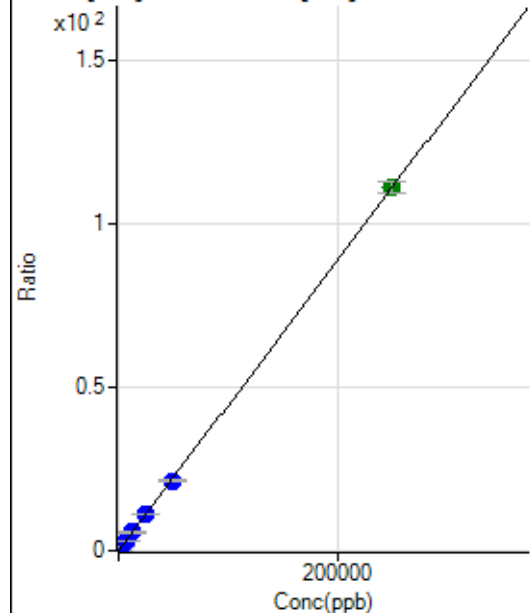
$$y = 0.0176 * x + 0.0278$$

$$R = 1.0000$$

$$DL = 1.032$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	24.07	0.0006	P	11.7
2	☐	5.000					
3	☐	50.000	49.003	916.72	0.0223	P	12.5
4	☐	2500.000	2464.659	44499.18	1.0949	P	3.8
5	☐	6250.000	6167.968	107246.71	2.7392	P	0.2
6	☐	12500.000	12682.757	206054.14	5.6318	P	2.3
7	☐	25000.000	24823.572	392055.89	11.0223	P	1.1
8	☐	50000.000	48264.380	765298.07	21.4301	P	1.4
9	☐	250000.00	250358.03	3922001.54	111.1602	A	3.2

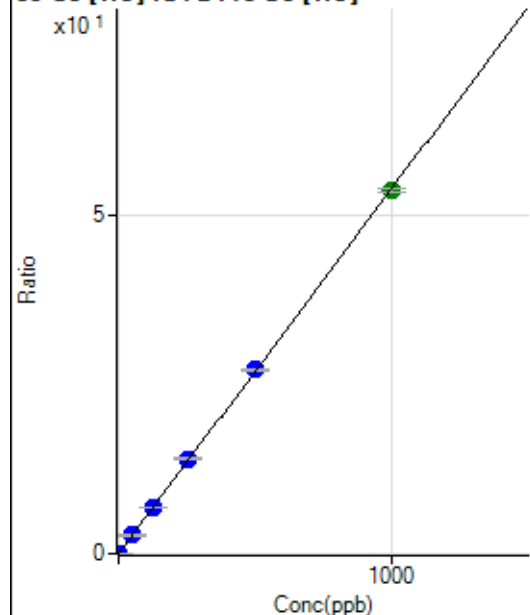
$$y = 4.4400E-004 * x + 5.8992E-004$$

$$R = 1.0000$$

$$DL = 0.4664$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	77.78	0.0019	P	27.3
2	☐	0.100					
3	☐	1.000	1.003	2300.23	0.0561	P	1.5
4	☐	50.000	50.216	110276.47	2.7127	P	2.3
5	☐	125.000	126.436	267267.82	6.8272	P	1.5
6	☐	250.000	259.413	512447.16	14.0056	P	2.0
7	☐	500.000	505.375	970434.40	27.2831	P	1.1
8	☐	1000.000	994.769	1917813.22	53.7017	A	1.2
9	☐			24636.38	0.6982	P	2.5

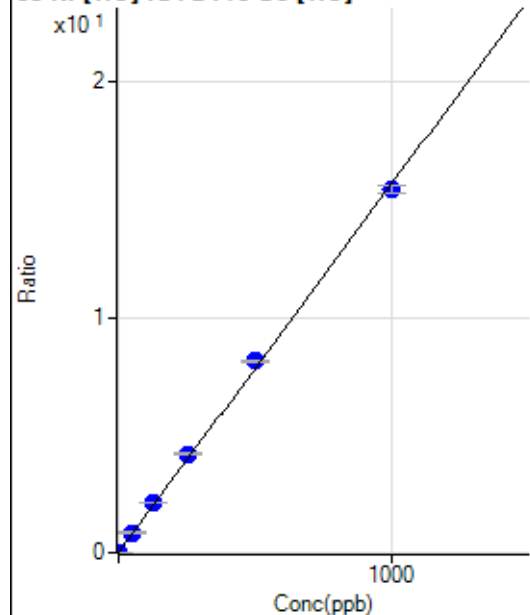
$$y = 0.0540 * x + 0.0019$$

$$R = 0.9999$$

$$DL = 0.02886$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	338.90	0.0083	P	18.6
2	☐	0.100					
3	☐	1.000	1.015	993.38	0.0242	P	7.5
4	☐	50.000	53.671	34467.26	0.8478	P	2.5
5	☐	125.000	133.894	82316.82	2.1026	P	0.8
6	☐	250.000	267.925	153645.40	4.1990	P	1.1
7	☐	500.000	520.034	289606.04	8.1422	P	1.3
8	☐	1000.000	984.207	549978.85	15.4023	P	2.2
9	☐			21213.04	0.6012	P	2.9

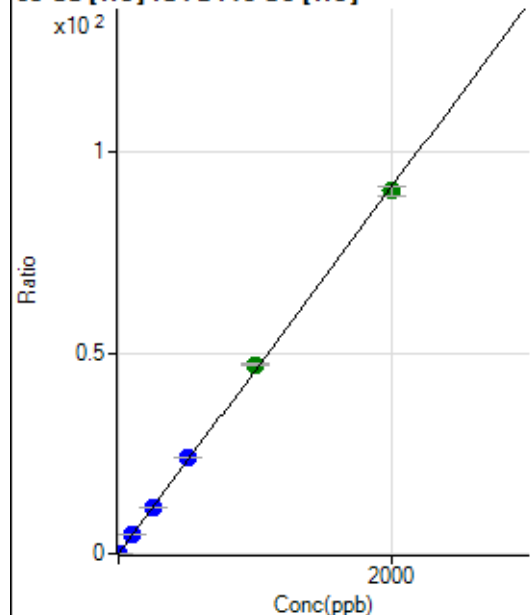
$$y = 0.0156 * x + 0.0083$$

$$R = 0.9995$$

$$DL = 0.2967$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	305.56	0.0075	P	7.3
2	☐	0.200					
3	☐	2.000	1.989	4031.77	0.0983	P	2.8
4	☐	100.000	101.738	189026.83	4.6506	P	3.3
5	☐	250.000	254.273	454595.58	11.6120	P	1.2
6	☐	500.000	524.631	876357.05	23.9505	P	1.5
7	☐	1000.000	1028.986	1670648.62	46.9682	A	0.8
8	☐	2000.000	1978.728	3224713.25	90.3124	A	2.5
9	☐			7556.62	0.2140	P	0.8

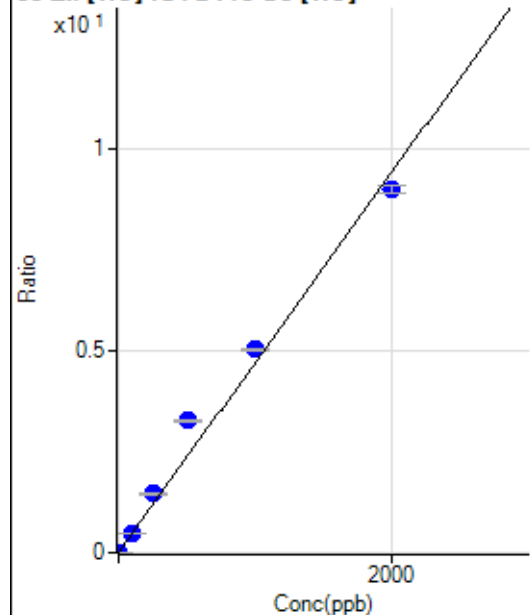
$$y = 0.0456 * x + 0.0075$$

$$R = 0.9998$$

$$DL = 0.03572$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	103.34	0.0025	P	30.2
2	☐	0.200					
3	☐	2.000	2.085	506.68	0.0124	P	9.7
4	☐	100.000	101.211	19458.30	0.4787	P	2.7
5	☐	250.000	309.825	57160.65	1.4601	P	1.6
6	☐	500.000	693.884	119530.54	3.2669	P	2.2
7	☐	1000.000	1068.681	178919.33	5.0302	P	1.1
8	☐	2000.000	1909.649	320895.59	8.9865	P	2.0
9	☐			22964.82	0.6509	P	2.9

$$y = 0.0047 * x + 0.0025$$

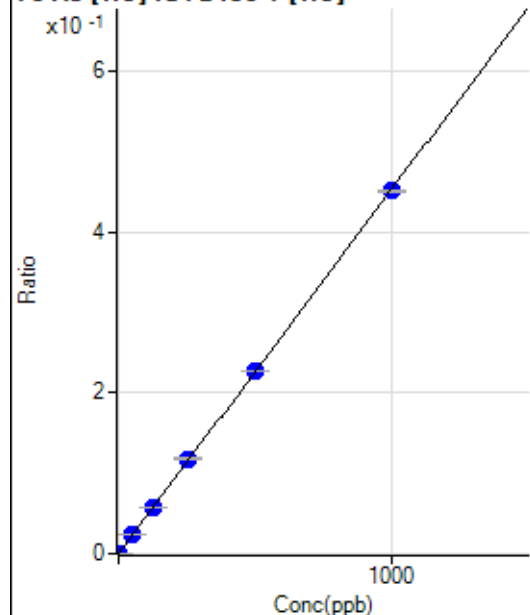
$$R = 0.9931$$

$$DL = 0.4897$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.70	0.0000	P	49.8
2	☐	0.100					
3	☐	1.000	0.887	114.20	0.0004	P	22.6
4	☐	50.000	51.318	6347.19	0.0232	P	2.8
5	☐	125.000	127.702	15330.20	0.0578	P	0.8
6	☐	250.000	260.152	29637.99	0.1178	P	1.7
7	☐	500.000	501.839	56287.50	0.2272	P	0.3
8	☐	1000.000	996.139	111285.68	0.4510	P	0.5
9	☐			190.74	0.0008	P	5.6

$$y = 4.5269\text{E-}004 * x + 1.3491\text{E-}005$$

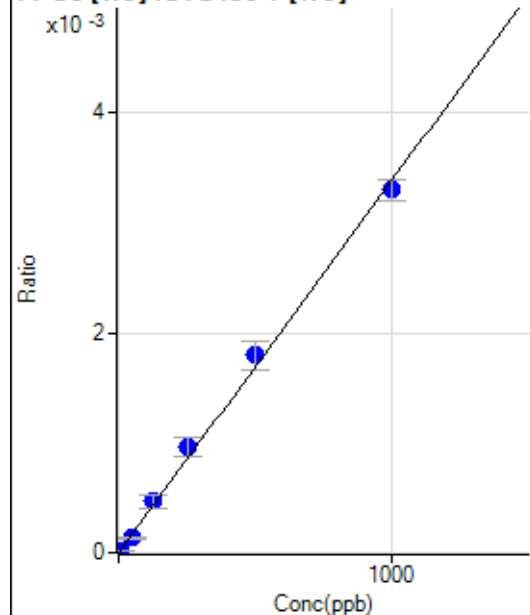
$$R = 0.9999$$

$$DL = 0.04453$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	5.980	5.56	0.0000	P	34.9
4	☐	50.000	39.657	36.67	0.0001	P	17.7
5	☐	125.000	138.654	124.45	0.0005	P	25.6
6	☐	250.000	283.289	241.12	0.0010	P	18.4
7	☐	500.000	530.058	444.46	0.0018	P	15.1
8	☐	1000.000	975.455	814.48	0.0033	P	6.0
9	☐			0.00	0.0000	P	

$$y = 3.3843\text{E-}006 * x + 0.0000\text{E+}000$$

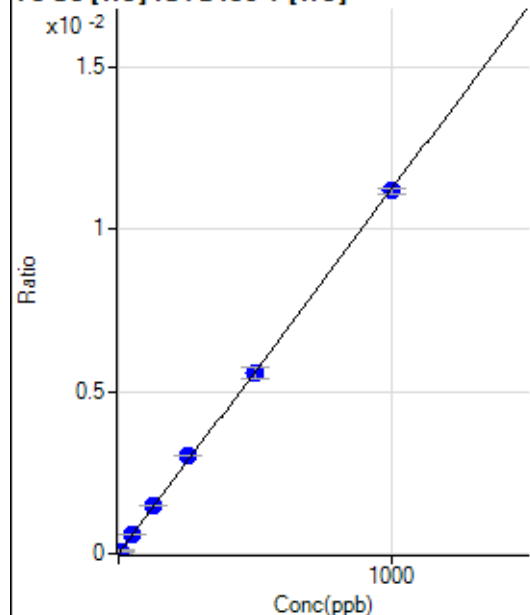
$$R = 0.9984$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.62	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	6.991	22.22	0.0001	P	33.0
4	☐	50.000	52.703	162.35	0.0006	P	7.6
5	☐	125.000	131.121	391.37	0.0015	P	1.2
6	☐	250.000	269.715	763.61	0.0030	P	0.9
7	☐	500.000	497.198	1385.27	0.0056	P	6.4
8	☐	1000.000	995.562	2762.03	0.0112	P	1.9
9	☐			3.09	0.0000	P	70.6

$$y = 1.1241\text{E-}005 * x + 2.2720\text{E-}006$$

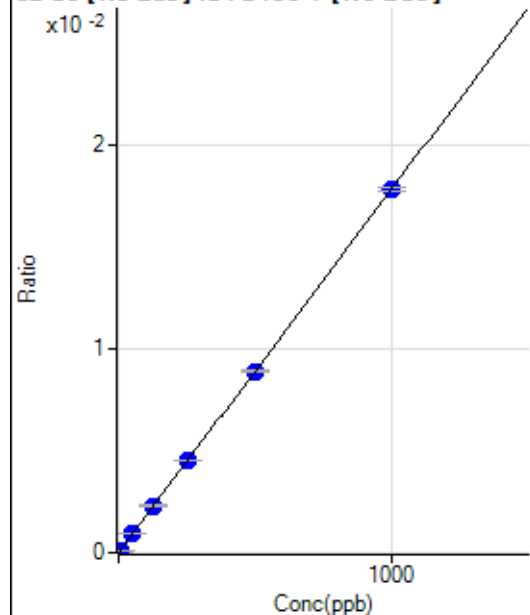
$$R = 0.9998$$

$$DL = 1.05$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-13.42	0.0000	P	-168.
2	☐	0.500					
3	☐	5.000	5.291	727.49	0.0001	P	4.1
4	☐	50.000	51.313	7136.06	0.0009	P	2.5
5	☐	125.000	129.581	17793.28	0.0023	P	0.5
6	☐	250.000	254.353	34855.02	0.0045	P	0.5
7	☐	500.000	499.635	67179.05	0.0089	P	1.9
8	☐	1000.000	998.454	133132.76	0.0178	P	0.9
9	☐			44.56	0.0000	P	113.1

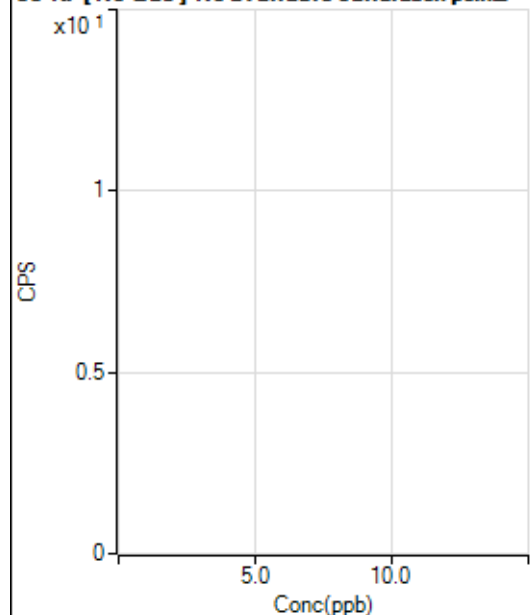
$$y = 1.7788\text{E-}005 * x - 1.7346\text{E-}006$$

$$R = 1.0000$$

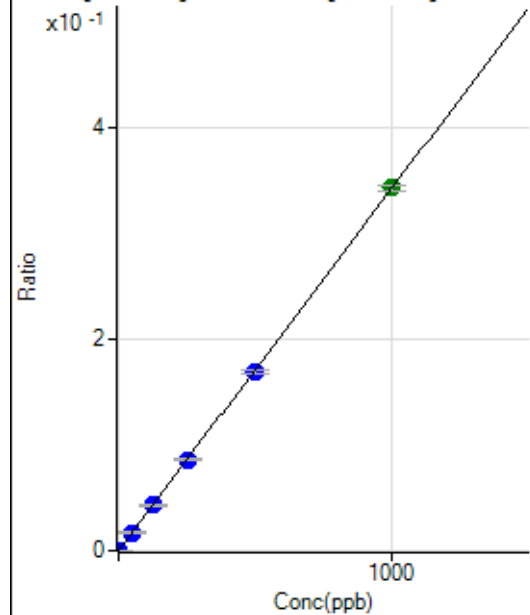
$$DL = 0.494$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			431.13		P	3.1
2	☐						
3	☐			410.01		P	6.1
4	☐			438.90		P	12.6
5	☐			361.12		P	10.6
6	☐			380.01		P	3.2
7	☐			394.46		P	10.8
8	☐			371.12		P	13.2
9	☐			434.46		P	11.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	686.16	0.0001	P	7.8
2	☐	0.100					
3	☐	1.000	0.930	3217.18	0.0004	P	1.4
4	☐	50.000	49.867	134373.40	0.0172	P	2.6
5	☐	125.000	125.388	332185.82	0.0430	P	1.2
6	☐	250.000	251.199	663193.53	0.0861	P	1.0
7	☐	500.000	493.364	1277251.96	0.1689	P	1.6
8	☐	1000.000	1002.976	2573846.24	0.3433	A	1.6
9	☐			11872.31	0.0016	P	0.9

$$y = 3.4222\text{E-}004 * x + 9.0397\text{E-}005$$

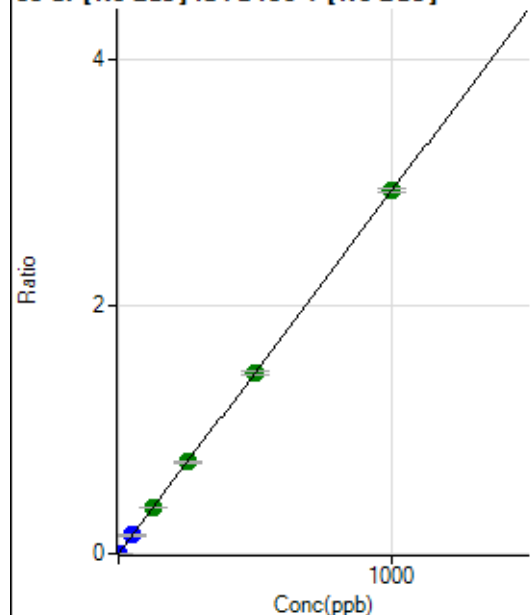
$$R = 1.0000$$

$$DL = 0.06219$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	175.01	0.0000	P	27.9
2	☐	0.100					
3	☐	1.000	0.986	22953.36	0.0029	P	0.8
4	☐	50.000	50.691	1164380.91	0.1486	P	1.9
5	☐	125.000	128.366	2907703.91	0.3764	A	0.8
6	☐	250.000	252.527	5706185.59	0.7404	A	0.7
7	☐	500.000	496.727	11011210.58	1.4564	A	1.8
8	☐	1000.000	1000.549	21992509.00	2.9336	A	1.2
9	☐			101327.63	0.0137	P	1.7

$$y = 0.0029 * x + 2.3021E-005$$

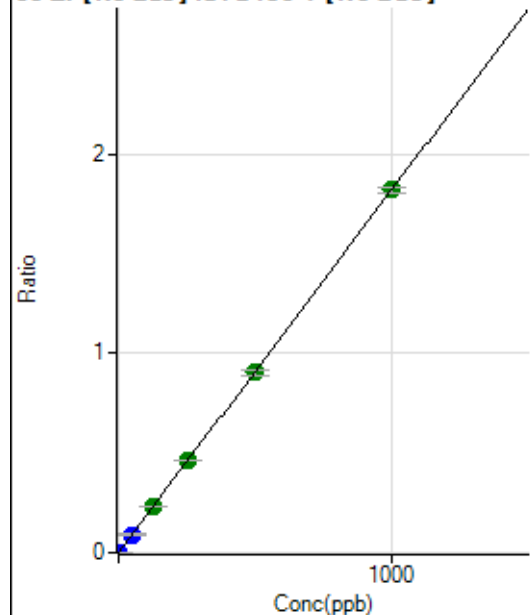
$$R = 1.0000$$

$$DL = 0.006575$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	650.05	0.0001	P	4.0
2	☐	0.100					
3	☐	1.000	0.903	13624.04	0.0017	P	4.5
4	☐	50.000	49.969	713362.98	0.0911	P	2.3
5	☐	125.000	128.150	1803302.21	0.2334	A	1.4
6	☐	250.000	254.062	3565963.32	0.4627	A	0.6
7	☐	500.000	495.961	6828213.95	0.9032	A	2.2
8	☐	1000.000	1000.612	13659597.70	1.8221	A	1.4
9	☐			4164.74	0.0006	P	6.6

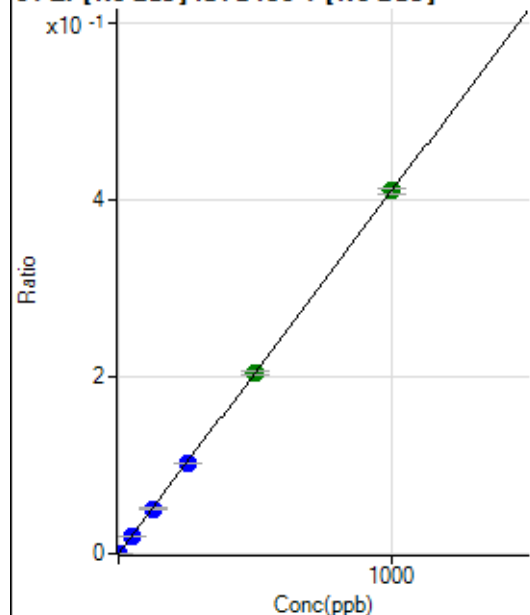
$$y = 0.0018 * x + 8.5650E-005$$

$$R = 1.0000$$

$$DL = 0.005623$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	177.79	0.0000	P	18.2
2	☐	0.100					
3	☐	1.000	0.854	2936.58	0.0004	P	2.6
4	☐	50.000	48.823	156730.32	0.0200	P	1.3
5	☐	125.000	124.324	393284.59	0.0509	P	0.6
6	☐	250.000	249.119	785984.63	0.1020	P	0.5
7	☐	500.000	499.430	1545717.40	0.2044	A	1.5
8	☐	1000.000	1000.649	3070412.39	0.4096	A	1.8
9	☐			905.63	0.0001	P	8.9

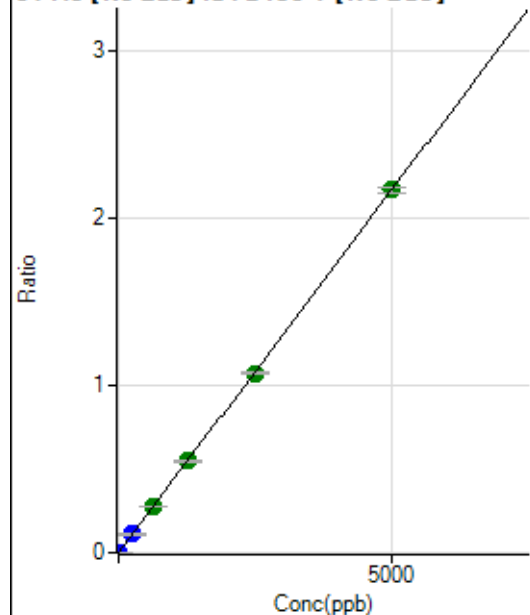
$$y = 4.0929\text{E-}004 * x + 2.3497\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.03133$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	333.36	0.0000	P	3.7
2	☐	0.500					
3	☐	5.000	4.735	16524.66	0.0021	P	1.2
4	☐	250.000	252.038	856854.69	0.1094	P	1.9
5	☐	625.000	639.642	2144113.66	0.2775	A	1.0
6	☐	1250.000	1260.497	4214833.42	0.5469	A	1.0
7	☐	2500.000	2479.711	8134446.54	1.0759	A	1.5
8	☐	5000.000	5005.589	16280204.18	2.1717	A	1.5
9	☐			20418.79	0.0028	P	4.7

$$y = 4.3385\text{E-}004 * x + 4.3926\text{E-}005$$

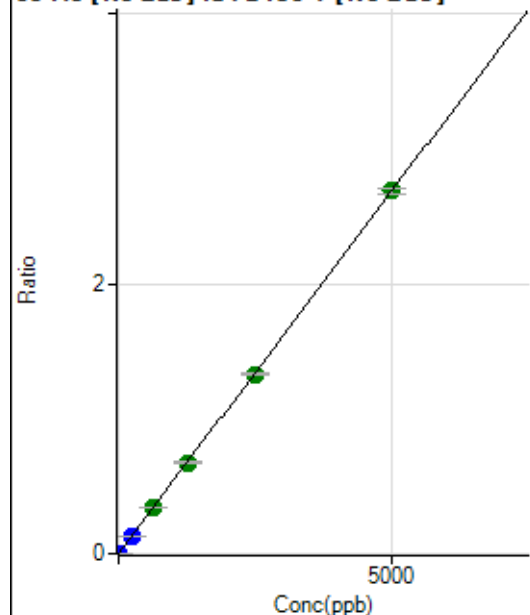
$$R = 1.0000$$

$$DL = 0.01109$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	138.90	0.0000	P	6.4
2	☐	0.500					
3	☐	5.000	4.767	20296.42	0.0026	P	1.6
4	☐	250.000	249.099	1047524.51	0.1337	P	1.8
5	☐	625.000	634.359	2630635.26	0.3405	A	0.9
6	☐	1250.000	1258.462	5206077.68	0.6755	A	0.4
7	☐	2500.000	2479.364	10062305.61	1.3309	A	1.7
8	☐	5000.000	5007.078	20148248.19	2.6877	A	1.5
9	☐			33506.23	0.0045	P	3.6

$$y = 5.3677\text{E-}004 * x + 1.8271\text{E-}005$$

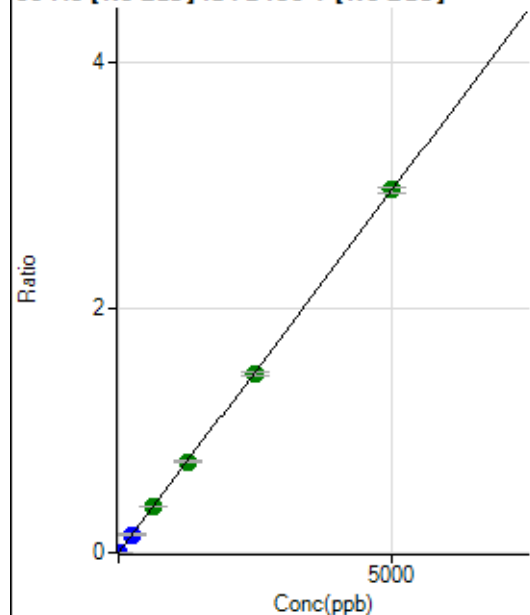
$$R = 1.0000$$

$$DL = 0.006493$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	225.01	0.0000	P	43.1
2	☐	0.500					
3	☐	5.000	4.821	22691.97	0.0029	P	1.7
4	☐	250.000	250.388	1160507.43	0.1482	P	1.8
5	☐	625.000	640.123	2925581.64	0.3787	A	1.7
6	☐	1250.000	1257.492	5733165.19	0.7439	A	1.0
7	☐	2500.000	2472.338	11058031.24	1.4626	A	1.8
8	☐	5000.000	5010.048	22217834.18	2.9638	A	1.9
9	☐			37915.35	0.0051	P	4.5

$$y = 5.9157\text{E-}004 * x + 2.9508\text{E-}005$$

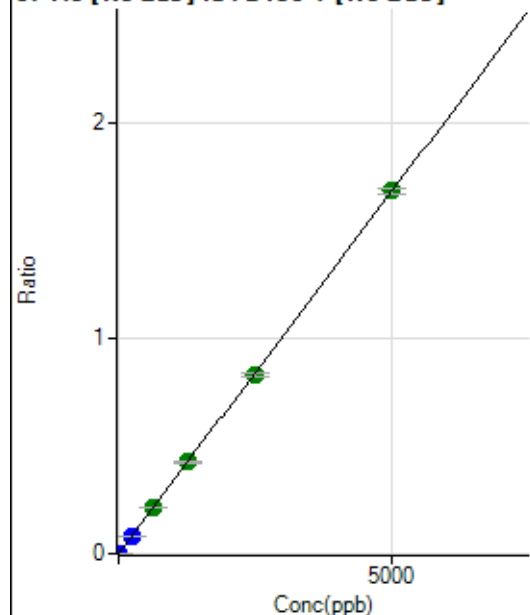
$$R = 1.0000$$

$$DL = 0.06454$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	43.4
2	☐	0.500					
3	☐	5.000	4.695	12536.82	0.0016	P	1.6
4	☐	250.000	246.481	649759.57	0.0830	P	1.9
5	☐	625.000	633.349	1646527.07	0.2131	A	0.1
6	☐	1250.000	1264.270	3278713.57	0.4254	A	0.5
7	☐	2500.000	2464.838	6270807.08	0.8294	A	1.8
8	☐	5000.000	5013.146	12645552.71	1.6869	A	1.8
9	☐			20557.96	0.0028	P	2.2

$$y = 3.3649\text{E-}004 * x + 1.1978\text{E-}005$$

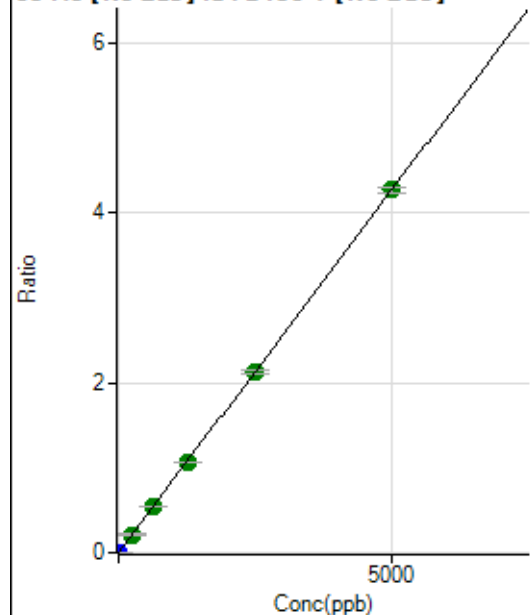
$$R = 1.0000$$

$$DL = 0.0463$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	261.13	0.0000	P	20.9
2	☐	0.500					
3	☐	5.000	4.803	32548.22	0.0041	P	1.2
4	☐	250.000	251.907	1684157.55	0.2150	A	1.6
5	☐	625.000	634.368	4182199.49	0.5414	A	0.8
6	☐	1250.000	1250.495	8223979.35	1.0671	A	0.6
7	☐	2500.000	2483.720	16023592.54	2.1195	A	2.2
8	☐	5000.000	5006.750	32029461.83	4.2725	A	1.3
9	☐			52432.96	0.0071	P	1.9

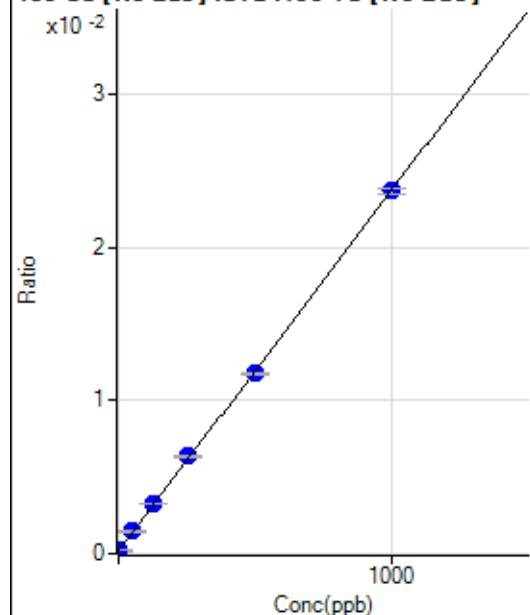
$$y = 8.5334\text{E-}004 * x + 3.4423\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.02523$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1664.07	0.0002	P	7.7
2	☐	0.100					
3	☐	1.000	1.376	2014.14	0.0002	P	9.1
4	☐	50.000	53.913	13843.81	0.0014	P	3.1
5	☐	125.000	132.040	31401.61	0.0033	P	1.2
6	☐	250.000	261.907	61197.62	0.0063	P	0.5
7	☐	500.000	493.345	113701.78	0.0118	P	1.1
8	☐	1000.000	999.275	226896.73	0.0237	P	1.4
9	☐			1705.75	0.0002	P	5.6

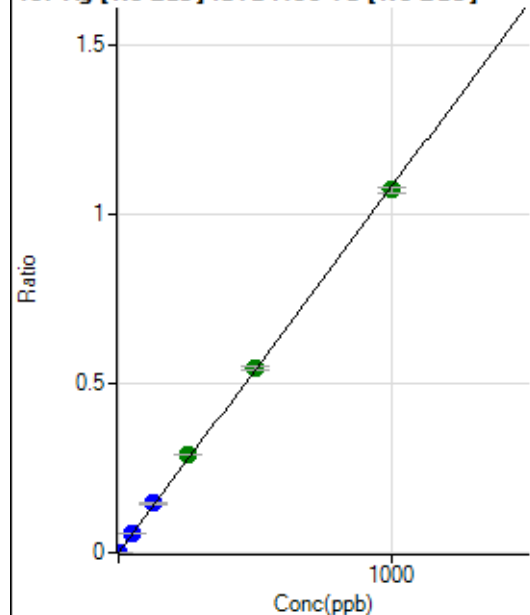
$$y = 2.3533\text{E-}005 * x + 1.7924\text{E-}004$$

$$R = 0.9999$$

$$DL = 1.755$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94.45	0.0000	P	28.2
2	☐	0.100					
3	☐	1.000	1.017	10568.55	0.0011	P	3.6
4	☐	50.000	54.178	561038.14	0.0587	P	2.8
5	☐	125.000	134.591	1392527.75	0.1458	P	1.1
6	☐	250.000	266.927	2789056.64	0.2891	A	0.6
7	☐	500.000	505.621	5280714.40	0.5476	A	1.9
8	☐	1000.000	991.550	10282145.37	1.0738	A	1.4
9	☐			1472.38	0.0002	P	4.7

