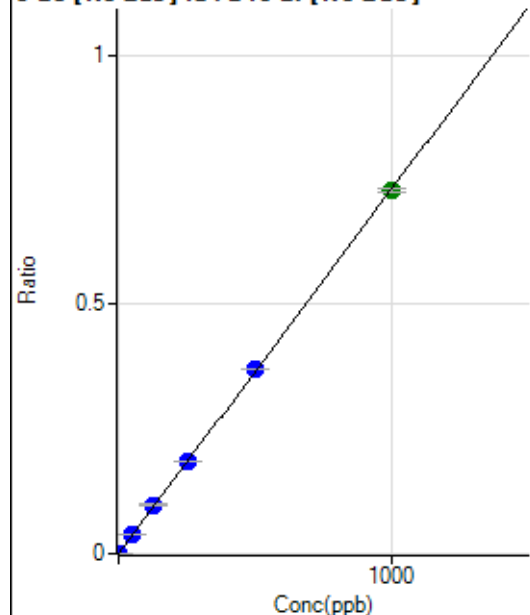


Batch Folder: D:\P8061918 MS.b\
Analysis File: P8061918 MS.batch.bin
DA Date-Time: 2018-06-19 18:44:27
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-06-19 14:20:00
2			
3	005CALS.d	S02	2018-06-19 14:27:23
4	006CALS.d	S03	2018-06-19 14:31:06
5	007CALS.d	S04	2018-06-19 14:34:47
6	008CALS.d	S05	2018-06-19 14:38:22
7	009CALS.d	S06	2018-06-19 14:41:52
8	010CALS.d	S07	2018-06-19 14:45:18
9	011CALS.d	S08	2018-06-19 14:48:38

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	40.74	0.0000	P	33.2
2	☐	0.100					
3	☐	1.000	1.092	1420.49	0.0008	P	12.6
4	☐	50.000	51.975	66957.47	0.0380	P	3.3
5	☐	125.000	132.173	169055.29	0.0966	P	4.0
6	☐	250.000	252.431	332270.78	0.1845	P	0.9
7	☐	500.000	505.448	664681.32	0.3694	P	0.2
8	☐	1000.000	995.673	1328783.28	0.7277	A	1.1
9	☐			420.39	0.0002	P	2.1

$$y = 7.3082\text{E-}004 * x + 2.2473\text{E-}005$$

$$R = 1.0000$$

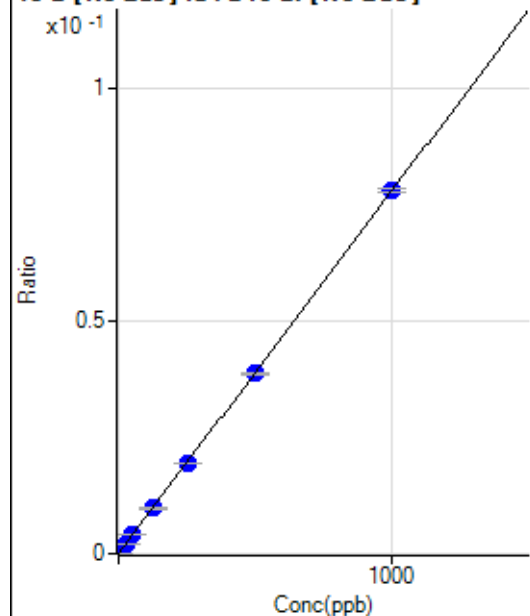
$$DL = 0.03066$$

$$BEC = 0.03075$$

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	105.56	0.0001	P	56.6
2	☐	2.500					
3	☐	25.000	24.699	3431.11	0.0020	P	6.1
4	☐	50.000	51.874	7207.61	0.0041	P	2.0
5	☐	125.000	125.866	17222.04	0.0098	P	3.5
6	☐	250.000	249.091	34971.31	0.0194	P	1.3
7	☐	500.000	497.472	69667.21	0.0387	P	1.0
8	☐	1000.000	1001.297	142220.62	0.0779	P	1.2
9	☐			6587.95	0.0036	P	8.6

$$y = 7.7717\text{E-}005 * x + 5.8416\text{E-}005$$

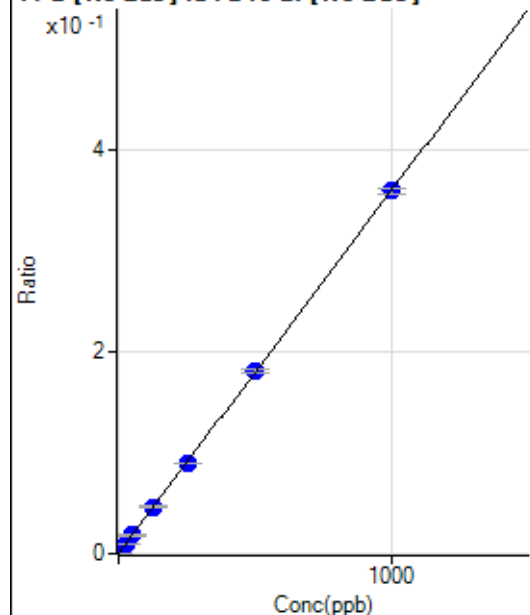
$$R = 1.0000$$

$$DL = 1.276$$

$$BEC = 0.7517$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	402.80	0.0002	P	8.0
2	☐	2.500					
3	☐	25.000	26.008	16582.52	0.0096	P	1.2
4	☐	50.000	50.435	32295.52	0.0183	P	4.4
5	☐	125.000	127.715	80632.53	0.0461	P	3.7
6	☐	250.000	248.961	161399.02	0.0896	P	1.3
7	☐	500.000	501.610	324443.50	0.1803	P	2.5
8	☐	1000.000	999.068	655506.25	0.3589	P	1.4
9	☐			31112.66	0.0168	P	9.6

$$y = 3.5905E-004 * x + 2.2273E-004$$

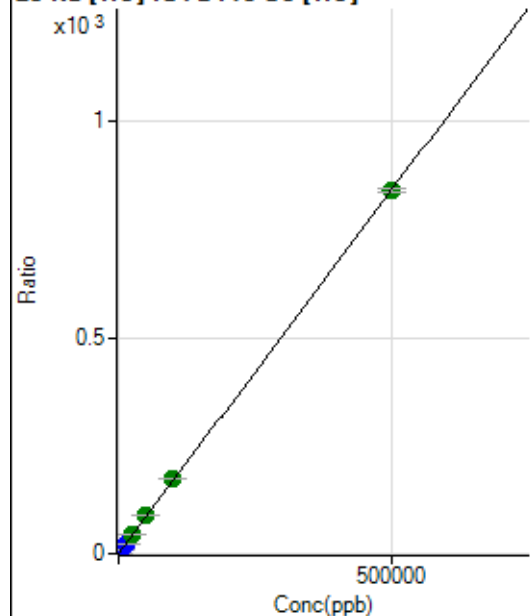
$$R = 1.0000$$

$$DL = 0.1492$$

$$BEC = 0.6203$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5723.63	0.1417	P	0.6
2	☐	50.000					
3	☐	500.000	515.049	41065.71	1.0087	P	0.8
4	☐	5000.000	5262.600	372748.30	9.0004	P	1.7
5	☐	12500.000	13287.593	920284.06	22.5091	P	1.1
6	☐	25000.000	26793.106	1876960.03	45.2433	A	0.9
7	☐	50000.000	52590.921	3653972.52	88.6695	A	1.2
8	☐	100000.00	103322.57	7140752.68	174.0675	A	0.8
9	☐	500000.00	498964.40	35552262.25	840.0624	A	1.2

$$y = 0.0017 * x + 0.1417$$

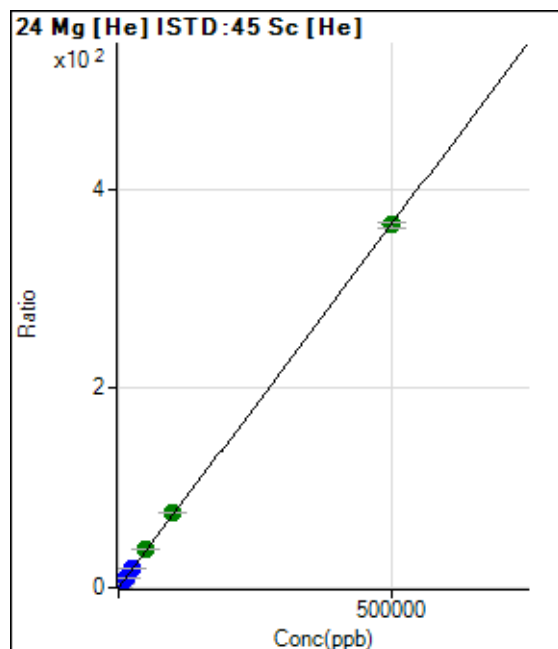
$$R = 1.0000$$

$$DL = 1.403$$

$$BEC = 84.19$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0039	P	6.4
2	☐	50.000					
3	☐	500.000	505.294	15158.75	0.3723	P	2.3
4	☐	5000.000	5237.441	158342.26	3.8231	P	1.1
5	☐	12500.000	13258.190	395437.90	9.6720	P	1.2
6	☐	25000.000	25727.124	778479.46	18.7646	P	0.3
7	☐	50000.000	52114.689	1566218.88	38.0070	A	1.3
8	☐	100000.00	102875.76	3077851.44	75.0230	A	0.9
9	☐	500000.00	499155.68	15404036.11	363.9985	A	1.8

$$y = 7.2922\text{E-}004 * x + 0.0039$$

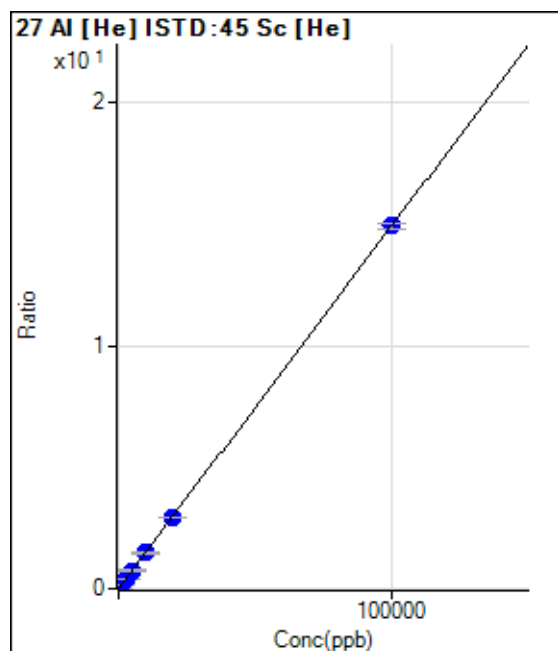
$$R = 1.0000$$

$$DL = 1.01$$

$$BEC = 5.283$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0006	P	100.
2	☐	2.000					
3	☐	20.000	18.719	138.90	0.0034	P	29.9
4	☐	1000.000	1020.664	6326.69	0.1528	P	3.9
5	☐	2500.000	2581.340	15759.36	0.3855	P	1.9
6	☐	5000.000	5025.091	31107.32	0.7498	P	1.4
7	☐	10000.000	9897.934	60831.43	1.4763	P	3.2
8	☐	20000.000	19722.230	120645.80	2.9410	P	1.5
9	☐	100000.00	100062.26	631345.12	14.9187	P	1.7

$$y = 1.4909\text{E-}004 * x + 6.1832\text{E-}004$$

$$R = 1.0000$$

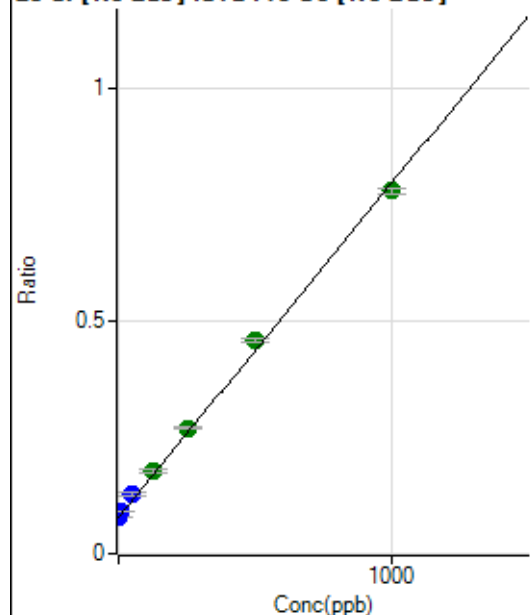
$$DL = 12.48$$

$$BEC = 4.147$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	420504.00	0.0780	P	1.0
2	☐	1.000					
3	☐	10.000	18.896	482141.42	0.0916	P	3.2
4	☐	50.000	69.101	670078.67	0.1277	P	4.4
5	☐	125.000	138.618	940024.35	0.1777	A	4.2
6	☐	250.000	267.500	1490718.71	0.2705	A	2.5
7	☐	500.000	531.662	2530283.56	0.4606	A	1.9
8	☐	1000.000	977.048	4276872.93	0.7812	A	1.4
9	☐			740707.01	0.1360	P	1.2

$$y = 7.1976\text{E-}004 * x + 0.0780$$

$$R = 0.9991$$

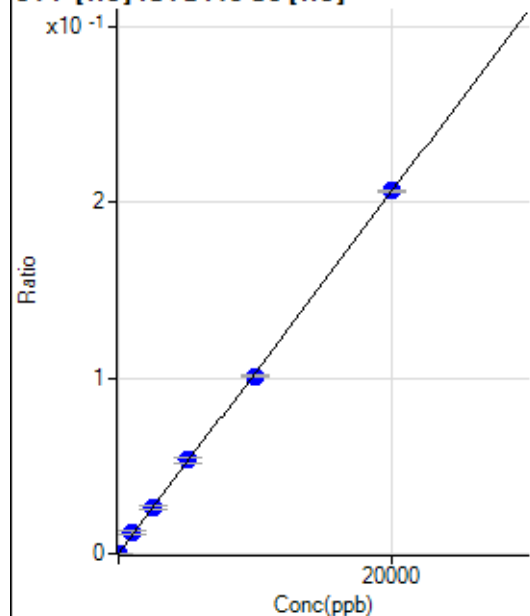
$$DL = 3.183$$

$$BEC = 108.3$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-6.551	2.78	0.0001	P	173.
2	☐	0.000					
3	☐	0.000	6.551	8.33	0.0002	P	173.
4	☐	1000.000	1193.377	513.92	0.0124	P	18.4
5	☐	2500.000	2541.221	1075.09	0.0263	P	6.3
6	☐	5000.000	5173.340	2214.17	0.0534	P	6.8
7	☐	10000.000	9804.967	4164.67	0.1010	P	1.5
8	☐	20000.000	20039.360	8466.77	0.2064	P	0.7
9	☐			13.89	0.0003	P	68.1

$$y = 1.0292\text{E-}005 * x + 1.3630\text{E-}004$$

$$R = 0.9999$$

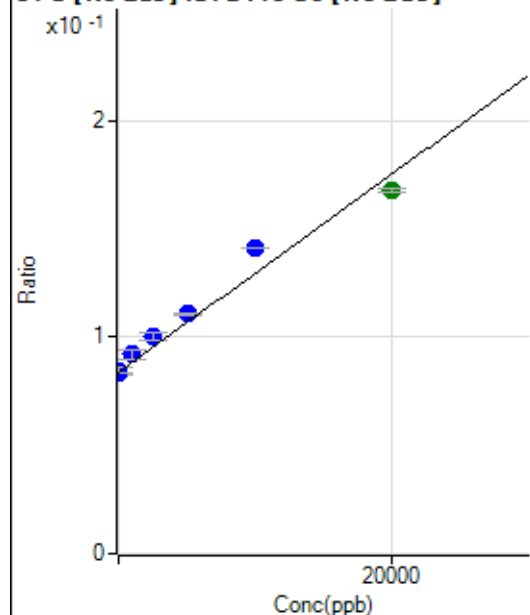
$$DL = 68.82$$

$$BEC = 13.24$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-146.098	448553.74	0.0832	P	0.5
2	☐	0.000					
3	☐	0.000	146.098	444943.46	0.0845	P	3.2
4	☐	1000.000	1816.349	483348.79	0.0921	P	5.0
5	☐	2500.000	3654.080	531767.28	0.1005	P	3.1
6	☐	5000.000	5915.779	610972.21	0.1109	P	1.0
7	☐	10000.000	12548.659	775426.68	0.1412	P	0.1
8	☐	20000.000	18311.648	916864.63	0.1675	A	1.2
9	☐			431218.19	0.0792	P	1.1

$$y = 4.5679\text{E-}006 * x + 0.0838$$

$$R = 0.9845$$

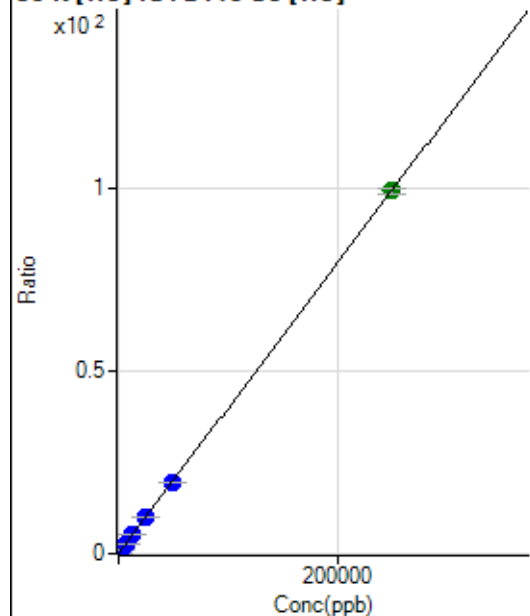
$$DL = 1013$$

$$BEC = 1.835\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2755.96	0.0682	P	4.5
2	☐	50.000					
3	☐	500.000	483.569	10573.90	0.2597	P	1.2
4	☐	2500.000	2508.196	43972.49	1.0615	P	0.8
5	☐	6250.000	6421.321	106756.17	2.6112	P	1.5
6	☐	12500.000	12651.298	210680.95	5.0783	P	1.0
7	☐	25000.000	24944.112	409877.12	9.9464	P	1.5
8	☐	50000.000	49371.973	804884.08	19.6201	P	0.8
9	☐	250000.00	250119.29	4194678.18	99.1186	A	1.5

$$y = 3.9601\text{E-}004 * x + 0.0682$$

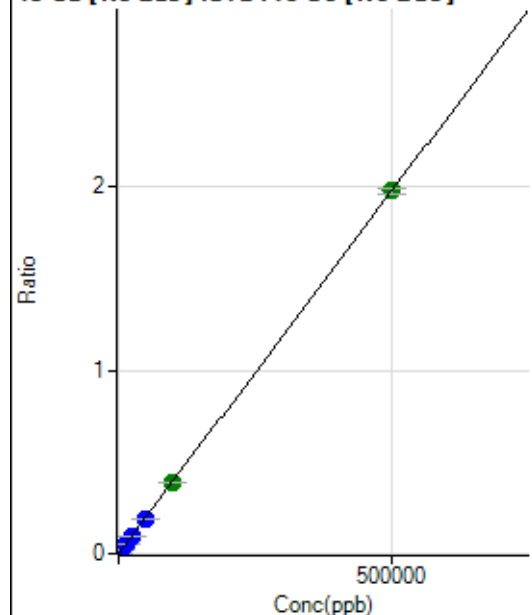
$$R = 1.0000$$

$$DL = 23.3$$

$$BEC = 172.3$$

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	961.19	0.0002	P	15.1
2	☐	50.000					
3	☐	500.000	469.925	10718.43	0.0020	P	5.5
4	☐	5000.000	5056.629	105816.34	0.0202	P	5.9
5	☐	12500.000	12591.204	264331.98	0.0500	P	3.6
6	☐	25000.000	24236.550	529227.78	0.0960	P	0.9
7	☐	50000.000	48631.509	1057443.14	0.1925	P	0.8
8	☐	100000.00	97766.757	2117688.24	0.3868	A	0.3
9	☐	500000.00	500618.85	10785590.86	1.9799	A	1.5

$$y = 3.9545E-006 * x + 1.7818E-004$$

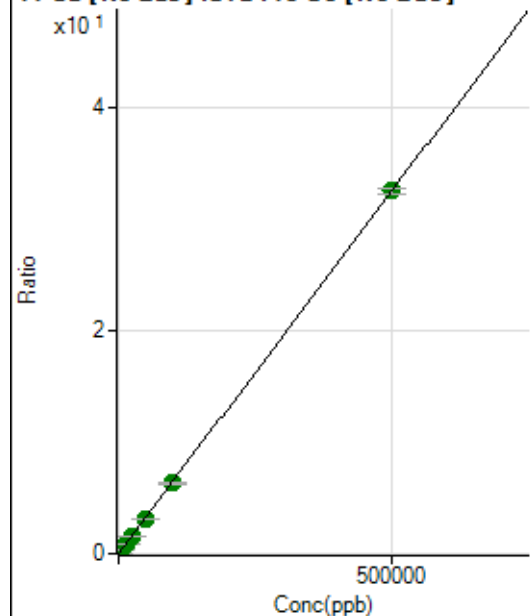
$$R = 1.0000$$

$$DL = 20.36$$

$$BEC = 45.06$$

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	21664.87	0.0040	P	2.5
2	☐	50.000					
3	☐	500.000	477.566	184185.10	0.0350	P	3.5
4	☐	5000.000	5161.765	1776405.57	0.3387	A	5.7
5	☐	12500.000	12667.265	4364703.31	0.8253	A	4.1
6	☐	25000.000	24081.710	8627289.69	1.5653	A	0.9
7	☐	50000.000	48451.890	17278049.17	3.1453	A	0.9
8	☐	100000.00	96967.657	34440910.49	6.2906	A	0.4
9	☐	500000.00	500801.41	176890567.8	32.4720	A	1.7

$$y = 6.4832E-005 * x + 0.0040$$

$$R = 1.0000$$

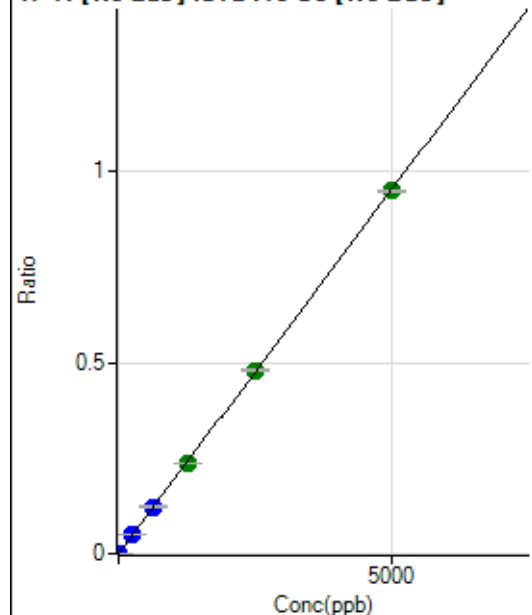
$$DL = 4.692$$

$$BEC = 61.96$$

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	172.23	0.0000	P	21.8
2	☐	0.500					
3	☐	5.000	4.959	5131.72	0.0010	P	12.2
4	☐	250.000	260.475	260424.69	0.0496	P	5.4
5	☐	625.000	642.992	648007.04	0.1225	P	3.4
6	☐	1250.000	1247.454	1309786.05	0.2376	A	0.3
7	☐	2500.000	2522.223	2639257.48	0.4804	A	0.6
8	☐	5000.000	4986.753	5200191.83	0.9499	A	0.9
9	☐			3442.25	0.0006	P	3.3

$$y = 1.9047\text{E-}004 * x + 3.1934\text{E-}005$$

$$R = 1.0000$$

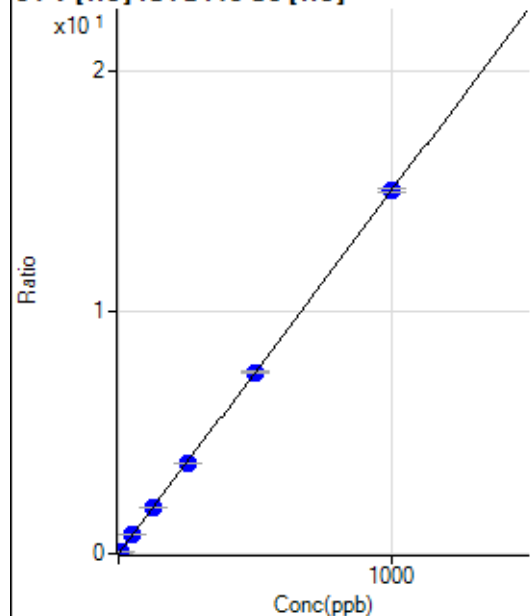
$$DL = 0.1096$$

$$BEC = 0.1677$$

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	18.89	0.0005	P	9.8
2	☐	0.500					
3	☐	5.000	4.732	2915.91	0.0716	P	5.1
4	☐	50.000	50.836	31687.15	0.7650	P	0.8
5	☐	125.000	126.787	77972.31	1.9071	P	1.4
6	☐	250.000	250.048	156021.69	3.7608	P	0.3
7	☐	500.000	500.210	310013.17	7.5228	P	1.1
8	☐	1000.000	999.619	616691.38	15.0331	P	0.9
9	☐			377.79	0.0089	P	9.1

$$y = 0.0150 * x + 4.6760\text{E-}004$$

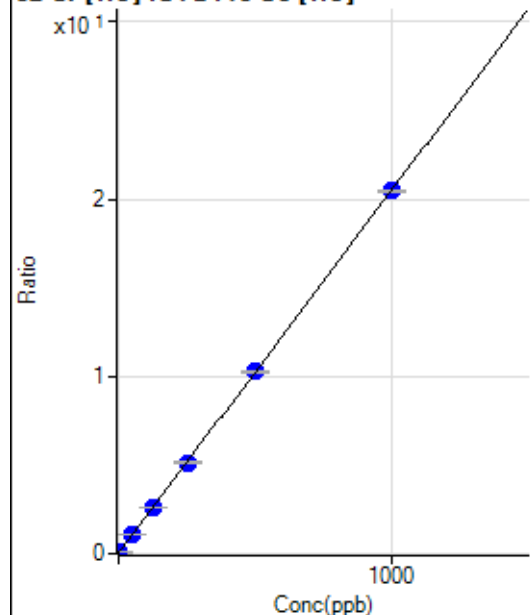
$$R = 1.0000$$

$$DL = 0.009103$$

$$BEC = 0.03109$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	753.37	0.0187	P	3.5
2	☐	0.200					
3	☐	2.000	2.029	2450.26	0.0602	P	6.0
4	☐	50.000	50.894	43910.00	1.0602	P	1.2
5	☐	125.000	127.885	107761.81	2.6357	P	1.3
6	☐	250.000	250.459	213411.54	5.1441	P	0.4
7	☐	500.000	501.313	423532.44	10.2777	P	1.4
8	☐	1000.000	998.823	839293.45	20.4589	P	0.8
9	☐			39820.01	0.9410	P	1.9

$$y = 0.0205 * x + 0.0187$$

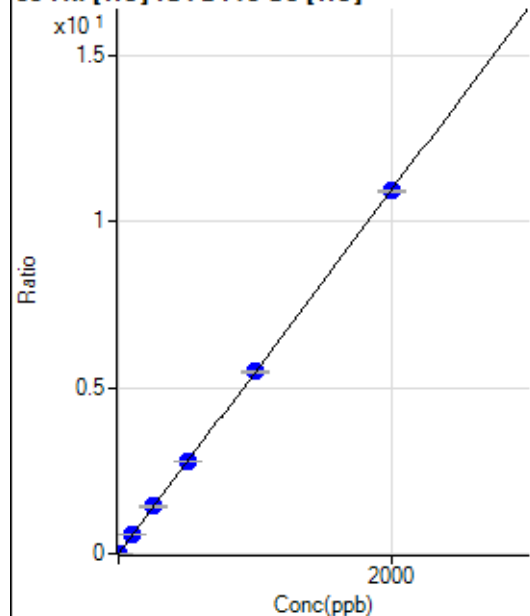
$$R = 1.0000$$

$$DL = 0.09572$$

$$BEC = 0.9115$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.00	0.0007	P	18.9
2	☐	0.100					
3	☐	1.000	1.084	272.23	0.0067	P	17.6
4	☐	100.000	102.009	23179.46	0.5597	P	1.3
5	☐	250.000	259.466	58152.79	1.4224	P	1.8
6	☐	500.000	505.516	114936.90	2.7705	P	1.0
7	☐	1000.000	1002.640	226412.88	5.4943	P	1.5
8	☐	2000.000	1996.017	448678.51	10.9371	P	0.4
9	☐			2415.80	0.0571	P	3.9

$$y = 0.0055 * x + 7.4233E-004$$

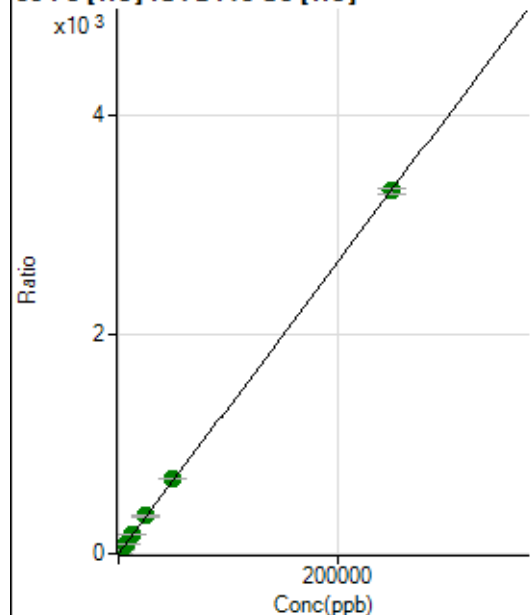
$$R = 1.0000$$

$$DL = 0.07664$$

$$BEC = 0.1355$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1368.63	0.0339	P	4.3
2	☐	5.000					
3	☐	50.000	51.817	29385.20	0.7218	P	0.3
4	☐	2500.000	2693.408	1482400.22	35.7922	A	1.1
5	☐	6250.000	6675.767	3624981.25	88.6629	A	1.0
6	☐	12500.000	13066.503	7198210.00	173.5077	A	0.5
7	☐	25000.000	25896.638	14169553.09	343.8434	A	1.1
8	☐	50000.000	51333.621	27960157.57	681.5504	A	0.7
9	☐	250000.00	249602.70	140240467.9	3,313.814	A	1.4

$$y = 0.0133 * x + 0.0339$$

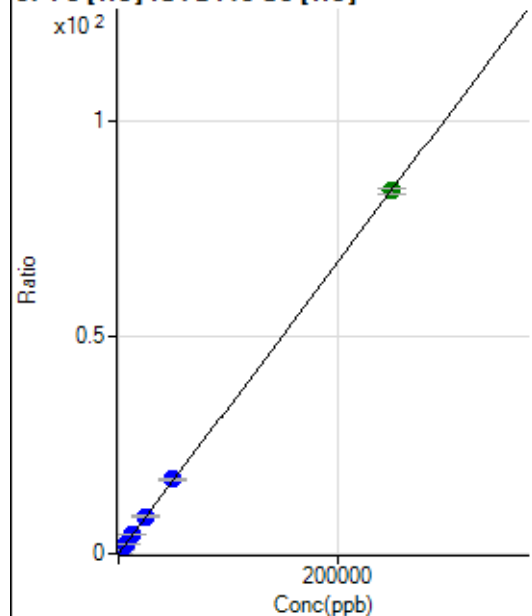
$$R = 1.0000$$

$$DL = 0.3268$$

$$BEC = 2.553$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46.30	0.0011	P	68.6
2	☐	5.000					
3	☐	50.000	50.282	733.38	0.0180	P	10.9
4	☐	2500.000	2622.313	36496.50	0.8813	P	2.7
5	☐	6250.000	6635.725	91109.05	2.2284	P	1.1
6	☐	12500.000	12935.587	180173.26	4.3430	P	1.0
7	☐	25000.000	25754.403	356270.54	8.6456	P	1.4
8	☐	50000.000	51081.115	703394.31	17.1465	P	0.8
9	☐	250000.00	249675.69	3546669.49	83.8048	A	1.3

$$y = 3.3565E-004 * x + 0.0011$$

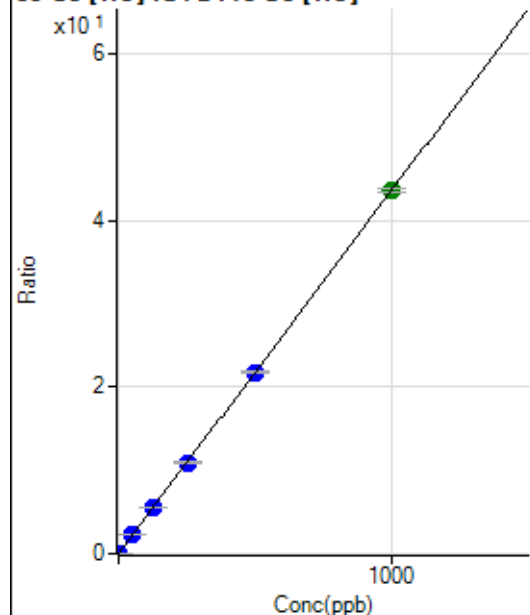
$$R = 1.0000$$

$$DL = 7.011$$

$$BEC = 3.406$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	96.67	0.0024	P	26.0
2	☐	0.100					
3	☐	1.000	1.023	1912.39	0.0470	P	5.0
4	☐	50.000	50.643	91541.75	2.2103	P	1.1
5	☐	125.000	128.143	228507.44	5.5890	P	1.0
6	☐	250.000	251.453	454895.63	10.9649	P	0.6
7	☐	500.000	500.172	898694.88	21.8082	P	1.2
8	☐	1000.000	999.126	1787028.72	43.5609	A	0.9
9	☐			3188.20	0.0753	P	1.5

$$y = 0.0436 * x + 0.0024$$

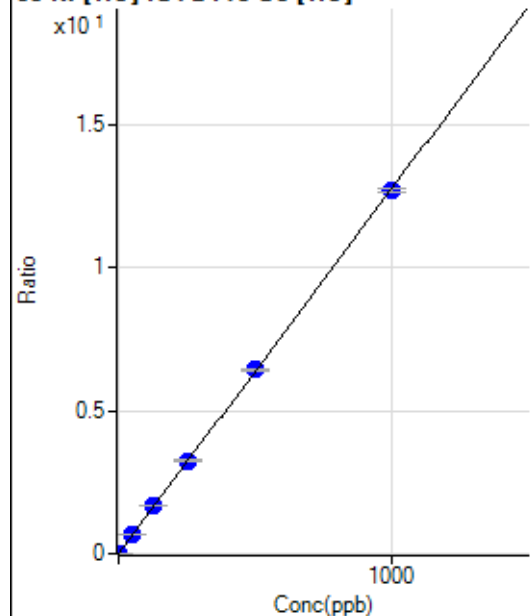
$$R = 1.0000$$

$$DL = 0.04286$$

$$BEC = 0.0549$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	54.44	0.0013	P	14.3
2	☐	0.100					
3	☐	1.000	1.061	605.58	0.0149	P	12.6
4	☐	50.000	52.320	27707.80	0.6689	P	2.6
5	☐	125.000	131.955	68893.99	1.6850	P	0.6
6	☐	250.000	255.338	135215.38	3.2593	P	0.8
7	☐	500.000	505.405	265798.19	6.4500	P	1.1
8	☐	1000.000	994.978	520837.81	12.6966	P	1.2
9	☐			15545.52	0.3673	P	1.3

$$y = 0.0128 * x + 0.0013$$

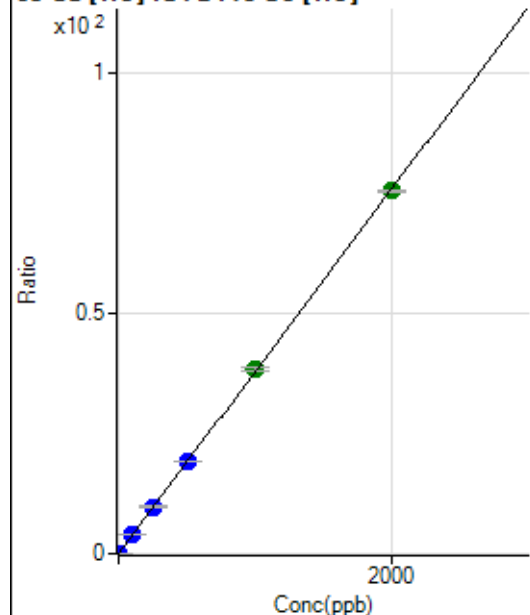
$$R = 0.9999$$

$$DL = 0.04538$$

$$BEC = 0.1057$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	286.68	0.0071	P	7.8
2	☐	0.200					
3	☐	2.000	2.081	3497.17	0.0859	P	2.1
4	☐	100.000	102.533	161084.22	3.8895	P	1.6
5	☐	250.000	257.294	398609.78	9.7495	P	1.0
6	☐	500.000	505.430	794261.33	19.1451	P	0.5
7	☐	1000.000	1012.352	1579833.24	38.3396	A	2.3
8	☐	2000.000	1991.428	3093643.25	75.4122	A	0.8
9	☐			7275.35	0.1719	P	1.7

$$y = 0.0379 * x + 0.0071$$

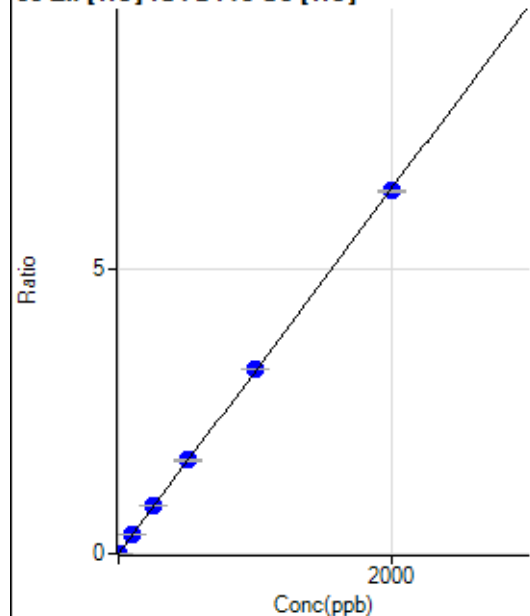
$$R = 1.0000$$

$$DL = 0.04382$$

$$BEC = 0.1874$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	70.00	0.0017	P	11.9
2	☐	0.200					
3	☐	2.000	1.952	325.57	0.0080	P	6.5
4	☐	100.000	104.977	14021.70	0.3386	P	1.7
5	☐	250.000	261.710	34402.85	0.8415	P	1.1
6	☐	500.000	513.907	68478.18	1.6507	P	1.5
7	☐	1000.000	1012.222	133912.81	3.2495	P	0.8
8	☐	2000.000	1988.700	261833.68	6.3827	P	0.8
9	☐			1626.79	0.0384	P	4.1

$$y = 0.0032 * x + 0.0017$$

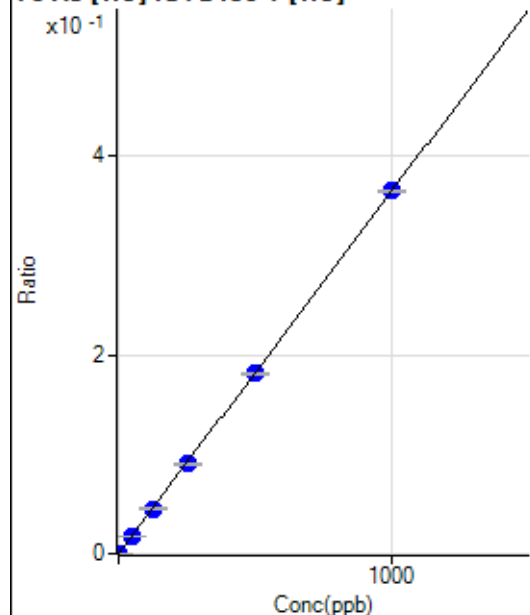
$$R = 0.9999$$

$$DL = 0.1932$$

$$BEC = 0.5399$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.32	0.0000	P	66.1
2	☐	0.100					
3	☐	1.000	1.024	102.47	0.0004	P	13.2
4	☐	50.000	49.367	4794.09	0.0180	P	3.5
5	☐	125.000	124.416	11979.35	0.0454	P	1.6
6	☐	250.000	247.355	23810.08	0.0902	P	1.6
7	☐	500.000	498.574	47546.90	0.1819	P	1.2
8	☐	1000.000	1001.479	93713.84	0.3653	P	0.5
9	☐			58.64	0.0002	P	26.1

$$y = 3.6478\text{E-}004 * x + 1.6573\text{E-}005$$

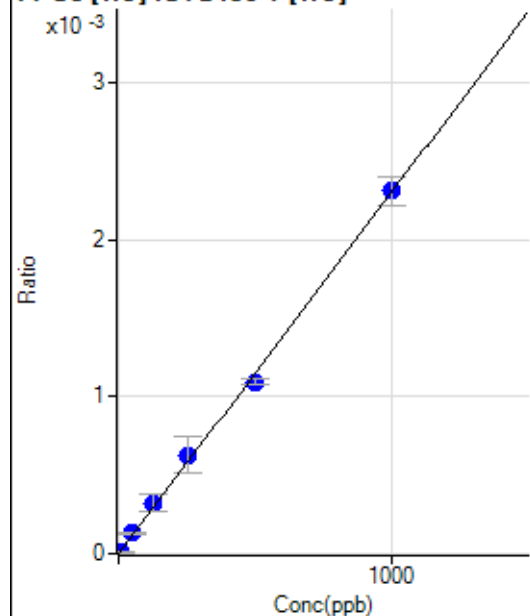
$$R = 1.0000$$

$$DL = 0.09012$$

$$BEC = 0.04543$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	3.666	2.22	0.0000	P	173.
4	☐	50.000	56.221	34.44	0.0001	P	6.3
5	☐	125.000	140.811	85.56	0.0003	P	37.2
6	☐	250.000	272.520	165.56	0.0006	P	37.4
7	☐	500.000	476.070	286.68	0.0011	P	4.3
8	☐	1000.000	1004.054	593.36	0.0023	P	7.7
9	☐			0.00	0.0000	P	

$$y = 2.3036\text{E-}006 * x + 0.0000\text{E+}000$$

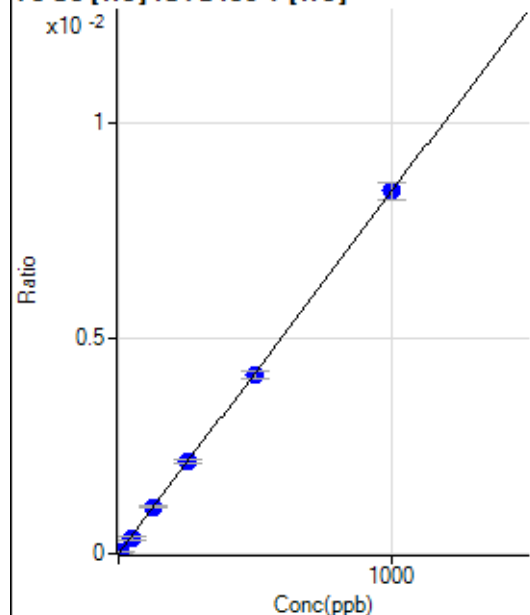
$$R = 0.9992$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.23	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	3.916	9.88	0.0000	P	28.2
4	☐	50.000	42.344	95.68	0.0004	P	15.0
5	☐	125.000	128.854	286.42	0.0011	P	5.9
6	☐	250.000	254.711	564.83	0.0021	P	2.5
7	☐	500.000	494.140	1084.62	0.0041	P	4.0
8	☐	1000.000	1001.658	2156.36	0.0084	P	5.0
9	☐			4.32	0.0000	P	65.8