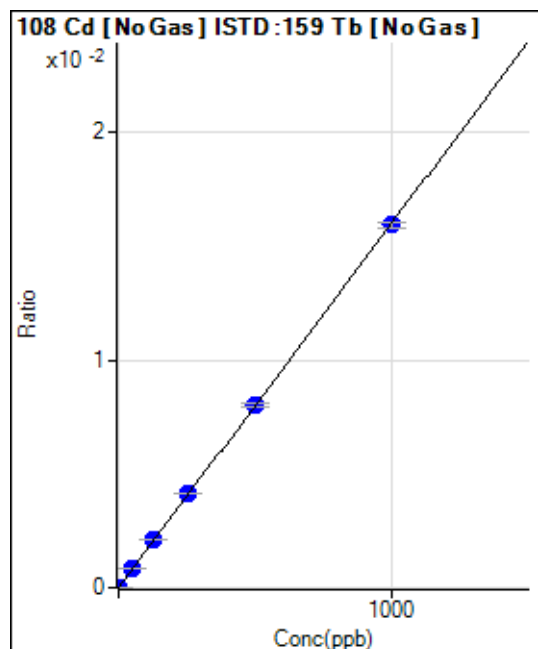
$$y = 0.0011 * x + 1.0132\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.007914$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	110.6
2	☐	0.100					
3	☐	1.000	0.890	147.23	0.0000	P	8.9
4	☐	50.000	54.020	8279.10	0.0009	P	4.4
5	☐	125.000	132.618	20294.73	0.0021	P	2.3
6	☐	250.000	258.498	39941.27	0.0041	P	1.3
7	☐	500.000	501.136	77390.17	0.0080	P	1.6
8	☐	1000.000	996.154	152728.01	0.0159	P	1.7
9	☐			58.33	0.0000	P	18.9

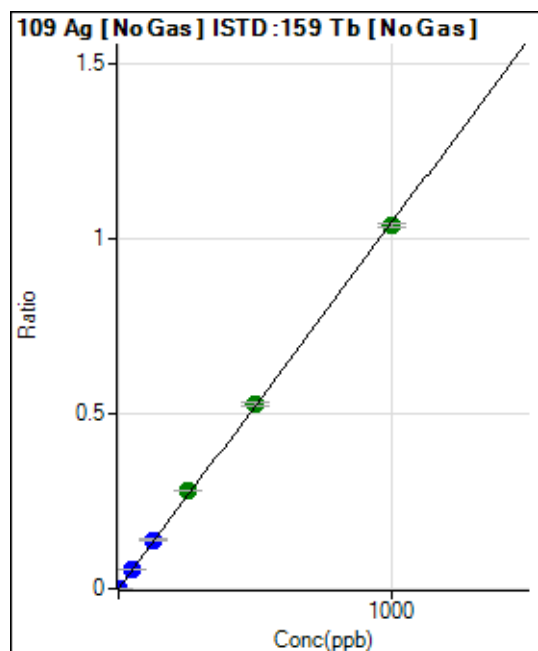
$$y = 1.6010\text{E-}005 * x + 1.2240\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.2535$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	55.5
2	☐	0.100					
3	☐	1.000	1.001	10048.62	0.0011	P	3.9
4	☐	50.000	53.345	533814.13	0.0558	P	2.8
5	☐	125.000	133.475	1334485.01	0.1397	P	1.2
6	☐	250.000	267.068	2696603.27	0.2795	A	0.5
7	☐	500.000	505.517	5102012.09	0.5290	A	1.5
8	☐	1000.000	991.748	9938205.35	1.0378	A	1.1
9	☐			1316.80	0.0001	P	9.1

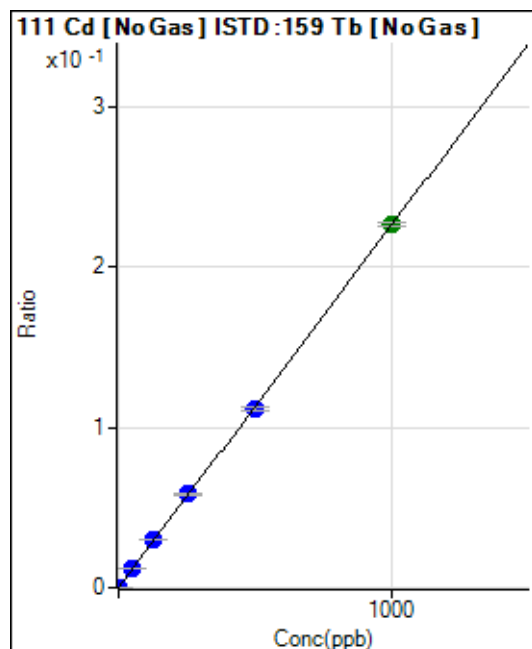
$$y = 0.0010 * x + 9.0171\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.01435$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1169.57	0.0001	P	8.8
2	☐	0.100					
3	☐	1.000	1.055	3469.56	0.0004	P	2.2
4	☐	50.000	52.266	114150.65	0.0119	P	3.3
5	☐	125.000	130.849	283780.95	0.0297	P	1.3
6	☐	250.000	257.101	561955.37	0.0582	P	0.6
7	☐	500.000	493.432	1076964.90	0.1117	P	1.3
8	☐	1000.000	1000.664	2167247.75	0.2263	A	1.2
9	☐			1592.10	0.0002	P	6.6

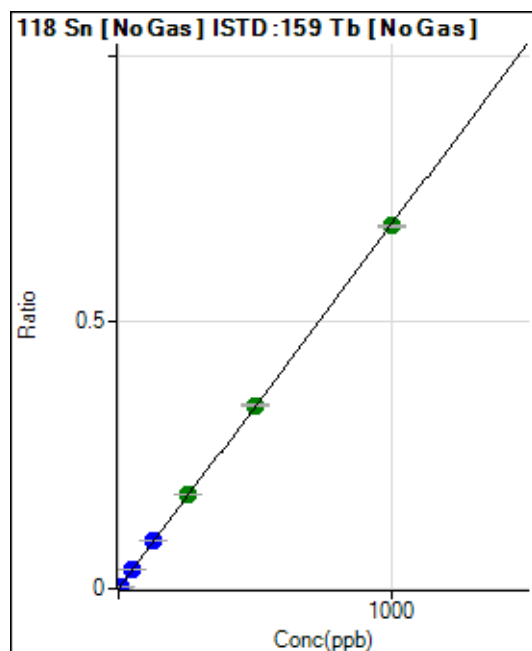
$$y = 2.2605\text{E-}004 * x + 1.2594\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.1463$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	958.41	0.0001	P	5.3
2	☐	0.500					
3	☐	5.000	5.109	34169.60	0.0036	P	6.1
4	☐	50.000	51.772	339154.54	0.0355	P	1.9
5	☐	125.000	130.264	851052.21	0.0891	P	1.0
6	☐	250.000	258.151	1702297.91	0.1764	A	1.1
7	☐	500.000	502.493	3311423.47	0.3433	A	1.1
8	☐	1000.000	995.969	6515783.48	0.6804	A	0.6
9	☐			9434.32	0.0010	P	0.1

$$y = 6.8307\text{E-}004 * x + 1.0327\text{E-}004$$

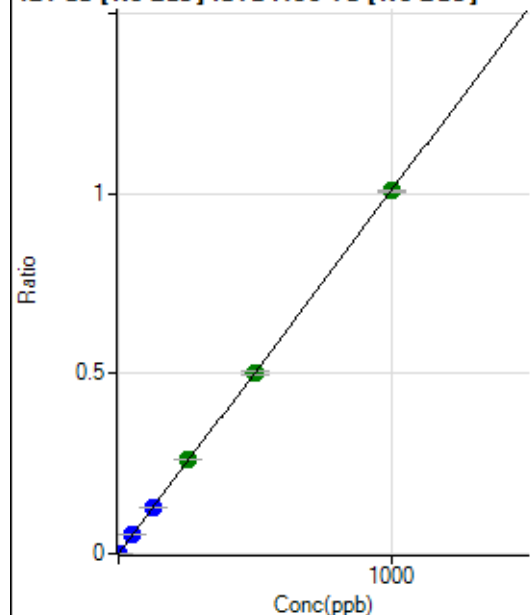
$$R = 1.0000$$

$$DL = 0.02413$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	225.02	0.0000	P	27.6
2	☐	0.200					
3	☐	2.000	1.945	18914.12	0.0020	P	3.0
4	☐	50.000	51.058	493064.02	0.0516	P	1.9
5	☐	125.000	128.513	1239484.56	0.1297	P	1.2
6	☐	250.000	259.147	2524038.21	0.2616	A	0.5
7	☐	500.000	496.523	4833488.91	0.5012	A	2.1
8	☐	1000.000	998.960	9656240.67	1.0084	A	0.4
9	☐			31858.64	0.0034	P	2.0

$$y = 0.0010 * x + 2.4375E-005$$

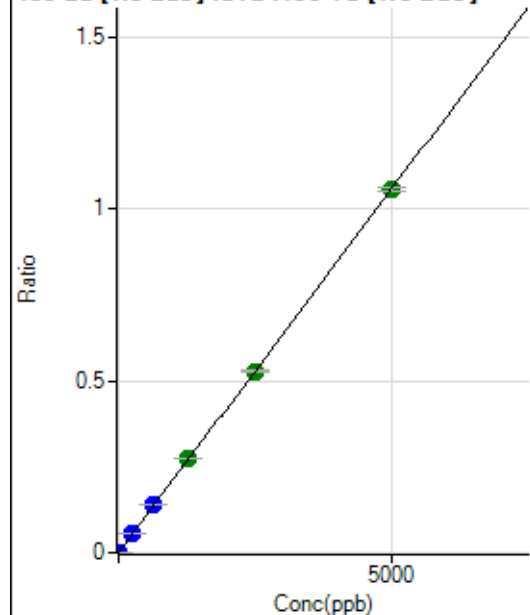
$$R = 0.9999$$

$$DL = 0.01999$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	106.2
2	☐	1.000					
3	☐	10.000	9.963	20065.98	0.0021	P	4.2
4	☐	250.000	259.205	524091.41	0.0548	P	2.9
5	☐	625.000	652.708	1318706.27	0.1380	P	0.9
6	☐	1250.000	1291.907	2636031.87	0.2732	A	1.2
7	☐	2500.000	2492.434	5083413.14	0.5271	A	1.5
8	☐	5000.000	4989.383	10103611.43	1.0551	A	1.1
9	☐			3247.78	0.0003	P	1.6

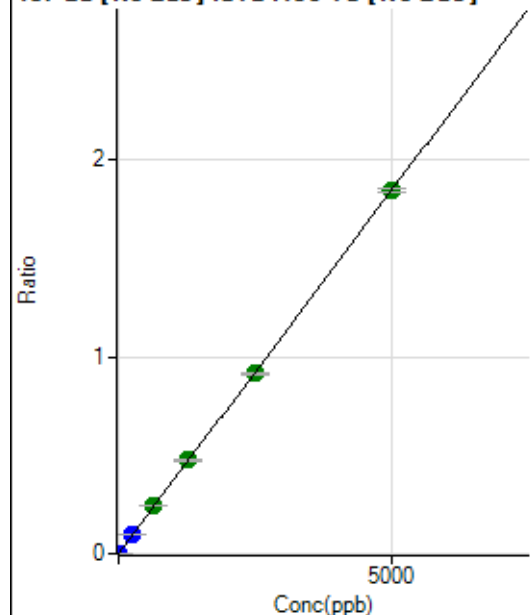
$$y = 2.1147E-004 * x + 2.3571E-006$$

$$R = 1.0000$$

$$DL = 0.03552$$

Weight: <None>

Min Conc: 0

¹³⁷Ba [No Gas] ISTD : ¹⁵⁹Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.78	0.0000	P	26.8
2	☐	1.000					
3	☐	10.000	10.175	35752.31	0.0038	P	3.8
4	☐	250.000	260.216	917548.10	0.0960	P	3.3
5	☐	625.000	660.028	2325728.93	0.2434	A	0.5
6	☐	1250.000	1284.205	4569876.49	0.4736	A	0.5
7	☐	2500.000	2483.614	8834626.85	0.9160	A	1.2
8	☐	5000.000	4994.752	17640134.07	1.8422	A	1.1
9	☐			5729.32	0.0006	P	0.6

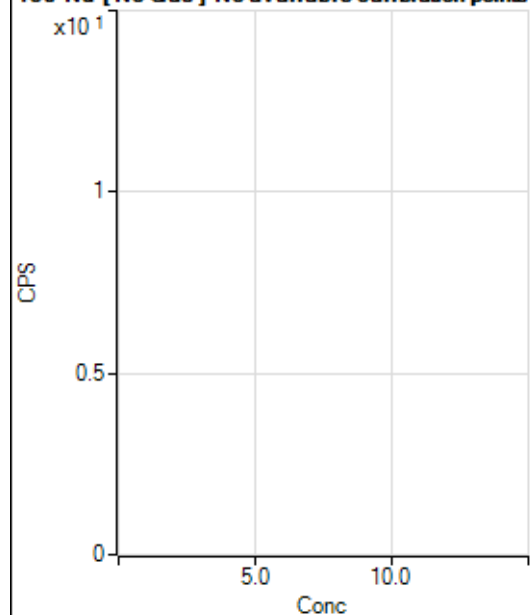
$$y = 3.6882E-004 * x + 5.7179E-006$$

$$R = 0.9999$$

$$DL = 0.01247$$

Weight: <None>

Min Conc: 0

¹⁵⁰Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			8.89		P	114.5
2	☐						
3	☐			4.45		P	86.6
4	☐			28.89		P	81.0
5	☐			66.67		P	0.0
6	☐			140.01		P	31.2
7	☐			231.12		P	26.8
8	☐			422.25		P	7.5
9	☐			146.67		P	13.6

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			1.11		P	173.2
4	☐			1.11		P	173.2
5	☐			4.44		P	114.6
6	☐			6.67		P	50.0
7	☐			4.45		P	86.6
8	☐			8.89		P	21.6
9	☐			12.22		P	15.7

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	0.0
2	☐						
3	☐			5.55		P	86.6
4	☐			36.11		P	58.1
5	☐			36.11		P	35.3
6	☐			44.45		P	47.2
7	☐			97.23		P	30.1
8	☐			144.45		P	16.7
9	☐			108.34		P	13.3

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			3.33		P	100.1
4	☐			5.56		P	34.7
5	☐			1.11		P	173.2
6	☐			6.67		P	100.0
7	☐			11.11		P	45.8
8	☐			12.22		P	56.8
9	☐			18.89		P	36.7

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	0.0
2	☐						
3	☐			66.67		P	12.5
4	☐			72.23		P	13.3
5	☐			86.12		P	20.1
6	☐			58.33		P	37.8
7	☐			63.89		P	39.8
8	☐			125.01		P	29.1
9	☐			94.45		P	22.2

160 Gd [He] No available calibration points

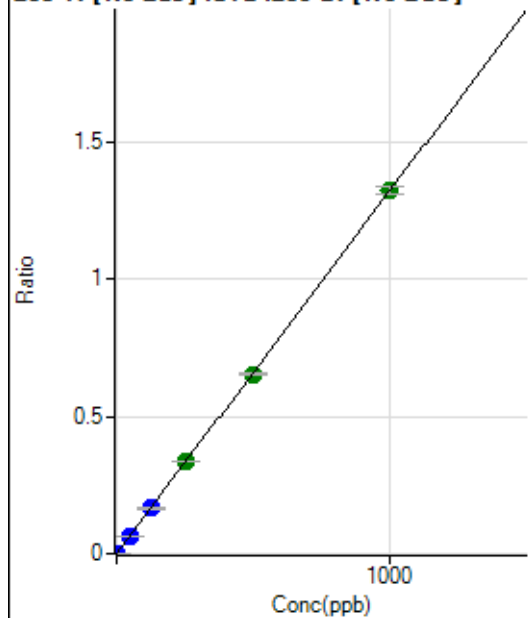
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			4.44		P	43.4
4	☐			8.89		P	78.1
5	☐			13.33		P	66.1
6	☐			11.11		P	17.3
7	☐			15.56		P	49.5
8	☐			20.00		P	28.9
9	☐			20.00		P	33.4

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	74.2
2	☐						
3	☐			44.45		P	10.8
4	☐			44.45		P	39.0
5	☐			41.67		P	60.0
6	☐			44.45		P	47.2
7	☐			25.00		P	66.7
8	☐			52.78		P	45.6
9	☐			47.22		P	50.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐						
3	☐			10.00		P	33.3
4	☐			8.89		P	57.3
5	☐			7.78		P	65.5
6	☐			7.78		P	24.7
7	☐			2.22		P	86.6
8	☐			11.11		P	17.3
9	☐			8.89		P	57.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	155.57	0.0000	P	35.3
2	☐	0.100					
3	☐	1.000	0.947	7605.44	0.0013	P	2.7
4	☐	50.000	48.795	383509.62	0.0646	P	3.3
5	☐	125.000	124.791	980225.15	0.1651	P	2.2
6	☐	250.000	255.281	2022454.17	0.3376	A	0.6
7	☐	500.000	495.580	3945940.15	0.6554	A	1.8
8	☐	1000.000	1000.976	7850922.57	1.3238	A	2.1
9	☐			3909.14	0.0007	P	9.3

$$y = 0.0013 * x + 2.7038E-005$$

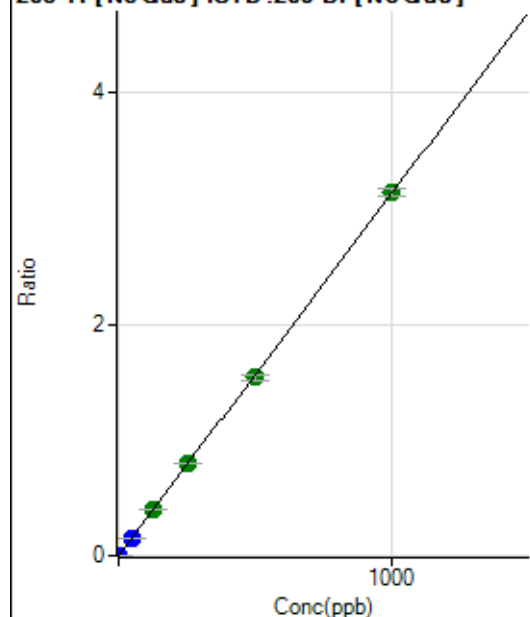
$$R = 1.0000$$

$$DL = 0.02162$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	480.59	0.0001	P	11.1
2	☐	0.100					
3	☐	1.000	0.928	17724.33	0.0030	P	4.3
4	☐	50.000	49.396	917478.32	0.1544	P	3.3
5	☐	125.000	127.693	2370289.70	0.3991	A	2.0
6	☐	250.000	255.353	4780432.05	0.7980	A	0.5
7	☐	500.000	492.397	9263343.35	1.5388	A	2.6
8	☐	1000.000	1002.157	18573805.80	3.1317	A	2.1
9	☐			9754.13	0.0018	P	6.6

$$y = 0.0031 * x + 8.3085E-005$$

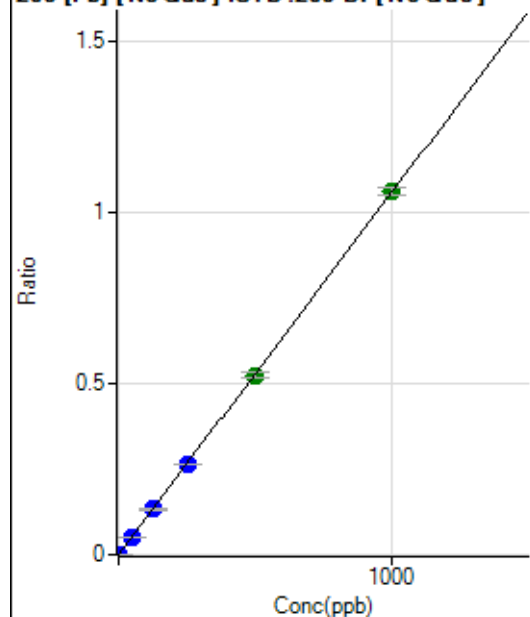
$$R = 0.9999$$

$$DL = 0.008868$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	312.98	0.0001	P	23.0
2	☐	0.100					
3	☐	1.000	0.954	6323.99	0.0011	P	2.9
4	☐	50.000	48.876	307903.28	0.0518	P	2.3
5	☐	125.000	124.799	785248.96	0.1322	P	2.5
6	☐	250.000	250.044	1586665.01	0.2649	P	0.3
7	☐	500.000	495.628	3160296.40	0.5250	A	2.6
8	☐	1000.000	1002.256	6295698.06	1.0615	A	2.1
9	☐			6953.97	0.0013	P	3.3

$$y = 0.0011 * x + 5.4321E-005$$

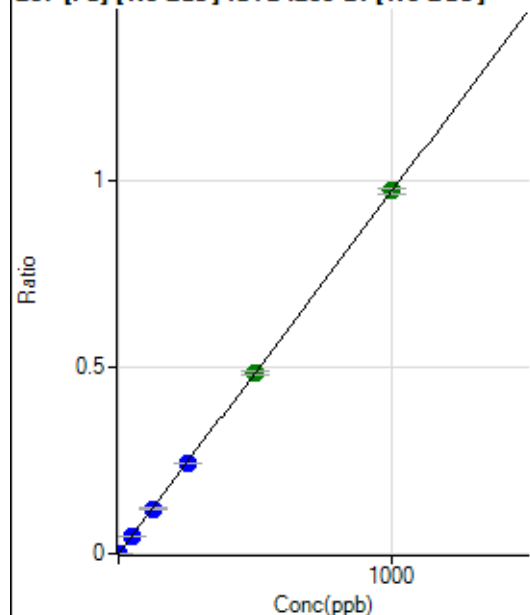
$$R = 1.0000$$

$$DL = 0.03542$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	335.20	0.0001	P	10.3
2	☐	0.100					
3	☐	1.000	0.960	5866.36	0.0010	P	3.8
4	☐	50.000	48.415	279024.03	0.0470	P	3.2
5	☐	125.000	123.277	709626.96	0.1195	P	2.7
6	☐	250.000	248.041	1439926.99	0.2404	P	0.7
7	☐	500.000	497.366	2901442.63	0.4819	A	2.2
8	☐	1000.000	1002.101	5758725.25	0.9710	A	1.9
9	☐			5925.64	0.0011	P	3.2

$$y = 9.6888\text{E-}004 * x + 5.7772\text{E-}005$$

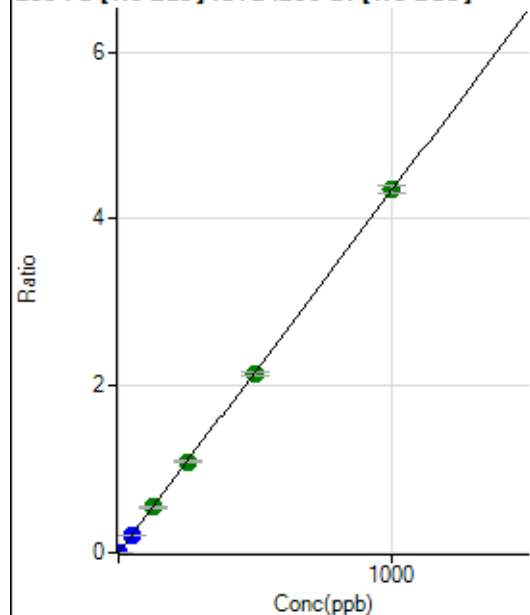
$$R = 1.0000$$

$$DL = 0.0184$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1407.48	0.0002	P	4.1
2	☐	0.100					
3	☐	1.000	0.954	26009.39	0.0044	P	2.9
4	☐	50.000	48.705	1255688.75	0.2113	P	2.8
5	☐	125.000	125.453	3230747.60	0.5440	A	2.1
6	☐	250.000	251.787	6538820.29	1.0916	A	0.7
7	☐	500.000	494.089	12893825.41	2.1418	A	2.4
8	☐	1000.000	1002.517	25772633.33	4.3455	A	2.0
9	☐			27115.77	0.0049	P	1.1

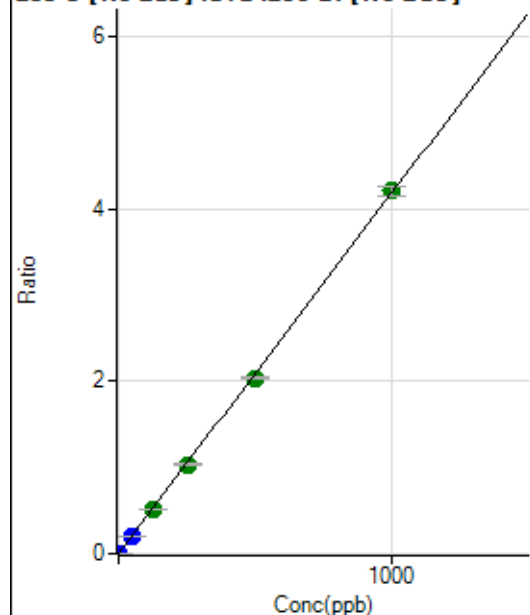
$$y = 0.0043 * x + 2.4330\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.006955$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	91.67	0.0000	P	3.2
2	☐	0.100					
3	☐	1.000	0.941	23475.70	0.0040	P	2.7
4	☐	50.000	47.601	1182388.59	0.1990	P	3.2
5	☐	125.000	124.267	3085758.88	0.5196	A	1.7
6	☐	250.000	247.385	6195655.39	1.0343	A	0.6
7	☐	500.000	488.138	12287627.53	2.0408	A	1.4
8	☐	1000.000	1006.796	24963080.59	4.2093	A	2.4
9	☐			4667.74	0.0008	P	4.2

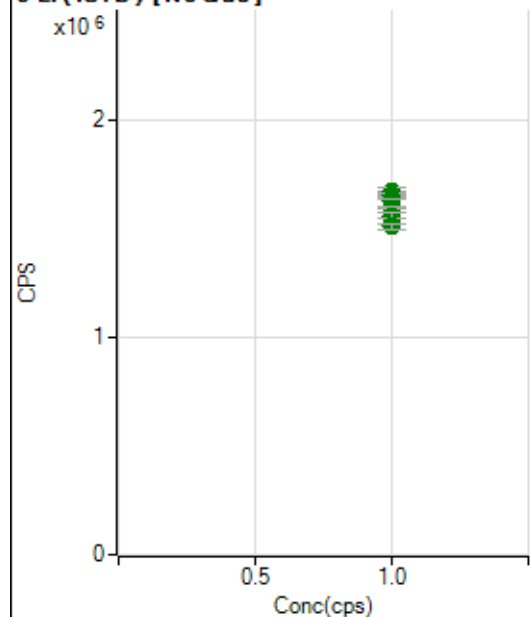
$$y = 0.0042 * x + 1.5844E-005$$

$$R = 0.9999$$

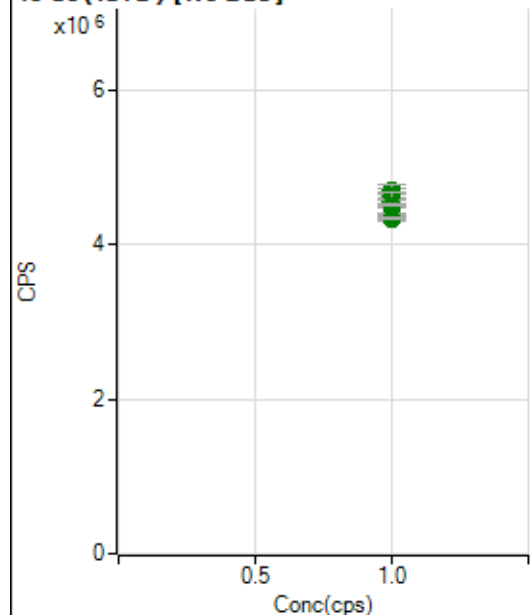
$$DL = 0.0003693$$

Weight: <None>

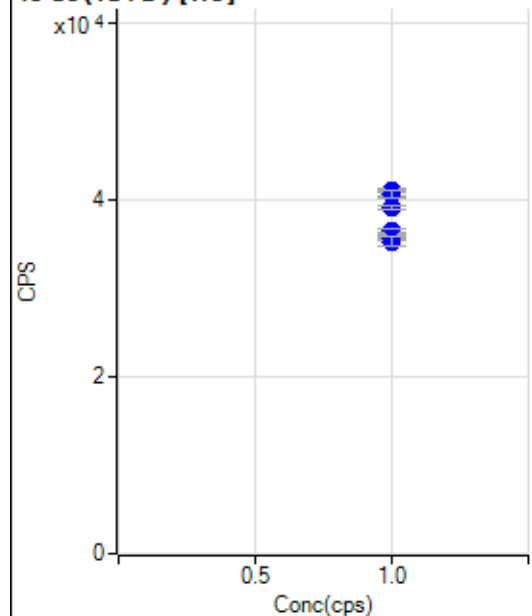
Min Conc: 0

6 Li (ISTD) [No Gas]

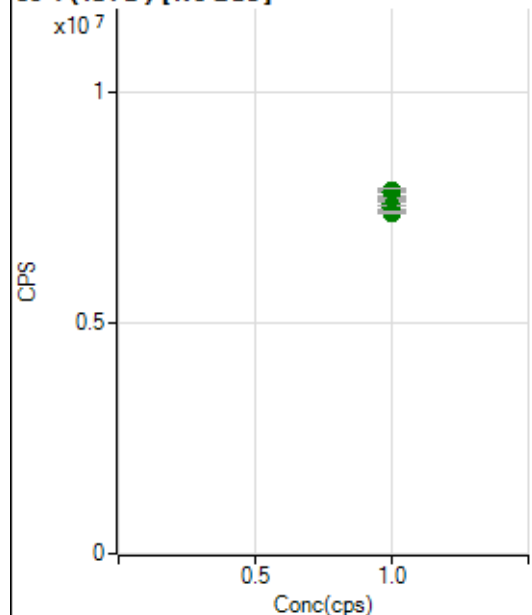
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1624446.63		A	3.0
2	☐	1.000					
3	☐	1.000		1660340.08		A	1.0
4	☐	1.000		1670085.20		A	2.0
5	☐	1.000		1651128.32		A	1.9
6	☐	1.000		1637229.60		A	0.4
7	☐	1.000		1595450.24		A	0.6
8	☐	1.000		1559016.97		A	1.6
9	☐	1.000		1511927.72		A	1.6

45 Sc (ISTD) [No Gas]

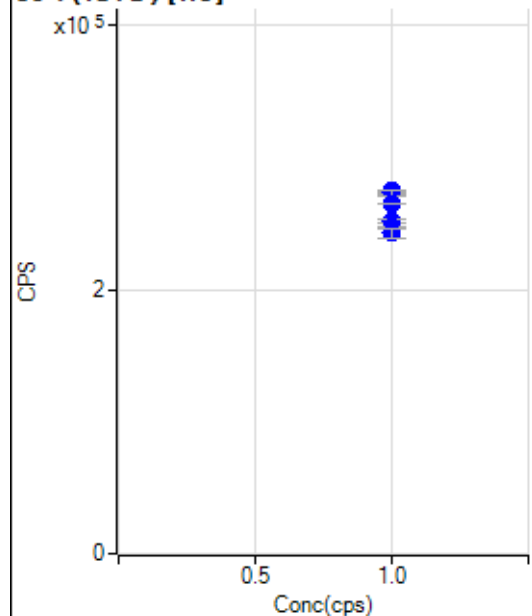
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4559317.25		A	3.8
2	☐	1.000					
3	☐	1.000		4692598.54		A	1.7
4	☐	1.000		4689055.32		A	3.3
5	☐	1.000		4627528.96		A	2.3
6	☐	1.000		4514016.42		A	0.6
7	☐	1.000		4385528.13		A	0.6
8	☐	1.000		4329257.65		A	1.1
9	☐	1.000		4334521.89		A	0.9

45 Sc (ISTD) [He]

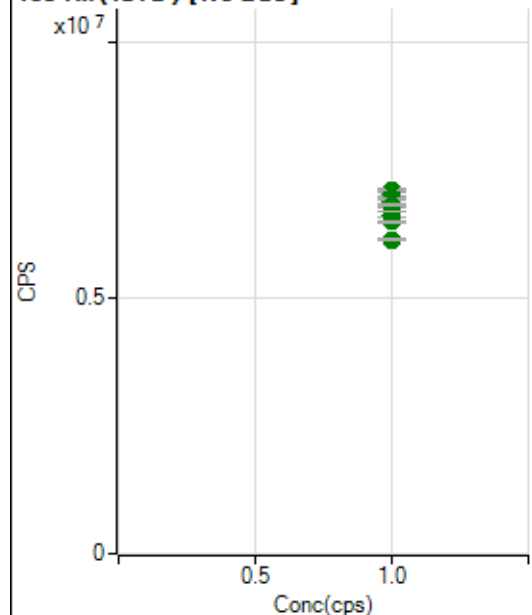
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		40760.16		P	1.9
2	☐	1.000					
3	☐	1.000		41027.66		P	1.0
4	☐	1.000		40666.62		P	2.4
5	☐	1.000		39153.45		P	1.6
6	☐	1.000		36594.43		P	1.2
7	☐	1.000		35571.78		P	1.1
8	☐	1.000		35717.75		P	2.0
9	☐	1.000		35304.65		P	3.0