$$y = 8.3874\text{E-}006 * x + 4.7065\text{E-}006$$

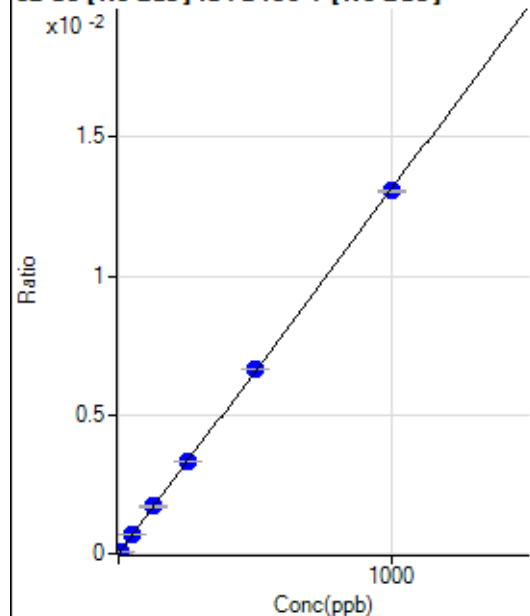
$$R = 0.9999$$

$$DL = 2.916$$

$$BEC = 0.5611$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-26.67	0.0000	P	-82.
2	☐	0.500					
3	☐	5.000	5.146	539.57	0.0001	P	7.4
4	☐	50.000	52.264	5839.85	0.0007	P	2.0
5	☐	125.000	131.431	14620.95	0.0017	P	4.0
6	☐	250.000	254.023	29283.20	0.0033	P	1.2
7	☐	500.000	506.034	58542.92	0.0066	P	0.7
8	☐	1000.000	995.059	115992.51	0.0131	P	0.3
9	☐			82.96	0.0000	P	23.8

$$y = 1.3129\text{E-}005 * x - 3.0952\text{E-}006$$

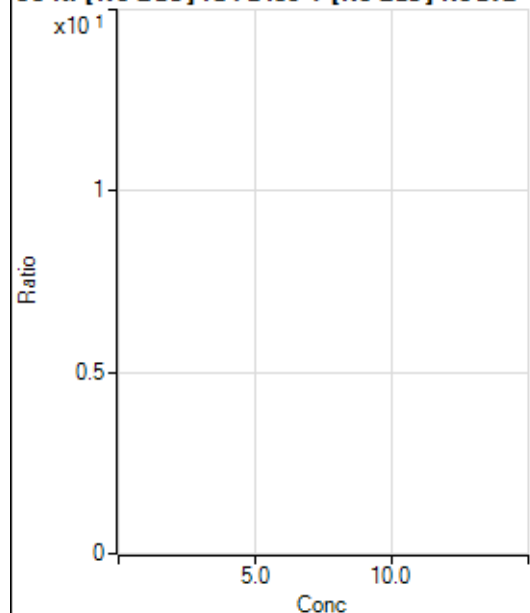
$$R = 1.0000$$

$$DL = 0.5808$$

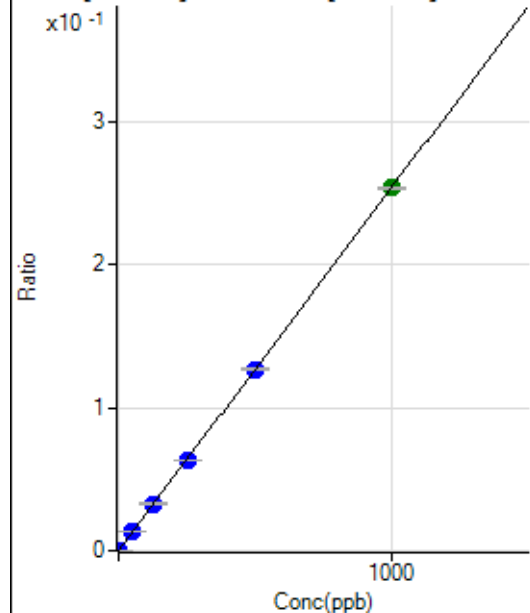
$$BEC = -0.2358$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			348.90	0.0000	P	8.7
2	☐						
3	☐			374.46	0.0000	P	7.1
4	☐			364.46	0.0000	P	10.2
5	☐			366.68	0.0000	P	10.1
6	☐			387.79	0.0000	P	6.9
7	☐			392.24	0.0000	P	7.8
8	☐			325.57	0.0000	P	7.0
9	☐			357.79	0.0000	P	12.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	566.71	0.0001	P	23.8
2	☐	0.100					
3	☐	1.000	1.013	2700.41	0.0003	P	9.6
4	☐	50.000	51.255	111764.70	0.0131	P	3.4
5	☐	125.000	128.444	277333.18	0.0327	P	3.8
6	☐	250.000	249.288	556748.34	0.0633	P	0.3
7	☐	500.000	499.954	1119400.37	0.1270	P	1.1
8	☐	1000.000	999.708	2254363.87	0.2538	A	0.2
9	☐			81476.64	0.0093	P	0.9

$$y = 2.5385E-004 * x + 6.5885E-005$$

$$R = 1.0000$$

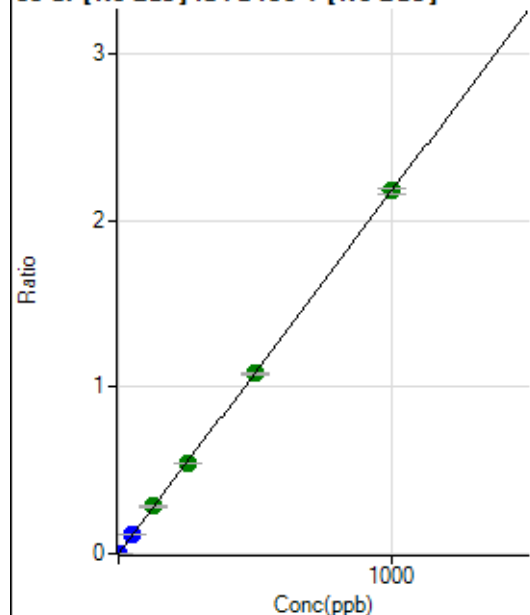
$$DL = 0.1854$$

$$BEC = 0.2595$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	169.45	0.0000	P	46.9
2	☐	0.100					
3	☐	1.000	1.075	19759.55	0.0024	P	2.5
4	☐	50.000	51.468	957518.15	0.1120	P	3.7
5	☐	125.000	130.374	2409101.20	0.2838	A	3.6
6	☐	250.000	250.691	4795823.37	0.5457	A	0.4
7	☐	500.000	496.744	9531616.27	1.0812	A	1.5
8	☐	1000.000	1000.710	19343094.36	2.1781	A	1.3
9	☐			698987.25	0.0800	P	1.4

$$y = 0.0022 * x + 1.9693E-005$$

$$R = 1.0000$$

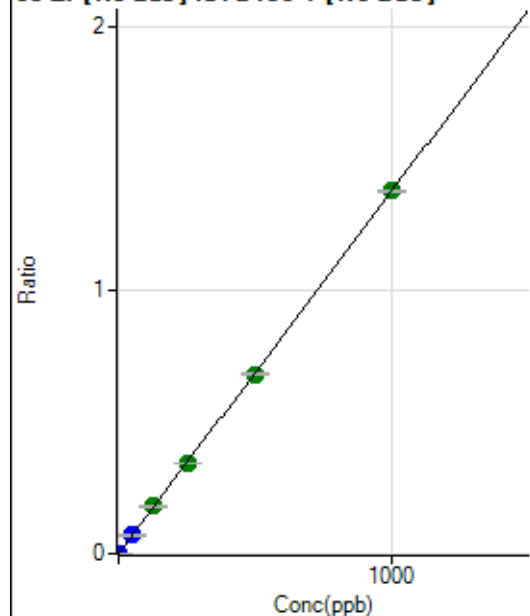
$$DL = 0.01272$$

$$BEC = 0.009048$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	875.07	0.0001	P	5.0
2	☐	0.100					
3	☐	1.000	0.955	11858.47	0.0014	P	3.2
4	☐	50.000	50.988	600591.66	0.0703	P	4.0
5	☐	125.000	130.517	1525683.80	0.1797	A	4.1
6	☐	250.000	251.675	3045475.76	0.3465	A	0.3
7	☐	500.000	494.942	6006544.75	0.6813	A	1.3
8	☐	1000.000	1001.371	12241148.28	1.3784	A	0.4
9	☐			5784.84	0.0007	P	9.6

$$y = 0.0014 * x + 1.0175E-004$$

$$R = 1.0000$$

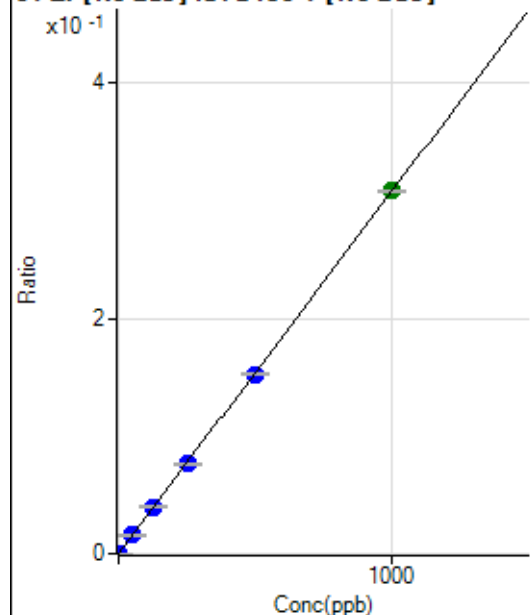
$$DL = 0.0111$$

$$BEC = 0.07392$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	158.34	0.0000	P	13.9
2	☐	0.100					
3	☐	1.000	0.870	2397.55	0.0003	P	2.5
4	☐	50.000	50.694	133466.46	0.0156	P	4.4
5	☐	125.000	128.171	335030.44	0.0395	P	3.5
6	☐	250.000	247.073	668478.08	0.0761	P	0.2
7	☐	500.000	496.082	1346126.76	0.1527	P	0.6
8	☐	1000.000	1002.260	2739483.76	0.3085	A	0.6
9	☐			1344.57	0.0002	P	3.8

$$y = 3.0776\text{E-}004 * x + 1.8405\text{E-}005$$

$$R = 1.0000$$

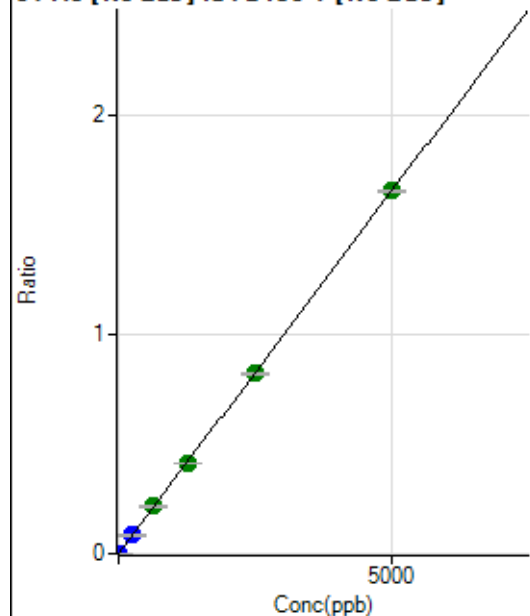
$$DL = 0.02487$$

$$BEC = 0.0598$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	386.13	0.0000	P	8.0
2	☐	0.500					
3	☐	5.000	4.742	13501.71	0.0016	P	3.4
4	☐	250.000	253.808	717257.46	0.0839	P	4.5
5	☐	625.000	653.855	1835459.33	0.2162	A	3.3
6	☐	1250.000	1246.817	3622616.36	0.4122	A	0.9
7	☐	2500.000	2482.770	7235582.37	0.8207	A	0.7
8	☐	5000.000	5005.614	14694713.87	1.6547	A	0.7
9	☐			21709.85	0.0025	P	2.8

$$y = 3.3056\text{E-}004 * x + 4.4870\text{E-}005$$

$$R = 1.0000$$

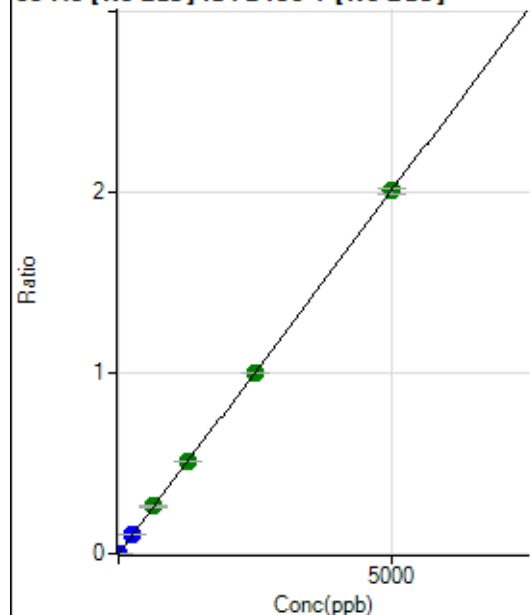
$$DL = 0.03242$$

$$BEC = 0.1357$$

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	102.78	0.0000	P	40.5
2	☐	0.500					
3	☐	5.000	5.006	16922.27	0.0020	P	4.5
4	☐	250.000	257.066	882060.01	0.1032	P	3.6
5	☐	625.000	654.683	2231092.89	0.2628	A	3.9
6	☐	1250.000	1263.733	4458956.26	0.5073	A	0.5
7	☐	2500.000	2488.430	8806898.64	0.9990	A	0.8
8	☐	5000.000	4998.288	17818854.22	2.0066	A	1.3
9	☐			34316.54	0.0039	P	1.7

$$y = 4.0145\text{E-}004 * x + 1.1965\text{E-}005$$

$$R = 1.0000$$

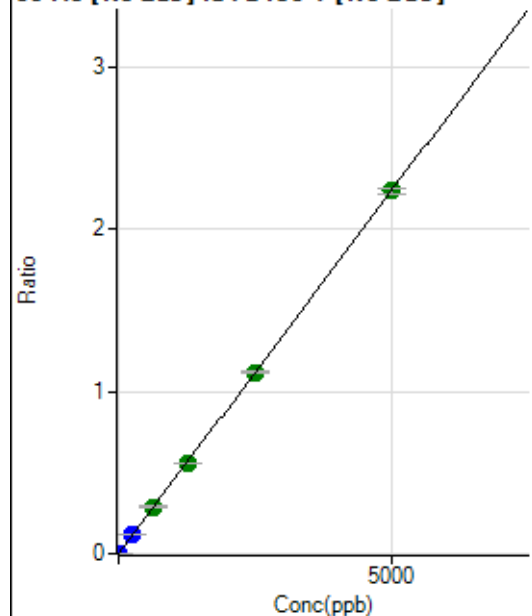
$$DL = 0.03626$$

$$BEC = 0.02981$$

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	233.35	0.0000	P	7.1
2	☐	0.500					
3	☐	5.000	5.072	19211.64	0.0023	P	2.5
4	☐	250.000	256.818	980906.73	0.1148	P	3.6
5	☐	625.000	646.452	2451831.98	0.2889	A	4.3
6	☐	1250.000	1253.494	4922575.50	0.5601	A	0.8
7	☐	2500.000	2495.132	9828370.70	1.1149	A	1.4
8	☐	5000.000	4998.538	19833121.45	2.2334	A	1.5
9	☐			39063.01	0.0045	P	1.6

$$y = 4.4681\text{E-}004 * x + 2.7126\text{E-}005$$

$$R = 1.0000$$

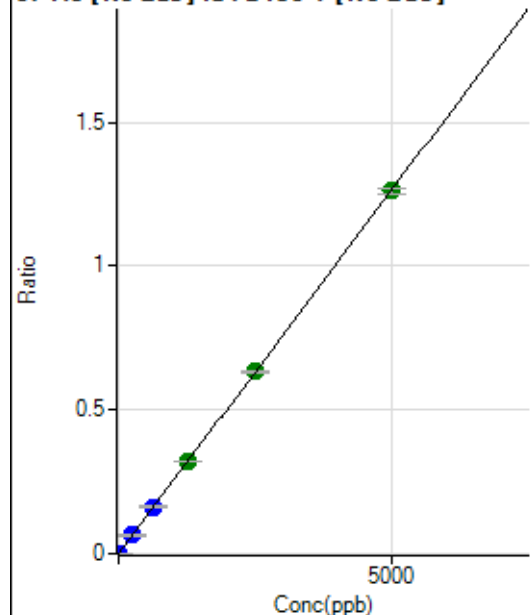
$$DL = 0.01292$$

$$BEC = 0.06071$$

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	141.68	0.0000	P	20.9
2	☐	0.500					
3	☐	5.000	5.133	11002.24	0.0013	P	3.5
4	☐	250.000	253.654	548127.77	0.0641	P	3.7
5	☐	625.000	640.700	1374987.26	0.1620	P	3.9
6	☐	1250.000	1269.652	2820953.58	0.3210	A	1.0
7	☐	2500.000	2503.716	5579803.59	0.6329	A	0.8
8	☐	5000.000	4991.084	11204335.50	1.2617	A	1.3
9	☐			21698.73	0.0025	P	3.3

$$y = 2.5279\text{E-}004 * x + 1.6481\text{E-}005$$

$$R = 1.0000$$

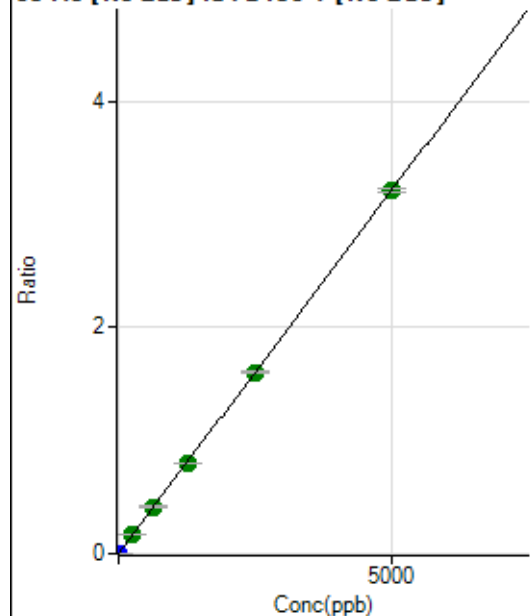
$$DL = 0.04086$$

$$BEC = 0.0652$$

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	211.12	0.0000	P	16.5
2	☐	0.500					
3	☐	5.000	5.092	27590.18	0.0033	P	3.4
4	☐	250.000	258.255	1417817.32	0.1659	A	3.5
5	☐	625.000	647.690	3531153.59	0.4160	A	4.2
6	☐	1250.000	1247.865	7044128.72	0.8015	A	1.0
7	☐	2500.000	2501.505	14164386.08	1.6067	A	0.5
8	☐	5000.000	4996.532	28498816.61	3.2092	A	1.0
9	☐			55063.00	0.0063	P	2.7

$$y = 6.4227\text{E-}004 * x + 2.4560\text{E-}005$$

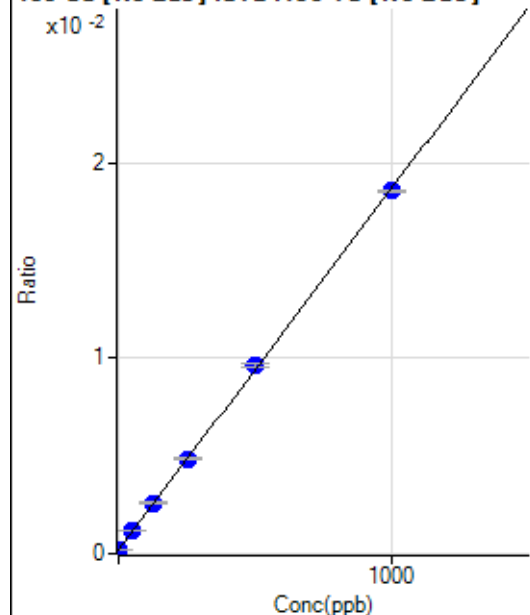
$$R = 1.0000$$

$$DL = 0.01895$$

$$BEC = 0.03824$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1780.76	0.0002	P	9.6
2	☐	0.100					
3	☐	1.000	2.193	2116.94	0.0002	P	2.3
4	☐	50.000	53.371	11377.54	0.0012	P	2.2
5	☐	125.000	130.757	25154.95	0.0026	P	3.5
6	☐	250.000	252.445	48769.71	0.0049	P	1.8
7	☐	500.000	510.440	96958.26	0.0096	P	2.0
8	☐	1000.000	993.279	192409.11	0.0186	P	0.6
9	☐			2039.13	0.0002	P	8.0

$$y = 1.8503\text{E-}005 * x + 1.8398\text{E-}004$$

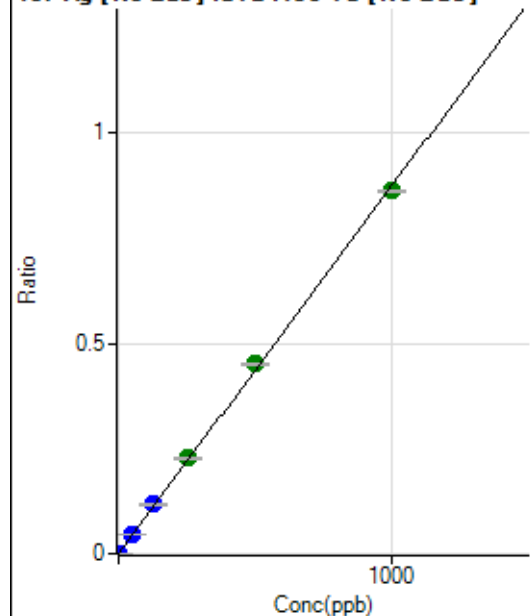
$$R = 0.9999$$

$$DL = 2.856$$

$$BEC = 9.943$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0000	P	16.3
2	☐	0.100					
3	☐	1.000	1.082	8953.37	0.0010	P	6.1
4	☐	50.000	53.176	450583.44	0.0464	P	2.6
5	☐	125.000	133.672	1126889.26	0.1166	P	3.4
6	☐	250.000	260.223	2280629.15	0.2270	A	1.4
7	☐	500.000	517.350	4545168.24	0.4513	A	1.2
8	☐	1000.000	987.527	8930261.57	0.8615	A	0.7
9	☐			1358.47	0.0001	P	1.4

$$y = 8.7240\text{E-}004 * x + 6.3192\text{E-}006$$

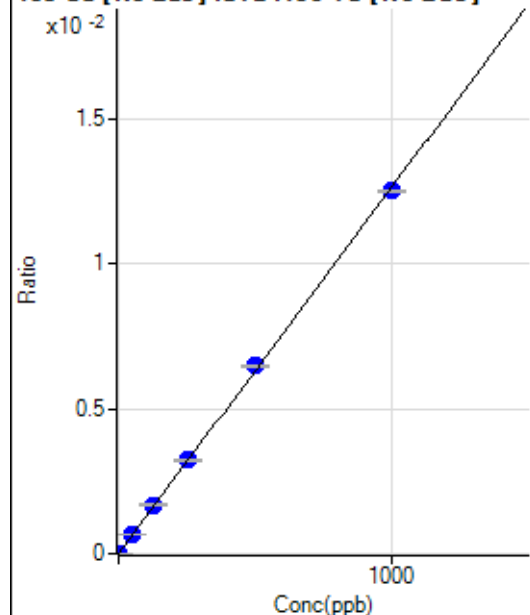
$$R = 0.9997$$

$$DL = 0.003542$$

$$BEC = 0.007243$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.95	0.0000	P	68.6
2	☐	0.100					
3	☐	1.000	1.082	136.12	0.0000	P	21.6
4	☐	50.000	52.195	6403.04	0.0007	P	2.7
5	☐	125.000	133.147	16240.63	0.0017	P	3.2
6	☐	250.000	256.791	32549.36	0.0032	P	2.2
7	☐	500.000	512.432	65104.87	0.0065	P	1.4
8	☐	1000.000	990.958	129592.01	0.0125	P	0.3
9	☐			65.28	0.0000	P	32.1

$$y = 1.2615\text{E-}005 * x + 7.1584\text{E-}007$$

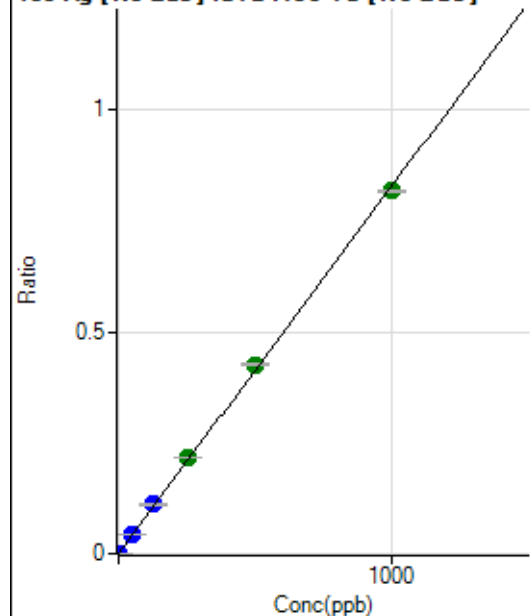
$$R = 0.9998$$

$$DL = 0.1167$$

$$BEC = 0.05674$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.56	0.0000	P	38.4
2	☐	0.100					
3	☐	1.000	1.071	8411.35	0.0009	P	5.1
4	☐	50.000	53.135	427361.40	0.0440	P	2.5
5	☐	125.000	133.695	1069957.36	0.1107	P	2.5
6	☐	250.000	261.252	2173285.25	0.2163	A	1.2
7	☐	500.000	515.804	4301045.67	0.4271	A	1.7
8	☐	1000.000	988.041	8480872.84	0.8182	A	0.4
9	☐			1255.68	0.0001	P	11.5

$$y = 8.2806\text{E-}004 * x + 5.7489\text{E-}006$$

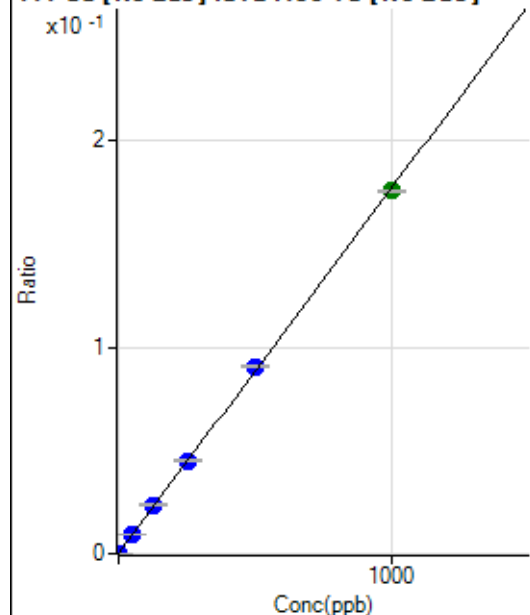
$$R = 0.9997$$

$$DL = 0.007988$$

$$BEC = 0.006943$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1245.83	0.0001	P	9.2
2	☐	0.100					
3	☐	1.000	1.117	3078.39	0.0003	P	2.0
4	☐	50.000	52.517	91544.12	0.0094	P	2.6
5	☐	125.000	132.234	227471.01	0.0235	P	3.1
6	☐	250.000	253.150	451523.88	0.0449	P	1.2
7	☐	500.000	510.930	912199.05	0.0906	P	1.1
8	☐	1000.000	992.718	1823154.50	0.1759	A	0.5
9	☐			1873.38	0.0002	P	2.4

$$y = 1.7704\text{E-}004 * x + 1.2871\text{E-}004$$

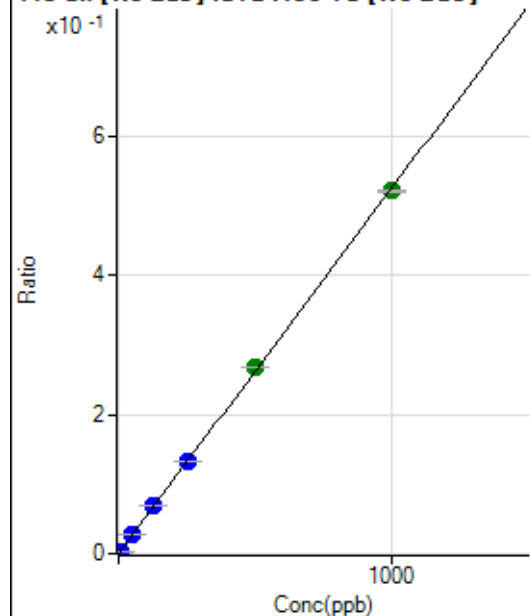
$$R = 0.9999$$

$$DL = 0.2003$$

$$BEC = 0.727$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	561.15	0.0001	P	10.4
2	☐	0.500					
3	☐	5.000	5.456	27523.75	0.0029	P	1.5
4	☐	50.000	51.870	264695.30	0.0273	P	2.5
5	☐	125.000	131.034	664511.12	0.0688	P	3.0
6	☐	250.000	253.408	1335402.99	0.1329	P	1.1
7	☐	500.000	509.663	2691783.33	0.2673	A	0.6
8	☐	1000.000	993.467	5400293.26	0.5210	A	0.4
9	☐			19066.95	0.0019	P	3.1

$$y = 5.2435\text{E-}004 * x + 5.8011\text{E-}005$$

$$R = 0.9999$$

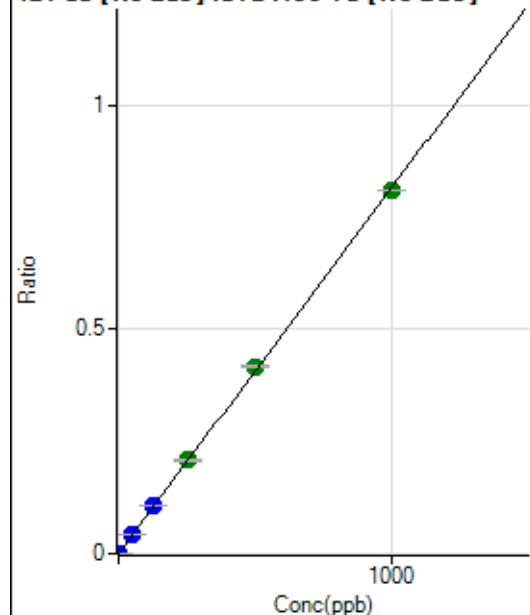
$$DL = 0.03438$$

$$BEC = 0.1106$$

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	86.12	0.0000	P	34.7
2	☐	0.200					
3	☐	2.000	2.021	15587.51	0.0017	P	5.9
4	☐	50.000	51.436	406909.30	0.0419	P	2.5
5	☐	125.000	131.061	1031606.33	0.1067	P	2.7
6	☐	250.000	255.717	2092345.97	0.2083	A	0.8
7	☐	500.000	511.012	4191168.15	0.4162	A	0.9
8	☐	1000.000	992.235	8376679.09	0.8081	A	0.2
9	☐			21128.71	0.0021	P	7.3

$$y = 8.1443\text{E-}004 * x + 8.9124\text{E-}006$$

$$R = 0.9999$$

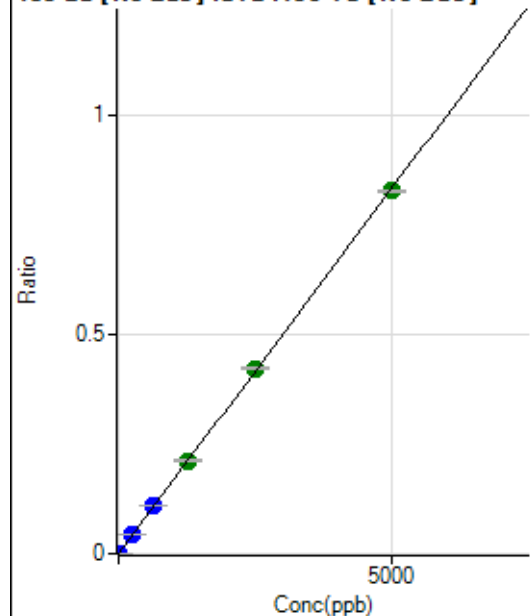
$$DL = 0.0114$$

$$BEC = 0.01094$$

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	30.56	0.0000	P	42.2
2	☐	1.000					
3	☐	10.000	10.290	16168.86	0.0017	P	3.5
4	☐	250.000	256.447	414575.29	0.0427	P	2.2
5	☐	625.000	658.174	1058639.25	0.1095	P	2.8
6	☐	1250.000	1273.027	2128534.84	0.2119	A	1.4
7	☐	2500.000	2537.601	4253259.51	0.4224	A	0.5
8	☐	5000.000	4970.973	8576159.13	0.8274	A	0.3
9	☐			3850.75	0.0004	P	11.5

$$y = 1.6644\text{E-}004 * x + 3.1619\text{E-}006$$

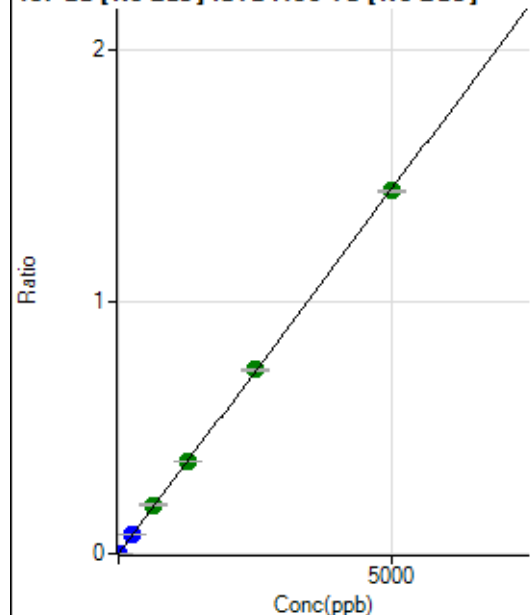
$$R = 0.9999$$

$$DL = 0.02404$$

$$BEC = 0.019$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	63.89	0.0000	P	19.1
2	☐	1.000					
3	☐	10.000	10.225	27944.33	0.0030	P	5.2
4	☐	250.000	259.100	728504.11	0.0750	P	2.3
5	☐	625.000	665.764	1862452.17	0.1927	A	3.1
6	☐	1250.000	1272.093	3699466.44	0.3683	A	0.9
7	☐	2500.000	2521.849	7351925.60	0.7300	A	0.2
8	☐	5000.000	4978.002	14937647.90	1.4411	A	0.6
9	☐			6215.61	0.0006	P	0.2

$$y = 2.8948E-004 * x + 6.5946E-006$$

$$R = 1.0000$$

$$DL = 0.01308$$

$$BEC = 0.02278$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.00		P	57.7
2	☐						
3	☐			6.67		P	100.
4	☐			31.11		P	49.5
5	☐			31.11		P	75.3
6	☐			88.89		P	45.2
7	☐			162.23		P	21.1
8	☐			502.25		P	15.8
9	☐			86.67		P	13.3

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			2.22		P	173.
6	☐			4.44		P	43.4
7	☐			2.22		P	86.6
8	☐			36.66		P	15.7
9	☐			18.89		P	62.0

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	43.3
2	☐						
3	☐			13.89		P	91.6
4	☐			13.89		P	34.7
5	☐			41.67		P	34.6
6	☐			27.78		P	91.6
7	☐			63.89		P	19.9
8	☐			222.23		P	11.5
9	☐			133.34		P	33.1

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			1.11		P	173.
4	☐			0.00		P	
5	☐			2.22		P	86.6
6	☐			2.22		P	173.
7	☐			1.11		P	173.
8	☐			35.56		P	5.4
9	☐			21.11		P	9.1

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			80.56		P	33.3
2	☐						
3	☐			58.33		P	37.8
4	☐			61.11		P	20.8
5	☐			69.45		P	54.1
6	☐			86.12		P	48.7
7	☐			66.67		P	37.5
8	☐			225.01		P	25.7
9	☐			86.11		P	39.1

160 Gd [He] No available calibration points

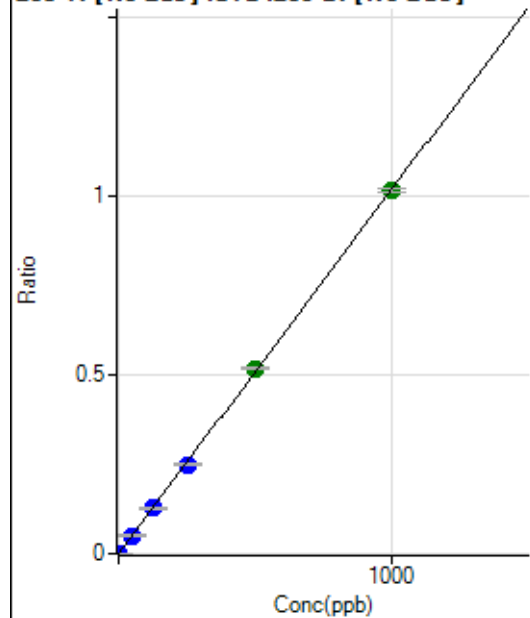
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐						
3	☐			7.78		P	24.7
4	☐			10.00		P	88.2
5	☐			10.00		P	57.7
6	☐			6.67		P	50.0
7	☐			10.00		P	100.
8	☐			52.22		P	20.5
9	☐			18.89		P	71.3

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	57.3
2	☐						
3	☐			44.45		P	57.3
4	☐			55.56		P	31.2
5	☐			25.00		P	88.2
6	☐			44.45		P	39.0
7	☐			52.78		P	9.1
8	☐			102.78		P	9.4
9	☐			61.11		P	28.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			14.44		P	81.1
4	☐			14.44		P	35.3
5	☐			10.00		P	33.3
6	☐			2.22		P	173.
7	☐			8.89		P	57.3
8	☐			23.33		P	14.3
9	☐			8.89		P	78.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	88.89	0.0000	P	19.5
2	☐	0.100					
3	☐	1.000	1.037	6126.77	0.0011	P	2.2
4	☐	50.000	49.620	293175.29	0.0506	P	3.1
5	☐	125.000	126.116	741341.55	0.1285	P	4.2
6	☐	250.000	245.556	1500989.48	0.2502	P	1.2
7	☐	500.000	508.630	3091345.40	0.5182	A	1.1
8	☐	1000.000	996.675	6214019.63	1.0155	A	1.2
9	☐			3920.25	0.0007	P	7.2

$$y = 0.0010 * x + 1.5082E-005$$

$$R = 0.9999$$

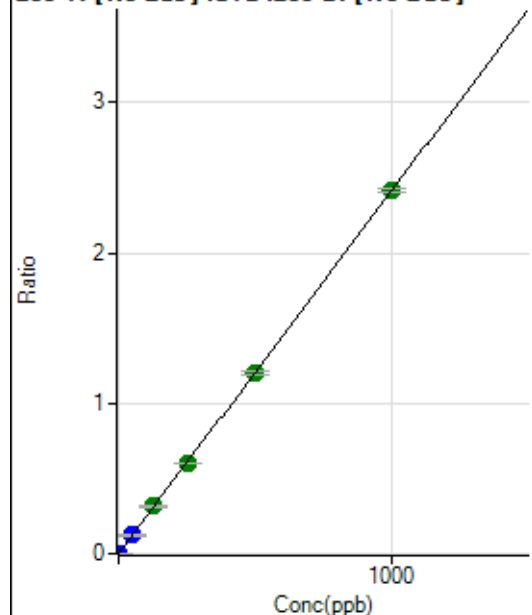
$$DL = 0.008662$$

$$BEC = 0.0148$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	213.90	0.0000	P	19.8
2	☐	0.100					
3	☐	1.000	1.008	14097.34	0.0025	P	4.8
4	☐	50.000	50.394	705144.55	0.1216	P	3.1
5	☐	125.000	130.612	1818192.36	0.3152	A	4.3
6	☐	250.000	249.485	3611590.10	0.6020	A	1.0
7	☐	500.000	498.496	7175149.03	1.2028	A	1.3
8	☐	1000.000	1000.159	14767803.63	2.4132	A	0.9
9	☐			9348.36	0.0017	P	3.8

$$y = 0.0024 * x + 3.6285E-005$$

$$R = 1.0000$$

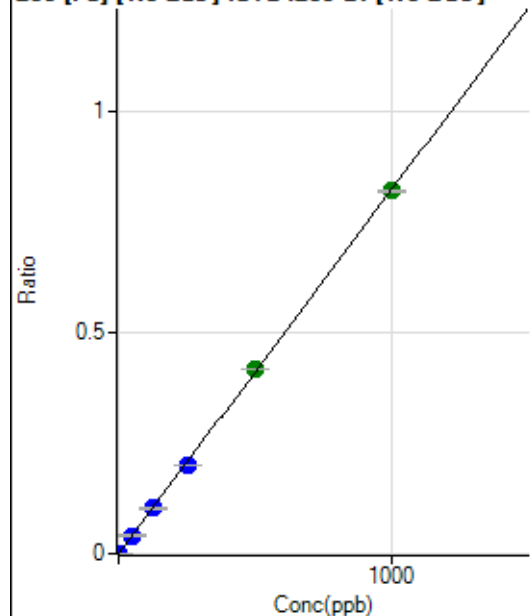
$$DL = 0.008945$$

$$BEC = 0.01504$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	151.86	0.0000	P	6.7
2	☐	0.100					
3	☐	1.000	0.976	4728.83	0.0008	P	3.6
4	☐	50.000	49.995	238374.38	0.0411	P	2.2
5	☐	125.000	126.246	598687.70	0.1038	P	4.0
6	☐	250.000	244.851	1207347.08	0.2012	P	0.7
7	☐	500.000	507.509	2488087.93	0.4171	A	0.6
8	☐	1000.000	997.377	5015920.08	0.8196	A	0.8
9	☐			30747.17	0.0055	P	1.8

$$y = 8.2178E-004 * x + 2.5774E-005$$

$$R = 0.9999$$

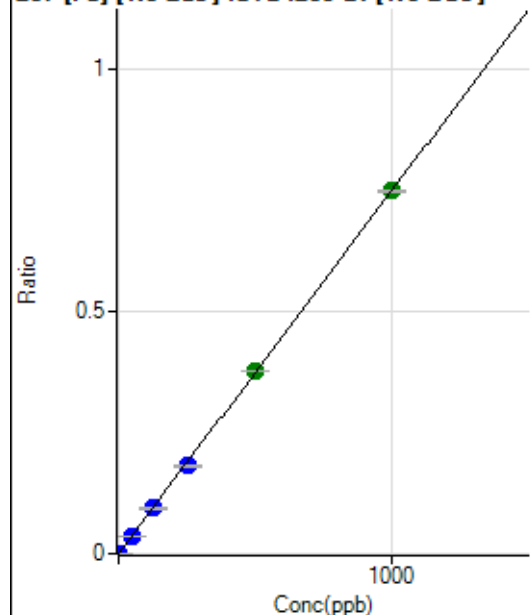
$$DL = 0.006268$$

$$BEC = 0.03136$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	157.41	0.0000	P	35.5
2	☐	0.100					
3	☐	1.000	0.915	4067.46	0.0007	P	2.1
4	☐	50.000	49.382	214413.60	0.0370	P	2.5
5	☐	125.000	125.108	540329.54	0.0936	P	3.7
6	☐	250.000	242.289	1087918.02	0.1813	P	1.1
7	☐	500.000	502.741	2244491.99	0.3762	A	0.6
8	☐	1000.000	1000.575	4582501.38	0.7488	A	0.4
9	☐			26110.78	0.0047	P	0.4