89 Y (ISTD) [No Gas]

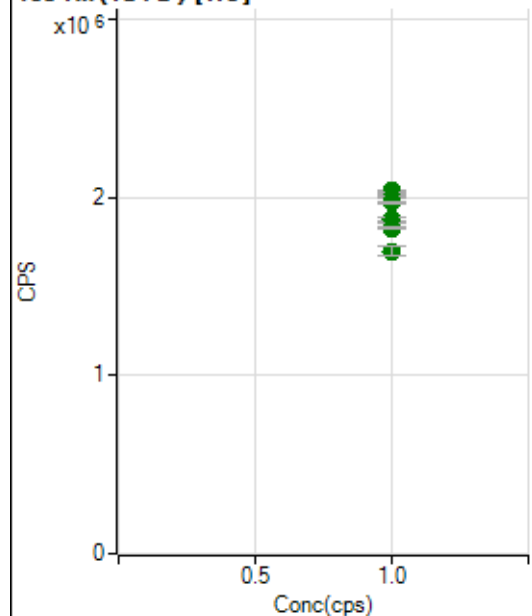
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7593046.62		A	3.0
2	☐	1.000					
3	☐	1.000		7875419.12		A	0.4
4	☐	1.000		7835109.40		A	2.0
5	☐	1.000		7725507.53		A	0.7
6	☐	1.000		7706835.09		A	0.7
7	☐	1.000		7562183.01		A	1.8
8	☐	1.000		7497496.42		A	1.3
9	☐	1.000		7397904.47		A	0.5

89 Y (ISTD) [He]

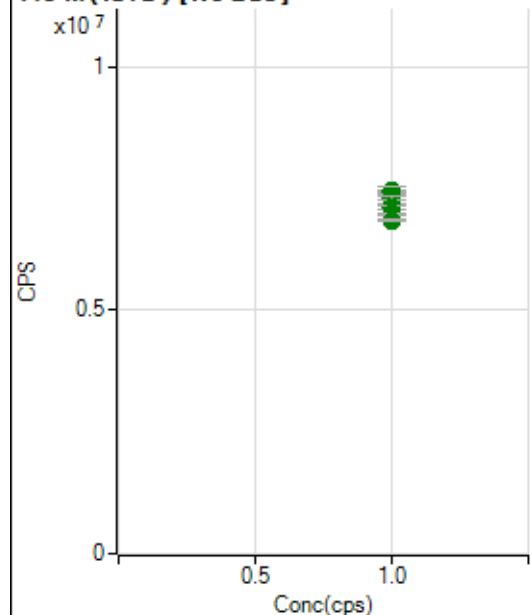
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		273987.15		P	0.9
2	☐	1.000					
3	☐	1.000		274734.13		P	0.8
4	☐	1.000		273109.06		P	1.3
5	☐	1.000		265120.12		P	0.4
6	☐	1.000		251667.60		P	1.3
7	☐	1.000		247754.18		P	0.1
8	☐	1.000		246785.15		P	0.9
9	☐	1.000		242504.25		P	3.2

103 Rh (ISTD) [No Gas]

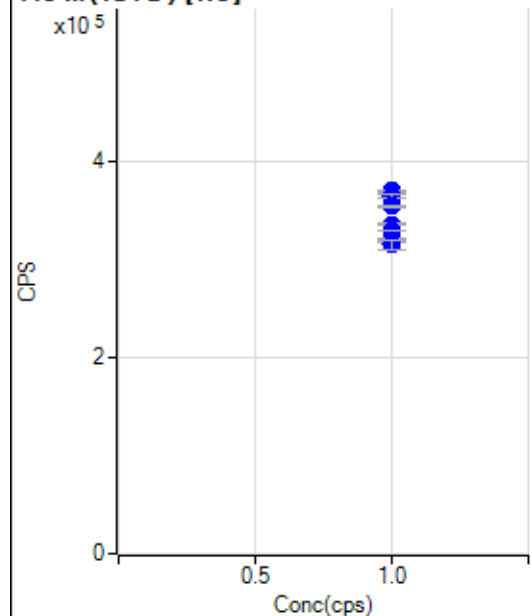
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6897881.84		A	3.2
2	☐	1.000					
3	☐	1.000		7094962.14		A	1.2
4	☐	1.000		7038688.09		A	2.5
5	☐	1.000		6941692.86		A	0.8
6	☐	1.000		6813733.05		A	0.6
7	☐	1.000		6625045.29		A	1.6
8	☐	1.000		6496883.52		A	0.7
9	☐	1.000		6143797.27		A	0.6

103 Rh (ISTD) [He]

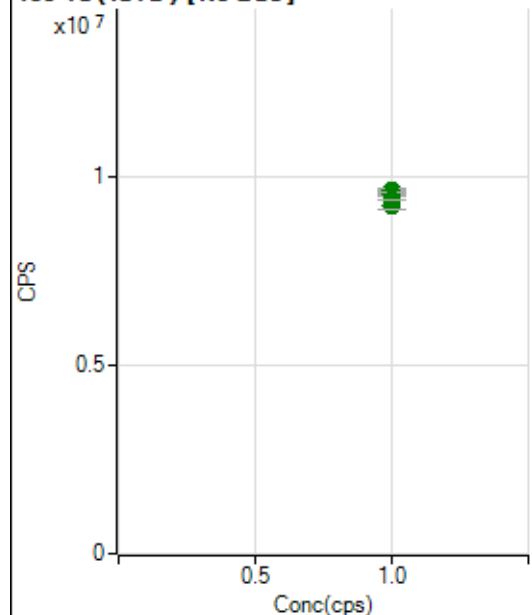
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2039264.08		A	0.3
2	☐	1.000					
3	☐	1.000		2028580.87		A	0.3
4	☐	1.000		2003459.26		A	0.5
5	☐	1.000		1976305.75		A	0.5
6	☐	1.000		1878415.53		A	0.9
7	☐	1.000		1858808.79		A	0.4
8	☐	1.000		1831331.36		A	0.9
9	☐	1.000		1699077.73		A	3.1

115 In (ISTD) [No Gas]

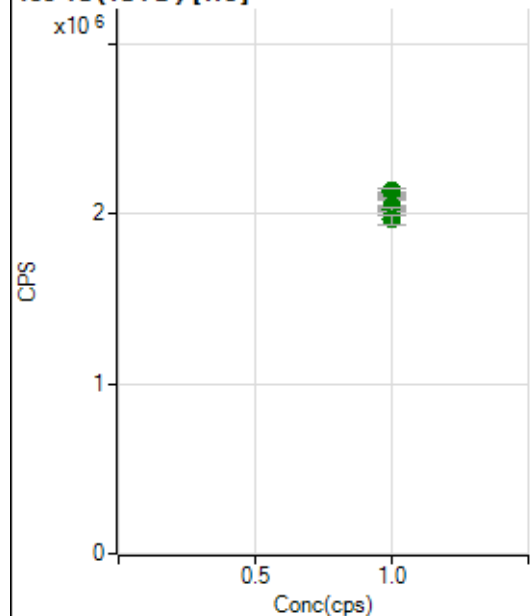
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7286980.71		A	3.3
2	☐	1.000					
3	☐	1.000		7417907.43		A	1.5
4	☐	1.000		7447366.06		A	2.4
5	☐	1.000		7352020.23		A	0.7
6	☐	1.000		7302939.61		A	0.6
7	☐	1.000		7093431.98		A	0.9
8	☐	1.000		6972657.00		A	0.7
9	☐	1.000		6843546.08		A	0.6

115 In (ISTD) [He]

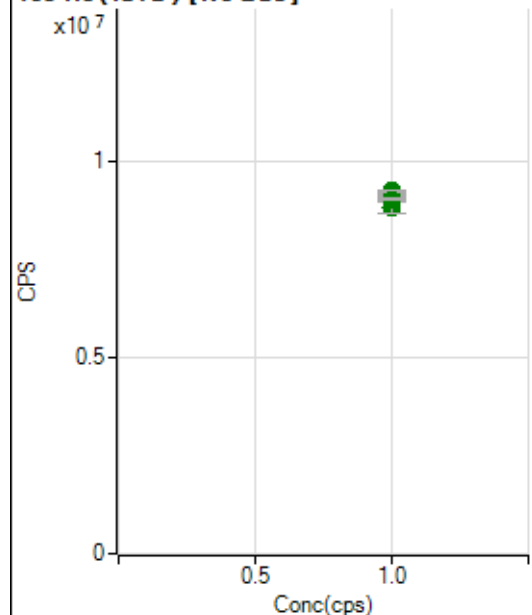
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		368348.94		P	0.5
2	☐	1.000					
3	☐	1.000		369997.08		P	0.3
4	☐	1.000		364459.03		P	1.2
5	☐	1.000		354950.22		P	0.6
6	☐	1.000		335710.48		P	0.6
7	☐	1.000		329367.27		P	0.1
8	☐	1.000		319870.49		P	0.8
9	☐	1.000		315578.97		P	3.1

159 Tb (ISTD) [No Gas]

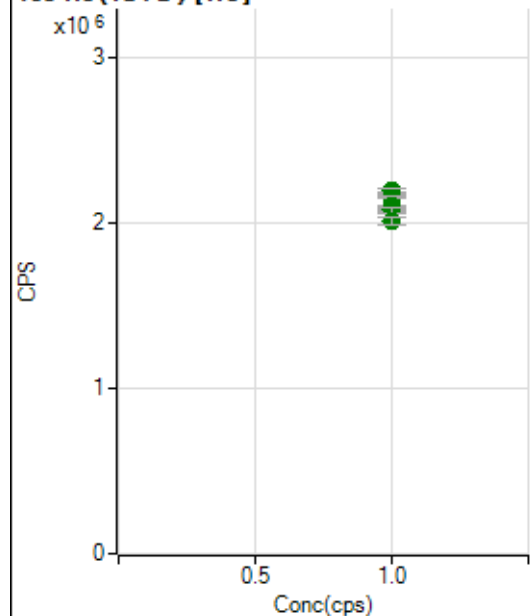
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9270454.38		A	3.0
2	☐	1.000					
3	☐	1.000		9518061.52		A	2.2
4	☐	1.000		9566079.58		A	2.9
5	☐	1.000		9554085.83		A	0.9
6	☐	1.000		9648598.89		A	0.7
7	☐	1.000		9645712.56		A	1.5
8	☐	1.000		9576390.13		A	0.8
9	☐	1.000		9402863.26		A	0.3

159 Tb (ISTD) [He]

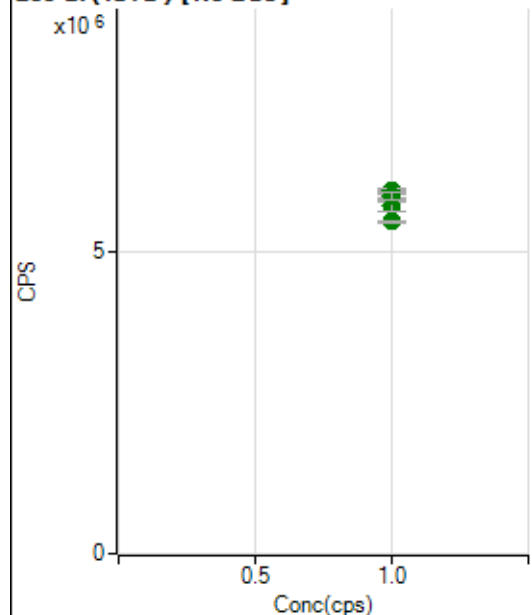
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2118952.52		A	0.8
2	☐	1.000					
3	☐	1.000		2135015.21		A	1.4
4	☐	1.000		2128775.78		A	1.6
5	☐	1.000		2088399.12		A	0.7
6	☐	1.000		2033964.76		A	1.1
7	☐	1.000		2043304.99		A	0.3
8	☐	1.000		2028548.98		A	1.0
9	☐	1.000		1966574.34		A	2.9

165 Ho (ISTD) [No Gas]

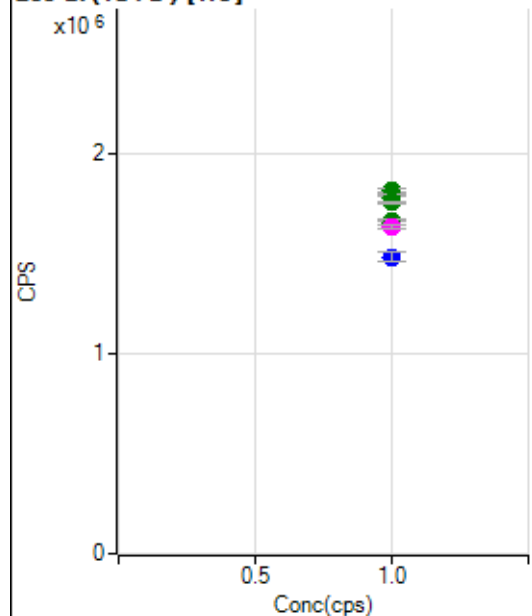
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8831902.45		A	3.3
2	☐	1.000					
3	☐	1.000		9016327.03		A	1.1
4	☐	1.000		9165723.21		A	2.4
5	☐	1.000		9118124.51		A	0.7
6	☐	1.000		9236460.10		A	0.9
7	☐	1.000		9200628.16		A	1.4
8	☐	1.000		9238975.12		A	0.8
9	☐	1.000		9028097.25		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2193280.49		A	0.9
2	☐	1.000					
3	☐	1.000		2175387.22		A	0.7
4	☐	1.000		2192446.97		A	1.6
5	☐	1.000		2155113.51		A	0.7
6	☐	1.000		2078846.38		A	0.5
7	☐	1.000		2098900.37		A	0.6
8	☐	1.000		2077688.79		A	1.5
9	☐	1.000		2012141.50		A	2.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5789865.12		A	3.2
2	☐	1.000					
3	☐	1.000		5941430.12		A	0.9
4	☐	1.000		5944767.27		A	3.2
5	☐	1.000		5940548.52		A	2.1
6	☐	1.000		5990295.26		A	0.4
7	☐	1.000		6021922.27		A	1.9
8	☐	1.000		5932368.52		A	2.0
9	☐	1.000		5514353.80		A	0.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1811632.64		A	1.1
2	☐	1.000					
3	☐	1.000		1791525.93		A	0.3
4	☐	1.000		1772606.09		A	2.2
5	☐	1.000		1754579.87		A	0.5
6	☐	1.000		1662576.22		A	0.7
7	☐	1.000		1655314.09		A	1.4
8	☐	1.000		1632072.49		M	1.0
9	☐	1.000		1483399.93		P	3.1

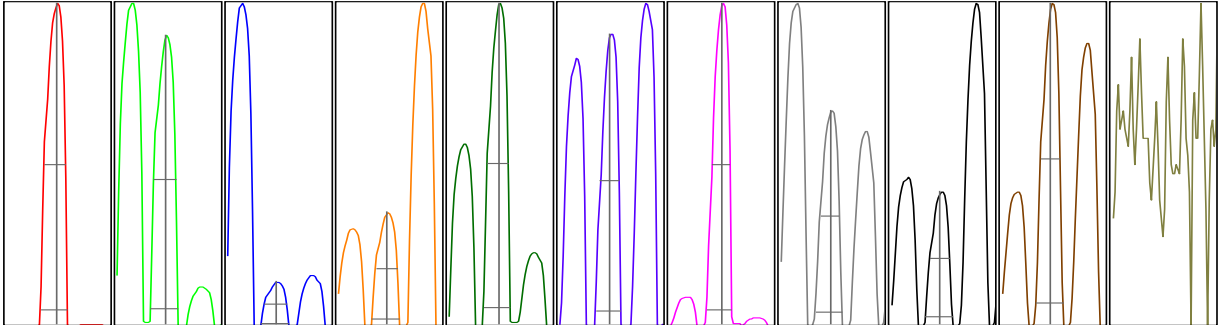
US EPA Tune Check Sample Report

Batch Folder D:\P8100218 MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	9069	0.82	5.00	
24	62214	0.62	5.00	
25	8479	0.68	5.00	
26	9776	0.84	5.00	
59	83122	0.59	5.00	
113	11293	0.81	5.00	
115	138491	1.25	5.00	
206	31440	0.72	5.00	
207	28753	0.73	5.00	
208	67850	0.86	5.00	
220	1	23.51		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	9055	9160	9092	9083	8956
24	62036	62293	62684	62396	61660
25	8466	8523	8544	8462	8398
26	9747	9864	9803	9816	9649
59	83271	83482	83635	82719	82504
113	11292	11352	11372	11306	11141
115	138639	140674	138031	139158	135951
206	31124	31569	31561	31664	31286
207	28490	28680	28861	29047	28686
208	66914	68194	68195	68296	67654
220	1	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	15755	9.00	8.9 - 9.1		0.774	0.900	
24	106490	23.95	23.9 - 24.1		0.783	0.900	
25	14365	24.95	24.9 - 25.1		0.785	0.900	
26	16695	25.95	25.9 - 26.1		0.784	0.900	
59	147256	59.00	58.9 - 59.1		0.768	0.900	
113	21412	113.00	112.9 - 113.1		0.728	0.900	
115	264670	115.05	114.9 - 115.1		0.722	0.900	
206	58114	206.00	205.9 - 206.1		0.773	0.900	
207	52331	206.95	206.9 - 207.1		0.772	0.900	
208	126313	207.95	207.9 - 208.1		0.771	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.4	V	Deflect	14.0	V
Extract 2	-230.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-95	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	10846	0.29	
89	2592	0.89	
205	15888	0.59	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	10897	10823	10843	10851	10816
89	2598	2600	2620	2581	2559
205	16018	15838	15941	15870	15774

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.4	V	Deflect	1.6	V
Extract 2	-230.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-95	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number : LB98309 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-02 18:18:50 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	0.12	-0.18	0.00	N/A	ppb
Antimony	121-1	-0.01	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	135-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.02	-0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.15	0.27	-0.42	0.00	N/A	ppb
Boron	11-1	0.02	0.10	-0.11	0.00	N/A	ppb
Cadmium	111-1	0.04	-0.06	0.02	0.00	N/A	ppb
Cadmium	106-1	0.41	-0.67	0.26	0.00	N/A	ppb
Cadmium	108-1	-0.05	0.10	-0.05	0.00	N/A	ppb
Calcium	43-1	4.29	-0.41	-3.88	0.00	N/A	ppb
Calcium	44-1	-0.82	1.28	-0.46	0.00	N/A	ppb
Chromium	52-2	-0.05	0.02	0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00	N/A	ppb
Copper	63-2	0.01	0.00	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.09	0.29	-0.38	0.00	N/A	ppb
Iron	57-2	0.18	-0.08	-0.10	0.00	N/A	ppb
Krypton	83-1						ppb
Lead	206-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.13	-0.28	0.41	0.00	N/A	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:18:50	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.06	-0.07	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.02	-0.01	-0.02	0.00	N/A	ppb
Molybdenum	97-1	0.02	-0.02	0.00	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.00	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	0.10	0.01	0.00	N/A	ppb
Phosphorus	31-2	-0.26	14.99	-14.43	0.10	14731.06	ppb
Potassium	39-2	1.83	-2.50	0.67	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.20	0.40	-0.20	0.00	N/A	ppb
Selenium	82-1	-0.19	0.09	0.10	0.00	N/A	ppb
Silicon	28-1	-2.18	2.38	-0.19	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.01	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	1.34	0.50	-1.84	0.00	N/A	ppb
Strontium	86-1	0.02	0.01	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-350.70	636.78	124.35	136.81	360.98	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	-0.01	0.00	0.00	N/A	ppb
Titanium	47-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.18	0.13	0.05	0.00	N/A	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:18:50	DataFile Name :	003CALB.d

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

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:26:18	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.57	20.12	20.10	19.60	4.53	ppb
Antimony	121-1	1.96	2.00	1.88	1.94	3.01	ppb
Arsenic	75-2	0.66	0.93	1.07	0.89	23.36	ppb
Barium	135-1	9.83	10.43	9.63	9.96	4.16	ppb
Barium	137-1	9.86	10.61	10.05	10.17	3.84	ppb
Beryllium	9-1	1.02	1.12	1.06	1.07	4.47	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	22.77	24.83	24.63	24.08	4.71	ppb
Boron	11-1	22.45	23.47	24.24	23.39	3.84	ppb
Cadmium	111-1	1.08	1.07	1.01	1.06	3.36	ppb
Cadmium	106-1	2.02	1.65	0.45	1.38	59.63	ppb
Cadmium	108-1	0.92	0.96	0.79	0.89	9.69	ppb
Calcium	43-1	429.30	466.51	464.31	453.37	4.61	ppb
Calcium	44-1	448.31	458.61	451.95	452.96	1.15	ppb
Chromium	52-2	1.96	2.11	1.95	2.01	4.36	ppb
Cobalt	59-2	0.99	1.01	1.02	1.00	1.52	ppb
Copper	63-2	2.06	1.97	1.94	1.99	2.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	49.53	48.76	47.88	48.72	1.70	ppb
Iron	57-2	49.92	54.79	42.30	49.00	12.84	ppb
Krypton	83-1						ppb
Lead	206-1	0.94	0.99	0.93	0.95	3.09	ppb
Lead	207-1	0.97	0.99	0.92	0.96	4.03	ppb
Lead	208-1	0.95	0.99	0.93	0.95	3.12	ppb
Lithium	6-1				102		%
Magnesium	24-2	479.27	492.59	481.16	484.34	1.49	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:26:18	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.20	0.87	1.05	1.04	16.09	ppb
Molybdenum	94-1	4.76	4.67	4.77	4.74	1.19	ppb
Molybdenum	95-1	4.71	4.74	4.85	4.77	1.60	ppb
Molybdenum	96-1	4.76	4.79	4.92	4.82	1.75	ppb
Molybdenum	97-1	4.61	4.75	4.73	4.70	1.65	ppb
Molybdenum	98-1	4.74	4.82	4.85	4.80	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.90	1.13	1.02	1.01	11.50	ppb
Phosphorus	31-2	0.07	-0.18	-0.19	-0.10		ppb
Potassium	39-2	469.20	482.45	479.48	477.05	1.46	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	7.24	7.12	3.57	5.98	34.88	ppb
Selenium	78-2	7.06	9.33	4.58	6.99	33.93	ppb
Selenium	82-1	5.50	5.31	5.07	5.29	4.07	ppb
Silicon	28-1	12.65	15.61	15.38	14.55	11.32	ppb
Silver	109-1	0.97	1.05	0.98	1.00	3.93	ppb
Silver	107-1	0.98	1.05	1.02	1.02	3.61	ppb
Sodium	23-2	485.64	477.97	471.93	478.51	1.44	ppb
Strontium	86-1	0.92	0.95	0.93	0.93	1.75	ppb
Strontium	88-1	1.00	0.98	0.98	0.99	0.82	ppb
Sulfur	34-1	-459.47	148.92	-99.88	-136.81		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.93	0.93	0.98	0.95	2.76	ppb
Thallium	205-1	0.97	0.88	0.93	0.93	4.44	ppb
Tin	118-1	4.81	5.44	5.08	5.11	6.27	ppb
Titanium	47-1	5.14	5.27	5.02	5.14	2.42	ppb
Uranium	238-1	0.92	0.97	0.93	0.94	2.74	ppb
Vanadium	51-2	4.65	4.62	5.04	4.77	4.92	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	2.13	2.31	1.81	2.08	12.18	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:26:18	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.85	0.92	0.94	0.90	4.75	ppb
Zirconium	91-1	0.86	0.88	0.83	0.85	2.74	ppb