$$y = 7.4833\text{E-}004 * x + 2.6694\text{E-}005$$

$$R = 1.0000$$

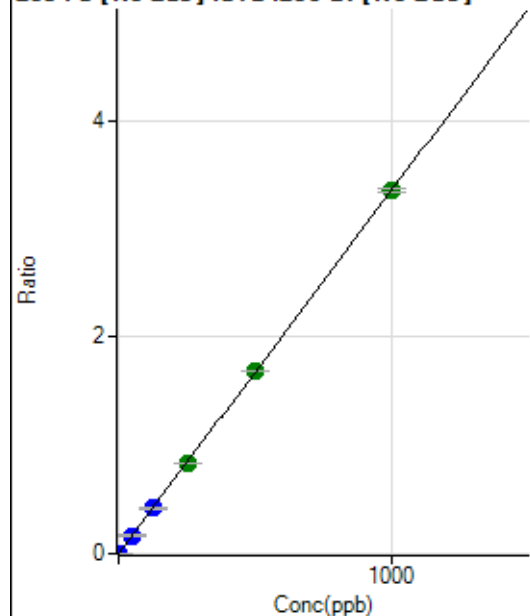
$$DL = 0.03795$$

$$BEC = 0.03567$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	631.51	0.0001	P	14.2
2	☐	0.100					
3	☐	1.000	0.948	18783.86	0.0033	P	2.2
4	☐	50.000	49.686	966657.25	0.1667	P	2.6
5	☐	125.000	125.950	2437493.92	0.4225	P	3.7
6	☐	250.000	247.892	4987798.81	0.8314	A	0.9
7	☐	500.000	503.586	10074512.57	1.6888	A	0.7
8	☐	1000.000	998.631	20493884.54	3.3489	A	0.9
9	☐			122172.25	0.0218	P	1.2

$$y = 0.0034 * x + 1.0719\text{E-}004$$

$$R = 1.0000$$

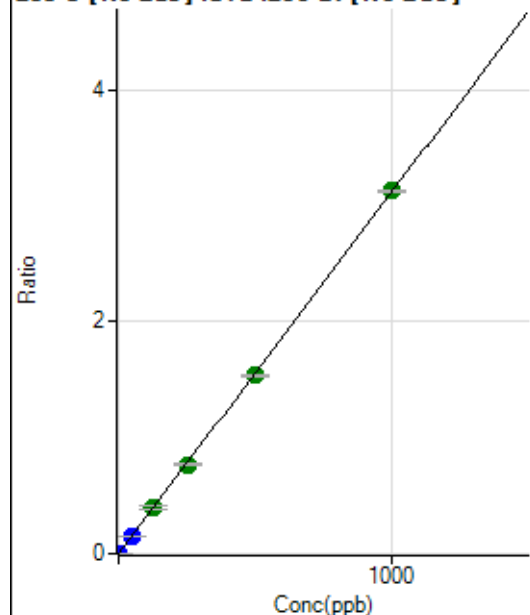
$$DL = 0.01364$$

$$BEC = 0.03197$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	180.57	0.0000	P	12.8
2	☐	0.100					
3	☐	1.000	0.966	17371.27	0.0030	P	5.5
4	☐	50.000	49.069	886508.51	0.1529	P	3.3
5	☐	125.000	127.621	2294025.11	0.3977	A	4.5
6	☐	250.000	247.332	4623664.56	0.7706	A	0.6
7	☐	500.000	492.988	9163475.21	1.5360	A	0.7
8	☐	1000.000	1003.892	19141144.00	3.1279	A	0.8
9	☐			3156.12	0.0006	P	9.2

$$y = 0.0031 * x + 3.0663E-005$$

$$R = 1.0000$$

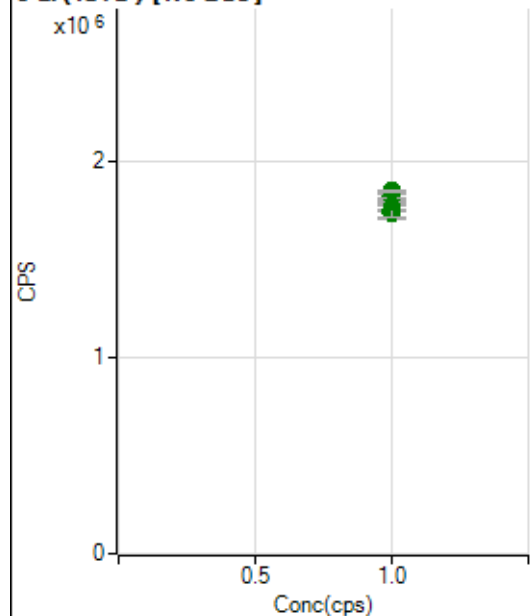
$$DL = 0.003777$$

$$BEC = 0.009841$$

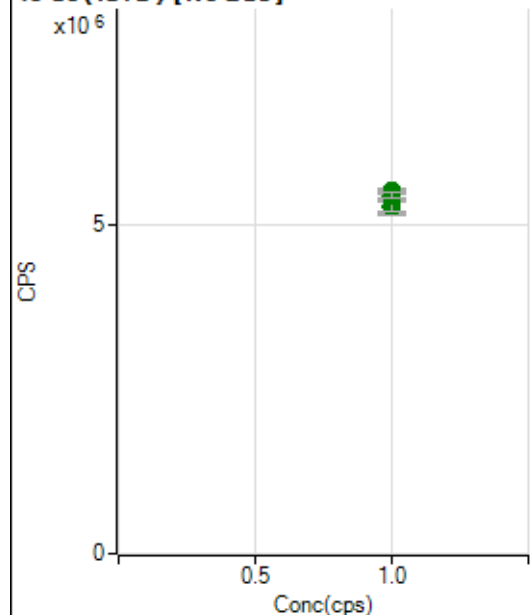
Weight: <None>

Min Conc: 0

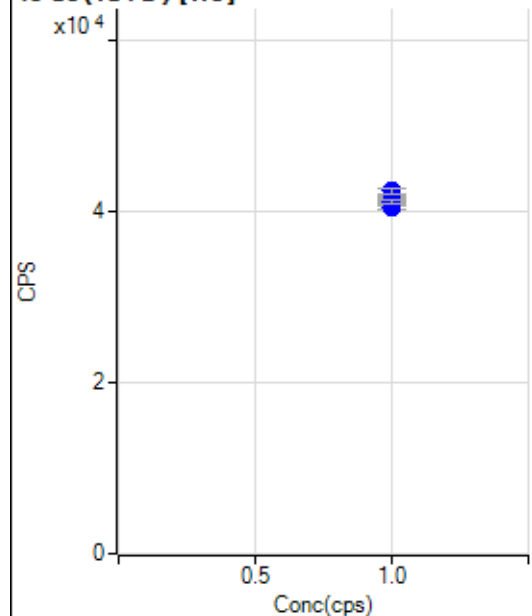
6 Li (ISTD) [No Gas]



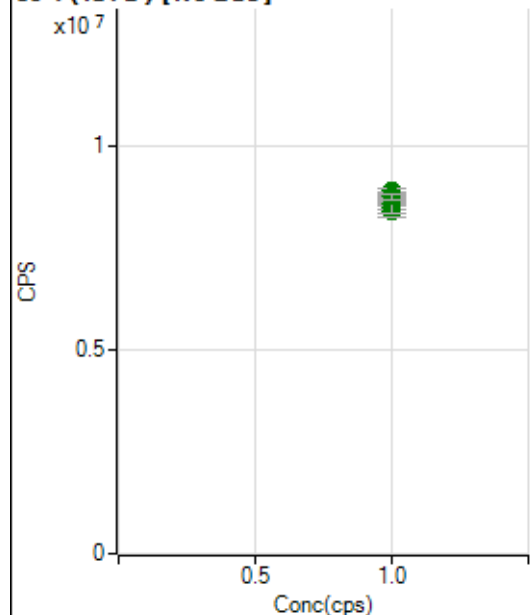
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1809355.70		A	1.3
2	☐	1.000					
3	☐	1.000		1734737.25		A	2.9
4	☐	1.000		1762536.59		A	2.1
5	☐	1.000		1751547.75		A	3.9
6	☐	1.000		1800959.05		A	0.7
7	☐	1.000		1799291.50		A	0.4
8	☐	1.000		1826149.59		A	0.8
9	☐	1.000		1852830.60		A	0.7

45 Sc (ISTD) [No Gas]

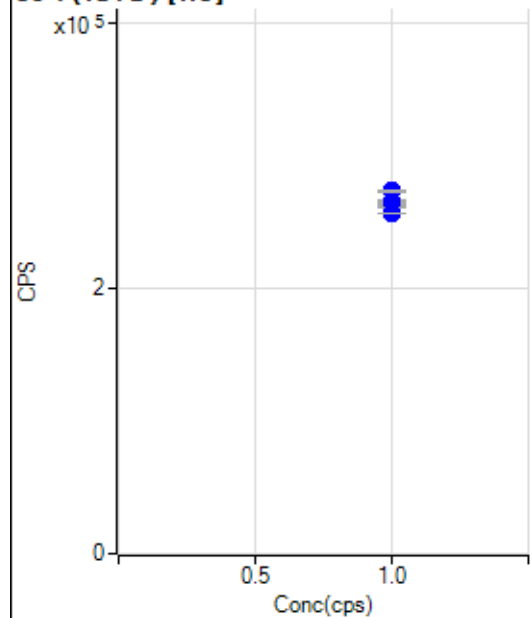
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5393794.95		A	0.7
2	☐	1.000					
3	☐	1.000		5269372.08		A	3.2
4	☐	1.000		5254703.72		A	4.7
5	☐	1.000		5293693.22		A	3.3
6	☐	1.000		5511887.06		A	1.2
7	☐	1.000		5493599.65		A	0.7
8	☐	1.000		5474981.42		A	0.9
9	☐	1.000		5448488.88		A	1.7

45 Sc (ISTD) [He]

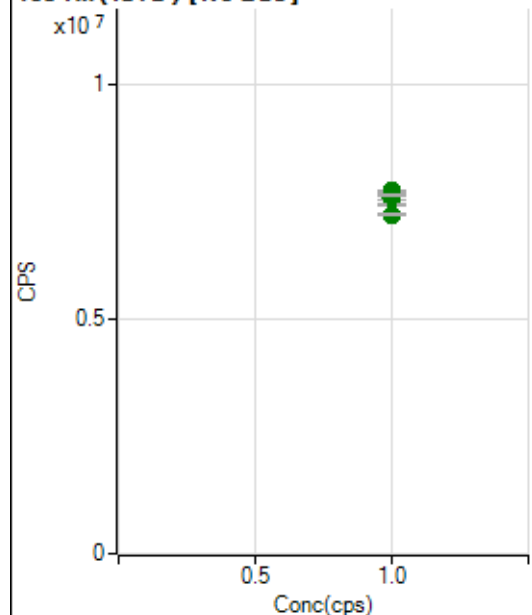
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		40385.83		P	0.6
2	☐	1.000					
3	☐	1.000		40710.16		P	0.6
4	☐	1.000		41421.05		P	1.4
5	☐	1.000		40886.15		P	0.4
6	☐	1.000		41486.83		P	0.4
7	☐	1.000		41211.57		P	0.8
8	☐	1.000		41024.38		P	0.9
9	☐	1.000		42325.99		P	1.6

89 Y (ISTD) [No Gas]

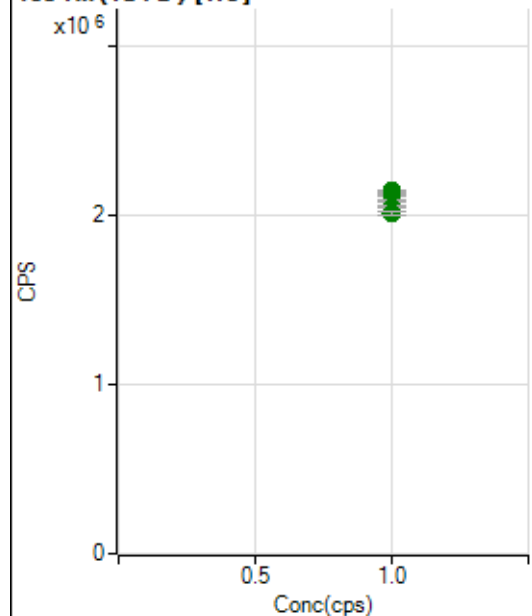
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8602296.75		A	0.7
2	☐	1.000					
3	☐	1.000		8380339.94		A	3.7
4	☐	1.000		8553188.83		A	3.4
5	☐	1.000		8496425.22		A	3.6
6	☐	1.000		8789032.86		A	0.6
7	☐	1.000		8816054.94		A	0.6
8	☐	1.000		8881055.15		A	1.0
9	☐	1.000		8736411.81		A	1.2

89 Y (ISTD) [He]

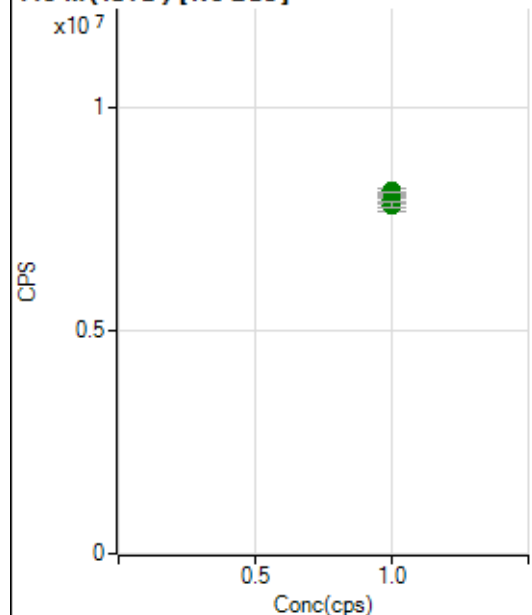
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		261326.08		P	0.6
2	☐	1.000					
3	☐	1.000		262774.47		P	0.5
4	☐	1.000		266025.39		P	0.8
5	☐	1.000		263861.98		P	0.2
6	☐	1.000		263827.99		P	0.5
7	☐	1.000		261413.75		P	0.2
8	☐	1.000		256512.90		P	0.2
9	☐	1.000		273768.33		P	0.3

103 Rh (ISTD) [No Gas]

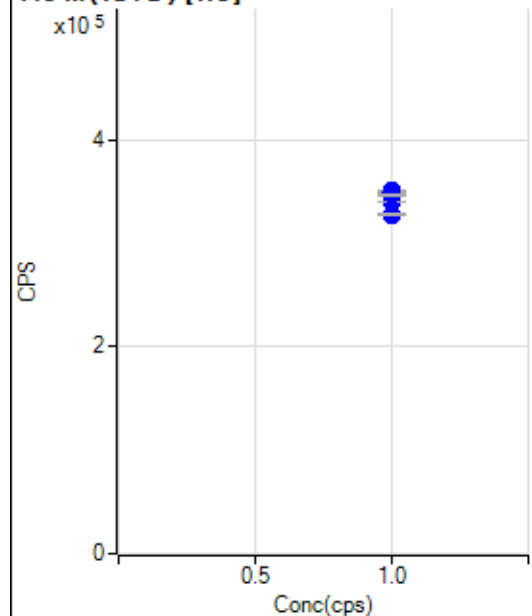
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7690946.61		A	0.8
2	☐	1.000					
3	☐	1.000		7549645.65		A	3.6
4	☐	1.000		7643522.74		A	2.2
5	☐	1.000		7568272.91		A	3.0
6	☐	1.000		7737334.55		A	0.7
7	☐	1.000		7696098.17		A	0.6
8	☐	1.000		7637668.92		A	0.7
9	☐	1.000		7232903.98		A	0.6

103 Rh (ISTD) [He]

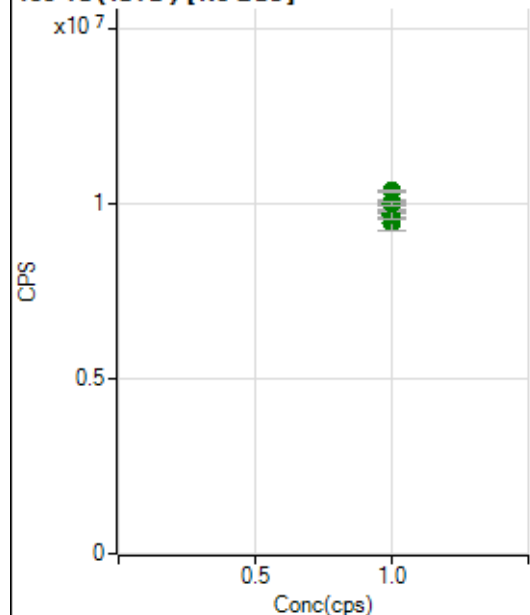
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2125413.22		A	0.7
2	☐	1.000					
3	☐	1.000		2143492.22		A	0.7
4	☐	1.000		2133170.79		A	0.8
5	☐	1.000		2128725.89		A	0.7
6	☐	1.000		2111915.19		A	0.1
7	☐	1.000		2089877.00		A	0.5
8	☐	1.000		2047876.81		A	0.3
9	☐	1.000		2011198.27		A	0.7

115 In (ISTD) [No Gas]

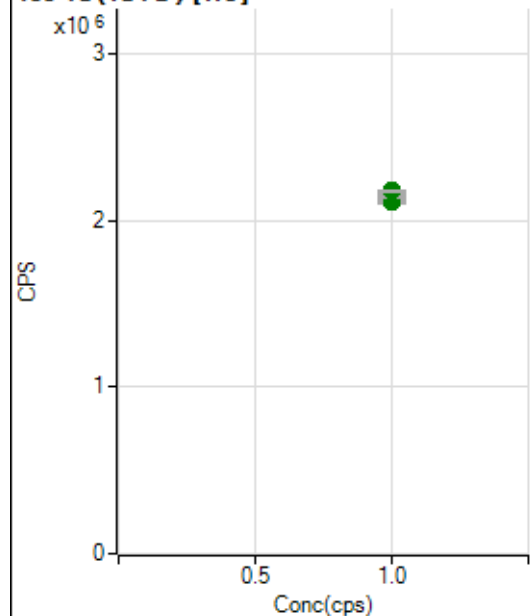
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8002287.82		A	0.6
2	☐	1.000					
3	☐	1.000		7842245.60		A	4.5
4	☐	1.000		7918223.57		A	2.3
5	☐	1.000		7874016.99		A	3.6
6	☐	1.000		8126044.79		A	1.1
7	☐	1.000		8087010.98		A	0.7
8	☐	1.000		8098736.57		A	0.4
9	☐	1.000		7814476.05		A	1.4

115 In (ISTD) [He]

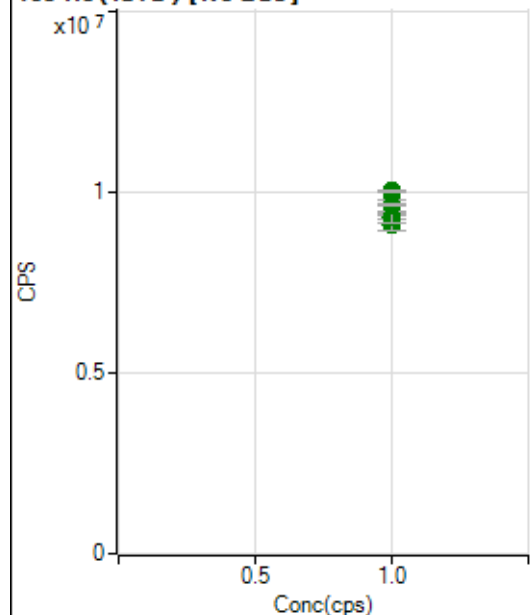
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		347147.76		P	1.3
2	☐	1.000					
3	☐	1.000		349772.99		P	0.5
4	☐	1.000		350387.73		P	0.6
5	☐	1.000		349525.70		P	0.9
6	☐	1.000		346400.46		P	0.3
7	☐	1.000		340104.36		P	0.2
8	☐	1.000		327525.80		P	0.7
9	☐	1.000		346618.97		P	0.5

159 Tb (ISTD) [No Gas]

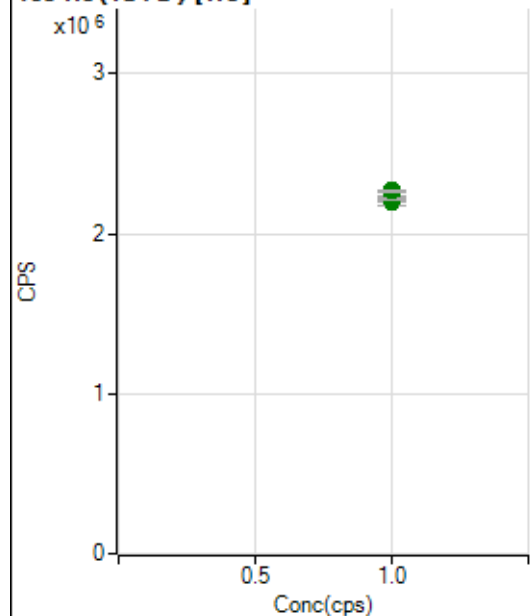
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9677659.16		A	0.9
2	☐	1.000					
3	☐	1.000		9432526.94		A	3.9
4	☐	1.000		9715133.05		A	2.2
5	☐	1.000		9668220.83		A	2.5
6	☐	1.000		10046227.00		A	0.6
7	☐	1.000		10070625.82		A	0.7
8	☐	1.000		10365738.80		A	0.3
9	☐	1.000		10005615.20		A	1.0

159 Tb (ISTD) [He]

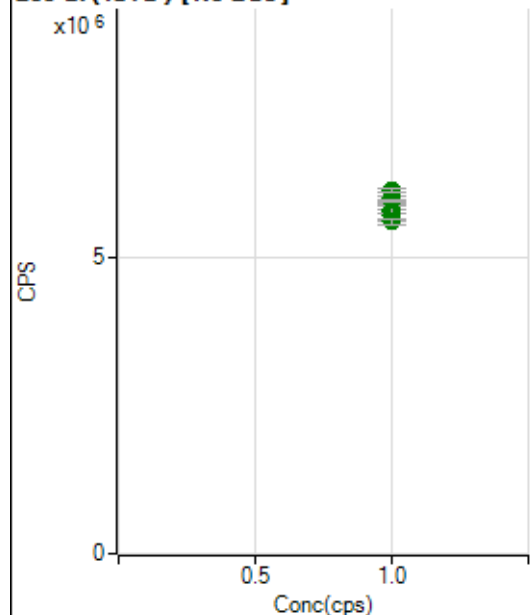
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2106139.61		A	0.9
2	☐	1.000					
3	☐	1.000		2124047.15		A	0.7
4	☐	1.000		2130468.02		A	0.6
5	☐	1.000		2141833.39		A	0.4
6	☐	1.000		2142607.85		A	0.4
7	☐	1.000		2148374.34		A	0.7
8	☐	1.000		2137641.63		A	0.3
9	☐	1.000		2177223.98		A	0.9

165 Ho (ISTD) [No Gas]

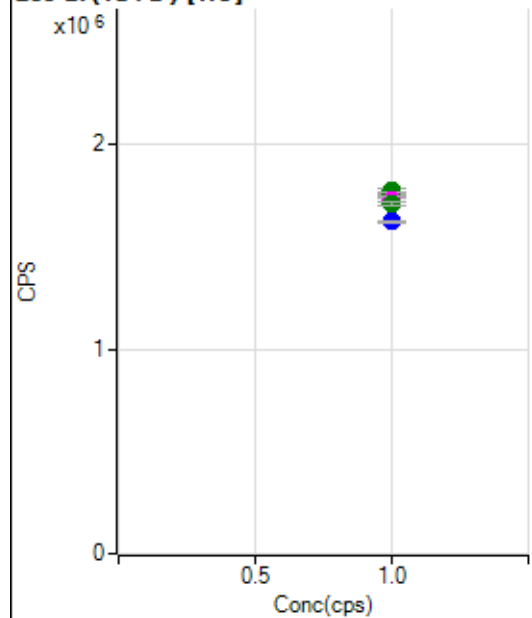
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9336337.80		A	1.2
2	☐	1.000					
3	☐	1.000		9110294.74		A	3.6
4	☐	1.000		9329976.51		A	1.8
5	☐	1.000		9306433.63		A	3.2
6	☐	1.000		9690254.30		A	0.3
7	☐	1.000		9796753.26		A	0.2
8	☐	1.000		10041700.74		A	0.4
9	☐	1.000		9655757.60		A	0.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2194092.26		A	1.3
2	☐	1.000					
3	☐	1.000		2206675.49		A	0.4
4	☐	1.000		2216479.05		A	0.7
5	☐	1.000		2228539.60		A	0.4
6	☐	1.000		2234785.40		A	0.5
7	☐	1.000		2220416.15		A	1.0
8	☐	1.000		2218981.25		A	0.5
9	☐	1.000		2267086.06		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5894771.72		A	1.2
2	☐	1.000					
3	☐	1.000		5717876.17		A	3.2
4	☐	1.000		5800262.28		A	2.4
5	☐	1.000		5775426.58		A	4.0
6	☐	1.000		5999693.73		A	0.8
7	☐	1.000		5965552.48		A	0.6
8	☐	1.000		6119874.56		A	0.9
9	☐	1.000		5602794.78		A	2.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1760977.15		A	0.7
2	☐	1.000					
3	☐	1.000		1774991.62		A	1.5
4	☐	1.000		1766020.58		A	0.3
5	☐	1.000		1753237.96		M	1.5
6	☐	1.000		1757988.79		A	1.7
7	☐	1.000		1734294.30		M	1.6
8	☐	1.000		1710161.45		A	1.0
9	☐	1.000		1624838.26		P	0.4

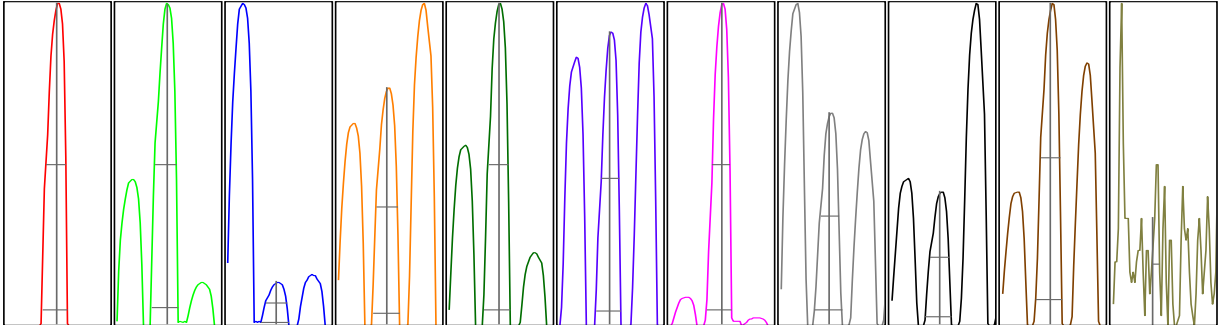
US EPA Tune Check Sample Report

Batch Folder D:\P8061918 MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	5792	2.88	5.00	
24	98213	1.79	5.00	
25	13156	1.56	5.00	
26	15283	1.49	5.00	
59	59724	1.85	5.00	
113	7267	2.30	5.00	
115	90349	2.93	5.00	
206	19339	3.08	5.00	
207	17733	2.74	5.00	
208	42228	2.42	5.00	
220	1	8.20		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	5656	5944	5574	5918	5868
24	98893	99483	96173	100008	96509
25	13166	13252	12981	13442	12940
26	15331	15375	15244	15539	14924
59	59949	57835	60454	60559	59822
113	7347	7123	7438	7056	7373
115	91881	89366	93216	86330	90951
206	19535	19217	19886	18369	19689
207	17788	17508	18144	17025	18202
208	42090	41871	43038	40783	43356
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	10420	9.00	8.9 - 9.1		0.735	0.900	
24	167883	24.00	23.9 - 24.1		0.782	0.900	
25	22657	24.95	24.9 - 25.1		0.787	0.900	
26	26589	25.95	25.9 - 26.1		0.779	0.900	
59	108039	59.00	58.9 - 59.1		0.767	0.900	
113	14215	113.00	112.9 - 113.1		0.723	0.900	
115	175019	115.05	114.9 - 115.1		0.721	0.900	
206	36399	205.95	205.9 - 206.1		0.774	0.900	
207	33327	206.95	206.9 - 207.1		0.733	0.900	
208	80042	207.95	207.9 - 208.1		0.743	0.900	
220	1	219.70	-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.4	V	Deflect	13.6	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-100	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	170	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	7402	0.38	
89	6957	0.47	
205	9918	0.43	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	7394	7436	7405	7414	7360
89	6915	6983	6964	6990	6931
205	9853	9968	9938	9924	9906

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.4	V	Deflect	2.4	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-100	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination	5.0	V
He Flow	5.0	mL/min	OctP RF	180	V			

LB Number : LB96124 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-19 14:20:00 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.17	-0.02	-4.15	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.03	-0.03	-0.01	0.00	N/A	ppb
Barium	135-1	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.07	0.39	-0.45	0.00	N/A	ppb
Boron	11-1	-0.05	0.00	0.05	0.00	N/A	ppb
Cadmium	111-1	-0.07	0.00	0.07	0.00	N/A	ppb
Cadmium	106-1	-0.94	-0.03	0.97	0.00	N/A	ppb
Cadmium	108-1	-0.02	-0.02	0.04	0.00	N/A	ppb
Calcium	43-1	-5.75	7.48	-1.73	0.00	N/A	ppb
Calcium	44-1	-1.08	-0.72	1.79	0.00	N/A	ppb
Chromium	52-2	0.03	0.01	-0.04	0.00	N/A	ppb
Cobalt	59-2	0.02	0.00	-0.01	0.00	N/A	ppb
Copper	63-2	0.01	0.01	-0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.10	-0.01	0.11	0.00	N/A	ppb
Iron	57-2	-1.35	2.70	-1.35	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	-0.01	0.01	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	0.39	-0.23	-0.16	0.00	N/A	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:20:00	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.01	-0.03	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.02	-0.01	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	0.02	-0.01	-0.01	0.00	N/A	ppb
Phosphorus	31-2	6.83	-13.24	-13.24	-6.55		ppb
Potassium	39-2	8.84	-3.13	-5.72	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	-0.56	-0.56	1.12	0.00	N/A	ppb
Selenium	82-1	-0.06	0.22	-0.16	0.00	N/A	ppb
Silicon	28-1	0.89	-1.17	0.28	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.05	-0.44	0.49	0.00	N/A	ppb
Strontium	86-1	0.01	0.06	-0.06	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-197.37	-191.18	-49.74	-146.10		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	0.03	-0.04	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.02	0.07	-0.05	0.00	N/A	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:20:00	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 :	LB96124	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:27:23	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.72	25.99	12.45	18.72	36.47	ppb
Antimony	121-1	2.03	1.90	2.14	2.02	5.95	ppb
Arsenic	75-2	1.03	1.16	0.88	1.02	13.77	ppb
Barium	135-1	10.11	10.05	10.71	10.29	3.55	ppb
Barium	137-1	9.93	9.90	10.84	10.22	5.20	ppb
Beryllium	9-1	1.13	0.94	1.21	1.09	12.98	ppb
Bismuth	209-1				97		%
Bismuth	209-2				101		%
Boron	10-1	23.14	26.26	24.70	24.70	6.32	ppb
Boron	11-1	26.01	25.70	26.32	26.01	1.18	ppb
Cadmium	111-1	1.11	1.09	1.16	1.12	3.23	ppb
Cadmium	106-1	2.00	2.08	2.51	2.19	12.55	ppb
Cadmium	108-1	1.35	1.04	0.86	1.08	22.68	ppb
Calcium	43-1	448.38	459.25	502.15	469.92	6.05	ppb
Calcium	44-1	468.13	465.01	499.56	477.57	4.00	ppb
Chromium	52-2	1.92	2.23	1.93	2.03	8.76	ppb
Cobalt	59-2	0.96	1.04	1.06	1.02	5.28	ppb
Copper	63-2	2.03	2.08	2.13	2.08	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				98		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				101		%
Iron	56-2	51.85	51.66	51.95	51.82	0.29	ppb
Iron	57-2	43.53	53.39	53.92	50.28	11.64	ppb
Krypton	83-1						cps
Lead	206-1	0.97	0.94	1.02	0.98	3.76	ppb
Lead	207-1	0.91	0.94	0.90	0.91	2.22	ppb
Lead	208-1	0.93	0.94	0.97	0.95	2.31	ppb
Lithium	6-1				96		%
Magnesium	24-2	511.57	512.59	491.73	505.29	2.33	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:27:23	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.32	1.03	0.90	1.08	19.85	ppb
Molybdenum	94-1	4.59	4.72	4.92	4.74	3.45	ppb
Molybdenum	95-1	4.80	4.96	5.25	5.01	4.51	ppb
Molybdenum	96-1	5.11	4.93	5.18	5.07	2.58	ppb
Molybdenum	97-1	4.99	5.08	5.34	5.13	3.54	ppb
Molybdenum	98-1	4.94	5.06	5.28	5.09	3.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.89	1.14	1.15	1.06	13.90	ppb
Phosphorus	31-2	46.14	-13.24	-13.24	6.55	523.37	ppb
Potassium	39-2	475.09	490.16	485.46	483.57	1.59	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	77-2	11.00	0.00	0.00	3.67	173.21	ppb
Selenium	78-2	3.63	2.82	5.30	3.92	32.21	ppb
Selenium	82-1	5.23	4.75	5.46	5.15	7.10	ppb
Silicon	28-1	15.50	17.77	23.42	18.90	21.60	ppb
Silver	109-1	1.05	1.03	1.13	1.07	5.12	ppb
Silver	107-1	1.07	1.02	1.15	1.08	6.18	ppb
Sodium	23-2	512.34	520.43	512.38	515.05	0.90	ppb
Strontium	86-1	0.90	0.99	1.14	1.01	12.07	ppb
Strontium	88-1	1.08	1.05	1.10	1.07	2.56	ppb
Sulfur	34-1	-389.10	46.04	781.35	146.10	404.94	ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	1.02	1.06	1.03	1.04	2.20	ppb
Thallium	205-1	1.00	0.97	1.06	1.01	4.87	ppb
Tin	118-1	5.42	5.40	5.55	5.46	1.50	ppb
Titanium	47-1	4.50	4.70	5.67	4.96	12.60	ppb
Uranium	238-1	0.92	0.95	1.03	0.97	5.60	ppb
Vanadium	51-2	4.58	5.01	4.61	4.73	5.12	ppb
Yttrium	89-1				97		%
Yttrium	89-2				101		%
Zinc	66-2	1.82	2.13	1.90	1.95	8.29	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:27:23	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.92	0.95	0.99	0.95	3.42	ppb
Zirconium	91-1	0.85	0.90	0.86	0.87	2.71	ppb