LB Number : LB98309 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-02 18:30:02 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	946.33	954.19	973.26	957.92	1.45	ppb
Antimony	121-1	51.97	51.15	50.05	51.06	1.89	ppb
Arsenic	75-2	49.91	51.28	52.76	51.32	2.79	ppb
Barium	135-1	267.52	256.72	253.38	259.20	2.85	ppb
Barium	137-1	269.10	259.30	252.24	260.22	3.26	ppb
Beryllium	9-1	54.14	53.26	50.73	52.71	3.35	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	49.27	48.49	49.93	49.23	1.46	ppb
Boron	11-1	51.07	50.61	49.33	50.34	1.79	ppb
Cadmium	111-1	54.22	51.80	50.78	52.27	3.38	ppb
Cadmium	106-1	55.45	54.49	51.80	53.91	3.50	ppb
Cadmium	108-1	56.69	52.07	53.30	54.02	4.44	ppb
Calcium	43-1	5057.45	4870.36	4675.00	4867.60	3.93	ppb
Calcium	44-1	5120.60	4865.61	4762.20	4916.14	3.75	ppb
Chromium	52-2	51.82	51.61	53.53	52.32	2.01	ppb
Cobalt	59-2	50.53	48.95	51.17	50.22	2.28	ppb
Copper	63-2	102.61	98.07	104.54	101.74	3.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	2514.26	2431.68	2551.88	2499.27	2.46	ppb
Iron	57-2	2487.53	2361.82	2544.63	2464.66	3.79	ppb
Krypton	83-1						ppb
Lead	206-1	49.87	49.10	47.66	48.88	2.30	ppb
Lead	207-1	50.08	48.23	46.94	48.42	3.25	ppb
Lead	208-1	49.93	48.93	47.25	48.71	2.78	ppb
Lithium	6-1				103		%
Magnesium	24-2	5018.00	4882.10	5141.61	5013.90	2.59	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:30:02	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	100.04	99.54	103.94	101.17	2.38	ppb
Molybdenum	94-1	256.70	252.43	246.99	252.04	1.93	ppb
Molybdenum	95-1	253.73	248.81	244.76	249.10	1.80	ppb
Molybdenum	96-1	255.15	250.10	245.92	250.39	1.85	ppb
Molybdenum	97-1	250.94	246.96	241.55	246.48	1.91	ppb
Molybdenum	98-1	256.17	251.66	247.89	251.91	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.63	53.22	55.17	53.67	2.48	ppb
Phosphorus	31-2	809.83	945.31	1008.16	921.10	11.00	ppb
Potassium	39-2	2489.21	2457.45	2581.39	2509.35	2.57	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	32.34	46.36	40.27	39.66	17.73	ppb
Selenium	78-2	55.70	48.12	54.29	52.70	7.64	ppb
Selenium	82-1	51.43	52.55	49.96	51.31	2.53	ppb
Silicon	28-1	63.24	59.45	57.47	60.05	4.89	ppb
Silver	109-1	54.85	53.35	51.83	53.35	2.83	ppb
Silver	107-1	55.84	53.77	52.92	54.18	2.77	ppb
Sodium	23-2	4972.57	4831.96	5117.31	4973.94	2.87	ppb
Strontium	86-1	51.24	49.70	48.66	49.87	2.61	ppb
Strontium	88-1	51.65	50.66	49.75	50.69	1.87	ppb
Sulfur	34-1	1524.35	832.73	478.64	945.24	56.27	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	50.07	49.30	47.01	48.80	3.27	ppb
Thallium	205-1	50.74	49.87	47.57	49.40	3.32	ppb
Tin	118-1	52.87	51.57	50.88	51.77	1.95	ppb
Titanium	47-1	262.02	248.73	244.21	251.66	3.68	ppb
Uranium	238-1	48.99	47.83	45.98	47.60	3.18	ppb
Vanadium	51-2	51.06	50.22	51.69	50.99	1.44	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	101.43	98.39	103.81	101.21	2.68	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:30:02	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	50.99	50.17	48.75	49.97	2.27	ppb
Zirconium	91-1	48.96	49.39	48.11	48.82	1.34	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:33:46	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2368.71	2385.49	2440.56	2398.25	1.57	ppb
Antimony	121-1	127.86	127.35	130.32	128.51	1.24	ppb
Arsenic	75-2	128.75	126.80	127.56	127.70	0.77	ppb
Barium	135-1	649.32	649.43	659.37	652.71	0.88	ppb
Barium	137-1	661.31	656.07	662.71	660.03	0.53	ppb
Beryllium	9-1	129.90	127.37	132.51	129.93	1.98	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	124.49	125.87	131.30	127.22	2.83	ppb
Boron	11-1	122.50	125.21	132.91	126.88	4.26	ppb
Cadmium	111-1	129.80	129.96	132.79	130.85	1.29	ppb
Cadmium	106-1	131.60	133.83	130.69	132.04	1.22	ppb
Cadmium	108-1	133.90	129.14	134.82	132.62	2.30	ppb
Calcium	43-1	12070.75	11942.78	12333.03	12115.52	1.64	ppb
Calcium	44-1	12059.80	11975.68	12397.38	12144.29	1.84	ppb
Chromium	52-2	131.00	132.19	135.08	132.76	1.58	ppb
Cobalt	59-2	125.22	125.42	128.66	126.44	1.53	ppb
Copper	63-2	251.14	254.69	256.99	254.27	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	6152.54	6167.40	6249.79	6189.91	0.85	ppb
Iron	57-2	6164.61	6158.30	6180.99	6167.97	0.19	ppb
Krypton	83-1						ppb
Lead	206-1	124.12	122.13	128.15	124.80	2.46	ppb
Lead	207-1	122.80	120.22	126.81	123.28	2.69	ppb
Lead	208-1	125.10	123.02	128.24	125.45	2.10	ppb
Lithium	6-1				102		%
Magnesium	24-2	12323.97	12331.69	12646.33	12434.00	1.48	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:33:46	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	249.71	251.55	259.20	253.49	1.98	ppb
Molybdenum	94-1	639.51	633.42	646.00	639.64	0.98	ppb
Molybdenum	95-1	637.93	627.71	637.44	634.36	0.91	ppb
Molybdenum	96-1	650.04	628.02	642.30	640.12	1.75	ppb
Molybdenum	97-1	632.90	633.84	633.31	633.35	0.07	ppb
Molybdenum	98-1	637.72	628.19	637.20	634.37	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.73	134.26	134.70	133.89	0.77	ppb
Phosphorus	31-2	2784.80	2650.35	2782.08	2739.08	2.81	ppb
Potassium	39-2	6103.86	6045.82	6209.48	6119.72	1.36	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	77-2	144.34	170.98	100.64	138.65	25.61	ppb
Selenium	78-2	132.90	129.74	130.73	131.12	1.23	ppb
Selenium	82-1	128.81	129.95	129.99	129.58	0.52	ppb
Silicon	28-1	148.24	146.15	154.56	149.65	2.93	ppb
Silver	109-1	132.79	132.26	135.38	133.48	1.25	ppb
Silver	107-1	134.22	133.26	136.29	134.59	1.15	ppb
Sodium	23-2	12533.69	12625.86	12930.14	12696.56	1.63	ppb
Strontium	86-1	124.96	124.16	127.05	125.39	1.19	ppb
Strontium	88-1	127.94	127.69	129.47	128.37	0.75	ppb
Sulfur	34-1	2279.06	2157.39	2756.93	2397.79	13.22	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	124.52	122.17	127.68	124.79	2.22	ppb
Thallium	205-1	128.12	124.93	130.02	127.69	2.01	ppb
Tin	118-1	130.97	128.71	131.12	130.26	1.04	ppb
Titanium	47-1	622.72	623.45	646.43	630.87	2.14	ppb
Uranium	238-1	123.57	122.61	126.62	124.27	1.69	ppb
Vanadium	51-2	125.50	127.07	129.45	127.34	1.56	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	308.07	306.04	315.37	309.83	1.58	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:33:46	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	128.74	126.19	129.52	128.15	1.36	ppb
Zirconium	91-1	124.28	123.56	125.14	124.32	0.64	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:37:21	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4929.90	4917.79	4663.96	4837.22	3.10	ppb
Antimony	121-1	260.57	258.37	258.50	259.15	0.48	ppb
Arsenic	75-2	262.08	263.28	255.10	260.15	1.70	ppb
Barium	135-1	1287.16	1278.82	1309.74	1291.91	1.24	ppb
Barium	137-1	1291.77	1280.29	1280.56	1284.20	0.51	ppb
Beryllium	9-1	258.29	256.93	253.67	256.30	0.93	ppb
Bismuth	209-1				103		%
Bismuth	209-2				92		%
Boron	10-1	243.86	247.39	256.62	249.29	2.64	ppb
Boron	11-1	246.46	255.73	257.64	253.28	2.36	ppb
Cadmium	111-1	258.58	255.69	257.03	257.10	0.56	ppb
Cadmium	106-1	261.10	261.07	263.56	261.91	0.55	ppb
Cadmium	108-1	261.41	254.81	259.27	258.50	1.30	ppb
Calcium	43-1	24527.47	24506.58	24374.05	24469.36	0.34	ppb
Calcium	44-1	24596.08	24552.23	24078.22	24408.84	1.18	ppb
Chromium	52-2	267.51	269.38	261.79	266.23	1.49	ppb
Cobalt	59-2	262.78	262.08	253.38	259.41	2.02	ppb
Copper	63-2	529.97	528.47	515.45	524.63	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				95		%
Indium	115-1				100		%
Indium	115-2				91		%
Iron	56-2	12700.69	12833.35	12326.14	12620.06	2.08	ppb
Iron	57-2	12775.76	12911.07	12361.44	12682.76	2.26	ppb
Krypton	83-1						ppb
Lead	206-1	250.82	249.23	250.09	250.04	0.32	ppb
Lead	207-1	249.69	246.06	248.37	248.04	0.74	ppb
Lead	208-1	253.62	250.34	251.40	251.79	0.67	ppb
Lithium	6-1				101		%
Magnesium	24-2	25524.23	25679.01	24712.59	25305.28	2.05	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:37:21	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	527.22	530.02	515.53	524.26	1.47	ppb
Molybdenum	94-1	1271.36	1263.04	1247.10	1260.50	0.98	ppb
Molybdenum	95-1	1259.62	1262.94	1252.82	1258.46	0.41	ppb
Molybdenum	96-1	1265.21	1263.65	1243.62	1257.49	0.96	ppb
Molybdenum	97-1	1270.93	1261.68	1260.20	1264.27	0.46	ppb
Molybdenum	98-1	1248.93	1258.36	1244.19	1250.50	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	268.95	270.10	264.73	267.93	1.06	ppb
Phosphorus	31-2	5339.66	5454.31	5694.47	5496.15	3.29	ppb
Potassium	39-2	12373.94	12567.14	12022.46	12321.18	2.24	ppb
Rhodium	103-1				99		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				90		%
Selenium	77-2	336.39	281.50	231.98	283.29	18.44	ppb
Selenium	78-2	271.97	267.06	270.11	269.71	0.92	ppb
Selenium	82-1	255.85	253.70	253.50	254.35	0.51	ppb
Silicon	28-1	266.75	271.76	267.66	268.72	0.99	ppb
Silver	109-1	268.39	266.01	266.81	267.07	0.45	ppb
Silver	107-1	268.16	265.00	267.62	266.93	0.63	ppb
Sodium	23-2	25692.47	26115.99	25054.27	25620.91	2.09	ppb
Strontium	86-1	251.51	253.43	248.66	251.20	0.96	ppb
Strontium	88-1	253.17	253.76	250.65	252.53	0.65	ppb
Sulfur	34-1	4769.47	4812.26	4496.92	4692.88	3.64	ppb
Terbium	159-1				104		%
Terbium	159-2				96		%
Thallium	203-1	253.90	255.11	256.84	255.28	0.58	ppb
Thallium	205-1	256.61	254.30	255.15	255.35	0.46	ppb
Tin	118-1	260.70	255.18	258.58	258.15	1.08	ppb
Titanium	47-1	1285.83	1295.67	1262.07	1281.19	1.35	ppb
Uranium	238-1	246.53	246.44	249.18	247.38	0.63	ppb
Vanadium	51-2	259.82	264.37	254.09	259.43	1.99	ppb
Yttrium	89-1				101		%
Yttrium	89-2				92		%
Zinc	66-2	695.83	708.26	677.57	693.88	2.22	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:37:21	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	255.02	254.78	252.39	254.06	0.57	ppb
Zirconium	91-1	250.15	249.53	247.68	249.12	0.51	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:40:51	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9447.10	9404.40	9396.54	9416.01	0.29	ppb
Antimony	121-1	505.31	499.61	484.65	496.52	2.15	ppb
Arsenic	75-2	499.93	502.84	502.75	501.84	0.33	ppb
Barium	135-1	2529.72	2492.57	2455.02	2492.43	1.50	ppb
Barium	137-1	2512.96	2482.60	2455.29	2483.61	1.16	ppb
Beryllium	9-1	491.59	498.23	494.76	494.86	0.67	ppb
Bismuth	209-1				104		%
Bismuth	209-2				91		%
Boron	10-1	489.29	490.54	500.74	493.52	1.27	ppb
Boron	11-1	480.14	494.85	500.58	491.86	2.14	ppb
Cadmium	111-1	498.51	495.86	485.93	493.43	1.34	ppb
Cadmium	106-1	495.28	497.56	487.20	493.35	1.10	ppb
Cadmium	108-1	506.26	505.40	491.76	501.14	1.62	ppb
Calcium	43-1	48556.86	48929.42	48193.60	48559.96	0.76	ppb
Calcium	44-1	48088.02	48189.97	48066.15	48114.71	0.14	ppb
Chromium	52-2	522.44	508.91	519.03	516.79	1.36	ppb
Cobalt	59-2	509.54	499.17	507.42	505.37	1.08	ppb
Copper	63-2	1036.51	1020.01	1030.44	1028.99	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				89		%
Iron	56-2	25073.50	24730.19	24822.34	24875.34	0.71	ppb
Iron	57-2	25086.40	24561.45	24822.86	24823.57	1.06	ppb
Krypton	83-1						ppb
Lead	206-1	504.72	501.33	480.83	495.63	2.61	ppb
Lead	207-1	504.20	503.22	484.68	497.37	2.21	ppb
Lead	208-1	502.85	499.06	480.35	494.09	2.44	ppb
Lithium	6-1				98		%
Magnesium	24-2	49735.30	49654.02	50072.55	49820.62	0.45	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:40:51	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1035.14	1009.23	1025.01	1023.13	1.28	ppb
Molybdenum	94-1	2519.03	2471.70	2448.40	2479.71	1.45	ppb
Molybdenum	95-1	2506.85	2500.10	2431.14	2479.36	1.69	ppb
Molybdenum	96-1	2519.82	2467.12	2430.07	2472.34	1.82	ppb
Molybdenum	97-1	2513.49	2455.83	2425.19	2464.84	1.82	ppb
Molybdenum	98-1	2535.54	2490.73	2424.90	2483.72	2.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.75	512.49	522.86	520.03	1.27	ppb
Phosphorus	31-2	10481.96	9899.72	10647.68	10343.12	3.80	ppb
Potassium	39-2	24228.37	23608.38	23814.18	23883.64	1.32	ppb
Rhodium	103-1				96		%
Rhodium	103-2				91		%
Scandium	45-1				96		%
Scandium	45-2				87		%
Selenium	77-2	576.74	437.51	575.92	530.06	15.12	ppb
Selenium	78-2	480.16	477.48	533.95	497.20	6.41	ppb
Selenium	82-1	509.73	498.30	490.88	499.64	1.90	ppb
Silicon	28-1	510.46	512.92	509.68	511.02	0.33	ppb
Silver	109-1	510.91	508.71	496.93	505.52	1.49	ppb
Silver	107-1	507.72	513.89	495.26	505.62	1.88	ppb
Sodium	23-2	49054.07	48241.59	48892.28	48729.31	0.88	ppb
Strontium	86-1	498.49	497.07	484.53	493.36	1.56	ppb
Strontium	88-1	504.95	498.20	487.03	496.73	1.82	ppb
Sulfur	34-1	9543.48	9690.72	9326.89	9520.37	1.92	ppb
Terbium	159-1				104		%
Terbium	159-2				96		%
Thallium	203-1	499.58	501.76	485.39	495.58	1.79	ppb
Thallium	205-1	502.03	497.42	477.73	492.40	2.62	ppb
Tin	118-1	507.08	504.01	496.39	502.49	1.09	ppb
Titanium	47-1	2500.15	2514.02	2500.21	2504.80	0.32	ppb
Uranium	238-1	493.55	490.47	480.39	488.14	1.41	ppb
Vanadium	51-2	509.41	501.46	508.44	506.44	0.86	ppb
Yttrium	89-1				100		%
Yttrium	89-2				90		%
Zinc	66-2	1072.01	1055.75	1078.28	1068.68	1.09	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:40:51	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	507.45	495.19	485.24	495.96	2.24	ppb
Zirconium	91-1	506.45	499.88	491.96	499.43	1.45	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:44:17	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18572.97	18130.91	18480.91	18394.93	1.27	ppb
Antimony	121-1	1002.73	998.77	995.38	998.96	0.37	ppb
Arsenic	75-2	995.60	991.49	1001.33	996.14	0.50	ppb
Barium	135-1	5039.34	5002.07	4926.74	4989.38	1.15	ppb
Barium	137-1	5029.74	5021.63	4932.88	4994.75	1.08	ppb
Beryllium	9-1	1011.52	1011.77	977.44	1000.24	1.97	ppb
Bismuth	209-1				102		%
Bismuth	209-2				90		%
Boron	10-1	995.14	1014.22	1000.24	1003.20	0.98	ppb
Boron	11-1	997.08	1013.44	998.61	1003.04	0.90	ppb
Cadmium	111-1	1008.04	1007.31	986.64	1000.66	1.21	ppb
Cadmium	106-1	1013.76	998.79	985.27	999.27	1.43	ppb
Cadmium	108-1	1006.71	1004.65	977.11	996.15	1.66	ppb
Calcium	43-1	99512.15	99796.78	97302.46	98870.46	1.38	ppb
Calcium	44-1	96695.06	97398.89	94761.93	96285.29	1.42	ppb
Chromium	52-2	999.49	963.08	996.81	986.46	2.06	ppb
Cobalt	59-2	996.31	981.77	1006.22	994.77	1.24	ppb
Copper	63-2	1999.68	1922.81	2013.70	1978.73	2.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				87		%
Iron	56-2	48525.69	47099.54	48695.36	48106.86	1.82	ppb
Iron	57-2	48662.33	47506.32	48624.49	48264.38	1.36	ppb
Krypton	83-1						ppb
Lead	206-1	991.78	1026.98	988.01	1002.26	2.14	ppb
Lead	207-1	996.10	1023.57	986.64	1002.10	1.91	ppb
Lead	208-1	994.26	1024.93	988.36	1002.52	1.96	ppb
Lithium	6-1				96		%
Magnesium	24-2	96855.95	92928.82	96417.70	95400.82	2.26	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:44:17	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1999.43	1950.76	1995.44	1981.88	1.36	ppb
Molybdenum	94-1	5026.81	5067.17	4922.79	5005.59	1.49	ppb
Molybdenum	95-1	5035.79	5064.68	4920.77	5007.08	1.52	ppb
Molybdenum	96-1	5057.55	5070.80	4901.80	5010.05	1.88	ppb
Molybdenum	97-1	5060.08	5069.18	4910.18	5013.15	1.78	ppb
Molybdenum	98-1	5041.33	5048.30	4930.61	5006.75	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	996.25	959.46	996.91	984.21	2.18	ppb
Phosphorus	31-2	20057.32	19419.86	19558.21	19678.46	1.70	ppb
Potassium	39-2	46512.80	45671.12	47084.80	46422.90	1.53	ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				88		%
Selenium	77-2	1021.77	909.68	994.91	975.45	6.00	ppb
Selenium	78-2	981.90	987.57	1017.22	995.56	1.91	ppb
Selenium	82-1	1002.60	1004.52	988.24	998.45	0.89	ppb
Silicon	28-1	984.01	1006.35	968.17	986.18	1.94	ppb
Silver	109-1	994.21	1000.73	980.30	991.75	1.05	ppb
Silver	107-1	999.10	999.78	975.77	991.55	1.38	ppb
Sodium	23-2	95047.33	92550.42	95173.85	94257.20	1.57	ppb
Strontium	86-1	997.06	1020.91	990.97	1002.98	1.58	ppb
Strontium	88-1	1005.42	1009.02	987.21	1000.55	1.17	ppb
Sulfur	34-1	20389.19	20628.54	19978.59	20332.11	1.62	ppb
Terbium	159-1				103		%
Terbium	159-2				96		%
Thallium	203-1	992.76	1024.62	985.55	1000.98	2.08	ppb
Thallium	205-1	990.37	1025.95	990.16	1002.16	2.06	ppb
Tin	118-1	994.33	1003.00	990.58	995.97	0.64	ppb
Titanium	47-1	5007.91	5017.81	4941.25	4988.99	0.83	ppb
Uranium	238-1	998.54	1033.71	988.14	1006.80	2.37	ppb
Vanadium	51-2	999.39	974.74	1008.12	994.08	1.74	ppb
Yttrium	89-1				99		%
Yttrium	89-2				90		%
Zinc	66-2	1925.14	1866.87	1936.93	1909.65	1.96	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:44:17	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1005.38	1011.81	984.65	1000.61	1.42	ppb
Zirconium	91-1	1014.01	1007.81	980.13	1000.65	1.80	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:47:39	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101834.41	96734.88	102602.26	100390.52	3.18	ppb
Antimony	121-1	3.41	3.32	3.27	3.33	2.05	ppb
Arsenic	75-2	1.82	1.63	1.68	1.71	5.68	ppb
Barium	135-1	1.65	1.62	1.60	1.62	1.59	ppb
Barium	137-1	1.63	1.65	1.63	1.64	0.59	ppb
Beryllium	9-1	0.68	0.56	0.48	0.57	17.65	ppb
Bismuth	209-1				95		%
Bismuth	209-2				82		%
Boron	10-1	47.70	43.99	40.89	44.19	7.71	ppb
Boron	11-1	46.83	42.46	39.69	43.00	8.37	ppb
Cadmium	111-1	0.25	0.16	0.17	0.19	25.70	ppb
Cadmium	106-1	0.58	-0.06	-0.24	0.09	466.07	ppb
Cadmium	108-1	0.37	0.34	0.23	0.31	23.53	ppb
Calcium	43-1	502815.71	501167.92	497238.65	500407.43	0.57	ppb
Calcium	44-1	504274.60	501458.11	497179.71	500970.81	0.71	ppb
Chromium	52-2	47.90	45.21	48.13	47.08	3.44	ppb
Cobalt	59-2	13.03	12.54	13.13	12.90	2.47	ppb
Copper	63-2	4.56	4.53	4.48	4.53	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				92		%
Indium	115-1				94		%
Indium	115-2				86		%
Iron	56-2	252993.35	241859.71	256306.74	250386.60	3.02	ppb
Iron	57-2	253784.31	241161.75	256128.04	250358.03	3.22	ppb
Krypton	83-1						ppb
Lead	206-1	1.18	1.14	1.10	1.14	3.41	ppb
Lead	207-1	1.09	1.03	1.03	1.05	3.34	ppb
Lead	208-1	1.09	1.07	1.07	1.08	1.18	ppb
Lithium	6-1				93		%
Magnesium	24-2	510548.00	481354.01	510870.10	500924.04	3.38	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:47:39	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	12.65	12.65	12.48	12.59	0.75	ppb
Molybdenum	94-1	6.35	6.50	5.93	6.26	4.75	ppb
Molybdenum	95-1	8.65	8.50	8.06	8.40	3.65	ppb
Molybdenum	96-1	8.91	8.76	8.17	8.62	4.54	ppb
Molybdenum	97-1	8.33	8.33	8.02	8.22	2.19	ppb
Molybdenum	98-1	8.43	8.24	8.12	8.27	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.17	36.68	38.86	37.90	2.94	ppb
Phosphorus	31-2	-14.43	1.67	19.47	2.24	757.73	ppb
Potassium	39-2	256021.04	239686.73	256809.85	250839.21	3.85	ppb
Rhodium	103-1				89		%
Rhodium	103-2				83		%
Scandium	45-1				95		%
Scandium	45-2				87		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.87	0.45	0.49	0.94	85.87	ppb
Selenium	82-1	0.67	-0.01	0.64	0.44	87.74	ppb
Silicon	28-1	28.22	28.06	28.48	28.25	0.76	ppb
Silver	109-1	0.14	0.12	0.12	0.13	9.75	ppb
Silver	107-1	0.14	0.13	0.14	0.14	5.08	ppb
Sodium	23-2	509743.38	483612.69	510363.78	501239.95	3.05	ppb
Strontium	86-1	4.42	4.47	4.39	4.43	0.93	ppb
Strontium	88-1	4.74	4.67	4.58	4.66	1.70	ppb
Sulfur	34-1	-1544.54	-1334.93	-1378.65	-1419.37		ppb
Terbium	159-1				101		%
Terbium	159-2				93		%
Thallium	203-1	0.54	0.54	0.46	0.52	9.63	ppb
Thallium	205-1	0.58	0.54	0.50	0.54	6.93	ppb
Tin	118-1	1.32	1.32	1.32	1.32	0.13	ppb
Titanium	47-1	1.57	1.21	1.25	1.34	14.62	ppb
Uranium	238-1	0.21	0.20	0.19	0.20	4.24	ppb
Vanadium	51-2	0.70	0.57	0.50	0.59	16.94	ppb
Yttrium	89-1				97		%
Yttrium	89-2				89		%
Zinc	66-2	140.59	133.13	139.69	137.81	2.95	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:47:39	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.28	0.27	0.24	0.26	7.84	ppb
Zirconium	91-1	0.25	0.27	0.21	0.24	10.96	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:00:04	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	439.84	444.92	443.92	442.90	0.61	ppb
Antimony	121-1	197.87	199.56	202.55	199.99	1.18	ppb
Arsenic	75-2	195.62	198.04	200.93	198.20	1.34	ppb
Barium	135-1	97.64	99.77	103.01	100.14	2.70	ppb
Barium	137-1	98.87	99.60	102.67	100.38	2.01	ppb
Beryllium	9-1	97.12	97.00	100.75	98.29	2.17	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	5.56	6.30	6.22	6.03	6.77	ppb
Boron	11-1	5.21	5.31	6.01	5.51	7.94	ppb
Cadmium	111-1	97.69	98.55	101.89	99.38	2.24	ppb
Cadmium	106-1	85.54	84.54	89.69	86.59	3.15	ppb
Cadmium	108-1	87.45	92.36	93.76	91.19	3.63	ppb
Calcium	43-1	1855.79	1853.13	1968.84	1892.58	3.49	ppb
Calcium	44-1	1865.44	1866.10	1981.98	1904.50	3.52	ppb
Chromium	52-2	94.11	93.81	98.62	95.51	2.82	ppb
Cobalt	59-2	95.99	98.11	99.83	97.97	1.96	ppb
Copper	63-2	96.45	99.77	101.26	99.16	2.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	939.92	960.00	988.80	962.91	2.55	ppb
Iron	57-2	942.75	992.43	971.11	968.76	2.57	ppb
Krypton	83-1						ppb
Lead	206-1	190.79	194.51	203.78	196.36	3.41	ppb
Lead	207-1	182.39	184.95	193.81	187.05	3.20	ppb
Lead	208-1	188.39	191.33	201.34	193.69	3.51	ppb
Lithium	6-1				103		%
Magnesium	24-2	1161.68	1174.02	1192.88	1176.19	1.34	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:00:04	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	95.67	94.82	99.11	96.53	2.35	ppb
Molybdenum	94-1	0.27	0.23	0.24	0.25	8.21	ppb
Molybdenum	95-1	0.14	0.16	0.16	0.15	7.24	ppb
Molybdenum	96-1	0.17	0.22	0.22	0.20	12.83	ppb
Molybdenum	97-1	0.13	0.14	0.11	0.13	11.07	ppb
Molybdenum	98-1	0.16	0.14	0.18	0.16	12.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.94	101.16	101.10	99.74	2.42	ppb
Phosphorus	31-2	-14.43	-14.43	0.63	-9.41		ppb
Potassium	39-2	1899.87	1914.83	1984.31	1933.00	2.33	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	176.04	181.95	174.69	177.56	2.17	ppb
Selenium	78-2	210.12	203.70	206.82	206.88	1.55	ppb
Selenium	82-1	196.08	195.33	205.24	198.88	2.77	ppb
Silicon	28-1	-6.58	-4.86	-2.50	-4.65		ppb
Silver	109-1	96.74	98.85	101.91	99.17	2.62	ppb
Silver	107-1	98.54	100.24	102.01	100.26	1.73	ppb
Sodium	23-2	1939.15	1968.78	1977.05	1961.66	1.02	ppb
Strontium	86-1	2.15	2.14	2.48	2.25	8.55	ppb
Strontium	88-1	2.28	2.27	2.38	2.31	2.57	ppb
Sulfur	34-1	-1509.61	-1328.05	-819.10	-1218.92		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	190.93	193.81	204.36	196.37	3.60	ppb
Thallium	205-1	195.20	198.21	207.02	200.14	3.07	ppb
Tin	118-1	0.12	0.11	0.06	0.10	31.73	ppb
Titanium	47-1	0.14	0.16	0.10	0.13	21.92	ppb
Uranium	238-1	874.63	881.28	938.84	898.25	3.93	ppb
Vanadium	51-2	95.02	98.22	100.93	98.06	3.02	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	183.17	184.89	191.68	186.58	2.41	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:00:04	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.09	0.08	0.08	5.71	ppb
Zirconium	91-1	0.14	0.12	0.14	0.13	8.09	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:04:07	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.68	20.49	22.25	21.81	5.32	ppb
Antimony	121-1	2.36	2.42	2.37	2.38	1.50	ppb
Arsenic	75-2	1.14	1.00	1.12	1.09	6.77	ppb
Barium	135-1	10.07	11.19	10.28	10.51	5.66	ppb
Barium	137-1	10.05	10.84	9.63	10.17	6.01	ppb
Beryllium	9-1	1.11	1.14	1.22	1.16	4.72	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	26.98	29.19	28.32	28.17	3.96	ppb
Boron	11-1	28.15	29.32	28.32	28.60	2.22	ppb
Cadmium	111-1	0.95	1.06	0.95	0.99	6.66	ppb
Cadmium	106-1	0.78	1.19	0.53	0.83	39.57	ppb
Cadmium	108-1	1.22	0.90	1.00	1.04	16.05	ppb
Calcium	43-1	488.45	499.01	450.11	479.19	5.37	ppb
Calcium	44-1	474.00	507.34	464.44	481.93	4.67	ppb
Chromium	52-2	1.94	2.08	2.03	2.01	3.57	ppb
Cobalt	59-2	0.93	0.98	1.02	0.98	4.89	ppb
Copper	63-2	1.97	1.95	2.02	1.98	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	49.18	51.58	49.97	50.24	2.44	ppb
Iron	57-2	51.71	53.05	50.76	51.84	2.22	ppb
Krypton	83-1						ppb
Lead	206-1	1.03	1.13	0.98	1.05	7.07	ppb
Lead	207-1	1.02	1.15	0.98	1.05	8.45	ppb
Lead	208-1	1.02	1.13	0.99	1.05	7.05	ppb
Lithium	6-1				100		%
Magnesium	24-2	490.65	499.89	488.51	493.01	1.23	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:04:07	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.90	1.18	0.92	1.00	15.63	ppb
Molybdenum	94-1	4.91	5.36	4.71	4.99	6.65	ppb
Molybdenum	95-1	4.92	5.54	4.98	5.15	6.64	ppb
Molybdenum	96-1	5.12	5.40	4.89	5.14	4.94	ppb
Molybdenum	97-1	4.85	5.35	4.97	5.06	5.19	ppb
Molybdenum	98-1	4.92	5.39	4.86	5.06	5.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	1.05	1.07	1.04	4.32	ppb
Phosphorus	31-2	-14.43	0.25	14.37	0.07	21609.85	ppb
Potassium	39-2	488.00	482.40	504.05	491.48	2.29	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	4.61	4.62	3.46	4.23	15.73	ppb
Selenium	82-1	5.30	5.86	5.00	5.39	8.06	ppb
Silicon	28-1	10.65	16.15	10.06	12.29	27.34	ppb
Silver	109-1	1.08	1.11	1.03	1.07	3.74	ppb
Silver	107-1	1.09	1.09	1.03	1.07	3.37	ppb
Sodium	23-2	503.00	508.32	485.45	498.92	2.40	ppb
Strontium	86-1	1.02	1.06	1.04	1.04	1.98	ppb
Strontium	88-1	1.01	1.11	1.00	1.04	5.74	ppb
Sulfur	34-1	-1124.42	-167.88	-1155.06	-815.78		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	1.05	1.16	0.99	1.07	8.22	ppb
Thallium	205-1	1.05	1.16	1.04	1.08	5.98	ppb
Tin	118-1	5.14	5.36	5.03	5.18	3.28	ppb
Titanium	47-1	5.19	5.19	5.10	5.16	0.95	ppb
Uranium	238-1	1.00	1.10	1.01	1.04	5.24	ppb
Vanadium	51-2	4.79	4.83	4.53	4.72	3.41	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	2.36	2.27	1.75	2.13	15.49	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:04:07	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.99	1.07	0.97	1.01	5.16	ppb
Zirconium	91-1	0.98	1.02	1.00	1.00	1.90	ppb