LB Number : LB96124 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-19 14:31:06 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	976.87	1030.62	1054.50	1020.66	3.90	ppb
Antimony	121-1	52.93	50.50	50.87	51.44	2.54	ppb
Arsenic	75-2	49.71	50.90	47.50	49.37	3.50	ppb
Barium	135-1	262.84	254.14	252.36	256.45	2.19	ppb
Barium	137-1	265.91	254.63	256.77	259.10	2.31	ppb
Beryllium	9-1	53.92	50.59	51.41	51.98	3.34	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	52.40	50.64	52.59	51.87	2.07	ppb
Boron	11-1	52.21	47.93	51.17	50.44	4.42	ppb
Cadmium	111-1	53.98	51.26	52.31	52.52	2.61	ppb
Cadmium	106-1	54.97	52.43	52.71	53.37	2.61	ppb
Cadmium	108-1	53.29	52.71	50.59	52.19	2.73	ppb
Calcium	43-1	5403.37	4865.74	4900.78	5056.63	5.95	ppb
Calcium	44-1	5504.14	4992.80	4988.36	5161.77	5.74	ppb
Chromium	52-2	50.59	51.62	50.47	50.89	1.24	ppb
Cobalt	59-2	50.08	51.24	50.61	50.64	1.15	ppb
Copper	63-2	100.73	103.82	103.05	102.53	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	2659.54	2714.77	2705.92	2693.41	1.10	ppb
Iron	57-2	2542.51	2670.66	2653.77	2622.31	2.66	ppb
Krypton	83-1						cps
Lead	206-1	51.27	49.23	49.49	50.00	2.22	ppb
Lead	207-1	50.80	48.92	48.42	49.38	2.54	ppb
Lead	208-1	51.15	49.08	48.83	49.69	2.56	ppb
Lithium	6-1				97		%
Magnesium	24-2	5173.20	5265.35	5273.77	5237.44	1.07	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:31:06	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	101.14	103.56	101.32	102.01	1.32	ppb
Molybdenum	94-1	266.44	244.43	250.55	253.81	4.48	ppb
Molybdenum	95-1	267.39	249.22	254.59	257.07	3.63	ppb
Molybdenum	96-1	267.28	250.27	252.91	256.82	3.57	ppb
Molybdenum	97-1	264.08	246.22	250.66	253.65	3.67	ppb
Molybdenum	98-1	268.83	253.21	252.72	258.25	3.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.85	53.35	50.76	52.32	2.63	ppb
Phosphorus	31-2	1007.13	1133.48	1439.52	1193.38	18.63	ppb
Potassium	39-2	2534.31	2495.34	2494.94	2508.20	0.90	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				103		%
Selenium	77-2	54.45	60.31	53.91	56.22	6.32	ppb
Selenium	78-2	48.46	42.94	35.63	42.34	15.19	ppb
Selenium	82-1	53.36	51.27	52.15	52.26	2.01	ppb
Silicon	28-1	78.18	64.02	65.10	69.10	11.41	ppb
Silver	109-1	54.68	52.36	52.37	53.13	2.51	ppb
Silver	107-1	54.67	51.96	52.91	53.18	2.59	ppb
Sodium	23-2	5160.36	5332.99	5294.46	5262.60	1.72	ppb
Strontium	86-1	53.25	50.35	50.16	51.25	3.38	ppb
Strontium	88-1	53.66	50.03	50.71	51.47	3.74	ppb
Sulfur	34-1	2969.72	1120.42	1358.91	1816.35	55.38	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	51.33	49.12	48.41	49.62	3.06	ppb
Thallium	205-1	52.18	49.45	49.55	50.39	3.06	ppb
Tin	118-1	53.31	50.84	51.46	51.87	2.48	ppb
Titanium	47-1	276.72	252.27	252.44	260.48	5.40	ppb
Uranium	238-1	50.94	48.12	48.15	49.07	3.30	ppb
Vanadium	51-2	51.17	50.37	50.96	50.84	0.82	ppb
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	103.55	106.99	104.39	104.98	1.71	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:31:06	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	53.32	49.67	49.97	50.99	3.97	ppb
Zirconium	91-1	53.23	49.00	49.85	50.69	4.42	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:34:47	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2600.14	2526.37	2617.52	2581.34	1.87	ppb
Antimony	121-1	127.76	134.89	130.53	131.06	2.74	ppb
Arsenic	75-2	126.09	124.94	122.22	124.42	1.60	ppb
Barium	135-1	642.72	678.25	653.56	658.17	2.77	ppb
Barium	137-1	649.99	688.95	658.35	665.76	3.08	ppb
Beryllium	9-1	129.90	138.17	128.45	132.17	3.97	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	121.74	130.50	125.36	125.87	3.50	ppb
Boron	11-1	124.34	133.22	125.59	127.72	3.76	ppb
Cadmium	111-1	129.63	137.03	130.05	132.23	3.14	ppb
Cadmium	106-1	127.57	136.49	128.21	130.76	3.80	ppb
Cadmium	108-1	133.26	137.31	128.87	133.15	3.17	ppb
Calcium	43-1	12366.93	13111.37	12295.31	12591.20	3.59	ppb
Calcium	44-1	12280.58	13265.29	12455.93	12667.26	4.15	ppb
Chromium	52-2	127.41	126.48	129.76	127.88	1.32	ppb
Cobalt	59-2	128.15	126.85	129.43	128.14	1.01	ppb
Copper	63-2	259.50	254.65	257.73	257.29	0.96	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				102		%
Indium	115-1				98		%
Indium	115-2				101		%
Iron	56-2	6708.46	6599.50	6719.35	6675.77	0.99	ppb
Iron	57-2	6664.11	6555.15	6687.92	6635.72	1.07	ppb
Krypton	83-1						cps
Lead	206-1	121.75	131.69	125.29	126.25	3.99	ppb
Lead	207-1	121.06	130.17	124.09	125.11	3.71	ppb
Lead	208-1	121.89	131.10	124.86	125.95	3.73	ppb
Lithium	6-1				97		%
Magnesium	24-2	13300.12	13081.31	13393.14	13258.19	1.21	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:34:47	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	263.58	254.53	260.28	259.47	1.76	ppb
Molybdenum	94-1	646.63	677.81	637.13	653.85	3.25	ppb
Molybdenum	95-1	640.15	684.41	639.48	654.68	3.93	ppb
Molybdenum	96-1	624.26	677.73	637.37	646.45	4.31	ppb
Molybdenum	97-1	620.09	668.12	633.88	640.70	3.86	ppb
Molybdenum	98-1	626.32	678.24	638.51	647.69	4.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.59	132.12	131.16	131.96	0.55	ppb
Phosphorus	31-2	2448.89	2726.30	2448.47	2541.22	6.31	ppb
Potassium	39-2	6511.07	6314.86	6438.03	6421.32	1.54	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	77-2	142.72	192.15	87.56	140.81	37.16	ppb
Selenium	78-2	120.05	132.63	133.88	128.85	5.94	ppb
Selenium	82-1	128.08	137.41	128.80	131.43	3.95	ppb
Silicon	28-1	127.83	148.52	139.50	138.62	7.48	ppb
Silver	109-1	131.31	137.50	132.28	133.69	2.49	ppb
Silver	107-1	129.82	138.75	132.44	133.67	3.43	ppb
Sodium	23-2	13302.96	13129.14	13430.68	13287.59	1.14	ppb
Strontium	86-1	125.13	134.13	126.08	128.44	3.85	ppb
Strontium	88-1	127.15	135.82	128.15	130.37	3.64	ppb
Sulfur	34-1	3168.09	4434.14	3360.01	3654.08	18.67	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	121.72	132.07	124.56	126.12	4.24	ppb
Thallium	205-1	125.72	136.79	129.32	130.61	4.32	ppb
Tin	118-1	127.90	135.37	129.83	131.03	2.96	ppb
Titanium	47-1	628.56	668.33	632.08	642.99	3.42	ppb
Uranium	238-1	123.98	134.27	124.61	127.62	4.52	ppb
Vanadium	51-2	127.94	124.80	127.62	126.79	1.37	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	263.11	258.44	263.58	261.71	1.08	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:34:47	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	126.40	136.59	128.56	130.52	4.11	ppb
Zirconium	91-1	124.21	133.06	127.24	128.17	3.51	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:38:22	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4943.58	5079.60	5052.10	5025.09	1.43	ppb
Antimony	121-1	253.49	256.70	256.96	255.72	0.76	ppb
Arsenic	75-2	251.15	247.81	243.11	247.36	1.63	ppb
Barium	135-1	1290.45	1253.75	1274.88	1273.03	1.45	ppb
Barium	137-1	1272.70	1260.94	1282.64	1272.09	0.85	ppb
Beryllium	9-1	254.85	252.12	250.32	252.43	0.90	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	245.52	249.73	252.02	249.09	1.32	ppb
Boron	11-1	245.51	249.28	252.09	248.96	1.33	ppb
Cadmium	111-1	251.89	250.84	256.72	253.15	1.24	ppb
Cadmium	106-1	250.59	249.04	257.70	252.45	1.83	ppb
Cadmium	108-1	254.35	252.84	263.18	256.79	2.17	ppb
Calcium	43-1	23987.57	24308.04	24414.04	24236.55	0.92	ppb
Calcium	44-1	24049.80	23878.55	24316.77	24081.71	0.92	ppb
Chromium	52-2	251.38	250.64	249.36	250.46	0.41	ppb
Cobalt	59-2	250.62	253.18	250.56	251.45	0.59	ppb
Copper	63-2	508.12	505.17	503.00	505.43	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	13141.26	13044.02	13014.23	13066.50	0.51	ppb
Iron	57-2	12905.42	13082.88	12818.46	12935.59	1.04	ppb
Krypton	83-1						cps
Lead	206-1	242.85	245.36	246.35	244.85	0.74	ppb
Lead	207-1	240.74	240.81	245.31	242.29	1.08	ppb
Lead	208-1	247.11	246.03	250.53	247.89	0.95	ppb
Lithium	6-1				100		%
Magnesium	24-2	25818.89	25690.33	25672.15	25727.12	0.31	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:38:22	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	511.00	505.10	500.45	505.52	1.05	ppb
Molybdenum	94-1	1236.96	1243.70	1259.79	1246.82	0.94	ppb
Molybdenum	95-1	1256.63	1267.44	1267.12	1263.73	0.49	ppb
Molybdenum	96-1	1249.33	1246.58	1264.58	1253.49	0.77	ppb
Molybdenum	97-1	1273.64	1255.79	1279.52	1269.65	0.97	ppb
Molybdenum	98-1	1234.99	1249.00	1259.61	1247.86	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	257.27	255.37	253.37	255.34	0.76	ppb
Phosphorus	31-2	5506.78	5206.75	4806.49	5173.34	6.79	ppb
Potassium	39-2	12792.37	12545.44	12616.08	12651.30	1.01	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	390.01	207.30	220.25	272.52	37.41	ppb
Selenium	78-2	257.59	247.49	259.05	254.71	2.47	ppb
Selenium	82-1	251.92	252.73	257.42	254.02	1.17	ppb
Silicon	28-1	256.81	273.73	271.96	267.50	3.48	ppb
Silver	109-1	262.75	257.62	263.38	261.25	1.21	ppb
Silver	107-1	260.97	256.37	263.33	260.22	1.36	ppb
Sodium	23-2	26991.18	26853.95	26534.19	26793.11	0.88	ppb
Strontium	86-1	248.91	248.71	250.24	249.29	0.33	ppb
Strontium	88-1	250.73	249.64	251.71	250.69	0.41	ppb
Sulfur	34-1	5646.83	6084.79	6015.71	5915.78	3.98	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	244.40	243.25	249.01	245.56	1.24	ppb
Thallium	205-1	249.10	247.26	252.09	249.49	0.98	ppb
Tin	118-1	252.40	251.22	256.61	253.41	1.12	ppb
Titanium	47-1	1242.75	1250.31	1249.30	1247.45	0.33	ppb
Uranium	238-1	245.69	248.83	247.47	247.33	0.64	ppb
Vanadium	51-2	250.45	250.43	249.26	250.05	0.27	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	521.97	512.79	506.96	513.91	1.47	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:38:22	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	251.69	252.37	250.96	251.68	0.28	ppb
Zirconium	91-1	247.56	247.19	246.47	247.07	0.22	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:41:52	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10134.97	10023.95	9534.88	9897.93	3.23	ppb
Antimony	121-1	505.87	514.51	512.65	511.01	0.89	ppb
Arsenic	75-2	503.33	500.45	491.94	498.57	1.19	ppb
Barium	135-1	2535.55	2551.93	2525.32	2537.60	0.53	ppb
Barium	137-1	2516.71	2525.07	2523.77	2521.85	0.18	ppb
Beryllium	9-1	504.53	505.15	506.66	505.45	0.22	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	496.37	493.03	503.02	497.47	1.02	ppb
Boron	11-1	489.59	501.06	514.19	501.61	2.45	ppb
Cadmium	111-1	505.49	516.65	510.65	510.93	1.09	ppb
Cadmium	106-1	498.55	515.63	517.14	510.44	2.02	ppb
Cadmium	108-1	507.34	520.83	509.13	512.43	1.43	ppb
Calcium	43-1	48535.29	48283.20	49076.04	48631.51	0.83	ppb
Calcium	44-1	48216.15	48183.48	48956.03	48451.89	0.90	ppb
Chromium	52-2	507.01	503.75	493.18	501.31	1.44	ppb
Cobalt	59-2	506.03	500.05	494.44	500.17	1.16	ppb
Copper	63-2	1038.10	1005.38	993.58	1012.35	2.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	26149.78	25970.13	25570.00	25896.64	1.15	ppb
Iron	57-2	26166.53	25642.32	25454.36	25754.40	1.43	ppb
Krypton	83-1						cps
Lead	206-1	510.55	507.64	504.34	507.51	0.61	ppb
Lead	207-1	502.82	505.50	499.90	502.74	0.56	ppb
Lead	208-1	507.38	502.35	501.03	503.59	0.66	ppb
Lithium	6-1				99		%
Magnesium	24-2	52785.53	52135.68	51422.86	52114.69	1.31	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:41:52	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1014.94	1006.67	986.31	1002.64	1.47	ppb
Molybdenum	94-1	2491.56	2494.70	2462.05	2482.77	0.73	ppb
Molybdenum	95-1	2480.89	2510.95	2473.45	2488.43	0.80	ppb
Molybdenum	96-1	2465.35	2533.56	2486.48	2495.13	1.40	ppb
Molybdenum	97-1	2503.89	2522.71	2484.55	2503.72	0.76	ppb
Molybdenum	98-1	2490.20	2513.13	2501.19	2501.51	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.37	504.43	500.41	505.40	1.10	ppb
Phosphorus	31-2	9630.54	9895.99	9888.37	9804.97	1.54	ppb
Potassium	39-2	25284.88	24997.75	24549.71	24944.11	1.49	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	493.90	453.50	480.81	476.07	4.33	ppb
Selenium	78-2	511.73	498.18	472.51	494.14	4.03	ppb
Selenium	82-1	502.01	509.32	506.77	506.03	0.73	ppb
Silicon	28-1	520.01	530.63	544.35	531.66	2.30	ppb
Silver	109-1	507.88	525.52	514.02	515.80	1.74	ppb
Silver	107-1	510.27	519.78	522.00	517.35	1.20	ppb
Sodium	23-2	53244.87	52522.69	52005.20	52590.92	1.18	ppb
Strontium	86-1	495.63	505.83	498.40	499.95	1.05	ppb
Strontium	88-1	491.32	505.34	493.57	496.74	1.52	ppb
Sulfur	34-1	12573.57	12512.85	12559.55	12548.66	0.25	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	514.83	505.28	505.78	508.63	1.06	ppb
Thallium	205-1	504.86	491.64	498.99	498.50	1.33	ppb
Tin	118-1	506.79	512.81	509.39	509.66	0.59	ppb
Titanium	47-1	2508.64	2518.11	2539.91	2522.22	0.64	ppb
Uranium	238-1	489.84	496.76	492.36	492.99	0.71	ppb
Vanadium	51-2	503.93	502.94	493.77	500.21	1.12	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	1021.63	1008.39	1006.65	1012.22	0.81	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:41:52	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	487.81	500.39	496.63	494.94	1.31	ppb
Zirconium	91-1	493.18	498.94	496.13	496.08	0.58	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:45:18	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19619.27	19485.37	20062.05	19722.23	1.53	ppb
Antimony	121-1	990.42	993.03	993.26	992.24	0.16	ppb
Arsenic	75-2	1006.77	998.67	999.00	1001.48	0.46	ppb
Barium	135-1	4988.68	4962.30	4961.94	4970.97	0.31	ppb
Barium	137-1	4991.82	4946.01	4996.17	4978.00	0.56	ppb
Beryllium	9-1	1005.81	996.93	984.28	995.67	1.09	ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Boron	10-1	987.54	1007.01	1009.34	1001.30	1.20	ppb
Boron	11-1	983.67	1011.31	1002.22	999.07	1.41	ppb
Cadmium	111-1	996.17	994.38	987.61	992.72	0.45	ppb
Cadmium	106-1	986.90	998.17	994.77	993.28	0.58	ppb
Cadmium	108-1	987.85	991.23	993.80	990.96	0.30	ppb
Calcium	43-1	97539.63	97700.40	98060.24	97766.76	0.27	ppb
Calcium	44-1	96489.28	97317.24	97096.45	96967.66	0.44	ppb
Chromium	52-2	996.00	993.06	1007.41	998.82	0.76	ppb
Cobalt	59-2	993.47	1009.63	994.28	999.13	0.91	ppb
Copper	63-2	1976.43	2006.66	1991.19	1991.43	0.76	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				108		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	51232.01	51707.19	51061.66	51333.62	0.65	ppb
Iron	57-2	50597.26	51348.76	51297.33	51081.12	0.82	ppb
Krypton	83-1						cps
Lead	206-1	987.91	1000.65	1003.58	997.38	0.84	ppb
Lead	207-1	997.70	1005.10	998.93	1000.57	0.40	ppb
Lead	208-1	988.49	1002.00	1005.40	998.63	0.90	ppb
Lithium	6-1				101		%
Magnesium	24-2	103618.97	101870.00	103138.34	102875.77	0.88	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:45:18	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1989.21	1994.82	2004.02	1996.02	0.37	ppb
Molybdenum	94-1	5007.63	4968.05	5041.17	5005.61	0.73	ppb
Molybdenum	95-1	4983.52	4939.85	5071.49	4998.29	1.34	ppb
Molybdenum	96-1	4976.48	4938.10	5081.04	4998.54	1.48	ppb
Molybdenum	97-1	4979.03	4931.71	5062.51	4991.08	1.33	ppb
Molybdenum	98-1	4971.68	4961.60	5056.31	4996.53	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	983.46	993.81	1007.67	994.98	1.22	ppb
Phosphorus	31-2	20129.92	20120.89	19867.27	20039.36	0.74	ppb
Potassium	39-2	49223.54	49058.75	49833.63	49371.97	0.83	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	1092.51	969.21	950.45	1004.05	7.69	ppb
Selenium	78-2	1058.99	971.05	974.94	1001.66	4.96	ppb
Selenium	82-1	993.22	992.99	998.96	995.06	0.34	ppb
Silicon	28-1	959.81	983.89	987.44	977.05	1.54	ppb
Silver	109-1	990.97	983.30	989.85	988.04	0.42	ppb
Silver	107-1	980.24	989.52	992.82	987.53	0.66	ppb
Sodium	23-2	102745.23	102913.65	104308.86	103322.58	0.83	ppb
Strontium	86-1	997.43	1002.38	999.31	999.71	0.25	ppb
Strontium	88-1	987.36	1001.93	1012.84	1000.71	1.28	ppb
Sulfur	34-1	18053.36	18075.06	18806.52	18311.65	2.34	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	983.41	999.22	1007.39	996.68	1.22	ppb
Thallium	205-1	991.34	999.67	1009.46	1000.16	0.91	ppb
Tin	118-1	990.92	991.91	997.57	993.47	0.36	ppb
Titanium	47-1	4966.87	4956.46	5036.93	4986.75	0.88	ppb
Uranium	238-1	995.57	1003.52	1012.59	1003.89	0.85	ppb
Vanadium	51-2	989.99	1000.01	1008.86	999.62	0.94	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	1971.22	1994.39	2000.49	1988.70	0.78	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:45:18	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	999.34	998.87	1005.91	1001.37	0.39	ppb
Zirconium	91-1	997.03	1001.17	1008.58	1002.26	0.58	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:48:38	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100235.81	101634.83	98316.16	100062.27	1.67	ppb
Antimony	121-1	2.77	2.58	2.39	2.58	7.31	ppb
Arsenic	75-2	0.72	0.47	0.44	0.54	28.24	ppb
Barium	135-1	2.23	2.59	2.07	2.29	11.55	ppb
Barium	137-1	2.13	2.12	2.12	2.12	0.16	ppb
Beryllium	9-1	0.29	0.27	0.28	0.28	2.28	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Boron	10-1	49.33	43.99	41.63	44.98	8.77	ppb
Boron	11-1	50.83	45.63	41.92	46.13	9.70	ppb
Cadmium	111-1	0.30	0.34	0.35	0.33	7.79	ppb
Cadmium	106-1	0.08	1.77	1.38	1.08	82.38	ppb
Cadmium	108-1	0.27	0.54	0.57	0.46	36.10	ppb
Calcium	43-1	504162.80	505829.89	491863.86	500618.85	1.52	ppb
Calcium	44-1	504237.62	507055.73	491110.90	500801.42	1.70	ppb
Chromium	52-2	44.58	46.09	44.54	45.07	1.97	ppb
Cobalt	59-2	1.69	1.69	1.64	1.67	1.58	ppb
Copper	63-2	4.32	4.44	4.30	4.35	1.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	247592.94	253741.01	247474.17	249602.71	1.44	ppb
Iron	57-2	247950.35	253362.49	247714.23	249675.69	1.28	ppb
Krypton	83-1						cps
Lead	206-1	6.54	6.78	6.63	6.65	1.85	ppb
Lead	207-1	6.22	6.20	6.16	6.19	0.45	ppb
Lead	208-1	6.39	6.54	6.48	6.47	1.20	ppb
Lithium	6-1				102		%
Magnesium	24-2	501941.11	506531.11	488994.84	499155.69	1.82	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:48:38	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10.00	10.75	10.11	10.29	3.91	ppb
Molybdenum	94-1	7.39	7.59	7.17	7.38	2.88	ppb
Molybdenum	95-1	9.68	9.95	9.64	9.76	1.72	ppb
Molybdenum	96-1	10.03	10.05	9.77	9.95	1.57	ppb
Molybdenum	97-1	9.75	10.09	9.45	9.76	3.28	ppb
Molybdenum	98-1	10.08	9.63	9.61	9.77	2.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.57	29.09	28.39	28.68	1.26	ppb
Phosphorus	31-2	5.80	6.21	43.40	18.47	116.88	ppb
Potassium	39-2	250718.50	253560.26	246079.13	250119.30	1.51	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.68	1.05	0.24	1.32	93.77	ppb
Selenium	82-1	1.06	0.76	1.06	0.96	17.93	ppb
Silicon	28-1	79.86	83.04	78.84	80.58	2.72	ppb
Silver	109-1	0.13	0.16	0.14	0.14	12.09	ppb
Silver	107-1	0.15	0.15	0.15	0.15	1.47	ppb
Sodium	23-2	496582.01	505542.12	494769.08	498964.41	1.16	ppb
Strontium	86-1	36.10	36.78	36.56	36.48	0.95	ppb
Strontium	88-1	36.45	37.33	36.48	36.75	1.36	ppb
Sulfur	34-1	-891.52	-947.69	-1232.14	-1023.78		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.69	0.71	0.61	0.67	7.36	ppb
Thallium	205-1	0.70	0.68	0.65	0.68	3.91	ppb
Tin	118-1	3.49	3.65	3.43	3.52	3.17	ppb
Titanium	47-1	3.27	3.06	3.12	3.15	3.43	ppb
Uranium	238-1	0.19	0.16	0.16	0.17	9.71	ppb
Vanadium	51-2	0.61	0.50	0.58	0.56	9.58	ppb
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	10.88	11.67	11.77	11.44	4.27	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:48:38	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.44	0.42	0.36	0.41	11.40	ppb
Zirconium	91-1	0.46	0.43	0.43	0.44	4.30	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:13:54	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	521.66	552.45	521.96	532.02	3.33	ppb
Antimony	121-1	197.97	199.49	199.22	198.89	0.41	ppb
Arsenic	75-2	196.06	195.72	188.61	193.46	2.17	ppb
Barium	135-1	98.18	98.68	98.56	98.47	0.26	ppb
Barium	137-1	100.96	98.96	99.05	99.66	1.13	ppb
Beryllium	9-1	98.66	97.05	98.78	98.17	0.98	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	8.11	8.47	8.56	8.38	2.85	ppb
Boron	11-1	8.38	8.49	8.29	8.38	1.21	ppb
Cadmium	111-1	100.69	100.54	98.80	100.01	1.05	ppb
Cadmium	106-1	85.95	86.56	86.74	86.42	0.48	ppb
Cadmium	108-1	93.67	87.91	89.02	90.20	3.39	ppb
Calcium	43-1	1886.53	1937.18	1868.52	1897.41	1.88	ppb
Calcium	44-1	1913.17	1874.81	1873.09	1887.03	1.20	ppb
Chromium	52-2	94.92	97.54	96.14	96.20	1.36	ppb
Cobalt	59-2	95.98	101.63	97.93	98.51	2.92	ppb
Copper	63-2	97.44	101.72	97.68	98.94	2.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	996.20	1034.99	1009.83	1013.67	1.94	ppb
Iron	57-2	1002.71	1001.61	1002.51	1002.28	0.06	ppb
Krypton	83-1						cps
Lead	206-1	192.67	191.57	193.20	192.48	0.43	ppb
Lead	207-1	181.79	183.89	183.75	183.15	0.64	ppb
Lead	208-1	192.44	192.40	190.13	191.66	0.69	ppb
Lithium	6-1				100		%
Magnesium	24-2	1191.31	1218.57	1200.47	1203.45	1.15	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:13:54	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	98.74	103.92	97.19	99.95	3.53	ppb
Molybdenum	94-1	0.35	0.26	0.26	0.29	16.72	ppb
Molybdenum	95-1	0.09	0.11	0.11	0.11	12.37	ppb
Molybdenum	96-1	0.14	0.11	0.16	0.14	16.91	ppb
Molybdenum	97-1	0.06	0.08	0.09	0.08	23.69	ppb
Molybdenum	98-1	0.08	0.07	0.09	0.08	8.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.99	102.34	99.74	100.02	2.19	ppb
Phosphorus	31-2	5.46	6.51	25.25	12.41	89.76	ppb
Potassium	39-2	1893.15	1992.29	1924.70	1936.72	2.62	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	244.04	174.65	175.33	198.01	20.13	ppb
Selenium	78-2	220.43	190.15	185.90	198.83	9.47	ppb
Selenium	82-1	197.58	201.53	201.44	200.18	1.13	ppb
Silicon	28-1	-5.91	-7.53	-8.90	-7.44		ppb
Silver	109-1	102.71	100.53	100.14	101.12	1.37	ppb
Silver	107-1	102.12	101.40	100.08	101.20	1.03	ppb
Sodium	23-2	2034.79	2131.15	2095.16	2087.03	2.33	ppb
Strontium	86-1	2.17	2.05	2.21	2.14	3.90	ppb
Strontium	88-1	2.33	2.31	2.29	2.31	0.77	ppb
Sulfur	34-1	-952.12	-1223.84	-1303.06	-1159.67		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	192.15	195.82	193.28	193.75	0.97	ppb
Thallium	205-1	200.46	200.22	200.11	200.26	0.09	ppb
Tin	118-1	0.21	0.22	0.24	0.22	6.36	ppb
Titanium	47-1	0.09	0.13	0.08	0.10	31.00	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	95.74	98.53	96.79	97.02	1.45	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	195.10	203.10	204.04	200.74	2.45	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:13:54	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.17	0.15	0.16	0.16	5.74	ppb
Zirconium	91-1	0.20	0.25	0.22	0.22	11.51	ppb