LB Number : LB98309 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-02 19:07:28 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.37	0.38	1.29	0.68	77.44	ppb
Antimony	121-1	0.13	0.14	0.11	0.13	9.46	ppb
Arsenic	75-2	0.02	0.07	0.05	0.05	64.17	ppb
Barium	135-1	0.03	0.00	0.02	0.02	73.25	ppb
Barium	137-1	0.04	0.04	0.00	0.03	77.61	ppb
Beryllium	9-1	0.07	0.15	0.11	0.11	33.59	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	5.93	5.83	3.55	5.10	26.43	ppb
Boron	11-1	5.04	4.66	4.30	4.67	7.93	ppb
Cadmium	111-1	-0.01	0.03	0.02	0.01	143.20	ppb
Cadmium	106-1	-0.11	0.31	0.12	0.11	197.12	ppb
Cadmium	108-1	0.03	0.00	-0.05	-0.01		ppb
Calcium	43-1	-1.26	-2.54	1.18	-0.87		ppb
Calcium	44-1	2.27	-0.60	0.73	0.80	179.88	ppb
Chromium	52-2	-0.01	-0.06	-0.03	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.01	0.01	59.01	ppb
Copper	63-2	0.00	0.05	0.02	0.02	110.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	1.13	1.07	1.41	1.20	15.00	ppb
Iron	57-2	0.52	0.84	0.91	0.76	27.55	ppb
Krypton	83-1						ppb
Lead	206-1	0.04	0.05	0.03	0.04	35.26	ppb
Lead	207-1	0.03	0.03	0.03	0.03	12.16	ppb
Lead	208-1	0.04	0.04	0.03	0.04	11.45	ppb
Lithium	6-1				103		%
Magnesium	24-2	6.73	6.61	4.88	6.07	17.09	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:07:28	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.03	-0.05	-0.01		ppb
Molybdenum	94-1	0.05	0.05	0.03	0.04	21.25	ppb
Molybdenum	95-1	0.07	0.06	0.05	0.06	19.01	ppb
Molybdenum	96-1	0.06	0.07	0.05	0.06	19.26	ppb
Molybdenum	97-1	0.06	0.05	0.04	0.05	22.14	ppb
Molybdenum	98-1	0.04	0.05	0.03	0.04	24.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.13	0.13	0.12	22.65	ppb
Phosphorus	31-2	-14.43	0.15	-14.43	-9.57		ppb
Potassium	39-2	13.55	-19.04	7.08	0.53	3262.58	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.20	-0.20	0.43	0.01	3891.85	ppb
Selenium	82-1	-0.18	0.39	0.00	0.07	417.98	ppb
Silicon	28-1	-5.75	-7.29	-8.44	-7.16		ppb
Silver	109-1	0.00	0.01	0.00	0.00	73.35	ppb
Silver	107-1	0.01	0.00	0.00	0.00	139.47	ppb
Sodium	23-2	15.42	21.29	20.90	19.20	17.10	ppb
Strontium	86-1	0.02	-0.03	-0.06	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	558.53	ppb
Sulfur	34-1	-579.00	-1024.62	-1306.04	-969.89		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.07	0.06	0.06	0.06	8.61	ppb
Thallium	205-1	0.06	0.05	0.05	0.06	9.55	ppb
Tin	118-1	0.03	0.07	0.03	0.04	57.52	ppb
Titanium	47-1	0.11	0.10	0.05	0.09	35.47	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	21.82	ppb
Vanadium	51-2	-0.01	0.01	-0.01	0.00		ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	-0.12	0.00	0.17	0.02	895.22	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:07:28	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.01	0.01	19.42	ppb
Zirconium	91-1	0.01	-0.01	-0.01	0.00		ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:10:50	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87559.87	86265.23	86688.35	86837.82	0.76	ppb
Antimony	121-1	1.15	1.13	1.22	1.17	3.84	ppb
Arsenic	75-2	0.26	0.30	0.21	0.25	18.29	ppb
Barium	135-1	1.44	1.50	1.45	1.46	2.15	ppb
Barium	137-1	1.42	1.43	1.50	1.45	3.10	ppb
Beryllium	9-1	0.31	0.35	0.35	0.34	6.49	ppb
Bismuth	209-1				101		%
Bismuth	209-2				90		%
Boron	10-1	6.44	7.33	7.06	6.94	6.63	ppb
Boron	11-1	6.20	6.69	7.27	6.72	8.02	ppb
Cadmium	111-1	0.37	0.24	0.48	0.36	33.50	ppb
Cadmium	106-1	1.04	-1.48	1.59	0.39	426.22	ppb
Cadmium	108-1	8.24	8.52	9.07	8.61	4.89	ppb
Calcium	43-1	93859.95	93079.26	99180.68	95373.29	3.48	ppb
Calcium	44-1	93248.87	91576.02	96370.50	93731.80	2.60	ppb
Chromium	52-2	22.99	22.04	22.89	22.64	2.31	ppb
Cobalt	59-2	1.23	1.17	1.20	1.20	2.48	ppb
Copper	63-2	7.75	7.80	7.39	7.65	2.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				92		%
Iron	56-2	96952.99	95864.35	95922.96	96246.77	0.64	ppb
Iron	57-2	98524.70	97071.65	96932.90	97509.75	0.90	ppb
Krypton	83-1						ppb
Lead	206-1	5.08	5.00	5.18	5.09	1.81	ppb
Lead	207-1	4.51	4.41	4.53	4.49	1.49	ppb
Lead	208-1	4.69	4.65	4.77	4.70	1.32	ppb
Lithium	6-1				98		%
Magnesium	24-2	97464.64	97750.22	96232.25	97149.04	0.83	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:10:50	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.72	7.68	7.66	7.69	0.42	ppb
Molybdenum	94-1	1317.45	1308.81	1363.08	1329.78	2.19	ppb
Molybdenum	95-1	1882.91	1870.85	1948.47	1900.74	2.20	ppb
Molybdenum	96-1	1818.39	1812.27	1906.62	1845.76	2.86	ppb
Molybdenum	97-1	1883.54	1873.39	1959.37	1905.43	2.47	ppb
Molybdenum	98-1	1888.04	1866.86	1941.98	1898.96	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.39	7.73	7.70	7.61	2.47	ppb
Phosphorus	31-2	100820.11	102321.03	101154.60	101431.91	0.78	ppb
Potassium	39-2	96964.35	95329.33	97036.79	96443.49	1.00	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				100		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.44	-0.20	-0.20	0.01	3043.83	ppb
Selenium	82-1	0.14	-0.40	0.01	-0.09		ppb
Silicon	28-1	26.26	24.90	30.98	27.38	11.65	ppb
Silver	109-1	0.05	0.06	0.08	0.06	28.64	ppb
Silver	107-1	0.05	0.06	0.08	0.07	21.11	ppb
Sodium	23-2	96659.87	96714.44	95543.89	96306.07	0.69	ppb
Strontium	86-1	32.04	32.78	33.46	32.76	2.18	ppb
Strontium	88-1	33.03	32.68	34.46	33.39	2.83	ppb
Sulfur	34-1	82208.82	80850.90	86099.75	83053.16	3.28	ppb
Terbium	159-1				105		%
Terbium	159-2				98		%
Thallium	203-1	0.14	0.17	0.20	0.17	18.64	ppb
Thallium	205-1	0.12	0.16	0.16	0.15	15.54	ppb
Tin	118-1	0.21	0.20	0.21	0.21	4.14	ppb
Titanium	47-1	1971.07	1930.28	2048.62	1983.32	3.03	ppb
Uranium	238-1	0.02	0.02	0.03	0.02	19.00	ppb
Vanadium	51-2	0.15	0.11	0.15	0.14	18.62	ppb
Yttrium	89-1				102		%
Yttrium	89-2				94		%
Zinc	66-2	10.59	11.16	10.69	10.81	2.82	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:10:50	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.30	0.26	0.24	0.26	10.42	ppb
Zirconium	91-1	0.30	0.25	0.20	0.25	19.59	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:14:07	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84008.43	82742.93	85447.98	84066.45	1.61	ppb
Antimony	121-1	20.70	20.48	20.36	20.51	0.85	ppb
Arsenic	75-2	19.85	19.40	19.52	19.59	1.20	ppb
Barium	135-1	21.58	20.94	20.83	21.12	1.91	ppb
Barium	137-1	21.70	21.22	21.20	21.37	1.32	ppb
Beryllium	9-1	20.80	20.24	19.92	20.32	2.19	ppb
Bismuth	209-1				101		%
Bismuth	209-2				90		%
Boron	10-1	5.16	5.15	5.85	5.39	7.45	ppb
Boron	11-1	5.41	5.45	5.21	5.36	2.39	ppb
Cadmium	111-1	19.66	19.57	18.91	19.38	2.13	ppb
Cadmium	106-1	16.39	16.24	15.29	15.98	3.75	ppb
Cadmium	108-1	26.34	24.86	24.35	25.18	4.10	ppb
Calcium	43-1	97472.78	93942.43	94014.44	95143.22	2.12	ppb
Calcium	44-1	95443.95	92798.78	92294.02	93512.25	1.81	ppb
Chromium	52-2	44.36	42.75	44.54	43.88	2.24	ppb
Cobalt	59-2	20.22	20.49	20.61	20.44	0.98	ppb
Copper	63-2	26.83	26.58	27.77	27.06	2.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	56-2	93098.87	92765.04	95348.03	93737.31	1.50	ppb
Iron	57-2	95145.39	94274.88	97068.74	95496.34	1.50	ppb
Krypton	83-1						ppb
Lead	206-1	25.43	24.73	24.63	24.93	1.75	ppb
Lead	207-1	23.44	22.84	22.61	22.97	1.87	ppb
Lead	208-1	24.29	23.38	23.39	23.69	2.21	ppb
Lithium	6-1				98		%
Magnesium	24-2	94888.48	92512.62	96796.18	94732.43	2.27	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:14:07	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.65	27.35	27.88	27.63	0.95	ppb
Molybdenum	94-1	1361.05	1314.95	1317.20	1331.07	1.95	ppb
Molybdenum	95-1	1930.50	1889.63	1874.33	1898.15	1.53	ppb
Molybdenum	96-1	1881.67	1822.68	1806.96	1837.10	2.14	ppb
Molybdenum	97-1	1940.64	1905.85	1872.78	1906.43	1.78	ppb
Molybdenum	98-1	1936.21	1885.79	1865.53	1895.85	1.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.39	27.69	28.50	28.19	1.57	ppb
Phosphorus	31-2	95583.84	94886.50	98561.37	96343.90	2.03	ppb
Potassium	39-2	94736.23	93749.61	96650.46	95045.43	1.55	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				93		%
Selenium	77-2	7.53	22.56	15.32	15.14	49.66	ppb
Selenium	78-2	23.09	18.03	20.30	20.47	12.36	ppb
Selenium	82-1	19.80	20.68	19.50	19.99	3.08	ppb
Silicon	28-1	29.82	28.53	27.19	28.51	4.61	ppb
Silver	109-1	18.66	18.24	18.10	18.33	1.60	ppb
Silver	107-1	18.95	18.19	18.29	18.47	2.24	ppb
Sodium	23-2	93847.84	92568.27	94952.87	93789.66	1.27	ppb
Strontium	86-1	33.37	32.84	33.57	33.26	1.13	ppb
Strontium	88-1	34.01	33.26	33.12	33.46	1.44	ppb
Sulfur	34-1	84351.96	81610.77	80366.16	82109.63	2.48	ppb
Terbium	159-1				105		%
Terbium	159-2				98		%
Thallium	203-1	20.25	19.76	19.37	19.80	2.23	ppb
Thallium	205-1	20.33	19.93	19.65	19.97	1.69	ppb
Tin	118-1	0.17	0.19	0.18	0.18	8.19	ppb
Titanium	47-1	2020.69	1965.28	1984.17	1990.05	1.42	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	11.61	ppb
Vanadium	51-2	19.29	20.14	20.02	19.81	2.32	ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	28.94	30.04	30.21	29.73	2.33	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:14:07	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.16	0.13	0.10	0.13	20.00	ppb
Zirconium	91-1	0.10	0.11	0.10	0.10	6.72	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:17:25	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50845.90	49069.88	51535.58	50483.79	2.52	ppb
Antimony	121-1	505.29	496.06	501.53	500.96	0.93	ppb
Arsenic	75-2	507.26	494.14	515.59	505.66	2.14	ppb
Barium	135-1	2546.07	2525.68	2551.34	2541.03	0.53	ppb
Barium	137-1	2529.63	2498.86	2530.39	2519.63	0.71	ppb
Beryllium	9-1	521.55	513.61	516.69	517.28	0.77	ppb
Bismuth	209-1				99		%
Bismuth	209-2				88		%
Boron	10-1	520.27	515.54	518.46	518.09	0.46	ppb
Boron	11-1	512.14	517.55	525.40	518.37	1.29	ppb
Cadmium	111-1	489.32	483.12	489.56	487.33	0.75	ppb
Cadmium	106-1	500.05	498.37	501.67	500.03	0.33	ppb
Cadmium	108-1	498.25	494.00	501.76	498.00	0.78	ppb
Calcium	43-1	242237.21	236870.27	239970.86	239692.78	1.12	ppb
Calcium	44-1	241948.65	234597.45	239267.50	238604.54	1.56	ppb
Chromium	52-2	529.11	507.11	532.12	522.78	2.61	ppb
Cobalt	59-2	501.29	482.33	502.70	495.44	2.30	ppb
Copper	63-2	993.68	946.54	993.86	978.02	2.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				90		%
Iron	56-2	122552.23	118048.83	123791.17	121464.08	2.49	ppb
Iron	57-2	124089.32	118281.34	126361.66	122910.77	3.39	ppb
Krypton	83-1						ppb
Lead	206-1	516.48	509.76	509.13	511.79	0.80	ppb
Lead	207-1	514.24	501.52	509.87	508.54	1.27	ppb
Lead	208-1	511.58	500.84	509.58	507.33	1.13	ppb
Lithium	6-1				96		%
Magnesium	24-2	241727.40	234487.00	245409.52	240541.30	2.31	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:17:25	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1015.59	980.17	1040.08	1011.95	2.98	ppb
Molybdenum	94-1	2529.97	2479.87	2541.45	2517.10	1.30	ppb
Molybdenum	95-1	2516.35	2458.24	2506.33	2493.64	1.25	ppb
Molybdenum	96-1	2529.21	2469.61	2527.07	2508.63	1.35	ppb
Molybdenum	97-1	2525.22	2475.93	2523.24	2508.13	1.11	ppb
Molybdenum	98-1	2530.73	2488.53	2543.66	2520.97	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.10	485.82	516.93	503.62	3.18	ppb
Phosphorus	31-2	10739.87	10342.49	10891.11	10657.82	2.66	ppb
Potassium	39-2	123981.09	120597.92	125942.05	123507.02	2.19	ppb
Rhodium	103-1				93		%
Rhodium	103-2				90		%
Scandium	45-1				98		%
Scandium	45-2				92		%
Selenium	77-2	445.60	449.93	426.35	440.62	2.85	ppb
Selenium	78-2	493.27	505.74	511.43	503.48	1.85	ppb
Selenium	82-1	497.45	478.91	496.50	490.95	2.13	ppb
Silicon	28-1	552.62	545.70	561.22	553.18	1.41	ppb
Silver	109-1	502.23	495.02	500.32	499.19	0.75	ppb
Silver	107-1	501.40	503.65	505.96	503.67	0.45	ppb
Sodium	23-2	242617.44	234192.31	246714.45	241174.73	2.65	ppb
Strontium	86-1	499.10	493.11	500.81	497.67	0.81	ppb
Strontium	88-1	500.76	497.33	500.78	499.62	0.40	ppb
Sulfur	34-1	9934.64	9294.60	9811.34	9680.20	3.51	ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	513.46	500.32	510.99	508.26	1.37	ppb
Thallium	205-1	511.18	498.28	509.87	506.45	1.40	ppb
Tin	118-1	511.92	505.94	505.08	507.65	0.73	ppb
Titanium	47-1	2581.38	2518.50	2563.01	2554.29	1.27	ppb
Uranium	238-1	520.80	510.17	516.01	515.66	1.03	ppb
Vanadium	51-2	520.01	495.10	519.14	511.42	2.76	ppb
Yttrium	89-1				100		%
Yttrium	89-2				94		%
Zinc	66-2	963.79	925.78	978.28	955.95	2.84	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:17:25	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	507.62	498.92	508.81	505.12	1.07	ppb
Zirconium	91-1	509.89	506.66	514.10	510.22	0.73	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:20:34	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.84	1.36	2.21	2.80	64.66	ppb
Antimony	121-1	0.98	0.92	0.87	0.92	5.57	ppb
Arsenic	75-2	0.13	0.08	0.06	0.09	36.00	ppb
Barium	135-1	0.11	0.10	0.10	0.10	8.30	ppb
Barium	137-1	0.11	0.07	0.05	0.08	37.50	ppb
Beryllium	9-1	0.25	0.19	0.19	0.21	16.28	ppb
Bismuth	209-1				107		%
Bismuth	209-2				98		%
Boron	10-1	17.29	15.81	15.23	16.11	6.61	ppb
Boron	11-1	16.60	14.81	13.91	15.11	9.07	ppb
Cadmium	111-1	0.06	0.09	0.09	0.08	23.19	ppb
Cadmium	106-1	0.41	0.71	0.71	0.61	27.79	ppb
Cadmium	108-1	-0.02	0.14	-0.02	0.03	303.73	ppb
Calcium	43-1	12.91	8.65	4.06	8.54	51.81	ppb
Calcium	44-1	11.30	8.79	7.29	9.13	22.24	ppb
Chromium	52-2	0.01	-0.01	-0.08	-0.03		ppb
Cobalt	59-2	0.01	0.01	0.02	0.01	57.18	ppb
Copper	63-2	0.12	0.09	0.06	0.09	34.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	7.81	7.12	6.94	7.29	6.28	ppb
Iron	57-2	4.54	7.86	7.14	6.51	26.81	ppb
Krypton	83-1						ppb
Lead	206-1	0.16	0.14	0.12	0.14	14.13	ppb
Lead	207-1	0.10	0.11	0.11	0.10	2.06	ppb
Lead	208-1	0.12	0.11	0.11	0.11	8.16	ppb
Lithium	6-1				103		%
Magnesium	24-2	9.97	5.85	13.05	9.62	37.55	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:20:34	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.03	0.04	0.03	38.59	ppb
Molybdenum	94-1	0.95	0.81	0.71	0.82	14.58	ppb
Molybdenum	95-1	0.98	0.84	0.75	0.86	13.71	ppb
Molybdenum	96-1	0.99	0.85	0.72	0.86	15.71	ppb
Molybdenum	97-1	1.02	0.83	0.68	0.84	20.49	ppb
Molybdenum	98-1	1.03	0.88	0.78	0.90	14.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	0.14	0.12	0.13	11.05	ppb
Phosphorus	31-2	0.89	-14.43	-14.43	-9.32		ppb
Potassium	39-2	36.48	19.86	7.07	21.14	69.75	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				94		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.30	1.06	0.42	1.26	75.78	ppb
Selenium	82-1	0.45	0.25	0.03	0.24	84.99	ppb
Silicon	28-1	-6.24	-7.00	-7.11	-6.78		ppb
Silver	109-1	0.04	0.05	0.04	0.04	18.54	ppb
Silver	107-1	0.05	0.05	0.04	0.05	17.02	ppb
Sodium	23-2	55.40	50.72	39.67	48.60	16.62	ppb
Strontium	86-1	-0.02	-0.03	0.00	-0.02		ppb
Strontium	88-1	0.02	0.01	0.01	0.02	12.90	ppb
Sulfur	34-1	-1699.41	-1650.08	-1751.32	-1700.27		ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.21	0.18	0.18	0.19	9.34	ppb
Thallium	205-1	0.24	0.19	0.19	0.21	13.57	ppb
Tin	118-1	0.24	0.27	0.17	0.23	22.19	ppb
Titanium	47-1	0.22	0.19	0.14	0.18	23.04	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	18.80	ppb
Vanadium	51-2	0.01	0.02	0.00	0.01	81.72	ppb
Yttrium	89-1				103		%
Yttrium	89-2				96		%
Zinc	66-2	0.18	0.31	0.22	0.24	29.50	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:20:34	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.12	0.11	0.11	0.11	6.22	ppb
Zirconium	91-1	0.09	0.12	0.09	0.10	13.11	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:23:56	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.21	21.44	23.37	21.34	9.76	ppb
Antimony	121-1	2.22	2.18	2.27	2.22	2.13	ppb
Arsenic	75-2	1.21	0.85	0.99	1.02	17.52	ppb
Barium	135-1	10.14	9.95	9.92	10.00	1.18	ppb
Barium	137-1	10.27	10.09	9.94	10.10	1.62	ppb
Beryllium	9-1	1.18	1.07	1.21	1.15	6.32	ppb
Bismuth	209-1				106		%
Bismuth	209-2				97		%
Boron	10-1	31.13	27.51	30.40	29.68	6.45	ppb
Boron	11-1	29.69	29.62	30.21	29.84	1.09	ppb
Cadmium	111-1	0.87	1.07	1.05	1.00	11.46	ppb
Cadmium	106-1	0.22	-0.27	0.76	0.24	215.13	ppb
Cadmium	108-1	1.14	1.02	1.12	1.09	5.98	ppb
Calcium	43-1	427.15	438.98	458.65	441.59	3.60	ppb
Calcium	44-1	456.41	458.95	467.56	460.98	1.27	ppb
Chromium	52-2	2.10	2.15	2.13	2.13	1.23	ppb
Cobalt	59-2	1.03	1.11	1.06	1.07	3.87	ppb
Copper	63-2	2.24	2.17	2.00	2.14	5.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	54.00	54.02	54.80	54.27	0.84	ppb
Iron	57-2	60.28	43.27	50.63	51.39	16.60	ppb
Krypton	83-1						ppb
Lead	206-1	1.02	1.05	1.10	1.06	3.70	ppb
Lead	207-1	1.04	1.11	1.07	1.07	3.14	ppb
Lead	208-1	1.02	1.08	1.07	1.05	2.83	ppb
Lithium	6-1				102		%
Magnesium	24-2	487.16	518.52	497.62	501.10	3.19	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:23:56	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.03	0.95	1.26	1.08	14.67	ppb
Molybdenum	94-1	5.52	5.58	5.55	5.55	0.57	ppb
Molybdenum	95-1	5.05	5.06	5.07	5.06	0.16	ppb
Molybdenum	96-1	5.20	5.08	5.36	5.21	2.68	ppb
Molybdenum	97-1	5.28	5.19	4.92	5.13	3.60	ppb
Molybdenum	98-1	5.20	5.13	5.08	5.14	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.26	1.14	1.16	7.73	ppb
Phosphorus	31-2	-14.43	-14.43	-14.43	-14.43		ppb
Potassium	39-2	475.28	507.52	486.74	489.85	3.34	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				94		%
Selenium	77-2	7.53	3.79	3.77	5.03	43.06	ppb
Selenium	78-2	6.72	7.41	5.48	6.54	14.95	ppb
Selenium	82-1	5.53	5.39	5.18	5.37	3.23	ppb
Silicon	28-1	8.76	8.67	10.27	9.23	9.74	ppb
Silver	109-1	1.06	1.05	0.97	1.03	4.82	ppb
Silver	107-1	0.98	1.09	1.02	1.03	5.43	ppb
Sodium	23-2	528.69	542.55	523.64	531.63	1.84	ppb
Strontium	86-1	0.93	0.95	1.07	0.99	7.51	ppb
Strontium	88-1	1.03	0.99	0.97	1.00	2.99	ppb
Sulfur	34-1	-1635.37	-1567.97	-1224.96	-1476.10		ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	1.03	1.04	1.06	1.04	1.58	ppb
Thallium	205-1	1.07	1.06	1.15	1.09	4.41	ppb
Tin	118-1	5.22	5.10	5.06	5.13	1.62	ppb
Titanium	47-1	5.05	5.01	5.20	5.08	1.96	ppb
Uranium	238-1	0.96	0.97	0.97	0.97	1.09	ppb
Vanadium	51-2	5.03	4.82	4.98	4.94	2.17	ppb
Yttrium	89-1				103		%
Yttrium	89-2				95		%
Zinc	66-2	2.26	2.08	2.42	2.25	7.58	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:23:56	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.23	1.22	1.18	1.21	2.10	ppb
Zirconium	91-1	1.15	1.18	1.21	1.18	2.51	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	J5079-06ARE	Instrumnet Name :	P8
Client Sample ID :	MYAK64A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:28:42	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	136.66	151.03	151.67	146.45	5.80	ppb
Antimony	121-1	0.20	0.22	0.21	0.21	5.27	ppb
Arsenic	75-2	7.93	8.33	7.61	7.96	4.48	ppb
Barium	135-1	37.61	38.06	37.47	37.71	0.83	ppb
Barium	137-1	37.94	37.51	38.42	37.95	1.20	ppb
Beryllium	9-1	0.04	0.08	0.10	0.07	46.69	ppb
Bismuth	209-1				114		%
Bismuth	209-2				105		%
Boron	10-1	284.94	284.21	294.79	287.98	2.05	ppb
Boron	11-1	284.10	290.30	302.44	292.28	3.19	ppb
Cadmium	111-1	-0.06	-0.04	0.05	-0.02		ppb
Cadmium	106-1	-0.86	-0.76	0.39	-0.41		ppb
Cadmium	108-1	0.12	0.17	0.07	0.12	40.29	ppb
Calcium	43-1	22239.47	22215.26	22341.03	22265.25	0.30	ppb
Calcium	44-1	22193.61	22346.06	22455.43	22331.70	0.59	ppb
Chromium	52-2	-0.03	0.13	0.01	0.04	213.24	ppb
Cobalt	59-2	0.18	0.19	0.20	0.19	5.89	ppb
Copper	63-2	1.19	1.22	1.21	1.21	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				104		%
Iron	56-2	214.32	218.54	215.51	216.13	1.01	ppb
Iron	57-2	214.03	217.61	221.24	217.63	1.66	ppb
Krypton	83-1						ppb
Lead	206-1	0.37	0.37	0.38	0.37	0.63	ppb
Lead	207-1	0.33	0.35	0.33	0.34	4.42	ppb
Lead	208-1	0.35	0.34	0.35	0.35	1.39	ppb
Lithium	6-1				110		%
Magnesium	24-2	6055.65	6193.76	6010.18	6086.53	1.57	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	J5079-06ARE	Instrumnet Name :	P8
Client Sample ID :	MYAK64A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:28:42	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	48.94	50.33	49.80	49.69	1.41	ppb
Molybdenum	94-1	4.91	5.06	4.95	4.97	1.59	ppb
Molybdenum	95-1	6.01	6.36	5.97	6.11	3.52	ppb
Molybdenum	96-1	6.16	6.12	6.02	6.10	1.20	ppb
Molybdenum	97-1	6.27	6.15	5.85	6.09	3.52	ppb
Molybdenum	98-1	6.03	6.09	6.03	6.05	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.46	0.59	0.47	0.51	13.63	ppb
Phosphorus	31-2	-0.48	28.73	27.85	18.70	88.84	ppb
Potassium	39-2	2616.58	2772.39	2676.04	2688.34	2.92	ppb
Rhodium	103-1				109		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				102		%
Selenium	77-2	10.27	3.47	0.00	4.58	114.12	ppb
Selenium	78-2	1.52	0.96	0.95	1.14	28.46	ppb
Selenium	82-1	0.27	0.62	0.22	0.37	59.91	ppb
Silicon	28-1	4917.17	4949.79	4962.55	4943.17	0.47	ppb
Silver	109-1	0.00	0.01	0.01	0.01	83.41	ppb
Silver	107-1	0.01	0.01	0.01	0.01	15.08	ppb
Sodium	23-2	28653.78	29442.85	29029.05	29041.89	1.36	ppb
Strontium	86-1	230.87	229.84	227.71	229.47	0.70	ppb
Strontium	88-1	235.08	234.40	230.67	233.38	1.02	ppb
Sulfur	34-1	9617.90	9725.73	9849.22	9730.95	1.19	ppb
Terbium	159-1				113		%
Terbium	159-2				107		%
Thallium	203-1	0.09	0.07	0.07	0.08	11.58	ppb
Thallium	205-1	0.07	0.07	0.05	0.06	10.58	ppb
Tin	118-1	0.11	0.13	0.11	0.12	13.37	ppb
Titanium	47-1	5.05	5.05	5.27	5.12	2.58	ppb
Uranium	238-1	8.74	8.81	8.80	8.78	0.43	ppb
Vanadium	51-2	2.82	3.06	2.98	2.95	4.08	ppb
Yttrium	89-1				112		%
Yttrium	89-2				104		%
Zinc	66-2	29.96	30.13	30.92	30.34	1.69	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	J5079-06ARE	Instrumnet Name :	P8
Client Sample ID :	MYAK64A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:28:42	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.46	3.90	0.41	1.59	125.94	ppb
Zirconium	91-1	0.39	0.46	0.41	0.42	7.94	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	J5079-06A	Instrumnet Name :	P8
Client Sample ID :	MYAK64A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:33:06	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	157.59	157.61	160.20	158.47	0.95	ppb
Antimony	121-1	0.16	0.16	0.19	0.17	11.92	ppb
Arsenic	75-2	7.88	8.42	7.44	7.91	6.18	ppb
Barium	135-1	38.62	38.25	39.61	38.83	1.81	ppb
Barium	137-1	38.33	38.88	39.89	39.03	2.03	ppb
Beryllium	9-1	0.06	0.04	0.04	0.05	26.02	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	287.17	303.85	320.45	303.82	5.48	ppb
Boron	11-1	294.14	305.82	323.43	307.80	4.79	ppb
Cadmium	111-1	-0.01	-0.01	0.03	0.00	478.29	ppb
Cadmium	106-1	-0.22	-0.39	0.13	-0.16		ppb
Cadmium	108-1	0.15	0.03	0.06	0.08	82.61	ppb
Calcium	43-1	22491.88	22492.19	23556.59	22846.89	2.69	ppb
Calcium	44-1	22302.04	22623.51	23560.10	22828.55	2.86	ppb
Chromium	52-2	0.08	0.07	0.14	0.10	39.36	ppb
Cobalt	59-2	0.20	0.19	0.23	0.21	8.07	ppb
Copper	63-2	1.27	1.20	1.24	1.24	2.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	217.39	220.80	214.13	217.44	1.53	ppb
Iron	57-2	228.25	222.34	209.18	219.92	4.44	ppb
Krypton	83-1						ppb
Lead	206-1	0.34	0.34	0.34	0.34	1.12	ppb
Lead	207-1	0.31	0.31	0.31	0.31	0.99	ppb
Lead	208-1	0.32	0.32	0.32	0.32	0.39	ppb
Lithium	6-1				104		%
Magnesium	24-2	6119.54	6136.08	5904.56	6053.39	2.13	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	J5079-06A	Instrumnet Name :	P8
Client Sample ID :	MYAK64A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:33:06	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	49.98	51.85	49.54	50.46	2.44	ppb
Molybdenum	94-1	4.84	4.81	5.18	4.94	4.17	ppb
Molybdenum	95-1	6.00	5.93	6.50	6.14	5.06	ppb
Molybdenum	96-1	6.04	5.80	6.34	6.06	4.46	ppb
Molybdenum	97-1	6.02	6.05	6.40	6.16	3.40	ppb
Molybdenum	98-1	6.19	6.05	6.39	6.21	2.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.68	0.63	0.70	0.67	5.46	ppb
Phosphorus	31-2	0.10	0.39	29.14	9.88	168.88	ppb
Potassium	39-2	2670.94	2695.18	2675.40	2680.51	0.48	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	77-2	3.55	0.00	0.00	1.18	173.21	ppb
Selenium	78-2	0.39	1.00	-0.20	0.40	151.48	ppb
Selenium	82-1	0.31	0.33	-0.45	0.07	679.12	ppb
Silicon	28-1	5070.85	4999.07	5262.20	5110.71	2.66	ppb
Silver	109-1	0.00	0.01	0.01	0.01	54.55	ppb
Silver	107-1	0.01	0.01	0.00	0.01	25.38	ppb
Sodium	23-2	29140.70	29568.81	28983.84	29231.12	1.04	ppb
Strontium	86-1	231.42	230.89	241.66	234.66	2.59	ppb
Strontium	88-1	234.55	233.84	244.58	237.66	2.53	ppb
Sulfur	34-1	10223.66	10338.53	11665.07	10742.42	7.46	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.07	0.07	0.09	0.07	16.24	ppb
Thallium	205-1	0.06	0.04	0.07	0.06	28.16	ppb
Tin	118-1	0.23	0.24	0.28	0.25	10.75	ppb
Titanium	47-1	5.13	5.41	7.32	5.95	20.07	ppb
Uranium	238-1	8.81	8.72	9.17	8.90	2.66	ppb
Vanadium	51-2	2.89	3.31	2.79	3.00	9.23	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	17.29	17.20	15.93	16.81	4.53	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	J5079-06A	Instrumnet Name :	P8
Client Sample ID :	MYAK64A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:33:06	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.42	0.35	0.41	0.39	9.72	ppb
Zirconium	91-1	0.38	0.38	0.42	0.39	5.02	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	J4925-06DLX25	Instrumnet Name :	P8
Client Sample ID :	S13-0252DL	Dilution Factor :	25
Date & Time Acquired ::	2018-10-02 19:36:27	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.05	1.93	2.54	1.84	40.60	ppb
Antimony	121-1	0.05	0.07	0.05	0.06	16.21	ppb
Arsenic	75-2	0.88	0.88	1.09	0.95	13.17	ppb
Barium	135-1	1.26	1.22	1.23	1.24	1.82	ppb
Barium	137-1	1.03	1.15	1.13	1.10	5.94	ppb
Beryllium	9-1	-0.01	0.03	0.05	0.03	116.14	ppb
Bismuth	209-1				106		%
Bismuth	209-2				96		%
Boron	10-1	21.32	17.98	19.99	19.76	8.49	ppb
Boron	11-1	20.50	18.57	17.35	18.81	8.45	ppb
Cadmium	111-1	-0.05	-0.02	-0.05	-0.04		ppb
Cadmium	106-1	-0.67	-0.20	-0.67	-0.51		ppb
Cadmium	108-1	0.03	0.14	0.03	0.07	92.37	ppb
Calcium	43-1	3833.48	3705.60	3818.33	3785.80	1.85	ppb
Calcium	44-1	3942.57	3798.33	3859.73	3866.88	1.87	ppb
Chromium	52-2	-0.01	0.03	0.03	0.02	122.75	ppb
Cobalt	59-2	0.30	0.29	0.34	0.31	8.25	ppb
Copper	63-2	0.17	0.13	0.14	0.15	12.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	56-2	971.45	972.45	970.69	971.53	0.09	ppb
Iron	57-2	970.50	965.93	939.67	958.70	1.74	ppb
Krypton	83-1						ppb
Lead	206-1	0.40	0.31	0.28	0.33	17.97	ppb
Lead	207-1	0.36	0.28	0.29	0.31	12.93	ppb
Lead	208-1	0.35	0.29	0.28	0.31	12.85	ppb
Lithium	6-1				103		%
Magnesium	24-2	1300.93	1326.73	1326.04	1317.90	1.12	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	J4925-06DLX25	Instrumnet Name :	P8
Client Sample ID :	S13-0252DL	Dilution Factor :	25
Date & Time Acquired ::	2018-10-02 19:36:27	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	466.32	466.87	467.25	466.81	0.10	ppb
Molybdenum	94-1	0.14	0.13	0.13	0.13	4.11	ppb
Molybdenum	95-1	0.13	0.19	0.15	0.16	17.97	ppb
Molybdenum	96-1	0.14	0.14	0.19	0.15	19.71	ppb
Molybdenum	97-1	0.17	0.17	0.16	0.17	3.71	ppb
Molybdenum	98-1	0.21	0.18	0.15	0.18	16.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.74	0.83	0.97	0.85	13.56	ppb
Phosphorus	31-2	0.89	0.93	-14.43	-4.20		ppb
Potassium	39-2	134.71	130.12	119.95	128.26	5.89	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				94		%
Selenium	77-2	3.75	0.00	0.00	1.25	173.21	ppb
Selenium	78-2	-0.20	-0.20	1.07	0.22	330.94	ppb
Selenium	82-1	0.09	0.05	-0.02	0.04	144.54	ppb
Silicon	28-1	513.96	497.98	508.94	506.96	1.61	ppb
Silver	109-1	0.04	0.06	0.05	0.05	19.40	ppb
Silver	107-1	0.03	0.06	0.04	0.04	34.29	ppb
Sodium	23-2	1674.55	1675.52	1666.60	1672.22	0.29	ppb
Strontium	86-1	22.02	21.06	21.37	21.48	2.28	ppb
Strontium	88-1	22.41	22.03	22.16	22.20	0.87	ppb
Sulfur	34-1	-1587.51	-1781.86	-1730.32	-1699.90		ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.09	0.09	0.10	0.09	5.31	ppb
Thallium	205-1	0.09	0.10	0.08	0.09	8.64	ppb
Tin	118-1	0.04	0.03	0.02	0.03	46.12	ppb
Titanium	47-1	0.16	0.11	0.08	0.11	36.21	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	8.70	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				103		%
Yttrium	89-2				95		%
Zinc	66-2	0.79	0.22	0.52	0.51	56.05	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	J4925-06DLX25	Instrumnet Name :	P8
Client Sample ID :	S13-0252DL	Dilution Factor :	25
Date & Time Acquired ::	2018-10-02 19:36:27	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.02	0.01	27.04	ppb
Zirconium	91-1	-0.02	-0.01	-0.01	-0.01		ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:39:48	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50992.65	50378.89	48949.49	50107.01	2.09	ppb
Antimony	121-1	506.90	488.61	504.24	499.92	1.98	ppb
Arsenic	75-2	517.85	511.84	501.02	510.24	1.67	ppb
Barium	135-1	2579.78	2493.79	2592.89	2555.49	2.11	ppb
Barium	137-1	2540.44	2483.57	2551.86	2525.29	1.45	ppb
Beryllium	9-1	523.41	508.01	516.83	516.08	1.50	ppb
Bismuth	209-1				101		%
Bismuth	209-2				88		%
Boron	10-1	522.88	516.55	534.75	524.73	1.76	ppb
Boron	11-1	516.93	518.91	539.32	525.05	2.36	ppb
Cadmium	111-1	490.90	479.27	495.59	488.59	1.72	ppb
Cadmium	106-1	495.26	486.43	506.46	496.05	2.02	ppb
Cadmium	108-1	497.96	492.09	508.50	499.52	1.66	ppb
Calcium	43-1	243077.52	231372.71	242128.56	238859.60	2.72	ppb
Calcium	44-1	241505.09	229988.49	238507.44	236667.01	2.52	ppb
Chromium	52-2	525.83	523.79	511.29	520.30	1.51	ppb
Cobalt	59-2	495.07	497.35	483.42	491.94	1.52	ppb
Copper	63-2	992.26	980.64	957.07	976.66	1.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				90		%
Iron	56-2	121943.75	121398.91	118768.52	120703.73	1.41	ppb
Iron	57-2	122793.90	122866.07	120423.66	122027.88	1.14	ppb
Krypton	83-1						ppb
Lead	206-1	518.30	496.18	513.22	509.23	2.28	ppb
Lead	207-1	520.15	497.02	516.07	511.08	2.42	ppb
Lead	208-1	515.10	495.23	514.74	508.36	2.24	ppb
Lithium	6-1				99		%
Magnesium	24-2	242970.67	243107.06	235827.99	240635.24	1.73	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:39:48	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1012.05	1010.29	989.08	1003.80	1.27	ppb
Molybdenum	94-1	2523.42	2449.80	2544.60	2505.94	1.99	ppb
Molybdenum	95-1	2533.32	2455.37	2524.89	2504.53	1.71	ppb
Molybdenum	96-1	2539.13	2467.95	2533.18	2513.42	1.57	ppb
Molybdenum	97-1	2533.69	2441.74	2510.04	2495.16	1.91	ppb
Molybdenum	98-1	2525.48	2468.67	2546.71	2513.62	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.53	505.35	487.40	497.43	1.84	ppb
Phosphorus	31-2	10092.37	10426.90	9501.22	10006.83	4.68	ppb
Potassium	39-2	124226.09	123914.63	121389.95	123176.89	1.26	ppb
Rhodium	103-1				95		%
Rhodium	103-2				90		%
Scandium	45-1				101		%
Scandium	45-2				94		%
Selenium	77-2	617.32	502.91	564.34	561.52	10.20	ppb
Selenium	78-2	529.56	503.89	527.54	520.33	2.74	ppb
Selenium	82-1	494.78	482.86	501.25	492.96	1.89	ppb
Silicon	28-1	548.91	529.38	557.41	545.23	2.64	ppb
Silver	109-1	502.07	491.08	509.15	500.76	1.82	ppb
Silver	107-1	501.99	490.78	506.61	499.79	1.63	ppb
Sodium	23-2	243712.81	243266.55	235708.67	240896.01	1.87	ppb
Strontium	86-1	500.30	486.84	502.05	496.40	1.68	ppb
Strontium	88-1	509.41	491.10	502.45	500.99	1.84	ppb
Sulfur	34-1	10301.87	9441.69	10114.32	9952.63	4.54	ppb
Terbium	159-1				105		%
Terbium	159-2				97		%
Thallium	203-1	517.39	499.10	519.59	512.03	2.20	ppb
Thallium	205-1	515.99	495.11	514.24	508.45	2.28	ppb
Tin	118-1	511.35	495.85	511.75	506.31	1.79	ppb
Titanium	47-1	2576.47	2459.79	2526.82	2521.03	2.32	ppb
Uranium	238-1	518.74	495.68	517.53	510.65	2.54	ppb
Vanadium	51-2	512.19	511.04	504.64	509.29	0.80	ppb
Yttrium	89-1				102		%
Yttrium	89-2				94		%
Zinc	66-2	954.42	949.55	919.03	941.00	2.04	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:39:48	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	510.25	491.91	507.85	503.34	1.98	ppb
Zirconium	91-1	513.32	492.74	501.87	502.64	2.05	ppb

LB Number : LB98309 Operator : Jaswal
 Lab Sample ID : CCB68 Instrumnet Name : P8
 Client Sample ID : CCB68 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-02 19:42:58 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.13	2.27	1.38	1.17	103.33	ppb
Antimony	121-1	1.04	0.91	0.89	0.95	8.39	ppb
Arsenic	75-2	0.06	0.06	0.08	0.07	14.28	ppb
Barium	135-1	0.08	0.08	0.05	0.07	19.70	ppb
Barium	137-1	0.06	0.07	0.04	0.06	28.24	ppb
Beryllium	9-1	0.18	0.20	0.22	0.20	9.17	ppb
Bismuth	209-1				108		%
Bismuth	209-2				97		%
Boron	10-1	19.80	19.65	17.14	18.86	7.92	ppb
Boron	11-1	20.22	19.08	17.07	18.79	8.48	ppb
Cadmium	111-1	0.05	-0.01	-0.01	0.01	289.24	ppb
Cadmium	106-1	0.13	-0.39	-0.40	-0.22		ppb
Cadmium	108-1	0.00	0.06	0.03	0.03	91.48	ppb
Calcium	43-1	7.55	4.23	2.63	4.80	52.26	ppb
Calcium	44-1	7.87	5.90	4.54	6.10	27.45	ppb
Chromium	52-2	-0.09	0.03	-0.02	-0.02		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.10	0.08	0.13	0.11	19.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				98		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	56-2	4.31	4.18	4.25	4.25	1.59	ppb
Iron	57-2	3.18	2.97	4.29	3.48	20.29	ppb
Krypton	83-1						ppb
Lead	206-1	0.11	0.10	0.10	0.11	6.77	ppb
Lead	207-1	0.12	0.08	0.09	0.10	19.89	ppb
Lead	208-1	0.11	0.09	0.09	0.10	12.64	ppb
Lithium	6-1				104		%
Magnesium	24-2	8.46	12.02	6.16	8.88	33.24	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:42:58	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.04	0.01	0.03	0.00		ppb
Molybdenum	94-1	0.83	0.73	0.64	0.73	12.71	ppb
Molybdenum	95-1	0.86	0.80	0.66	0.77	12.82	ppb
Molybdenum	96-1	0.85	0.74	0.62	0.74	15.78	ppb
Molybdenum	97-1	0.88	0.67	0.71	0.76	14.96	ppb
Molybdenum	98-1	0.87	0.84	0.65	0.79	14.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.30	0.26	0.24	0.27	9.95	ppb
Phosphorus	31-2	-14.43	1.12	-14.43	-9.25		ppb
Potassium	39-2	27.76	6.27	19.81	17.95	60.56	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				94		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.20	0.43	0.43	0.22	166.22	ppb
Selenium	82-1	0.23	0.25	0.36	0.28	25.75	ppb
Silicon	28-1	-7.15	-8.46	-7.66	-7.75		ppb
Silver	109-1	0.03	0.04	0.03	0.03	6.00	ppb
Silver	107-1	0.04	0.03	0.03	0.03	6.74	ppb
Sodium	23-2	43.53	46.03	46.13	45.23	3.25	ppb
Strontium	86-1	-0.01	-0.03	-0.05	-0.03		ppb
Strontium	88-1	0.02	0.01	0.01	0.01	39.55	ppb
Sulfur	34-1	-1314.86	-1475.36	-1355.29	-1381.83		ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	0.22	0.19	0.18	0.20	10.72	ppb
Thallium	205-1	0.20	0.18	0.17	0.18	9.38	ppb
Tin	118-1	0.26	0.29	0.21	0.25	15.25	ppb
Titanium	47-1	0.18	0.18	0.16	0.17	4.68	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	21.46	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				104		%
Yttrium	89-2				95		%
Zinc	66-2	0.03	0.00	0.10	0.04	118.10	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:42:58	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.12	0.13	0.10	0.11	10.78	ppb
Zirconium	91-1	0.12	0.09	0.11	0.11	11.51	ppb

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:18:50	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13	13	10	12	12.37	cps
Antimony	121-1	158	250	267	225	25.93	cps
Arsenic	75-2	4	2	6	4	50.09	cps
Barium	135-1	50	8	8	22	108.27	cps
Barium	137-1	50	67	42	53	24.12	cps
Beryllium	9-1	217	239	183	213	13.13	cps
Bismuth	209-1	5936114	5581430	5852051	5789865	3.20	cps
Bismuth	209-2	1830651	1789379	1814867	1811633	1.15	cps
Boron	10-1	375	375	258	336	20.04	cps
Boron	11-1	1742	1709	1567	1672	5.56	cps
Cadmium	111-1	1278	1018	1213	1170	11.59	cps
Cadmium	106-1	1800	1467	1725	1664	10.51	cps
Cadmium	108-1	4	25	4	11	108.21	cps
Calcium	43-1	617	467	408	497	21.62	cps
Calcium	44-1	13524	13332	13340	13399	0.81	cps
Chromium	52-2	417	477	500	464	9.26	cps
Cobalt	59-2	77	57	100	78	27.88	cps
Copper	63-2	333	300	283	306	8.33	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	17	25	36	74.18	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	42	42	42	42	0.00	cps
Gadolinium	160-2	0	7	7	4	86.60	cps
Holmium	165-1	9072418	8509636	8913653	8831902	3.29	cps
Holmium	165-2	2172744	2195076	2212021	2193280	0.90	cps
Indium	115-1	7504257	7026710	7329975	7286981	3.32	cps
Indium	115-2	369948	366476	368623	368349	0.48	cps
Iron	56-2	1217	1317	861	1132	21.16	cps
Iron	57-2	28	22	22	24	13.33	cps
Krypton	83-1	443	433	417	431	3.13	cps
Lead	206-1	272	383	283	313	19.55	cps
Lead	207-1	378	289	339	335	13.30	cps
Lead	208-1	1417	1422	1383	1407	1.49	cps
Lithium	6-1	1676409	1579675	1617256	1624447	3.00	cps
Magnesium	24-2	292	275	308	292	5.71	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:18:50	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	50	13	33	55.68	cps
Molybdenum	94-1	342	333	325	333	2.50	cps
Molybdenum	95-1	150	125	142	139	9.16	cps
Molybdenum	96-1	342	175	158	225	45.06	cps
Molybdenum	97-1	133	50	92	92	45.46	cps
Molybdenum	98-1	208	258	317	261	20.76	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	280	393	343	339	16.76	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	3434	3217	3351	3334	3.28	cps
Rhodium	103-1	7035535	6643813	7014298	6897882	3.19	cps
Rhodium	103-2	2037487	2033950	2046356	2039264	0.31	cps
Scandium	45-1	4709418	4372200	4596333	4559317	3.76	cps
Scandium	45-2	41501	39984	40796	40760	1.86	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-40	-1	1	-13	-169.28	cps
Silicon	28-1	276799	276323	279043	277388	0.52	cps
Silver	109-1	42	75	133	83	55.68	cps
Silver	107-1	125	67	92	94	30.99	cps
Sodium	23-2	7803	7444	7386	7544	2.99	cps
Strontium	86-1	742	683	633	686	7.90	cps
Strontium	88-1	142	150	233	175	28.96	cps
Sulfur	34-1	408343	408450	413379	410058	0.70	cps
Terbium	159-1	9526440	8972142	9312781	9270454	3.02	cps
Terbium	159-2	2119081	2101159	2136618	2118953	0.84	cps
Thallium	203-1	150	208	108	156	32.29	cps
Thallium	205-1	433	475	533	481	10.45	cps
Tin	118-1	1033	875	967	958	8.30	cps
Titanium	47-1	50	58	100	69	38.57	cps
Uranium	238-1	92	92	92	92	0.00	cps
Vanadium	51-2	13	10	13	12	15.73	cps
Yttrium	89-1	7751426	7335078	7692636	7593047	2.97	cps
Yttrium	89-2	276012	271424	274525	273987	0.85	cps
Zinc	66-2	70	127	113	103	28.67	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:18:50	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	633	642	675	650	3.39	cps
Zirconium	91-1	167	208	158	178	15.07	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:26:18	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	180	198	198	192	5.27	cps
Antimony	121-1	19415	18931	18397	18914	2.69	cps
Arsenic	75-2	85	120	137	114	23.18	cps
Barium	135-1	20191	20500	19507	20066	2.53	cps
Barium	137-1	35332	36401	35524	35752	1.59	cps
Beryllium	9-1	1917	2034	1956	1969	3.02	cps
Bismuth	209-1	5970968	5877608	5975713	5941430	0.93	cps
Bismuth	209-2	1787638	1798131	1788809	1791526	0.32	cps
Boron	10-1	4693	4984	4976	4884	3.40	cps
Boron	11-1	22251	22727	23553	22844	2.88	cps
Cadmium	111-1	3587	3422	3400	3470	2.94	cps
Cadmium	106-1	2200	2025	1817	2014	9.53	cps
Cadmium	108-1	154	154	133	147	8.17	cps
Calcium	43-1	11113	11639	11689	11480	2.78	cps
Calcium	44-1	195256	192907	191988	193384	0.87	cps
Chromium	52-2	2470	2667	2507	2548	4.11	cps
Cobalt	59-2	2237	2317	2347	2300	2.47	cps
Copper	63-2	4107	4017	3971	4032	1.72	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	50	42	42	44	10.82	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	58	67	75	67	12.49	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	9118567	8921079	9009335	9016327	1.10	cps
Holmium	165-2	2160313	2175655	2190194	2175387	0.69	cps
Indium	115-1	7542411	7343081	7368231	7417907	1.46	cps
Indium	115-2	371006	369006	369979	369997	0.27	cps
Iron	56-2	36493	36582	35980	36351	0.89	cps
Iron	57-2	922	1028	800	917	12.44	cps
Krypton	83-1	387	407	437	410	6.14	cps
Lead	206-1	6296	6463	6213	6324	2.01	cps
Lead	207-1	5946	5996	5657	5866	3.12	cps
Lead	208-1	25922	26578	25528	26009	2.04	cps
Lithium	6-1	1679239	1646023	1655758	1660340	1.03	cps
Magnesium	24-2	19356	20240	19798	19798	2.23	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:26:18	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	400	303	360	354	13.70	cps
Molybdenum	94-1	16686	16227	16661	16525	1.56	cps
Molybdenum	95-1	20115	20099	20675	20296	1.62	cps
Molybdenum	96-1	22469	22453	23154	22692	1.76	cps
Molybdenum	97-1	12348	12615	12648	12537	1.31	cps
Molybdenum	98-1	32222	32506	32916	32548	1.07	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	907	1073	1000	993	8.41	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	13332	13857	13807	13665	2.12	cps
Rhodium	103-1	7161250	6997347	7126289	7094962	1.22	cps
Rhodium	103-2	2032699	2030684	2022360	2028581	0.27	cps
Scandium	45-1	4783088	4626911	4667796	4692599	1.73	cps
Scandium	45-2	40532	41254	41297	41028	1.05	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	22	30	15	22	33.32	cps
Selenium	82-1	759	727	697	727	4.29	cps
Silicon	28-1	349964	351807	353900	351890	0.56	cps
Silver	109-1	9962	10246	9937	10049	1.71	cps
Silver	107-1	10371	10663	10671	10569	1.62	cps
Sodium	23-2	50733	50942	50449	50708	0.49	cps
Strontium	86-1	3192	3251	3209	3217	0.93	cps
Strontium	88-1	23245	22803	22812	22953	1.10	cps
Sulfur	34-1	411194	416902	412692	413596	0.72	cps
Terbium	159-1	9700173	9286299	9567713	9518062	2.22	cps
Terbium	159-2	2156073	2148654	2100319	2135015	1.42	cps
Thallium	203-1	7544	7386	7886	7605	3.36	cps
Thallium	205-1	18523	16729	17922	17724	5.15	cps
Tin	118-1	32841	35490	34178	34170	3.88	cps
Titanium	47-1	6152	6102	5868	6040	2.50	cps
Uranium	238-1	23089	23940	23398	23476	1.84	cps
Vanadium	51-2	3531	3574	3901	3668	5.52	cps
Yttrium	89-1	7904907	7839202	7882148	7875419	0.42	cps
Yttrium	89-2	272156	276620	275426	274734	0.84	cps
Zinc	66-2	510	553	457	507	9.56	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:26:18	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12982	13766	14125	13624	4.29	cps
Zirconium	91-1	2959	2992	2859	2937	2.36	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:30:02	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8622	8908	8652	8727	1.80	cps
Antimony	121-1	485944	497496	495752	493064	1.26	cps
Arsenic	75-2	6196	6415	6431	6347	2.07	cps
Barium	135-1	523801	522864	525610	524091	0.27	cps
Barium	137-1	918972	921094	912578	917548	0.48	cps
Beryllium	9-1	87526	88699	85206	87144	2.04	cps
Bismuth	209-1	5785803	5897166	6151332	5944767	3.15	cps
Bismuth	209-2	1783109	1806135	1728574	1772606	2.25	cps
Boron	10-1	9478	9612	9970	9687	2.63	cps
Boron	11-1	47070	48065	47288	47474	1.10	cps
Cadmium	111-1	114634	113993	113825	114151	0.37	cps
Cadmium	106-1	13741	14075	13716	13844	1.45	cps
Cadmium	108-1	8415	8040	8382	8279	2.51	cps
Calcium	43-1	118549	118967	116951	118155	0.90	cps
Calcium	44-1	1971184	1952221	1956787	1960064	0.50	cps
Chromium	52-2	53696	54797	54111	54201	1.03	cps
Cobalt	59-2	110998	110158	109674	110276	0.61	cps
Copper	63-2	190716	186773	189591	189027	1.07	cps
Dysprosium	156-1	17	58	33	36	58.08	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	58	50	25	44	39.04	cps
Erbium	164-2	13	3	10	9	57.30	cps
Gadolinium	160-1	67	67	83	72	13.33	cps
Gadolinium	160-2	7	17	3	9	78.08	cps
Holmium	165-1	8935566	9181449	9380154	9165723	2.43	cps
Holmium	165-2	2197555	2224933	2154853	2192447	1.61	cps
Indium	115-1	7280617	7422059	7639422	7447366	2.43	cps
Indium	115-2	364126	369003	360248	364459	1.20	cps
Iron	56-2	1802182	1785874	1784766	1790941	0.54	cps
Iron	57-2	44934	43713	44850	44499	1.53	cps
Krypton	83-1	490	380	447	439	12.63	cps
Lead	206-1	305928	306967	310816	307903	0.84	cps
Lead	207-1	281049	275892	280130	279024	0.99	cps
Lead	208-1	1253631	1252077	1261358	1255689	0.40	cps
Lithium	6-1	1632762	1681646	1695847	1670085	1.98	cps
Magnesium	24-2	200554	199927	200503	200328	0.17	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:30:02	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30724	31322	31148	31065	0.99	cps
Molybdenum	94-1	857341	854768	858455	856855	0.22	cps
Molybdenum	95-1	1048203	1042132	1052238	1047525	0.49	cps
Molybdenum	96-1	1161767	1154527	1165228	1160507	0.47	cps
Molybdenum	97-1	649869	648435	650975	649760	0.20	cps
Molybdenum	98-1	1682450	1675737	1694286	1684158	0.56	cps
Neodymium	150-1	27	53	7	29	81.04	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	33811	35024	34566	34467	1.78	cps
Phosphorus	31-2	475	567	575	539	10.30	cps
Potassium	39-2	56640	57335	57192	57056	0.64	cps
Rhodium	103-1	6880832	7011643	7223589	7038688	2.46	cps
Rhodium	103-2	2012253	2006376	1991749	2003459	0.53	cps
Scandium	45-1	4524986	4714644	4827536	4689055	3.26	cps
Scandium	45-2	40662	41662	39676	40667	2.44	cps
Selenium	77-2	30	43	37	37	18.18	cps
Selenium	78-2	172	150	165	162	6.97	cps
Selenium	82-1	7027	7279	7102	7136	1.81	cps
Silicon	28-1	553165	558991	563111	558422	0.89	cps
Silver	109-1	531531	537802	532110	533814	0.65	cps
Silver	107-1	559981	560850	562283	561038	0.21	cps
Sodium	23-2	451612	449848	453271	451577	0.38	cps
Strontium	86-1	135636	133414	134070	134373	0.85	cps
Strontium	88-1	1165627	1159114	1168402	1164381	0.41	cps
Sulfur	34-1	450023	446721	445798	447514	0.50	cps
Terbium	159-1	9258592	9630686	9808961	9566080	2.94	cps
Terbium	159-2	2143601	2153986	2088740	2128776	1.65	cps
Thallium	203-1	383298	384660	382571	383510	0.28	cps
Thallium	205-1	917921	919546	914968	917478	0.25	cps
Tin	118-1	335296	340264	341904	339155	1.01	cps
Titanium	47-1	293320	290121	291664	291702	0.55	cps
Uranium	238-1	1185057	1179389	1182720	1182389	0.24	cps
Vanadium	51-2	38777	39078	38303	38719	1.01	cps
Yttrium	89-1	7695349	7801912	8008067	7835109	2.03	cps
Yttrium	89-2	274091	276141	269095	273109	1.33	cps
Zinc	66-2	19507	19390	19477	19458	0.31	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:30:02	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	715199	713352	711538	713363	0.26	cps
Zirconium	91-1	154397	157914	157880	156730	1.29	cps

LB Number : LB98309 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-02 18:33:46 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21056	20978	21026	21020	0.19	cps
Antimony	121-1	1233101	1239818	1245534	1239485	0.50	cps
Arsenic	75-2	15514	15214	15262	15330	1.05	cps
Barium	135-1	1311742	1324353	1320024	1318706	0.49	cps
Barium	137-1	2329980	2333345	2313861	2325729	0.45	cps
Beryllium	9-1	214107	210408	211716	212077	0.88	cps
Bismuth	209-1	5933942	6067723	5819981	5940549	2.09	cps
Bismuth	209-2	1764614	1746556	1752570	1754580	0.52	cps
Boron	10-1	23921	24238	24438	24199	1.08	cps
Boron	11-1	112875	115596	118570	115680	2.46	cps
Cadmium	111-1	281489	284498	285357	283781	0.72	cps
Cadmium	106-1	31296	32098	30811	31402	2.07	cps
Cadmium	108-1	20491	19948	20445	20295	1.48	cps
Calcium	43-1	292055	289707	287206	289656	0.84	cps
Calcium	44-1	4784878	4763822	4734098	4760933	0.54	cps
Chromium	52-2	131857	131622	131757	131745	0.09	cps
Cobalt	59-2	268461	266016	267326	267268	0.46	cps
Copper	63-2	455357	456842	451588	454596	0.60	cps
Dysprosium	156-1	50	25	33	36	35.25	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	67	17	42	42	60.00	cps
Erbium	164-2	7	13	3	8	65.47	cps
Gadolinium	160-1	92	100	67	86	20.15	cps
Gadolinium	160-2	10	7	23	13	66.12	cps
Holmium	165-1	9134810	9167987	9051577	9118125	0.66	cps
Holmium	165-2	2166729	2137243	2161369	2155114	0.73	cps
Indium	115-1	7349152	7404163	7302746	7352020	0.69	cps
Indium	115-2	356700	352838	355313	354950	0.55	cps
Iron	56-2	4304378	4268659	4237698	4270245	0.78	cps
Iron	57-2	108694	107422	105625	107247	1.44	cps
Krypton	83-1	400	360	323	361	10.62	cps
Lead	206-1	780339	785193	790215	785249	0.63	cps
Lead	207-1	706339	707143	715399	709627	0.71	cps
Lead	208-1	3219014	3236751	3236479	3230748	0.31	cps
Lithium	6-1	1666881	1670689	1615815	1651128	1.86	cps
Magnesium	24-2	480513	475675	477885	478025	0.51	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:33:46	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	74836	74581	75285	74900	0.48	cps
Molybdenum	94-1	2145154	2137453	2149734	2144114	0.29	cps
Molybdenum	95-1	2647231	2620432	2624243	2630635	0.55	cps
Molybdenum	96-1	2972967	2889487	2914291	2925582	1.47	cps
Molybdenum	97-1	1646407	1658736	1634438	1646527	0.74	cps
Molybdenum	98-1	4207134	4169104	4170361	4182199	0.52	cps
Neodymium	150-1	67	67	67	67	0.00	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	82754	82807	81389	82317	0.98	cps
Phosphorus	31-2	1575	1483	1525	1528	3.00	cps
Potassium	39-2	130896	128296	129004	129398	1.04	cps
Rhodium	103-1	6937780	6996248	6891051	6941693	0.76	cps
Rhodium	103-2	1964889	1983409	1980620	1976306	0.51	cps
Scandium	45-1	4682005	4694050	4506531	4627529	2.27	cps
Scandium	45-2	39703	39278	38479	39153	1.59	cps
Selenium	77-2	130	153	90	124	25.74	cps
Selenium	78-2	398	387	389	391	1.52	cps
Selenium	82-1	17698	17962	17719	17793	0.82	cps
Silicon	28-1	958431	951381	950131	953314	0.47	cps
Silver	109-1	1327513	1334750	1341192	1334485	0.51	cps
Silver	107-1	1388582	1391702	1397299	1392528	0.32	cps
Sodium	23-2	1100282	1096475	1099892	1098883	0.19	cps
Strontium	86-1	331286	331130	334141	332186	0.51	cps
Strontium	88-1	2899988	2911675	2911449	2907704	0.23	cps
Sulfur	34-1	489657	487035	485943	487545	0.39	cps
Terbium	159-1	9552733	9642901	9466623	9554086	0.92	cps
Terbium	159-2	2073124	2088285	2103789	2088399	0.73	cps
Thallium	203-1	977314	980487	982874	980225	0.28	cps
Thallium	205-1	2376271	2369394	2365204	2370290	0.24	cps
Tin	118-1	855569	848755	848833	851052	0.46	cps
Titanium	47-1	721200	723896	720597	721898	0.24	cps
Uranium	238-1	3065783	3110408	3081086	3085759	0.73	cps
Vanadium	51-2	93046	93201	93019	93089	0.11	cps
Yttrium	89-1	7730483	7776823	7669216	7725508	0.70	cps
Yttrium	89-2	266119	264996	264245	265120	0.36	cps
Zinc	66-2	57643	56652	57188	57161	0.87	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:33:46	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1812853	1787631	1809423	1803302	0.76	cps
Zirconium	91-1	393408	393467	392979	393285	0.07	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:37:21	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40237	39888	38712	39612	2.02	cps
Antimony	121-1	2517785	2532291	2522038	2524038	0.30	cps
Arsenic	75-2	29879	29611	29424	29638	0.77	cps
Barium	135-1	2605479	2625711	2676905	2636032	1.40	cps
Barium	137-1	4560345	4584617	4564667	4569876	0.28	cps
Beryllium	9-1	416708	415305	412093	414702	0.57	cps
Bismuth	209-1	5977495	6017654	5975736	5990295	0.40	cps
Bismuth	209-2	1671578	1648500	1667651	1662576	0.74	cps
Boron	10-1	45565	46309	48266	46713	2.99	cps
Boron	11-1	220694	229365	232228	227429	2.64	cps
Cadmium	111-1	560707	562389	562770	561955	0.20	cps
Cadmium	106-1	60528	61390	61675	61198	0.98	cps
Cadmium	108-1	40072	39621	40131	39941	0.70	cps
Calcium	43-1	572077	567371	571419	570289	0.45	cps
Calcium	44-1	9401913	9315898	9251472	9323094	0.81	cps
Chromium	52-2	246851	247031	245682	246521	0.30	cps
Cobalt	59-2	517326	512740	507276	512447	0.98	cps
Copper	63-2	882224	874239	872609	876357	0.59	cps
Dysprosium	156-1	67	42	25	44	47.19	cps
Dysprosium	156-2	0	13	7	7	99.98	cps
Erbium	164-1	67	25	42	44	47.19	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	33	75	67	58	37.80	cps
Gadolinium	160-2	13	10	10	11	17.30	cps
Holmium	165-1	9161250	9217041	9331090	9236460	0.94	cps
Holmium	165-2	2078181	2068105	2090254	2078846	0.53	cps
Indium	115-1	7257129	7301710	7349980	7302940	0.64	cps
Indium	115-2	336549	333474	337108	335710	0.58	cps
Iron	56-2	8159639	8193533	8053322	8135498	0.90	cps
Iron	57-2	206862	207752	203548	206054	1.08	cps
Krypton	83-1	367	383	390	380	3.16	cps
Lead	206-1	1588168	1588741	1583086	1586665	0.20	cps
Lead	207-1	1446411	1434991	1438379	1439927	0.41	cps
Lead	208-1	6572506	6531089	6512867	6538820	0.47	cps
Lithium	6-1	1632417	1635521	1643751	1637230	0.36	cps
Magnesium	24-2	913734	913551	899689	908991	0.89	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:37:21	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	145080	144943	144269	144764	0.30	cps
Molybdenum	94-1	4263624	4187663	4193213	4214833	1.00	cps
Molybdenum	95-1	5226176	5180492	5211565	5206078	0.45	cps
Molybdenum	96-1	5785361	5712632	5701503	5733165	0.79	cps
Molybdenum	97-1	3305582	3244300	3286259	3278714	0.96	cps
Molybdenum	98-1	8237897	8205937	8228104	8223979	0.20	cps
Neodymium	150-1	133	187	100	140	31.23	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	153694	153390	153852	153645	0.15	cps
Phosphorus	31-2	2767	2809	3000	2859	4.35	cps
Potassium	39-2	240647	242837	237862	240449	1.04	cps
Rhodium	103-1	6814476	6773837	6852887	6813733	0.58	cps
Rhodium	103-2	1882728	1859851	1892668	1878416	0.90	cps
Scandium	45-1	4517405	4484059	4540585	4514016	0.63	cps
Scandium	45-2	36464	36237	37082	36594	1.20	cps
Selenium	77-2	287	237	200	241	18.04	cps
Selenium	78-2	770	746	774	764	1.97	cps
Selenium	82-1	35163	34472	34930	34855	1.01	cps
Silicon	28-1	1444067	1455192	1455508	1451589	0.45	cps
Silver	109-1	2688420	2702826	2698564	2696603	0.27	cps
Silver	107-1	2779713	2786343	2801113	2789057	0.39	cps
Sodium	23-2	2064374	2085231	2047402	2065669	0.92	cps
Strontium	86-1	665993	663435	660152	663194	0.44	cps
Strontium	88-1	5737595	5685586	5695376	5706186	0.48	cps
Sulfur	34-1	548912	546164	543317	546131	0.51	cps
Terbium	159-1	9571877	9709120	9664799	9648599	0.73	cps
Terbium	159-2	2038835	2010314	2052745	2033965	1.06	cps
Thallium	203-1	2007230	2030299	2029834	2022454	0.65	cps
Thallium	205-1	4793824	4782458	4765014	4780432	0.30	cps
Tin	118-1	1705482	1693353	1708059	1702298	0.46	cps
Titanium	47-1	1436748	1437053	1417437	1430413	0.79	cps
Uranium	238-1	6161119	6200307	6225541	6195655	0.52	cps
Vanadium	51-2	176904	178883	175936	177241	0.85	cps
Yttrium	89-1	7729333	7641623	7749549	7706835	0.74	cps
Yttrium	89-2	251813	248426	254764	251668	1.26	cps
Zinc	66-2	119459	120834	118299	119531	1.06	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:37:21	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3589870	3545840	3562181	3565963	0.62	cps
Zirconium	91-1	791534	780627	785793	785985	0.69	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:40:51	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	74630	75784	74469	74961	0.96	cps
Antimony	121-1	4871956	4831008	4797502	4833489	0.77	cps
Arsenic	75-2	56046	56374	56442	56287	0.38	cps
Barium	135-1	5109739	5049284	5091217	5083413	0.61	cps
Barium	137-1	8852590	8770973	8880318	8834627	0.64	cps
Beryllium	9-1	778457	780403	781352	780070	0.19	cps
Bismuth	209-1	5939981	5973647	6152138	6021922	1.89	cps
Bismuth	209-2	1629410	1668730	1667802	1655314	1.36	cps
Boron	10-1	89427	88682	91264	89791	1.48	cps
Boron	11-1	420546	428677	437199	428807	1.94	cps
Cadmium	111-1	1077542	1074931	1078422	1076965	0.17	cps
Cadmium	106-1	113037	113879	114190	113702	0.52	cps
Cadmium	108-1	77429	77522	77220	77390	0.20	cps
Calcium	43-1	1101603	1100193	1095345	1099047	0.30	cps
Calcium	44-1	17874956	17753740	17899185	17842627	0.44	cps
Chromium	52-2	466296	463348	464748	464797	0.32	cps
Cobalt	59-2	970964	970299	970040	970434	0.05	cps
Copper	63-2	1669988	1676408	1665550	1670649	0.33	cps
Dysprosium	156-1	67	125	100	97	30.10	cps
Dysprosium	156-2	10	7	17	11	45.82	cps
Erbium	164-1	42	8	25	25	66.68	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	58	92	42	64	39.85	cps
Gadolinium	160-2	20	7	20	16	49.47	cps
Holmium	165-1	9073156	9196733	9331995	9200628	1.41	cps
Holmium	165-2	2113183	2097117	2086401	2098900	0.64	cps
Indium	115-1	7020339	7124705	7135252	7093432	0.90	cps
Indium	115-2	329208	329673	329222	329367	0.08	cps
Iron	56-2	15592477	15687715	15485928	15588707	0.65	cps
Iron	57-2	393182	392683	390303	392056	0.39	cps
Krypton	83-1	443	373	367	394	10.77	cps
Lead	206-1	3175519	3172076	3133294	3160296	0.74	cps
Lead	207-1	2902063	2912875	2889390	2901443	0.41	cps
Lead	208-1	12947973	12923214	12810290	12893825	0.57	cps
Lithium	6-1	1602689	1585300	1598362	1595450	0.57	cps
Magnesium	24-2	1723275	1754995	1740537	1739603	0.91	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:40:51	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	275710	274207	273889	274602	0.35	cps
Molybdenum	94-1	8127492	8084168	8191680	8134447	0.66	cps
Molybdenum	95-1	10006819	10116726	10063372	10062306	0.55	cps
Molybdenum	96-1	11085565	11002539	11085990	11058031	0.43	cps
Molybdenum	97-1	6289666	6229659	6293096	6270807	0.57	cps
Molybdenum	98-1	16090528	16022907	15957342	16023593	0.42	cps
Neodymium	150-1	180	213	300	231	26.80	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	290006	288919	289892	289606	0.21	cps
Phosphorus	31-2	5251	5059	5351	5221	2.84	cps
Potassium	39-2	453355	450697	447087	450380	0.70	cps
Rhodium	103-1	6508116	6644494	6722527	6625045	1.64	cps
Rhodium	103-2	1858365	1850714	1867347	1858809	0.45	cps
Scandium	45-1	4395888	4356848	4403848	4385528	0.57	cps
Scandium	45-2	35298	36006	35411	35572	1.07	cps
Selenium	77-2	483	367	483	444	15.16	cps
Selenium	78-2	1337	1330	1489	1385	6.49	cps
Selenium	82-1	67413	66805	67319	67179	0.49	cps
Silicon	28-1	2444516	2433202	2445598	2441105	0.28	cps
Silver	109-1	5106854	5099510	5099673	5102012	0.08	cps
Silver	107-1	5251674	5330902	5259568	5280714	0.83	cps
Sodium	23-2	3809465	3821684	3809131	3813426	0.19	cps
Strontium	86-1	1269295	1283060	1279401	1277252	0.56	cps
Strontium	88-1	11009897	11011833	11011902	11011211	0.01	cps
Sulfur	34-1	676792	675142	671535	674490	0.40	cps
Terbium	159-1	9551506	9579170	9806462	9645713	1.45	cps
Terbium	159-2	2037198	2043698	2049019	2043305	0.29	cps
Thallium	203-1	3924546	3964012	3949263	3945940	0.51	cps
Thallium	205-1	9319198	9285956	9184877	9263343	0.76	cps
Tin	118-1	3309352	3298820	3326098	3311423	0.42	cps
Titanium	47-1	2718379	2709185	2723366	2716977	0.26	cps
Uranium	238-1	12257037	12249463	12356383	12287628	0.49	cps
Vanadium	51-2	335745	337137	336178	336353	0.21	cps
Yttrium	89-1	7436542	7538522	7711485	7562183	1.84	cps
Yttrium	89-2	247634	247642	247987	247754	0.08	cps
Zinc	66-2	178107	178927	179724	178919	0.45	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:40:51	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6872130	6798133	6814379	6828214	0.57	cps
Zirconium	91-1	1541667	1542545	1552939	1545717	0.41	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:44:17	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	146893	148224	145916	147011	0.79	cps
Antimony	121-1	9650900	9602204	9715617	9656241	0.59	cps
Arsenic	75-2	111228	111781	110848	111286	0.42	cps
Barium	135-1	10161265	10074926	10074644	10103611	0.49	cps
Barium	137-1	17687965	17639880	17592557	17640134	0.27	cps
Beryllium	9-1	1551310	1537670	1531778	1540253	0.65	cps
Bismuth	209-1	5952331	5804022	6040753	5932369	2.02	cps
Bismuth	209-2	1623817	1650563	1621838	1632072	0.98	cps
Boron	10-1	175840	177586	180599	178008	1.35	cps
Boron	11-1	844193	850270	863948	852804	1.19	cps
Cadmium	111-1	2173925	2169951	2157867	2167248	0.39	cps
Cadmium	106-1	229180	225572	225938	226897	0.88	cps
Cadmium	108-1	153693	153208	151283	152728	0.83	cps
Calcium	43-1	2219470	2207731	2197908	2208369	0.49	cps
Calcium	44-1	35330479	35298385	35066527	35231797	0.41	cps
Chromium	52-2	892813	889268	888900	890327	0.24	cps
Cobalt	59-2	1900828	1936152	1916459	1917813	0.92	cps
Copper	63-2	3225545	3205981	3242614	3224713	0.57	cps
Dysprosium	156-1	158	117	158	144	16.66	cps
Dysprosium	156-2	7	20	10	12	56.76	cps
Erbium	164-1	25	67	67	53	45.58	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	167	100	108	125	29.06	cps
Gadolinium	160-2	13	23	23	20	28.87	cps
Holmium	165-1	9207857	9182581	9326487	9238975	0.83	cps
Holmium	165-2	2068580	2112131	2052355	2077689	1.49	cps
Indium	115-1	6944668	6941148	7032155	6972657	0.74	cps
Indium	115-2	319239	322651	317722	319870	0.79	cps
Iron	56-2	30213016	30312287	30266869	30264058	0.16	cps
Iron	57-2	763612	770567	761715	765298	0.61	cps
Krypton	83-1	427	353	333	371	13.24	cps
Lead	206-1	6252558	6313178	6321358	6295698	0.60	cps
Lead	207-1	5744948	5756305	5774923	5758725	0.26	cps
Lead	208-1	25653056	25785261	25879582	25772633	0.44	cps
Lithium	6-1	1552391	1538368	1586292	1559017	1.58	cps
Magnesium	24-2	3359856	3332156	3338942	3343651	0.43	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:44:17	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	533178	537714	531206	534033	0.62	cps
Molybdenum	94-1	16279583	16316666	16244363	16280204	0.22	cps
Molybdenum	95-1	20177529	20177509	20089707	20148248	0.25	cps
Molybdenum	96-1	22333668	22264433	22055402	22217834	0.65	cps
Molybdenum	97-1	12709872	12660094	12566692	12645553	0.57	cps
Molybdenum	98-1	32112841	31973771	32001774	32029462	0.23	cps
Neodymium	150-1	387	447	433	422	7.46	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	550996	548521	550420	549979	0.24	cps
Phosphorus	31-2	10054	10062	9787	9968	1.57	cps
Potassium	39-2	868751	881801	877897	876150	0.76	cps
Rhodium	103-1	6485942	6459835	6544873	6496884	0.67	cps
Rhodium	103-2	1828486	1849922	1815586	1831331	0.95	cps
Scandium	45-1	4322567	4287444	4377762	4329258	1.05	cps
Scandium	45-2	35341	36531	35281	35718	1.97	cps
Selenium	77-2	853	767	823	814	5.40	cps
Selenium	78-2	2724	2765	2797	2762	1.31	cps
Selenium	82-1	133110	132604	133685	133133	0.41	cps
Silicon	28-1	4389468	4446727	4378266	4404821	0.83	cps
Silver	109-1	9920360	9974403	9919852	9938205	0.32	cps
Silver	107-1	10316455	10311989	10217991	10282145	0.54	cps
Sodium	23-2	7384205	7432448	7381397	7399350	0.39	cps
Strontium	86-1	2547713	2593760	2580067	2573846	0.92	cps
Strontium	88-1	22004833	21957570	22015124	21992509	0.14	cps
Sulfur	34-1	984165	983143	984514	983940	0.07	cps
Terbium	159-1	9534988	9524418	9669764	9576390	0.85	cps
Terbium	159-2	2015541	2051585	2018521	2028549	0.99	cps
Thallium	203-1	7814802	7864643	7873323	7850923	0.40	cps
Thallium	205-1	18421792	18608085	18691540	18573806	0.74	cps
Tin	118-1	6477108	6526350	6543892	6515783	0.53	cps
Titanium	47-1	5354134	5321128	5350329	5341863	0.34	cps
Uranium	238-1	24849437	25083864	24955941	24963081	0.47	cps
Vanadium	51-2	659482	664869	664103	662818	0.44	cps
Yttrium	89-1	7464618	7422030	7605841	7497496	1.28	cps
Yttrium	89-2	246784	249038	244533	246785	0.91	cps
Zinc	66-2	320171	320935	321581	320896	0.22	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:44:17	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13666147	13675085	13637562	13659598	0.14	cps
Zirconium	91-1	3098197	3061704	3051337	3070412	0.80	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:47:39	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	790740	790421	796709	792624	0.45	cps
Antimony	121-1	32642	31622	31313	31859	2.18	cps
Arsenic	75-2	200	189	183	191	4.45	cps
Barium	135-1	3309	3234	3201	3248	1.71	cps
Barium	137-1	5727	5752	5710	5729	0.37	cps
Beryllium	9-1	1211	1022	933	1056	13.44	cps
Bismuth	209-1	5489049	5500457	5553556	5514354	0.62	cps
Bismuth	209-2	1476209	1533217	1440773	1483400	3.14	cps
Boron	10-1	8461	7769	7469	7900	6.44	cps
Boron	11-1	39890	36038	34843	36924	7.14	cps
Cadmium	111-1	1717	1523	1536	1592	6.80	cps
Cadmium	106-1	1817	1667	1634	1706	5.73	cps
Cadmium	108-1	67	63	46	58	18.90	cps
Calcium	43-1	11168883	11173224	11226220	11189442	0.29	cps
Calcium	44-1	183479537	183125846	183866221	183490535	0.20	cps
Chromium	52-2	42387	42127	42588	42367	0.55	cps
Cobalt	59-2	24465	24779	24665	24636	0.64	cps
Copper	63-2	7485	7822	7362	7557	3.15	cps
Dysprosium	156-1	125	100	100	108	13.33	cps
Dysprosium	156-2	13	17	27	19	36.75	cps
Erbium	164-1	33	75	33	47	50.95	cps
Erbium	164-2	3	10	13	9	57.30	cps
Gadolinium	160-1	117	92	75	94	22.21	cps
Gadolinium	160-2	27	20	13	20	33.35	cps
Holmium	165-1	9056158	8946237	9081897	9028097	0.80	cps
Holmium	165-2	2028392	2049248	1958784	2012141	2.35	cps
Indium	115-1	6844499	6799382	6886758	6843546	0.64	cps
Indium	115-2	310630	326826	309281	315579	3.09	cps
Iron	56-2	154654842	155580087	156681659	155638863	0.65	cps
Iron	57-2	3910015	3909832	3946158	3922002	0.53	cps
Krypton	83-1	413	490	400	434	11.18	cps
Lead	206-1	7158	6919	6785	6954	2.71	cps
Lead	207-1	6113	5824	5840	5926	2.74	cps
Lead	208-1	27340	26901	27107	27116	0.81	cps
Lithium	6-1	1503923	1492698	1539162	1511928	1.60	cps
Magnesium	24-2	17387929	17250917	17399049	17345965	0.48	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:47:39	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3340	3514	3297	3384	3.39	cps
Molybdenum	94-1	20675	21109	19473	20419	4.15	cps
Molybdenum	95-1	34411	33768	32340	33506	3.16	cps
Molybdenum	96-1	39133	38414	36200	37915	4.03	cps
Molybdenum	97-1	20775	20733	20166	20558	1.66	cps
Molybdenum	98-1	53381	52084	51834	52433	1.58	cps
Neodymium	150-1	127	147	167	147	13.64	cps
Neodymium	150-2	13	10	13	12	15.73	cps
Nickel	60-2	21006	21253	21380	21213	0.90	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	4682287	4612966	4696746	4664000	0.96	cps
Rhodium	103-1	6169764	6103007	6158621	6143797	0.58	cps
Rhodium	103-2	1678112	1759741	1659380	1699078	3.14	cps
Scandium	45-1	4305696	4321531	4376339	4334522	0.86	cps
Scandium	45-2	34700	36514	34700	35305	2.97	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	2	2	3	69.39	cps
Selenium	82-1	76	-13	72	45	112.87	cps
Silicon	28-1	380057	380802	387425	382761	1.06	cps
Silver	109-1	1458	1250	1242	1317	9.32	cps
Silver	107-1	1492	1392	1534	1472	4.95	cps
Sodium	23-2	38854899	38791064	38902518	38849494	0.14	cps
Strontium	86-1	11822	11939	11856	11872	0.51	cps
Strontium	88-1	102819	100956	100209	101328	1.33	cps
Sulfur	34-1	338398	345799	348884	344360	1.57	cps
Terbium	159-1	9424652	9376306	9407632	9402863	0.26	cps
Terbium	159-2	1954847	2029393	1915484	1966574	2.94	cps
Thallium	203-1	4101	4109	3517	3909	8.68	cps
Thallium	205-1	10338	9762	9162	9754	6.03	cps
Tin	118-1	9462	9395	9445	9434	0.37	cps
Titanium	47-1	1734	1358	1417	1503	13.43	cps
Uranium	238-1	4859	4609	4534	4668	3.65	cps
Vanadium	51-2	463	397	337	399	15.88	cps
Yttrium	89-1	7382400	7368082	7443232	7397904	0.54	cps
Yttrium	89-2	239219	251476	236817	242504	3.24	cps
Zinc	66-2	23039	22963	22892	22965	0.32	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 18:47:39	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4368	4251	3876	4165	6.17	cps
Zirconium	91-1	917	975	825	906	8.35	cps

LB Number : LB98309 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-02 19:00:04 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4049	3977	3889	3972	2.02	cps
Antimony	121-1	1972912	1966411	1941643	1960322	0.84	cps
Arsenic	75-2	24283	24270	24108	24220	0.40	cps
Barium	135-1	203955	205963	206869	205595	0.73	cps
Barium	137-1	360228	358626	359628	359494	0.23	cps
Beryllium	9-1	164259	161164	162753	162726	0.95	cps
Bismuth	209-1	6263171	6207382	5885872	6118809	3.33	cps
Bismuth	209-2	1808037	1829032	1748944	1795337	2.31	cps
Boron	10-1	1433	1550	1492	1492	3.91	cps
Boron	11-1	6610	6585	7027	6741	3.68	cps
Cadmium	111-1	219342	218670	219913	219308	0.28	cps
Cadmium	106-1	21651	21168	21743	21521	1.44	cps
Cadmium	108-1	13841	14446	14266	14184	2.19	cps
Calcium	43-1	46194	45525	46436	46052	1.02	cps
Calcium	44-1	766057	756302	770872	764410	0.97	cps
Chromium	52-2	97993	94842	97712	96849	1.80	cps
Cobalt	59-2	212623	210995	210447	211355	0.54	cps
Copper	63-2	180860	181640	180695	181065	0.28	cps
Dysprosium	156-1	17	33	8	19	65.48	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	75	25	50	50.00	cps
Erbium	164-2	40	17	17	24	55.10	cps
Gadolinium	160-1	125	58	33	72	65.61	cps
Gadolinium	160-2	10	7	7	8	24.71	cps
Holmium	165-1	9479836	9310427	9121423	9303895	1.93	cps
Holmium	165-2	2201925	2212799	2152340	2189021	1.47	cps
Indium	115-1	7659086	7545220	7314396	7506234	2.34	cps
Indium	115-2	369965	367495	354867	364109	2.22	cps
Iron	56-2	680362	674651	681099	678704	0.52	cps
Iron	57-2	17194	17573	16855	17207	2.09	cps
Krypton	83-1	367	370	377	371	1.37	cps
Lead	206-1	1265910	1279106	1270651	1271889	0.53	cps
Lead	207-1	1107166	1112711	1105559	1108479	0.34	cps
Lead	208-1	5115774	5149208	5137994	5134325	0.33	cps
Lithium	6-1	1709953	1679777	1633178	1674303	2.31	cps
Magnesium	24-2	47063	46176	45984	46407	1.24	cps

LB Number : LB98309 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-02 19:00:04 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	29642	28526	29224	29131	1.93	cps
Molybdenum	94-1	1300	1150	1142	1197	7.44	cps
Molybdenum	95-1	758	833	800	797	4.71	cps
Molybdenum	96-1	1058	1250	1217	1175	8.72	cps
Molybdenum	97-1	458	458	375	431	11.17	cps
Molybdenum	98-1	1350	1217	1425	1331	7.93	cps
Neodymium	150-1	27	33	27	29	13.31	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	62540	63350	62055	62648	1.04	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	44404	43426	43995	43942	1.12	cps
Rhodium	103-1	7216369	7093764	6877196	7062443	2.43	cps
Rhodium	103-2	2045920	2042061	1984323	2024101	1.70	cps
Scandium	45-1	4770951	4708554	4523512	4667672	2.76	cps
Scandium	45-2	41020	39826	39038	39961	2.50	cps
Selenium	77-2	163	167	157	162	3.14	cps
Selenium	78-2	648	620	617	628	2.74	cps
Selenium	82-1	27975	27599	27800	27791	0.68	cps
Silicon	28-1	260069	264538	264489	263032	0.98	cps
Silver	109-1	999969	1009769	1012754	1007497	0.66	cps
Silver	107-1	1054114	1059651	1049092	1054285	0.50	cps
Sodium	23-2	182295	179584	176736	179538	1.55	cps
Strontium	86-1	6627	6527	7144	6766	4.89	cps
Strontium	88-1	53882	53054	53289	53408	0.80	cps
Sulfur	34-1	376096	376988	377822	376969	0.23	cps
Terbium	159-1	9876803	9760989	9495761	9711184	2.01	cps
Terbium	159-2	2152082	2152348	2085489	2129973	1.81	cps
Thallium	203-1	1581617	1591176	1590858	1587884	0.34	cps
Thallium	205-1	3820908	3845332	3808098	3824779	0.49	cps
Tin	118-1	1834	1725	1383	1647	14.26	cps
Titanium	47-1	233	258	183	225	16.97	cps
Uranium	238-1	22902604	22871045	23103049	22958899	0.55	cps
Vanadium	51-2	72788	73053	73576	73139	0.55	cps
Yttrium	89-1	8024764	7947476	7618652	7863630	2.74	cps
Yttrium	89-2	274165	270672	265005	269947	1.71	cps
Zinc	66-2	35452	34744	35302	35166	1.06	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:00:04	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1842	1942	1750	1845	5.20	cps
Zirconium	91-1	642	575	608	608	5.48	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:04:07	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	218	195	215	209	5.90	cps
Antimony	121-1	23129	22470	23388	22996	2.06	cps
Arsenic	75-2	144	128	141	138	6.36	cps
Barium	135-1	20508	21535	21084	21043	2.44	cps
Barium	137-1	35707	36385	34479	35524	2.72	cps
Beryllium	9-1	2039	1989	2211	2080	5.61	cps
Bismuth	209-1	6055032	5632046	6140266	5942448	4.58	cps
Bismuth	209-2	1791860	1789830	1782117	1787936	0.29	cps
Boron	10-1	5426	5568	5676	5557	2.26	cps
Boron	11-1	27118	26851	27252	27074	0.75	cps
Cadmium	111-1	3270	3332	3310	3304	0.96	cps
Cadmium	106-1	1900	1884	1859	1881	1.11	cps
Cadmium	108-1	200	142	167	169	17.27	cps
Calcium	43-1	12197	11597	11405	11733	3.52	cps
Calcium	44-1	199500	198003	197928	198477	0.45	cps
Chromium	52-2	2447	2557	2560	2521	2.56	cps
Cobalt	59-2	2110	2204	2334	2216	5.06	cps
Copper	63-2	3944	3867	4067	3960	2.55	cps
Dysprosium	156-1	8	0	42	17	132.30	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	67	50	42	53	24.12	cps
Erbium	164-2	10	0	7	6	91.64	cps
Gadolinium	160-1	50	50	50	50	0.00	cps
Gadolinium	160-2	17	3	10	10	66.70	cps
Holmium	165-1	9116659	8612097	9253688	8994148	3.76	cps
Holmium	165-2	2187014	2179610	2182879	2183168	0.17	cps
Indium	115-1	7416489	7071983	7547347	7345273	3.34	cps
Indium	115-2	367131	362217	361156	363501	0.88	cps
Iron	56-2	36281	37495	37083	36953	1.67	cps
Iron	57-2	956	967	945	956	1.16	cps
Krypton	83-1	380	420	397	399	5.04	cps
Lead	206-1	6930	7041	6735	6902	2.24	cps
Lead	207-1	6324	6580	6163	6355	3.31	cps
Lead	208-1	28113	28991	27963	28356	1.96	cps
Lithium	6-1	1658138	1580090	1657274	1631834	2.75	cps
Magnesium	24-2	19831	19931	19873	19879	0.25	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:04:07	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	310	390	317	339	13.10	cps
Molybdenum	94-1	16903	17362	16519	16928	2.49	cps
Molybdenum	95-1	20691	21944	21301	21312	2.94	cps
Molybdenum	96-1	23805	23647	23154	23535	1.44	cps
Molybdenum	97-1	12790	13299	13332	13140	2.31	cps
Molybdenum	98-1	32941	33977	33083	33334	1.68	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	963	993	1023	993	3.02	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	13749	13449	14183	13793	2.68	cps
Rhodium	103-1	7069382	6635456	7170123	6958320	4.08	cps
Rhodium	103-2	2063207	2042861	2038736	2048268	0.64	cps
Scandium	45-1	4640236	4322213	4691902	4551451	4.40	cps
Scandium	45-2	40579	40040	40839	40486	1.01	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	15	15	11	14	15.73	cps
Selenium	82-1	720	752	691	721	4.21	cps
Silicon	28-1	330514	330927	331499	330980	0.15	cps
Silver	109-1	10905	10621	10513	10680	1.90	cps
Silver	107-1	11439	10846	10888	11058	2.99	cps
Sodium	23-2	52339	52113	51102	51851	1.27	cps
Strontium	86-1	3426	3334	3542	3434	3.04	cps
Strontium	88-1	23112	23955	23413	23493	1.82	cps
Sulfur	34-1	377941	380141	381172	379751	0.43	cps
Terbium	159-1	9616208	9090599	9689528	9465445	3.45	cps
Terbium	159-2	2162289	2105307	2132376	2133324	1.34	cps
Thallium	203-1	8570	8812	8203	8528	3.59	cps
Thallium	205-1	20351	20868	20559	20593	1.26	cps
Tin	118-1	34746	34228	34278	34417	0.83	cps
Titanium	47-1	6027	5610	5993	5877	3.94	cps
Uranium	238-1	25469	25953	25945	25789	1.08	cps
Vanadium	51-2	3641	3621	3467	3576	2.65	cps
Yttrium	89-1	7776272	7332976	7917427	7675559	3.97	cps
Yttrium	89-2	273561	273320	269628	272169	0.81	cps
Zinc	66-2	553	530	440	508	11.79	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:04:07	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14683	14892	14658	14745	0.87	cps
Zirconium	91-1	3301	3226	3434	3320	3.18	cps

LB Number : LB98309 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-02 19:07:28 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15	15	23	18	24.77	cps
Antimony	121-1	1483	1609	1375	1489	7.84	cps
Arsenic	75-2	6	13	9	9	39.96	cps
Barium	135-1	83	33	58	58	42.86	cps
Barium	137-1	183	200	67	150	48.43	cps
Beryllium	9-1	333	461	406	400	16.02	cps
Bismuth	209-1	5880231	6069493	6094976	6014900	1.95	cps
Bismuth	209-2	1833696	1795119	1725576	1784797	3.07	cps
Boron	10-1	1442	1450	1033	1308	18.21	cps
Boron	11-1	6177	5952	5710	5946	3.93	cps
Cadmium	111-1	1189	1314	1286	1263	5.18	cps
Cadmium	106-1	1692	1842	1800	1778	4.36	cps
Cadmium	108-1	17	13	4	11	57.27	cps
Calcium	43-1	467	450	550	489	10.96	cps
Calcium	44-1	14283	13582	14375	14080	3.08	cps
Chromium	52-2	457	397	417	423	7.22	cps
Cobalt	59-2	83	87	93	88	5.80	cps
Copper	63-2	303	400	330	344	14.49	cps
Dysprosium	156-1	8	17	42	22	78.07	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	0	58	33	31	95.79	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	50	75	92	72	29.04	cps
Gadolinium	160-2	13	27	10	17	52.93	cps
Holmium	165-1	9168170	9272917	9235591	9225559	0.58	cps
Holmium	165-2	2237185	2187935	2077066	2167395	3.78	cps
Indium	115-1	7420193	7549945	7585446	7518528	1.16	cps
Indium	115-2	366006	365954	349761	360574	2.60	cps
Iron	56-2	1939	1878	2056	1958	4.62	cps
Iron	57-2	33	39	39	37	8.67	cps
Krypton	83-1	457	390	403	417	8.47	cps
Lead	206-1	572	672	494	580	15.38	cps
Lead	207-1	539	517	522	526	2.20	cps
Lead	208-1	2334	2595	2400	2443	5.55	cps
Lithium	6-1	1637127	1667438	1694350	1666305	1.72	cps
Magnesium	24-2	558	550	467	525	9.66	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:07:28	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	43	17	30	44.43	cps
Molybdenum	94-1	492	517	458	489	5.99	cps
Molybdenum	95-1	442	400	358	400	10.42	cps
Molybdenum	96-1	492	567	458	506	10.98	cps
Molybdenum	97-1	250	225	200	225	11.11	cps
Molybdenum	98-1	558	592	467	539	12.01	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	393	420	407	407	3.28	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	3609	2892	3342	3281	11.04	cps
Rhodium	103-1	7041735	7172639	7142219	7118864	0.96	cps
Rhodium	103-2	2051034	2040043	1945220	2012099	2.89	cps
Scandium	45-1	4558922	4699567	4786752	4681747	2.46	cps
Scandium	45-2	40589	40308	39088	39995	1.99	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-38	41	-13	-4	-1152.94	cps
Silicon	28-1	252167	252966	252306	252480	0.17	cps
Silver	109-1	117	150	100	122	20.83	cps
Silver	107-1	175	142	83	133	34.80	cps
Sodium	23-2	8887	9345	9028	9087	2.58	cps
Strontium	86-1	758	625	558	647	15.73	cps
Strontium	88-1	167	158	242	189	24.30	cps
Sulfur	34-1	388219	385961	383965	386049	0.55	cps
Terbium	159-1	9579789	9873546	9883988	9779108	1.77	cps
Terbium	159-2	2174820	2151511	2024782	2117038	3.81	cps
Thallium	203-1	667	608	633	636	4.60	cps
Thallium	205-1	1642	1525	1517	1561	4.48	cps
Tin	118-1	1175	1492	1208	1292	13.47	cps
Titanium	47-1	192	183	133	169	18.62	cps
Uranium	238-1	475	425	350	417	15.10	cps
Vanadium	51-2	3	17	7	9	78.08	cps
Yttrium	89-1	7671981	7957096	7930093	7853057	2.00	cps
Yttrium	89-2	272693	274890	259345	268976	3.13	cps
Zinc	66-2	80	103	130	104	23.95	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:07:28	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	800	792	842	811	3.30	cps
Zirconium	91-1	208	167	158	178	15.07	cps

LB Number : LB98309 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-02 19:10:50 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	727441	726101	727199	726914	0.10	cps
Antimony	121-1	11706	11506	11797	11670	1.28	cps
Arsenic	75-2	33	39	28	33	16.67	cps
Barium	135-1	3017	3151	2917	3028	3.87	cps
Barium	137-1	5201	5276	5268	5249	0.78	cps
Beryllium	9-1	711	761	750	741	3.54	cps
Bismuth	209-1	5907166	5923965	5684805	5838645	2.29	cps
Bismuth	209-2	1605718	1647426	1636727	1629957	1.33	cps
Boron	10-1	1517	1675	1575	1589	5.04	cps
Boron	11-1	7119	7527	7786	7477	4.50	cps
Cadmium	111-1	2066	1772	2206	2015	11.00	cps
Cadmium	106-1	2009	1425	2042	1825	19.01	cps
Cadmium	108-1	1313	1358	1379	1350	2.53	cps
Calcium	43-1	2236308	2245531	2266234	2249358	0.68	cps
Calcium	44-1	36397132	36192813	36073995	36221313	0.45	cps
Chromium	52-2	21991	21373	22104	21823	1.80	cps
Cobalt	59-2	2540	2454	2494	2496	1.74	cps
Copper	63-2	13403	13670	12923	13332	2.84	cps
Dysprosium	156-1	75	58	67	67	12.49	cps
Dysprosium	156-2	13	7	13	11	34.61	cps
Erbium	164-1	142	58	108	103	40.81	cps
Erbium	164-2	20	17	13	17	20.01	cps
Gadolinium	160-1	108	42	92	81	43.07	cps
Gadolinium	160-2	20	7	7	11	69.25	cps
Holmium	165-1	9271915	9362736	9068316	9234322	1.63	cps
Holmium	165-2	2090184	2145569	2117067	2117607	1.31	cps
Indium	115-1	7311607	7341892	7044290	7232596	2.26	cps
Indium	115-2	335562	342271	340307	339380	1.02	cps
Iron	56-2	63412176	63523908	63348132	63428072	0.14	cps
Iron	57-2	1624108	1621179	1613396	1619561	0.34	cps
Krypton	83-1	460	493	403	452	10.06	cps
Lead	206-1	32125	31673	31501	31766	1.01	cps
Lead	207-1	26177	25654	25303	25712	1.71	cps
Lead	208-1	121571	120714	118878	120388	1.14	cps
Lithium	6-1	1616814	1610548	1560384	1595915	1.94	cps
Magnesium	24-2	3551709	3608913	3540879	3567167	1.02	cps

LB Number : LB98309 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-02 19:10:50 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2194	2210	2197	2200	0.40	cps
Molybdenum	94-1	4479609	4481587	4478044	4479747	0.04	cps
Molybdenum	95-1	7920740	7925462	7919382	7921861	0.04	cps
Molybdenum	96-1	8430338	8461152	8540529	8477340	0.67	cps
Molybdenum	97-1	4966991	4975055	4992271	4978106	0.26	cps
Molybdenum	98-1	12626438	12572760	12548070	12582422	0.32	cps
Neodymium	150-1	47	40	60	49	20.83	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	4601	4861	4828	4763	2.97	cps
Phosphorus	31-2	53059	54556	53752	53789	1.39	cps
Potassium	39-2	1899235	1891793	1919120	1903383	0.74	cps
Rhodium	103-1	6729212	6732530	6495278	6652340	2.04	cps
Rhodium	103-2	1868286	1897030	1892985	1886100	0.82	cps
Scandium	45-1	4617579	4675503	4428392	4573825	2.83	cps
Scandium	45-2	37126	37614	37487	37409	0.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	5	-70	-12	-25	-154.72	cps
Silicon	28-1	398820	397655	402737	399737	0.67	cps
Silver	109-1	583	700	908	731	22.54	cps
Silver	107-1	683	775	933	797	15.86	cps
Sodium	23-2	7888595	7996744	7873369	7919569	0.85	cps
Strontium	86-1	86632	89250	87396	87759	1.53	cps
Strontium	88-1	759062	756384	765221	760222	0.60	cps
Sulfur	34-1	2991637	2986010	2986186	2987944	0.11	cps
Terbium	159-1	9854424	9875084	9420263	9716590	2.64	cps
Terbium	159-2	2029570	2123196	2093462	2082076	2.30	cps
Thallium	203-1	1250	1458	1675	1461	14.55	cps
Thallium	205-1	2734	3492	3326	3184	12.52	cps
Tin	118-1	2409	2342	2342	2364	1.63	cps
Titanium	47-1	2251206	2232280	2243914	2242467	0.43	cps
Uranium	238-1	617	600	767	661	13.89	cps
Vanadium	51-2	117	87	117	107	16.24	cps
Yttrium	89-1	7836776	7892000	7571829	7766868	2.20	cps
Yttrium	89-2	255979	260892	259660	258844	0.99	cps
Zinc	66-2	1944	2070	1980	1998	3.26	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:10:50	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4885	4384	3976	4415	10.31	cps
Zirconium	91-1	1142	992	800	978	17.51	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:14:07	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	719106	711860	713788	714918	0.52	cps
Antimony	121-1	200602	202142	201060	201268	0.39	cps
Arsenic	75-2	2356	2304	2276	2312	1.75	cps
Barium	135-1	43782	43289	43079	43383	0.83	cps
Barium	137-1	76780	76514	76455	76583	0.23	cps
Beryllium	9-1	32348	32387	31802	32179	1.02	cps
Bismuth	209-1	5705826	5885758	5905963	5832516	1.89	cps
Bismuth	209-2	1641324	1642022	1614515	1632620	0.96	cps
Boron	10-1	1242	1275	1400	1306	6.39	cps
Boron	11-1	6218	6435	6210	6288	2.03	cps
Cadmium	111-1	43831	44454	43003	43763	1.66	cps
Cadmium	106-1	5418	5485	5268	5390	2.06	cps
Cadmium	108-1	4055	3901	3821	3926	3.02	cps
Calcium	43-1	2247997	2217279	2226427	2230567	0.71	cps
Calcium	44-1	36060601	35881778	35806473	35916284	0.36	cps
Chromium	52-2	43310	41963	42428	42567	1.61	cps
Cobalt	59-2	41829	42588	41612	42010	1.22	cps
Copper	63-2	47126	46922	47588	47212	0.72	cps
Dysprosium	156-1	8	25	33	22	57.29	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	117	42	58	72	54.52	cps
Erbium	164-2	10	13	17	13	25.01	cps
Gadolinium	160-1	108	108	83	100	14.43	cps
Gadolinium	160-2	23	20	13	19	26.96	cps
Holmium	165-1	9024511	9375185	9378839	9259512	2.20	cps
Holmium	165-2	2126747	2154921	2113382	2131683	0.99	cps
Indium	115-1	7196489	7317470	7322406	7278788	0.98	cps
Indium	115-2	343897	343222	340032	342384	0.60	cps
Iron	56-2	62738353	62829961	62704381	62757565	0.10	cps
Iron	57-2	1615976	1609299	1608881	1611385	0.25	cps
Krypton	83-1	363	403	370	379	5.66	cps
Lead	206-1	153983	154489	154359	154277	0.17	cps
Lead	207-1	129935	130592	129746	130091	0.34	cps
Lead	208-1	602164	597977	600108	600083	0.35	cps
Lithium	6-1	1564557	1609454	1605677	1593229	1.56	cps
Magnesium	24-2	3562719	3491111	3546690	3533507	1.06	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:14:07	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8012	7966	7882	7953	0.83	cps
Molybdenum	94-1	4520418	4435105	4448672	4468065	1.03	cps
Molybdenum	95-1	7932365	7885022	7831678	7883022	0.64	cps
Molybdenum	96-1	8521155	8382182	8321066	8408134	1.22	cps
Molybdenum	97-1	4998768	4985383	4905435	4963195	1.02	cps
Molybdenum	98-1	12647942	12509874	12392083	12516633	1.02	cps
Neodymium	150-1	60	40	33	44	31.22	cps
Neodymium	150-2	0	3	17	7	132.33	cps
Nickel	60-2	17304	16971	16954	17076	1.16	cps
Phosphorus	31-2	51829	51712	52155	51899	0.44	cps
Potassium	39-2	1911948	1901650	1903476	1905691	0.29	cps
Rhodium	103-1	6572992	6709206	6762283	6681494	1.46	cps
Rhodium	103-2	1906670	1917074	1868034	1897259	1.36	cps
Scandium	45-1	4469706	4574268	4589623	4544533	1.44	cps
Scandium	45-2	38252	38446	37330	38009	1.57	cps
Selenium	77-2	7	20	13	13	49.99	cps
Selenium	78-2	69	54	59	60	12.38	cps
Selenium	82-1	2683	2846	2686	2738	3.42	cps
Silicon	28-1	401472	405170	400551	402397	0.61	cps
Silver	109-1	187346	186576	185149	186357	0.60	cps
Silver	107-1	196843	192498	193646	194329	1.16	cps
Sodium	23-2	7891619	7823536	7791893	7835683	0.65	cps
Strontium	86-1	88100	88075	90130	88768	1.33	cps
Strontium	88-1	763548	758214	756064	759275	0.51	cps
Sulfur	34-1	2960945	2944982	2916040	2940656	0.77	cps
Terbium	159-1	9588480	9768655	9772702	9709946	1.08	cps
Terbium	159-2	2100923	2088770	2049476	2079723	1.29	cps
Thallium	203-1	152961	153990	151459	152803	0.83	cps
Thallium	205-1	362879	367095	363230	364401	0.64	cps
Tin	118-1	2075	2309	2192	2192	5.32	cps
Titanium	47-1	2233973	2223547	2252455	2236658	0.65	cps
Uranium	238-1	492	600	608	567	11.49	cps
Vanadium	51-2	13787	14468	13964	14073	2.51	cps
Yttrium	89-1	7654840	7773691	7784122	7737551	0.93	cps
Yttrium	89-2	261724	261955	257167	260282	1.04	cps
Zinc	66-2	5304	5531	5401	5412	2.10	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:14:07	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2825	2559	2134	2506	13.92	cps
Zirconium	91-1	500	542	500	514	4.68	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:17:25	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	421248	420259	423531	421679	0.40	cps
Antimony	121-1	4859819	4806250	4814650	4826906	0.60	cps
Arsenic	75-2	58884	58278	58778	58647	0.55	cps
Barium	135-1	5130116	5126560	5131149	5129275	0.05	cps
Barium	137-1	8889410	8846023	8875474	8870302	0.25	cps
Beryllium	9-1	796055	793187	800369	796537	0.45	cps
Bismuth	209-1	5667063	5775974	5701513	5714850	0.97	cps
Bismuth	209-2	1567418	1652582	1549071	1589690	3.47	cps
Boron	10-1	91634	91877	92674	92062	0.59	cps
Boron	11-1	432265	441975	450014	441418	2.01	cps
Cadmium	111-1	1055106	1049437	1053645	1052729	0.28	cps
Cadmium	106-1	113828	114289	113979	114032	0.21	cps
Cadmium	108-1	76017	75925	76411	76118	0.34	cps
Calcium	43-1	5532507	5522867	5525392	5526922	0.09	cps
Calcium	44-1	90518400	89600617	90244590	90121202	0.52	cps
Chromium	52-2	495315	490771	494132	493406	0.48	cps
Cobalt	59-2	1001925	996563	996656	998381	0.31	cps
Copper	63-2	1679216	1653562	1666018	1666265	0.77	cps
Dysprosium	156-1	133	133	150	139	6.93	cps
Dysprosium	156-2	23	23	20	22	8.65	cps
Erbium	164-1	117	92	150	119	24.50	cps
Erbium	164-2	3	20	13	12	68.66	cps
Gadolinium	160-1	108	200	158	156	29.51	cps
Gadolinium	160-2	17	30	40	29	40.51	cps
Holmium	165-1	9058550	9198598	9064738	9107295	0.87	cps
Holmium	165-2	2121238	2154323	2067269	2114277	2.08	cps
Indium	115-1	7001464	7063528	6945567	7003520	0.84	cps
Indium	115-2	330042	341972	322582	331532	2.95	cps
Iron	56-2	79931127	79593182	80090321	79871543	0.32	cps
Iron	57-2	2039801	2009968	2060461	2036743	1.25	cps
Krypton	83-1	360	463	343	389	16.72	cps
Lead	206-1	3100183	3118690	3074643	3097839	0.71	cps
Lead	207-1	2823871	2806943	2816905	2815906	0.30	cps
Lead	208-1	12567506	12540099	12594262	12567289	0.22	cps
Lithium	6-1	1544794	1563040	1567776	1558537	0.78	cps
Magnesium	24-2	8783781	8808339	8845910	8812676	0.36	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:17:25	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	283719	283069	288226	285005	0.99	cps
Molybdenum	94-1	8347884	8294459	8332137	8324827	0.33	cps
Molybdenum	95-1	10272503	10172484	10166153	10203713	0.58	cps
Molybdenum	96-1	11379179	11262948	11296850	11312992	0.53	cps
Molybdenum	97-1	6462291	6422802	6415943	6433679	0.39	cps
Molybdenum	98-1	16424181	16371136	16402540	16399286	0.16	cps
Neodymium	150-1	407	293	287	329	20.51	cps
Neodymium	150-2	20	17	23	20	16.65	cps
Nickel	60-2	294535	291139	297239	294304	1.04	cps
Phosphorus	31-2	5643	5618	5676	5646	0.52	cps
Potassium	39-2	2420781	2434301	2439260	2431447	0.39	cps
Rhodium	103-1	6401151	6502765	6409666	6437861	0.88	cps
Rhodium	103-2	1812751	1877410	1791944	1827368	2.44	cps
Scandium	45-1	4426943	4519351	4463002	4469765	1.04	cps
Scandium	45-2	37022	38272	36725	37340	2.20	cps
Selenium	77-2	387	397	363	382	4.47	cps
Selenium	78-2	1422	1482	1448	1451	2.05	cps
Selenium	82-1	67280	65658	66722	66554	1.24	cps
Silicon	28-1	2642826	2667653	2701574	2670684	1.10	cps
Silver	109-1	5007680	4972185	4979355	4986407	0.38	cps
Silver	107-1	5173603	5235136	5210898	5206546	0.60	cps
Sodium	23-2	19734796	19692821	19906660	19778093	0.57	cps
Strontium	86-1	1299666	1301637	1295790	1299031	0.23	cps
Strontium	88-1	11166240	11241339	11095219	11167599	0.65	cps
Sulfur	34-1	693344	688155	695251	692250	0.53	cps
Terbium	159-1	9528016	9598271	9510228	9545505	0.49	cps
Terbium	159-2	2067297	2119706	2008482	2065162	2.69	cps
Thallium	203-1	3848247	3821812	3852960	3841007	0.44	cps
Thallium	205-1	9053070	8994174	9084677	9043974	0.51	cps
Tin	118-1	3332710	3318092	3282064	3310955	0.79	cps
Titanium	47-1	2826516	2815235	2829265	2823672	0.26	cps
Uranium	238-1	12339349	12319892	12300226	12319822	0.16	cps
Vanadium	51-2	359476	353806	355984	356422	0.80	cps
Yttrium	89-1	7605164	7709165	7556533	7623621	1.02	cps
Yttrium	89-2	256412	260511	251818	256247	1.70	cps
Zinc	66-2	167959	166786	169113	167953	0.69	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:17:25	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7030374	7004362	7001790	7012176	0.23	cps
Zirconium	91-1	1587335	1598869	1590211	1592139	0.38	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:20:34	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53	23	30	35	44.59	cps
Antimony	121-1	9787	9270	8820	9293	5.21	cps
Arsenic	75-2	19	13	11	14	27.17	cps
Barium	135-1	258	225	233	239	7.26	cps
Barium	137-1	458	317	250	342	31.14	cps
Beryllium	9-1	633	539	539	570	9.56	cps
Bismuth	209-1	6174261	6192604	6199846	6188903	0.21	cps
Bismuth	209-2	1797675	1748044	1774853	1773524	1.40	cps
Boron	10-1	3601	3342	3242	3395	5.45	cps
Boron	11-1	16694	15167	14399	15420	7.57	cps
Cadmium	111-1	1353	1425	1434	1404	3.19	cps
Cadmium	106-1	1834	1909	1909	1884	2.30	cps
Cadmium	108-1	8	33	8	17	86.62	cps
Calcium	43-1	808	708	600	706	14.77	cps
Calcium	44-1	17954	17002	16444	17133	4.46	cps
Chromium	52-2	443	427	357	409	11.25	cps
Cobalt	59-2	97	90	123	103	17.07	cps
Copper	63-2	493	447	387	442	12.09	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	67	58	33	53	32.88	cps
Erbium	164-2	13	3	3	7	86.65	cps
Gadolinium	160-1	50	75	83	69	24.98	cps
Gadolinium	160-2	3	10	13	9	57.30	cps
Holmium	165-1	9249323	9276690	9324526	9283513	0.41	cps
Holmium	165-2	2158221	2129827	2169818	2152622	0.96	cps
Indium	115-1	7470536	7501557	7459599	7477231	0.29	cps
Indium	115-2	352929	349271	355316	352505	0.86	cps
Iron	56-2	6346	5846	5762	5985	5.27	cps
Iron	57-2	100	156	144	133	22.05	cps
Krypton	83-1	357	373	407	379	6.72	cps
Lead	206-1	1389	1256	1133	1259	10.15	cps
Lead	207-1	967	995	989	983	1.50	cps
Lead	208-1	4834	4489	4373	4565	5.25	cps
Lithium	6-1	1657946	1668500	1673550	1666665	0.48	cps
Magnesium	24-2	650	492	767	636	21.70	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:20:34	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	40	43	40	8.32	cps
Molybdenum	94-1	3526	3117	2767	3137	12.10	cps
Molybdenum	95-1	4218	3701	3301	3740	12.29	cps
Molybdenum	96-1	4793	4201	3617	4204	13.98	cps
Molybdenum	97-1	2759	2284	1892	2311	18.78	cps
Molybdenum	98-1	7111	6152	5493	6252	13.01	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	390	403	393	396	1.75	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	3876	3517	3284	3559	8.38	cps
Rhodium	103-1	6981069	7132431	7127245	7080248	1.21	cps
Rhodium	103-2	2001381	1996038	1995063	1997494	0.17	cps
Scandium	45-1	4608086	4615886	4623104	4615692	0.16	cps
Scandium	45-2	38376	38132	38406	38305	0.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	4	2	4	65.54	cps
Selenium	82-1	48	22	-9	20	141.65	cps
Silicon	28-1	252729	249753	249657	250713	0.70	cps
Silver	109-1	458	608	483	517	15.55	cps
Silver	107-1	658	625	500	594	14.04	cps
Sodium	23-2	11772	11305	10454	11177	5.98	cps
Strontium	86-1	650	625	700	658	5.80	cps
Strontium	88-1	583	517	508	536	7.67	cps
Sulfur	34-1	357313	359465	356846	357874	0.39	cps
Terbium	159-1	9702767	9744557	9743265	9730196	0.24	cps
Terbium	159-2	2111875	2081107	2118127	2103703	0.94	cps
Thallium	203-1	1892	1642	1650	1728	8.22	cps
Thallium	205-1	5101	4201	4168	4490	11.80	cps
Tin	118-1	2609	2834	2167	2536	13.37	cps
Titanium	47-1	317	292	225	278	17.06	cps
Uranium	238-1	683	500	633	606	15.65	cps
Vanadium	51-2	17	23	13	18	28.64	cps
Yttrium	89-1	7756897	7849276	7891758	7832644	0.88	cps
Yttrium	89-2	263511	260793	264031	262779	0.66	cps
Zinc	66-2	130	153	137	140	8.59	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:20:34	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2400	2234	2292	2309	3.66	cps
Zirconium	91-1	483	558	483	508	8.52	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:23:56	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	193	213	193	9.71	cps
Antimony	121-1	22178	21627	22244	22016	1.54	cps
Arsenic	75-2	146	104	120	123	17.38	cps
Barium	135-1	21042	20509	20158	20570	2.17	cps
Barium	137-1	37178	36276	35240	36231	2.68	cps
Beryllium	9-1	2167	1967	2167	2100	5.50	cps
Bismuth	209-1	6245158	6176327	6054919	6158801	1.56	cps
Bismuth	209-2	1753352	1724121	1786798	1754757	1.79	cps
Boron	10-1	6277	5518	5985	5926	6.46	cps
Boron	11-1	28822	28404	28571	28599	0.74	cps
Cadmium	111-1	3153	3588	3488	3410	6.69	cps
Cadmium	106-1	1809	1684	1892	1795	5.84	cps
Cadmium	108-1	192	171	183	182	5.76	cps
Calcium	43-1	10796	11063	11247	11035	2.05	cps
Calcium	44-1	193794	194479	192906	193727	0.41	cps
Chromium	52-2	2464	2494	2517	2491	1.07	cps
Cobalt	59-2	2200	2347	2270	2272	3.23	cps
Copper	63-2	4191	4031	3811	4011	4.76	cps
Dysprosium	156-1	8	50	17	25	88.19	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	58	50	44	39.04	cps
Erbium	164-2	7	17	3	9	78.08	cps
Gadolinium	160-1	33	42	50	42	20.00	cps
Gadolinium	160-2	0	10	10	7	86.60	cps
Holmium	165-1	9326272	9341038	9222106	9296472	0.70	cps
Holmium	165-2	2126735	2116551	2110682	2117989	0.38	cps
Indium	115-1	7561112	7479013	7361517	7467214	1.34	cps
Indium	115-2	354954	348544	350625	351374	0.93	cps
Iron	56-2	37384	37100	38276	37586	1.63	cps
Iron	57-2	1045	750	889	895	16.47	cps
Krypton	83-1	407	390	403	400	2.21	cps
Lead	206-1	7113	7186	7386	7228	1.95	cps
Lead	207-1	6658	6985	6624	6756	2.96	cps
Lead	208-1	29147	30337	29436	29640	2.09	cps
Lithium	6-1	1676686	1656001	1634926	1655871	1.26	cps
Magnesium	24-2	18529	19547	19097	19058	2.68	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:23:56	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	327	303	397	342	14.19	cps
Molybdenum	94-1	19164	19239	19131	19178	0.29	cps
Molybdenum	95-1	21451	21309	21351	21370	0.34	cps
Molybdenum	96-1	24381	23688	24957	24342	2.61	cps
Molybdenum	97-1	14041	13724	13007	13591	3.90	cps
Molybdenum	98-1	35113	34428	34069	34537	1.54	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	967	1063	1010	1013	4.78	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	12681	13223	13032	12979	2.12	cps
Rhodium	103-1	7163539	7063693	6998035	7075089	1.18	cps
Rhodium	103-2	2005254	1968264	1986283	1986600	0.93	cps
Scandium	45-1	4668933	4661336	4544409	4624893	1.51	cps
Scandium	45-2	38182	37878	38536	38199	0.86	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	20	22	17	20	14.31	cps
Selenium	82-1	759	735	705	733	3.65	cps
Silicon	28-1	324006	323039	322005	323017	0.31	cps
Silver	109-1	10997	10780	9846	10541	5.80	cps
Silver	107-1	10480	11564	10680	10908	5.29	cps
Sodium	23-2	51402	52146	51452	51667	0.80	cps
Strontium	86-1	3217	3251	3559	3342	5.64	cps
Strontium	88-1	23989	22920	22461	23123	3.39	cps
Sulfur	34-1	364063	365606	367030	365566	0.41	cps
Terbium	159-1	9804904	9732396	9599680	9712327	1.07	cps
Terbium	159-2	2089398	2057169	2122606	2089725	1.57	cps
Thallium	203-1	8687	8662	8678	8676	0.15	cps
Thallium	205-1	21319	21002	22204	21508	2.90	cps
Tin	118-1	35966	34880	34178	35008	2.57	cps
Titanium	47-1	5902	5843	5910	5885	0.62	cps
Uranium	238-1	25043	25269	24700	25004	1.14	cps
Vanadium	51-2	3594	3420	3594	3536	2.83	cps
Yttrium	89-1	7857175	7800501	7796943	7818206	0.43	cps
Yttrium	89-2	261674	259684	260942	260766	0.39	cps
Zinc	66-2	503	467	537	502	6.97	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:23:56	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	18321	17946	17470	17912	2.38	cps
Zirconium	91-1	3876	3951	4034	3954	2.00	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	J5079-06ARE	Instrumnet Name :	P8
Client Sample ID :	MYAK64A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:28:42	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1300	1393	1428	1374	4.80	cps
Antimony	121-1	2400	2600	2484	2495	4.03	cps
Arsenic	75-2	1037	1074	987	1033	4.23	cps
Barium	135-1	84636	84444	82348	83810	1.51	cps
Barium	137-1	148915	145137	147280	147111	1.29	cps
Beryllium	9-1	300	367	406	357	14.94	cps
Bismuth	209-1	6703252	6527781	6510141	6580391	1.62	cps
Bismuth	209-2	1900890	1879586	1908291	1896256	0.79	cps
Boron	10-1	58746	58001	59181	58643	1.02	cps
Boron	11-1	280712	283880	290931	285174	1.83	cps
Cadmium	111-1	1186	1218	1433	1279	10.50	cps
Cadmium	106-1	1692	1692	1959	1781	8.65	cps
Cadmium	108-1	33	42	25	33	25.01	cps
Calcium	43-1	585100	576084	574240	578475	1.00	cps
Calcium	44-1	9569968	9497448	9459808	9509074	0.59	cps
Chromium	52-2	453	600	487	513	14.98	cps
Cobalt	59-2	480	507	520	502	4.06	cps
Copper	63-2	2604	2587	2620	2604	0.64	cps
Dysprosium	156-1	517	467	475	486	5.51	cps
Dysprosium	156-2	107	123	113	114	7.33	cps
Erbium	164-1	492	450	458	467	4.72	cps
Erbium	164-2	103	87	57	82	28.76	cps
Gadolinium	160-1	692	600	550	614	11.70	cps
Gadolinium	160-2	167	150	137	151	9.95	cps
Holmium	165-1	10256839	10115790	9929286	10100638	1.63	cps
Holmium	165-2	2380331	2320436	2267561	2322776	2.43	cps
Indium	115-1	8148742	8115572	8012116	8092143	0.88	cps
Indium	115-2	386675	381547	383094	383772	0.69	cps
Iron	56-2	160240	158484	159560	159428	0.56	cps
Iron	57-2	4028	3973	4123	4041	1.88	cps
Krypton	83-1	410	343	383	379	8.85	cps
Lead	206-1	3000	2928	2945	2958	1.28	cps
Lead	207-1	2534	2611	2428	2524	3.65	cps
Lead	208-1	11680	11219	11458	11452	2.01	cps
Lithium	6-1	1803099	1784769	1756149	1781339	1.33	cps
Magnesium	24-2	250698	248739	246409	248615	0.86	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	J5079-06ARE	Instrumnet Name :	P8
Client Sample ID :	MYAK64A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:28:42	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	15592	15552	15712	15619	0.53	cps
Molybdenum	94-1	18530	18964	18630	18708	1.21	cps
Molybdenum	95-1	27654	29057	27370	28027	3.22	cps
Molybdenum	96-1	31328	30911	30502	30914	1.34	cps
Molybdenum	97-1	18096	17620	16836	17517	3.63	cps
Molybdenum	98-1	44199	44273	44023	44165	0.29	cps
Neodymium	150-1	907	827	780	838	7.65	cps
Neodymium	150-2	137	120	133	130	6.79	cps
Nickel	60-2	657	717	657	677	5.12	cps
Phosphorus	31-2	8	25	25	19	49.50	cps
Potassium	39-2	61511	63025	62222	62252	1.22	cps
Rhodium	103-1	7637725	7513600	7364918	7505414	1.82	cps
Rhodium	103-2	2139700	2116767	2117503	2124657	0.61	cps
Scandium	45-1	5095123	5022071	4977842	5031679	1.18	cps
Scandium	45-2	42130	40870	41722	41574	1.55	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	6	4	4	4	24.86	cps
Selenium	82-1	26	79	18	41	81.18	cps
Silicon	28-1	24614580	24420610	24267142	24434111	0.71	cps
Silver	109-1	100	217	192	169	36.25	cps
Silver	107-1	208	208	233	217	6.66	cps
Sodium	23-2	2659146	2650434	2667792	2659124	0.33	cps
Strontium	86-1	674597	666824	662887	668103	0.89	cps
Strontium	88-1	5878269	5820008	5746698	5814992	1.13	cps
Sulfur	34-1	787024	779421	776735	781060	0.68	cps
Terbium	159-1	10638459	10487305	10390624	10505463	1.19	cps
Terbium	159-2	2287218	2248036	2279980	2271745	0.92	cps
Thallium	203-1	950	792	792	845	10.83	cps
Thallium	205-1	1934	1909	1659	1834	8.29	cps
Tin	118-1	1875	2042	1834	1917	5.75	cps
Titanium	47-1	6436	6343	6569	6449	1.76	cps
Uranium	238-1	245039	240460	239743	241748	1.19	cps
Vanadium	51-2	2230	2344	2334	2302	2.73	cps
Yttrium	89-1	8528350	8468088	8496571	8497670	0.35	cps
Yttrium	89-2	287657	283953	285238	285616	0.66	cps
Zinc	66-2	6045	5898	6175	6039	2.29	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	J5079-06ARE	Instrumnet Name :	P8
Client Sample ID :	MYAK64A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:28:42	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7828	60934	7094	25285	122.11	cps
Zirconium	91-1	1575	1784	1617	1659	6.65	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	J5079-06A	Instrumnet Name :	P8
Client Sample ID :	MYAK64A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:33:06	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1438	1410	1463	1437	1.83	cps
Antimony	121-1	1884	1800	2125	1936	8.72	cps
Arsenic	75-2	991	1045	933	990	5.62	cps
Barium	135-1	82936	80470	81584	81663	1.51	cps
Barium	137-1	143563	142662	143304	143177	0.32	cps
Beryllium	9-1	333	289	283	302	9.08	cps
Bismuth	209-1	6303330	6279914	6007450	6196898	2.65	cps
Bismuth	209-2	1832519	1812116	1846043	1830226	0.93	cps
Boron	10-1	57114	59231	60219	58855	2.70	cps
Boron	11-1	280319	285690	291260	285756	1.91	cps
Cadmium	111-1	1261	1239	1282	1261	1.70	cps
Cadmium	106-1	1767	1692	1775	1745	2.63	cps
Cadmium	108-1	38	17	21	25	44.09	cps
Calcium	43-1	563167	555517	556623	558436	0.74	cps
Calcium	44-1	9152375	9157861	9124019	9144752	0.20	cps
Chromium	52-2	543	527	610	560	7.87	cps
Cobalt	59-2	517	490	570	526	7.75	cps
Copper	63-2	2644	2477	2587	2569	3.30	cps
Dysprosium	156-1	542	592	425	519	16.47	cps
Dysprosium	156-2	133	113	87	111	21.07	cps
Erbium	164-1	342	342	408	364	10.58	cps
Erbium	164-2	53	83	90	76	25.85	cps
Gadolinium	160-1	483	425	475	461	6.84	cps
Gadolinium	160-2	80	140	160	127	32.87	cps
Holmium	165-1	9586157	9614322	9217105	9472528	2.34	cps
Holmium	165-2	2248168	2229220	2276249	2251212	1.05	cps
Indium	115-1	7724723	7684034	7399341	7602700	2.33	cps
Indium	115-2	368744	366639	370901	368761	0.58	cps
Iron	56-2	156029	155407	153844	155093	0.73	cps
Iron	57-2	4123	3940	3784	3949	4.30	cps
Krypton	83-1	393	413	480	429	10.58	cps
Lead	206-1	2584	2617	2461	2554	3.21	cps
Lead	207-1	2234	2261	2139	2211	2.90	cps
Lead	208-1	10252	10257	9835	10115	2.40	cps
Lithium	6-1	1739508	1705518	1644654	1696560	2.83	cps
Magnesium	24-2	243229	239188	234907	239108	1.74	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	J5079-06A	Instrumnet Name :	P8
Client Sample ID :	MYAK64A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:33:06	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	15285	15552	15165	15334	1.29	cps
Molybdenum	94-1	17395	17345	17737	17492	1.22	cps
Molybdenum	95-1	26285	26076	27153	26505	2.16	cps
Molybdenum	96-1	29224	28172	29241	28879	2.12	cps
Molybdenum	97-1	16536	16686	16761	16661	0.69	cps
Molybdenum	98-1	43128	42309	42484	42640	1.01	cps
Neodymium	150-1	820	853	820	831	2.32	cps
Neodymium	150-2	127	143	127	132	7.28	cps
Nickel	60-2	770	723	783	759	4.15	cps
Phosphorus	31-2	8	8	25	14	69.31	cps
Potassium	39-2	60214	59560	60363	60046	0.71	cps
Rhodium	103-1	7201395	7286094	6867162	7118217	3.11	cps
Rhodium	103-2	2046233	2036730	2065872	2049612	0.73	cps
Scandium	45-1	4849141	4783206	4576365	4736238	3.01	cps
Scandium	45-2	40448	39669	40485	40201	1.15	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	31	34	-75	-3	-1835.24	cps
Silicon	28-1	24149190	23487772	23640249	23759070	1.46	cps
Silver	109-1	117	175	175	156	21.65	cps
Silver	107-1	167	175	142	161	10.77	cps
Sodium	23-2	2596270	2583569	2584683	2588174	0.27	cps
Strontium	86-1	642971	644499	640879	642783	0.28	cps
Strontium	88-1	5576937	5585961	5551163	5571353	0.32	cps
Sulfur	34-1	768994	762273	770574	767280	0.57	cps
Terbium	159-1	10152260	9944175	9736784	9944406	2.09	cps
Terbium	159-2	2168120	2175454	2194943	2179505	0.64	cps
Thallium	203-1	742	725	867	778	9.96	cps
Thallium	205-1	1634	1350	1900	1628	16.90	cps
Tin	118-1	2675	2667	2900	2748	4.82	cps
Titanium	47-1	6227	6468	8359	7018	16.64	cps
Uranium	238-1	232231	229096	230388	230571	0.68	cps
Vanadium	51-2	2197	2467	2124	2262	7.99	cps
Yttrium	89-1	8109215	8147221	7740925	7999120	2.81	cps
Yttrium	89-2	276786	273067	275887	275247	0.71	cps
Zinc	66-2	3394	3310	3137	3280	3.99	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	J5079-06A	Instrumnet Name :	P8
Client Sample ID :	MYAK64A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:33:06	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6827	5860	6477	6388	7.67	cps
Zirconium	91-1	1450	1475	1500	1475	1.70	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	J4925-06DLX25	Instrumnet Name :	P8
Client Sample ID :	S13-0252DL	Dilution Factor :	25
Date & Time Acquired ::	2018-10-02 19:36:27	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20	28	33	27	23.58	cps
Antimony	121-1	708	892	758	786	12.05	cps
Arsenic	75-2	107	107	131	115	12.04	cps
Barium	135-1	2609	2567	2559	2578	1.04	cps
Barium	137-1	3734	4243	4134	4037	6.64	cps
Beryllium	9-1	206	278	306	263	19.63	cps
Bismuth	209-1	6052331	6210878	6138392	6133867	1.29	cps
Bismuth	209-2	1744383	1747081	1723124	1738196	0.75	cps
Boron	10-1	4334	3851	4167	4117	5.96	cps
Boron	11-1	20098	19063	17620	18927	6.58	cps
Cadmium	111-1	1118	1191	1125	1145	3.53	cps
Cadmium	106-1	1584	1717	1600	1634	4.45	cps
Cadmium	108-1	17	33	17	22	43.28	cps
Calcium	43-1	91589	91162	92362	91704	0.66	cps
Calcium	44-1	1548005	1535866	1534577	1539483	0.48	cps
Chromium	52-2	430	470	463	454	4.72	cps
Cobalt	59-2	693	667	763	708	7.05	cps
Copper	63-2	587	520	537	548	6.33	cps
Dysprosium	156-1	42	0	42	28	86.60	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	33	42	17	31	41.66	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	83	75	108	89	19.52	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	9345803	9468529	9383388	9399240	0.67	cps
Holmium	165-2	2174067	2153376	2126540	2151328	1.11	cps
Indium	115-1	7428899	7557640	7555796	7514112	0.98	cps
Indium	115-2	353787	350556	349412	351252	0.65	cps
Iron	56-2	657655	656552	651989	655398	0.46	cps
Iron	57-2	16555	16432	15904	16297	2.12	cps
Krypton	83-1	400	413	373	396	5.15	cps
Lead	206-1	2867	2350	2184	2467	14.45	cps
Lead	207-1	2439	2050	2106	2198	9.57	cps
Lead	208-1	10747	9413	8907	9689	9.81	cps
Lithium	6-1	1648519	1711265	1681806	1680530	1.87	cps
Magnesium	24-2	49261	50097	49813	49724	0.85	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	J4925-06DLX25	Instrumnet Name :	P8
Client Sample ID :	S13-0252DL	Dilution Factor :	25
Date & Time Acquired ::	2018-10-02 19:36:27	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	135018	134812	134227	134686	0.30	cps
Molybdenum	94-1	808	783	792	795	1.60	cps
Molybdenum	95-1	692	933	775	800	15.35	cps
Molybdenum	96-1	858	875	1117	950	15.22	cps
Molybdenum	97-1	542	542	517	533	2.71	cps
Molybdenum	98-1	1659	1458	1275	1464	13.10	cps
Neodymium	150-1	0	33	33	22	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	767	817	897	827	7.93	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	5860	5751	5518	5710	3.06	cps
Rhodium	103-1	7053176	7143328	7056535	7084346	0.72	cps
Rhodium	103-2	1977605	1967174	1966748	1970509	0.31	cps
Scandium	45-1	4606048	4741892	4663214	4670385	1.46	cps
Scandium	45-2	38366	38262	38065	38231	0.40	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	-1	-7	-17	-8	-92.78	cps
Silicon	28-1	2577020	2579499	2586291	2580937	0.19	cps
Silver	109-1	517	733	617	622	17.43	cps
Silver	107-1	450	758	500	569	29.06	cps
Sodium	23-2	148205	147885	146379	147490	0.66	cps
Strontium	86-1	59354	57564	58301	58406	1.54	cps
Strontium	88-1	511658	509793	511655	511035	0.21	cps
Sulfur	34-1	360658	365030	360607	362098	0.70	cps
Terbium	159-1	9685417	9843010	9786240	9771556	0.82	cps
Terbium	159-2	2118916	2087689	2071021	2092542	1.16	cps
Thallium	203-1	917	883	950	917	3.64	cps
Thallium	205-1	2234	2467	2134	2278	7.51	cps
Tin	118-1	1292	1200	1125	1206	6.92	cps
Titanium	47-1	250	200	158	203	22.64	cps
Uranium	238-1	417	442	383	414	7.07	cps
Vanadium	51-2	10	7	10	9	21.63	cps
Yttrium	89-1	7783397	7888703	7873659	7848587	0.73	cps
Yttrium	89-2	262175	261501	258738	260805	0.70	cps
Zinc	66-2	240	137	190	189	27.36	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	J4925-06DLX25	Instrumnet Name :	P8
Client Sample ID :	S13-0252DL	Dilution Factor :	25
Date & Time Acquired ::	2018-10-02 19:36:27	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	842	800	892	845	5.43	cps
Zirconium	91-1	133	150	158	147	8.65	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:39:48	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	435583	425440	427174	429399	1.26	cps
Antimony	121-1	4961643	4896673	4889925	4916080	0.81	cps
Arsenic	75-2	60225	59451	58986	59554	1.05	cps
Barium	135-1	5290175	5235675	5267826	5264559	0.52	cps
Barium	137-1	9085603	9093881	9041975	9073820	0.31	cps
Beryllium	9-1	830647	820776	815195	822206	0.95	cps
Bismuth	209-1	5796292	5989743	5775384	5853806	2.02	cps
Bismuth	209-2	1585922	1578926	1609901	1591583	1.02	cps
Boron	10-1	95751	96306	97321	96459	0.83	cps
Boron	11-1	453632	463594	470322	462516	1.82	cps
Cadmium	111-1	1077273	1076832	1077490	1077198	0.03	cps
Cadmium	106-1	114752	115424	116223	115466	0.64	cps
Cadmium	108-1	77320	78229	78225	77925	0.67	cps
Calcium	43-1	5687790	5657005	5679191	5674662	0.28	cps
Calcium	44-1	92567344	92111640	91638050	92105678	0.50	cps
Chromium	52-2	507532	499812	504184	503843	0.77	cps
Cobalt	59-2	1020208	1013238	1017751	1017066	0.35	cps
Copper	63-2	1728882	1689196	1703650	1707243	1.18	cps
Dysprosium	156-1	83	108	117	103	16.88	cps
Dysprosium	156-2	27	47	27	33	34.64	cps
Erbium	164-1	83	58	58	67	21.65	cps
Erbium	164-2	13	17	23	18	28.64	cps
Gadolinium	160-1	158	167	142	156	8.19	cps
Gadolinium	160-2	30	20	50	33	45.83	cps
Holmium	165-1	9280624	9506944	9248816	9345461	1.51	cps
Holmium	165-2	2118863	2120027	2137707	2125532	0.50	cps
Indium	115-1	7061952	7280616	7156038	7166202	1.53	cps
Indium	115-2	330812	329607	332897	331106	0.50	cps
Iron	56-2	82004021	80708141	81596221	81436128	0.81	cps
Iron	57-2	2081187	2058701	2085159	2075016	0.69	cps
Krypton	83-1	380	387	370	379	2.21	cps
Lead	206-1	3182044	3147920	3139505	3156490	0.71	cps
Lead	207-1	2921441	2884739	2888097	2898092	0.70	cps
Lead	208-1	12942453	12858561	12886634	12895883	0.33	cps
Lithium	6-1	1606189	1635220	1596385	1612598	1.25	cps
Magnesium	24-2	9103119	9004527	9026619	9044755	0.57	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:39:48	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	291509	287690	291056	290085	0.72	cps
Molybdenum	94-1	8418823	8411938	8511760	8447507	0.66	cps
Molybdenum	95-1	10456725	10430994	10449270	10445663	0.13	cps
Molybdenum	96-1	11550785	11554860	11553931	11553192	0.02	cps
Molybdenum	97-1	6556065	6502672	6511912	6523550	0.44	cps
Molybdenum	98-1	16572265	16672674	16755437	16666792	0.55	cps
Neodymium	150-1	267	340	407	338	20.73	cps
Neodymium	150-2	20	33	30	28	24.98	cps
Nickel	60-2	298563	298599	297620	298261	0.19	cps
Phosphorus	31-2	5468	5585	5260	5437	3.03	cps
Potassium	39-2	2500879	2466214	2496711	2487934	0.76	cps
Rhodium	103-1	6507489	6655113	6515336	6559313	1.27	cps
Rhodium	103-2	1827663	1844292	1845892	1839283	0.55	cps
Scandium	45-1	4535464	4739096	4546355	4606971	2.49	cps
Scandium	45-2	38172	37737	38998	38302	1.67	cps
Selenium	77-2	537	437	497	490	10.27	cps
Selenium	78-2	1530	1454	1543	1509	3.18	cps
Selenium	82-1	67663	67962	68728	68118	0.81	cps
Silicon	28-1	2691307	2722341	2735236	2716295	0.83	cps
Silver	109-1	5094784	5102030	5118826	5105213	0.24	cps
Silver	107-1	5271425	5276566	5270739	5272910	0.06	cps
Sodium	23-2	20439448	20169745	20195957	20268383	0.73	cps
Strontium	86-1	1317281	1319300	1325364	1320648	0.32	cps
Strontium	88-1	11485354	11396001	11358157	11413171	0.57	cps
Sulfur	34-1	721661	726354	717599	721871	0.61	cps
Terbium	159-1	9696873	9927924	9607112	9743970	1.70	cps
Terbium	159-2	2055854	2026006	2065139	2048999	1.00	cps
Thallium	203-1	3966103	3953569	3968612	3962761	0.20	cps
Thallium	205-1	9346599	9267745	9281310	9298551	0.45	cps
Tin	118-1	3387989	3363582	3359255	3370275	0.46	cps
Titanium	47-1	2890308	2883301	2841410	2871673	0.92	cps
Uranium	238-1	12570904	12413022	12496266	12493397	0.63	cps
Vanadium	51-2	365062	360094	367462	364206	1.03	cps
Yttrium	89-1	7689703	7914295	7709881	7771293	1.60	cps
Yttrium	89-2	256888	256568	260056	257837	0.75	cps
Zinc	66-2	171492	168675	168708	169625	0.95	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:39:48	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7145285	7089697	7130402	7121795	0.40	cps
Zirconium	91-1	1615776	1596292	1583897	1598655	1.01	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:42:58	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10	30	23	21	48.51	cps
Antimony	121-1	10638	9279	9095	9671	8.72	cps
Arsenic	75-2	11	11	13	12	9.11	cps
Barium	135-1	183	183	133	167	17.32	cps
Barium	137-1	275	317	200	264	22.41	cps
Beryllium	9-1	522	544	578	548	5.10	cps
Bismuth	209-1	6213103	6282751	6223705	6239853	0.60	cps
Bismuth	209-2	1774130	1742020	1754106	1756752	0.92	cps
Boron	10-1	4159	4084	3617	3953	7.43	cps
Boron	11-1	20382	19113	17336	18944	8.08	cps
Cadmium	111-1	1366	1229	1213	1269	6.60	cps
Cadmium	106-1	1809	1675	1667	1717	4.63	cps
Cadmium	108-1	13	21	17	17	24.99	cps
Calcium	43-1	683	608	567	619	9.54	cps
Calcium	44-1	16677	16018	15392	16029	4.01	cps
Chromium	52-2	353	463	417	411	13.43	cps
Cobalt	59-2	53	60	73	62	16.37	cps
Copper	63-2	477	430	503	470	7.90	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	33	50	75	53	39.74	cps
Gadolinium	160-2	10	0	3	4	114.60	cps
Holmium	165-1	9385964	9416586	9383000	9395183	0.20	cps
Holmium	165-2	2150243	2166408	2142387	2153013	0.57	cps
Indium	115-1	7588670	7544078	7585468	7572739	0.33	cps
Indium	115-2	353767	349191	352682	351880	0.68	cps
Iron	56-2	4028	3834	3890	3917	2.56	cps
Iron	57-2	78	72	94	81	14.19	cps
Krypton	83-1	407	397	357	387	6.84	cps
Lead	206-1	1089	1022	1006	1039	4.24	cps
Lead	207-1	1083	861	928	957	11.91	cps
Lead	208-1	4512	4039	3900	4150	7.72	cps
Lithium	6-1	1693447	1674497	1679470	1682471	0.58	cps
Magnesium	24-2	600	717	500	606	17.91	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:42:58	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	33	40	31	32.73	cps
Molybdenum	94-1	3151	2859	2525	2845	11.00	cps
Molybdenum	95-1	3759	3517	2950	3409	12.18	cps
Molybdenum	96-1	4184	3667	3117	3656	14.59	cps
Molybdenum	97-1	2425	1884	1967	2092	13.95	cps
Molybdenum	98-1	6093	5902	4651	5549	14.12	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	503	470	460	478	4.75	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	3742	3217	3492	3484	7.54	cps
Rhodium	103-1	7072545	7150332	7065624	7096167	0.66	cps
Rhodium	103-2	2036849	2005709	1973827	2005462	1.57	cps
Scandium	45-1	4624603	4656745	4629750	4637033	0.37	cps
Scandium	45-2	38820	37814	37871	38169	1.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	18	22	37	26	39.44	cps
Silicon	28-1	249557	245372	247523	247484	0.85	cps
Silver	109-1	442	450	408	433	5.09	cps
Silver	107-1	492	450	442	461	5.81	cps
Sodium	23-2	10896	10821	10846	10855	0.35	cps
Strontium	86-1	675	642	575	631	8.08	cps
Strontium	88-1	617	442	392	483	24.45	cps
Sulfur	34-1	370681	368177	369821	369560	0.34	cps
Terbium	159-1	9921507	9856570	9816403	9864827	0.54	cps
Terbium	159-2	2123187	2082091	2095558	2100278	1.00	cps
Thallium	203-1	1959	1784	1617	1786	9.57	cps
Thallium	205-1	4434	3967	3817	4073	7.90	cps
Tin	118-1	2767	2959	2434	2720	9.77	cps
Titanium	47-1	275	275	258	269	3.57	cps
Uranium	238-1	550	575	408	511	17.59	cps
Vanadium	51-2	10	7	10	9	21.63	cps
Yttrium	89-1	7838003	7895229	7863440	7865558	0.36	cps
Yttrium	89-2	262756	261640	258399	260932	0.87	cps
Zinc	66-2	103	97	113	104	8.03	cps

LB Number :	LB98309	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2018-10-02 19:42:58	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2350	2484	2125	2320	7.81	cps
Zirconium	91-1	567	492	525	528	7.12	cps