LB Number : LB96124 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-19 15:17:44 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.08	4.98	2.43	2.83	69.96	ppb
Antimony	121-1	0.48	0.45	0.47	0.47	3.74	ppb
Arsenic	75-2	0.08	-0.01	0.07	0.05	103.31	ppb
Barium	135-1	0.00	0.01	0.00	0.00	616.08	ppb
Barium	137-1	-0.01	0.00	0.01	0.00		ppb
Beryllium	9-1	0.03	0.05	0.05	0.04	23.05	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Boron	10-1	7.33	6.10	6.56	6.67	9.28	ppb
Boron	11-1	6.57	6.70	7.21	6.82	4.94	ppb
Cadmium	111-1	-0.05	0.05	-0.07	-0.02		ppb
Cadmium	106-1	-0.74	0.62	-1.15	-0.42		ppb
Cadmium	108-1	0.01	0.08	-0.06	0.01	718.02	ppb
Calcium	43-1	-7.40	-5.14	-7.94	-6.82		ppb
Calcium	44-1	1.92	3.62	8.65	4.73	74.00	ppb
Chromium	52-2	0.06	-0.17	-0.10	-0.07		ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.02		ppb
Copper	63-2	0.04	0.01	0.03	0.02	55.92	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				101		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	56-2	0.63	0.41	0.15	0.40	59.96	ppb
Iron	57-2	1.24	-0.70	-0.29	0.08	1245.09	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.04	0.03	13.57	ppb
Lead	207-1	0.02	0.03	0.05	0.04	37.89	ppb
Lead	208-1	0.03	0.03	0.03	0.03	6.08	ppb
Lithium	6-1				99		%
Magnesium	24-2	1.67	1.65	3.32	2.21	43.34	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:17:44	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	-0.05	0.02	-0.01		ppb
Molybdenum	94-1	0.06	0.09	0.06	0.07	25.95	ppb
Molybdenum	95-1	0.06	0.07	0.05	0.06	16.48	ppb
Molybdenum	96-1	0.06	0.06	0.05	0.06	6.10	ppb
Molybdenum	97-1	0.03	0.09	0.06	0.06	51.62	ppb
Molybdenum	98-1	0.04	0.05	0.05	0.05	13.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.02	0.02	0.00		ppb
Phosphorus	31-2	5.69	5.64	-13.24	-0.64		ppb
Potassium	39-2	0.50	-19.15	-1.04	-6.56		ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				106		%
Selenium	77-2	0.00	0.00	5.34	1.78	173.21	ppb
Selenium	78-2	0.25	-0.56	-0.56	-0.29		ppb
Selenium	82-1	-0.62	0.25	-0.09	-0.15		ppb
Silicon	28-1	-8.49	-8.80	-4.72	-7.34		ppb
Silver	109-1	0.01	0.01	0.01	0.01	14.85	ppb
Silver	107-1	0.01	0.00	0.02	0.01	79.54	ppb
Sodium	23-2	48.46	41.38	46.15	45.33	7.97	ppb
Strontium	86-1	-0.05	-0.02	-0.06	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-843.12	-920.65	56.52	-569.08		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	0.08	0.09	0.08	0.08	5.06	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	2.06	ppb
Tin	118-1	0.18	0.15	0.15	0.16	10.91	ppb
Titanium	47-1	-0.04	0.06	0.00	0.01	671.61	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.03	0.01	-0.02	-0.01		ppb
Yttrium	89-1				100		%
Yttrium	89-2				104		%
Zinc	66-2	-0.20	-0.20	-0.27	-0.22		ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:17:44	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.02	0.03	0.03	24.83	ppb
Zirconium	91-1	0.01	0.06	0.02	0.03	80.02	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:21:04	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91232.46	89045.73	89411.35	89896.51	1.30	ppb
Antimony	121-1	1.38	1.22	1.27	1.29	6.40	ppb
Arsenic	75-2	0.35	0.33	0.20	0.29	27.91	ppb
Barium	135-1	1.42	1.43	1.43	1.43	0.51	ppb
Barium	137-1	1.77	1.43	1.43	1.54	12.59	ppb
Beryllium	9-1	0.28	0.29	0.35	0.31	11.86	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	7.38	7.16	9.10	7.88	13.48	ppb
Boron	11-1	9.04	8.28	9.00	8.77	4.90	ppb
Cadmium	111-1	0.31	0.29	0.23	0.28	15.75	ppb
Cadmium	106-1	-0.24	0.17	0.02	-0.01		ppb
Cadmium	108-1	9.92	8.39	8.50	8.94	9.57	ppb
Calcium	43-1	96673.53	93138.78	91476.75	93763.02	2.83	ppb
Calcium	44-1	97001.76	92421.10	91523.13	93648.67	3.14	ppb
Chromium	52-2	18.80	19.28	18.47	18.85	2.16	ppb
Cobalt	59-2	0.99	1.11	1.05	1.05	5.89	ppb
Copper	63-2	7.74	7.29	7.38	7.47	3.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	98402.73	98057.71	96345.16	97601.87	1.13	ppb
Iron	57-2	97585.81	97481.74	97889.17	97652.24	0.22	ppb
Krypton	83-1						cps
Lead	206-1	4.96	4.68	4.58	4.74	4.13	ppb
Lead	207-1	4.31	3.97	3.98	4.09	4.72	ppb
Lead	208-1	4.56	4.33	4.25	4.38	3.62	ppb
Lithium	6-1				97		%
Magnesium	24-2	98038.42	97819.41	96505.52	97454.45	0.85	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:21:04	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.85	7.24	7.49	7.53	4.10	ppb
Molybdenum	94-1	1416.43	1342.04	1323.30	1360.59	3.62	ppb
Molybdenum	95-1	2040.67	1949.06	1889.77	1959.83	3.88	ppb
Molybdenum	96-1	1961.33	1881.35	1817.55	1886.74	3.82	ppb
Molybdenum	97-1	2062.66	1949.76	1925.19	1979.20	3.70	ppb
Molybdenum	98-1	2021.62	1963.30	1900.01	1961.64	3.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.24	5.23	5.41	5.29	1.89	ppb
Phosphorus	31-2	96526.00	97005.13	96276.65	96602.60	0.38	ppb
Potassium	39-2	98539.36	97850.09	95890.32	97426.59	1.41	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.07	0.26	0.26	0.53	88.62	ppb
Selenium	82-1	-0.49	0.32	0.39	0.07	666.42	ppb
Silicon	28-1	32.98	25.99	26.36	28.44	13.84	ppb
Silver	109-1	0.04	0.04	0.07	0.05	31.57	ppb
Silver	107-1	0.04	0.03	0.05	0.04	22.66	ppb
Sodium	23-2	99595.88	100173.45	97787.79	99185.71	1.25	ppb
Strontium	86-1	35.36	35.35	34.01	34.91	2.22	ppb
Strontium	88-1	36.35	34.83	33.90	35.03	3.53	ppb
Sulfur	34-1	94871.53	91032.34	89082.51	91662.13	3.21	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.17	0.17	0.17	0.17	1.20	ppb
Thallium	205-1	0.14	0.17	0.16	0.16	9.01	ppb
Tin	118-1	0.29	0.24	0.28	0.27	9.24	ppb
Titanium	47-1	2078.87	1980.58	1963.33	2007.59	3.10	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	13.94	ppb
Vanadium	51-2	0.10	0.13	0.17	0.13	27.33	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	10.41	10.73	11.20	10.78	3.71	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:21:04	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.66	0.50	0.37	0.51	28.73	ppb
Zirconium	91-1	0.56	0.50	0.44	0.50	12.35	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:24:19	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92687.83	92282.52	95909.05	93626.47	2.12	ppb
Antimony	121-1	20.57	20.50	20.52	20.53	0.18	ppb
Arsenic	75-2	18.83	19.02	21.62	19.82	7.85	ppb
Barium	135-1	21.22	21.05	21.47	21.25	0.99	ppb
Barium	137-1	21.19	21.15	21.38	21.24	0.59	ppb
Beryllium	9-1	19.25	19.95	19.36	19.52	1.92	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	67.29	67.47	68.12	67.63	0.64	ppb
Boron	11-1	69.61	69.14	70.74	69.83	1.18	ppb
Cadmium	111-1	19.66	19.62	20.13	19.80	1.45	ppb
Cadmium	106-1	25.11	21.55	25.59	24.09	9.16	ppb
Cadmium	108-1	28.85	30.35	30.84	30.01	3.46	ppb
Calcium	43-1	91600.21	92803.91	91899.46	92101.20	0.68	ppb
Calcium	44-1	90631.76	91886.43	90628.59	91048.93	0.80	ppb
Chromium	52-2	39.77	40.34	41.67	40.60	2.40	ppb
Cobalt	59-2	21.12	20.82	22.21	21.39	3.41	ppb
Copper	63-2	27.31	27.54	28.39	27.75	2.05	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				101		%
Indium	115-2				97		%
Iron	56-2	99695.30	99979.63	105031.23	101568.72	2.96	ppb
Iron	57-2	99117.95	99621.96	106133.48	101624.46	3.85	ppb
Krypton	83-1						cps
Lead	206-1	24.22	24.19	24.45	24.29	0.59	ppb
Lead	207-1	22.18	21.97	21.94	22.03	0.59	ppb
Lead	208-1	23.09	22.93	22.97	23.00	0.37	ppb
Lithium	6-1				103		%
Magnesium	24-2	101027.78	99312.07	105710.99	102016.95	3.25	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:24:19	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.97	27.70	29.54	28.07	4.72	ppb
Molybdenum	94-1	1430.04	1415.63	1454.79	1433.49	1.38	ppb
Molybdenum	95-1	1953.97	1939.29	1974.20	1955.82	0.90	ppb
Molybdenum	96-1	1879.89	1855.00	1913.13	1882.67	1.55	ppb
Molybdenum	97-1	1951.03	1949.66	1983.41	1961.37	0.97	ppb
Molybdenum	98-1	1951.44	1942.63	1945.66	1946.58	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.85	25.26	26.86	25.99	3.10	ppb
Phosphorus	31-2	102374.00	98923.67	103827.04	101708.24	2.48	ppb
Potassium	39-2	100286.66	99889.77	104497.14	101557.86	2.51	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	21.62	38.08	47.27	35.66	36.45	ppb
Selenium	78-2	18.41	19.36	29.19	22.32	26.73	ppb
Selenium	82-1	19.56	19.09	19.36	19.34	1.23	ppb
Silicon	28-1	86.28	87.17	86.06	86.50	0.68	ppb
Silver	109-1	18.20	18.59	18.85	18.55	1.75	ppb
Silver	107-1	18.65	18.76	18.67	18.69	0.33	ppb
Sodium	23-2	102146.48	101415.79	105999.25	103187.17	2.39	ppb
Strontium	86-1	87.56	87.76	88.48	87.93	0.55	ppb
Strontium	88-1	89.67	90.82	90.60	90.36	0.68	ppb
Sulfur	34-1	89039.10	88461.23	87658.23	88386.19	0.78	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	19.47	19.74	20.09	19.77	1.59	ppb
Thallium	205-1	20.00	20.07	20.09	20.05	0.24	ppb
Tin	118-1	56.71	57.77	58.16	57.55	1.31	ppb
Titanium	47-1	2017.56	2030.43	2025.82	2024.60	0.32	ppb
Uranium	238-1	54.66	54.82	54.21	54.56	0.59	ppb
Vanadium	51-2	19.48	19.87	20.38	19.91	2.26	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	30.78	30.01	31.41	30.73	2.28	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:24:19	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	53.30	53.66	54.34	53.77	0.98	ppb
Zirconium	91-1	53.63	52.18	53.87	53.23	1.72	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:27:33	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52100.45	51457.00	51663.23	51740.23	0.64	ppb
Antimony	121-1	504.68	527.58	527.59	519.95	2.54	ppb
Arsenic	75-2	501.72	491.19	489.03	493.98	1.37	ppb
Barium	135-1	2570.12	2683.44	2657.23	2636.93	2.25	ppb
Barium	137-1	2521.98	2663.91	2639.88	2608.59	2.91	ppb
Beryllium	9-1	490.27	498.29	503.83	497.46	1.37	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	477.21	494.57	517.87	496.55	4.11	ppb
Boron	11-1	485.94	500.90	519.87	502.24	3.39	ppb
Cadmium	111-1	498.51	514.26	511.78	508.19	1.67	ppb
Cadmium	106-1	490.27	516.16	514.40	506.94	2.85	ppb
Cadmium	108-1	491.55	513.42	510.74	505.23	2.36	ppb
Calcium	43-1	251902.44	257620.54	262524.89	257349.29	2.07	ppb
Calcium	44-1	252331.53	254991.52	262427.11	256583.39	2.04	ppb
Chromium	52-2	522.01	520.89	524.63	522.51	0.37	ppb
Cobalt	59-2	486.73	488.83	495.29	490.28	0.91	ppb
Copper	63-2	976.78	969.73	983.75	976.75	0.72	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				106		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	124066.56	124956.37	126532.71	125185.21	1.00	ppb
Iron	57-2	126664.37	126001.12	127139.01	126601.50	0.45	ppb
Krypton	83-1						cps
Lead	206-1	512.59	526.46	524.44	521.17	1.44	ppb
Lead	207-1	514.40	520.57	528.05	521.01	1.31	ppb
Lead	208-1	512.60	525.35	526.71	521.55	1.49	ppb
Lithium	6-1				104		%
Magnesium	24-2	257234.59	254326.68	253908.24	255156.50	0.71	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:27:33	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1018.43	1026.51	1037.16	1027.36	0.91	ppb
Molybdenum	94-1	2551.37	2570.93	2652.81	2591.70	2.08	ppb
Molybdenum	95-1	2556.15	2603.78	2649.61	2603.18	1.80	ppb
Molybdenum	96-1	2552.46	2590.03	2643.77	2595.42	1.77	ppb
Molybdenum	97-1	2550.75	2605.46	2659.48	2605.23	2.09	ppb
Molybdenum	98-1	2553.33	2614.89	2636.22	2601.48	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.58	498.63	507.21	502.48	0.87	ppb
Phosphorus	31-2	10753.99	10438.23	10818.60	10670.27	1.91	ppb
Potassium	39-2	127756.25	128514.15	130174.22	128814.88	0.96	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				106		%
Selenium	77-2	560.86	578.54	480.84	540.08	9.64	ppb
Selenium	78-2	509.69	481.39	505.84	498.97	3.08	ppb
Selenium	82-1	504.58	512.34	523.37	513.43	1.84	ppb
Silicon	28-1	484.00	497.66	515.12	498.93	3.13	ppb
Silver	109-1	501.77	519.30	518.31	513.13	1.92	ppb
Silver	107-1	504.01	512.62	517.47	511.37	1.33	ppb
Sodium	23-2	255345.40	255789.10	257293.97	256142.82	0.40	ppb
Strontium	86-1	516.23	530.16	543.53	529.97	2.58	ppb
Strontium	88-1	517.20	531.87	538.59	529.22	2.07	ppb
Sulfur	34-1	11496.42	12108.81	12915.36	12173.53	5.85	ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	509.37	521.72	527.93	519.67	1.82	ppb
Thallium	205-1	508.17	517.64	519.79	515.20	1.20	ppb
Tin	118-1	517.27	533.19	530.81	527.09	1.63	ppb
Titanium	47-1	2533.22	2605.73	2696.98	2611.98	3.14	ppb
Uranium	238-1	512.37	522.85	530.10	521.78	1.71	ppb
Vanadium	51-2	504.40	503.11	510.97	506.16	0.83	ppb
Yttrium	89-1				102		%
Yttrium	89-2				106		%
Zinc	66-2	978.66	978.81	988.99	982.16	0.60	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:27:33	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	510.48	516.71	527.02	518.07	1.61	ppb
Zirconium	91-1	515.52	522.21	532.37	523.37	1.62	ppb

LB Number : LB96124 Operator : Jaswal
 Lab Sample ID : CCB15 Instrumnet Name : P8
 Client Sample ID : CCB15 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-19 15:31:38 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.52	1.09	1.13	0.23	648.89	ppb
Antimony	121-1	0.76	0.68	0.66	0.70	7.71	ppb
Arsenic	75-2	0.01	0.03	0.10	0.05	103.02	ppb
Barium	135-1	0.06	0.07	0.02	0.05	52.06	ppb
Barium	137-1	0.03	0.00	0.02	0.02	106.43	ppb
Beryllium	9-1	0.07	0.06	0.04	0.06	24.01	ppb
Bismuth	209-1				104		%
Bismuth	209-2				107		%
Boron	10-1	15.08	14.78	11.07	13.65	16.36	ppb
Boron	11-1	15.14	14.29	12.91	14.11	7.99	ppb
Cadmium	111-1	-0.03	0.03	-0.01	0.00		ppb
Cadmium	106-1	-0.59	0.17	-0.26	-0.23		ppb
Cadmium	108-1	0.10	0.01	0.20	0.10	90.28	ppb
Calcium	43-1	0.74	-6.99	-2.48	-2.91		ppb
Calcium	44-1	15.35	18.40	13.92	15.89	14.40	ppb
Chromium	52-2	-0.11	-0.16	-0.15	-0.14		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.01	0.10	0.01	0.04	131.61	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				106		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	3.17	2.71	3.00	2.96	7.79	ppb
Iron	57-2	4.38	1.25	3.63	3.08	53.04	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.09	0.09	0.08	7.51	ppb
Lead	207-1	0.10	0.09	0.09	0.10	7.28	ppb
Lead	208-1	0.09	0.10	0.08	0.09	9.79	ppb
Lithium	6-1				106		%
Magnesium	24-2	4.39	4.62	3.08	4.03	20.57	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:31:38	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.06	0.02	-0.05	-0.03		ppb
Molybdenum	94-1	0.55	0.62	0.46	0.55	15.21	ppb
Molybdenum	95-1	0.74	0.56	0.60	0.63	14.51	ppb
Molybdenum	96-1	0.70	0.61	0.53	0.61	14.00	ppb
Molybdenum	97-1	0.72	0.74	0.53	0.67	17.17	ppb
Molybdenum	98-1	0.69	0.67	0.61	0.65	6.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.06	-0.04	-0.05		ppb
Phosphorus	31-2	-13.24	-13.24	5.87	-6.87		ppb
Potassium	39-2	-2.07	6.59	-0.87	1.22	385.53	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	5.33	1.78	173.21	ppb
Selenium	78-2	1.06	1.07	0.25	0.79	59.10	ppb
Selenium	82-1	0.60	0.23	0.01	0.28	105.44	ppb
Silicon	28-1	-9.79	-5.13	-9.78	-8.23		ppb
Silver	109-1	0.06	0.04	0.02	0.04	46.83	ppb
Silver	107-1	0.04	0.04	0.04	0.04	9.44	ppb
Sodium	23-2	77.93	71.45	76.26	75.21	4.47	ppb
Strontium	86-1	0.01	0.04	0.01	0.02	93.44	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	215.58	ppb
Sulfur	34-1	-1527.17	-688.40	-1143.38	-1119.65		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.20	0.17	0.16	0.18	12.84	ppb
Thallium	205-1	0.18	0.15	0.13	0.15	15.66	ppb
Tin	118-1	0.28	0.27	0.23	0.26	10.73	ppb
Titanium	47-1	0.05	0.10	0.09	0.08	32.47	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	87.02	ppb
Vanadium	51-2	-0.02	-0.01	0.00	-0.01		ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	-0.10	-0.32	-0.25	-0.22		ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:31:38	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.11	0.13	0.13	0.13	10.39	ppb
Zirconium	91-1	0.16	0.12	0.11	0.13	19.00	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:34:58	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.65	11.10	14.30	15.02	28.79	ppb
Antimony	121-1	2.16	2.35	2.22	2.24	4.31	ppb
Arsenic	75-2	0.96	1.05	1.04	1.02	4.77	ppb
Barium	135-1	9.87	10.55	10.03	10.15	3.51	ppb
Barium	137-1	9.97	10.35	9.97	10.10	2.16	ppb
Beryllium	9-1	0.99	1.14	1.04	1.06	7.48	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	30.00	32.79	32.12	31.64	4.60	ppb
Boron	11-1	30.46	34.09	32.45	32.33	5.62	ppb
Cadmium	111-1	0.83	1.07	0.88	0.93	13.32	ppb
Cadmium	106-1	0.40	0.37	0.16	0.31	41.60	ppb
Cadmium	108-1	1.09	1.16	1.16	1.14	3.65	ppb
Calcium	43-1	459.78	494.63	426.23	460.21	7.43	ppb
Calcium	44-1	462.72	508.49	469.09	480.10	5.16	ppb
Chromium	52-2	1.96	2.13	1.87	1.99	6.75	ppb
Cobalt	59-2	1.03	1.05	0.95	1.01	5.00	ppb
Copper	63-2	2.14	2.15	2.08	2.12	1.81	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				105		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	54.82	54.09	52.84	53.92	1.86	ppb
Iron	57-2	54.15	61.85	43.81	53.27	16.99	ppb
Krypton	83-1						cps
Lead	206-1	1.06	1.09	1.06	1.07	1.40	ppb
Lead	207-1	0.99	1.01	1.08	1.03	4.86	ppb
Lead	208-1	1.01	1.06	1.04	1.03	2.54	ppb
Lithium	6-1				103		%
Magnesium	24-2	487.77	506.97	518.73	504.49	3.10	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:34:58	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.23	1.06	0.94	1.08	13.64	ppb
Molybdenum	94-1	5.55	5.92	5.39	5.62	4.86	ppb
Molybdenum	95-1	5.16	5.69	5.26	5.37	5.30	ppb
Molybdenum	96-1	5.47	5.67	5.23	5.46	4.03	ppb
Molybdenum	97-1	5.28	5.23	5.13	5.22	1.47	ppb
Molybdenum	98-1	5.24	5.58	5.08	5.30	4.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	1.03	1.17	1.05	10.26	ppb
Phosphorus	31-2	-13.24	-13.24	5.84	-6.88		ppb
Potassium	39-2	484.99	509.32	495.66	496.66	2.46	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	5.22	5.40	5.22	5.28	1.97	ppb
Selenium	78-2	6.62	3.56	2.63	4.27	48.84	ppb
Selenium	82-1	5.54	5.23	4.55	5.11	9.87	ppb
Silicon	28-1	6.00	13.65	6.02	8.56	51.57	ppb
Silver	109-1	1.01	1.15	1.05	1.07	6.96	ppb
Silver	107-1	0.99	1.11	1.06	1.06	6.06	ppb
Sodium	23-2	575.94	581.24	573.22	576.80	0.71	ppb
Strontium	86-1	0.98	1.08	0.91	0.99	8.66	ppb
Strontium	88-1	1.02	1.12	1.06	1.07	4.82	ppb
Sulfur	34-1	-1090.75	190.51	-1080.46	-660.23		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	1.08	1.16	1.13	1.12	3.75	ppb
Thallium	205-1	1.08	1.16	1.03	1.09	5.97	ppb
Tin	118-1	5.60	5.68	5.56	5.61	1.08	ppb
Titanium	47-1	4.84	5.02	4.63	4.83	4.07	ppb
Uranium	238-1	0.92	1.00	0.94	0.95	4.30	ppb
Vanadium	51-2	4.71	4.98	4.64	4.78	3.71	ppb
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	2.58	3.04	2.33	2.65	13.68	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:34:58	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.29	1.34	1.27	1.30	2.76	ppb
Zirconium	91-1	1.26	1.39	1.25	1.30	6.34	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	PB110336BL	Instrumnet Name :	P8
Client Sample ID :	PB110336BL	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:38:19	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.32	-1.53	-0.28	0.17	1140.61	ppb
Antimony	121-1	0.15	0.15	0.12	0.14	13.64	ppb
Arsenic	75-2	0.03	0.06	0.04	0.05	41.36	ppb
Barium	135-1	0.01	0.01	0.01	0.01	12.53	ppb
Barium	137-1	-0.01	0.00	0.00	-0.01		ppb
Beryllium	9-1	0.00	0.02	0.05	0.02	112.90	ppb
Bismuth	209-1				105		%
Bismuth	209-2				108		%
Boron	10-1	7.66	7.89	5.73	7.09	16.71	ppb
Boron	11-1	8.20	6.85	7.70	7.58	8.99	ppb
Cadmium	111-1	0.04	0.03	0.09	0.06	53.41	ppb
Cadmium	106-1	0.53	0.34	1.12	0.66	61.63	ppb
Cadmium	108-1	0.01	0.04	0.04	0.03	52.60	ppb
Calcium	43-1	-6.63	-8.59	0.54	-4.89		ppb
Calcium	44-1	16.15	10.92	11.99	13.02	21.22	ppb
Chromium	52-2	-0.10	-0.12	-0.17	-0.13		ppb
Cobalt	59-2	-0.03	0.00	-0.03	-0.02		ppb
Copper	63-2	0.04	0.03	0.05	0.04	22.99	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				105		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	56-2	1.56	1.29	1.81	1.56	16.82	ppb
Iron	57-2	1.19	0.47	-0.35	0.44	175.82	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.03	0.05	29.88	ppb
Lead	207-1	0.06	0.04	0.04	0.05	27.02	ppb
Lead	208-1	0.06	0.04	0.04	0.05	18.53	ppb
Lithium	6-1				104		%
Magnesium	24-2	1.06	0.34	1.31	0.91	55.80	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	PB110336BL	Instrumnet Name :	P8
Client Sample ID :	PB110336BL	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:38:19	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.04	0.00	0.02	76.71	ppb
Molybdenum	94-1	0.18	0.11	0.17	0.15	25.69	ppb
Molybdenum	95-1	0.15	0.15	0.13	0.14	9.61	ppb
Molybdenum	96-1	0.14	0.13	0.16	0.14	9.97	ppb
Molybdenum	97-1	0.15	0.18	0.10	0.14	28.68	ppb
Molybdenum	98-1	0.15	0.17	0.14	0.15	7.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.00	0.01	72.28	ppb
Phosphorus	31-2	-13.24	-13.24	5.44	-7.02		ppb
Potassium	39-2	5.92	-1.71	11.34	5.18	126.48	ppb
Rhodium	103-1				104		%
Rhodium	103-2				107		%
Scandium	45-1				102		%
Scandium	45-2				107		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.80	-0.56	1.01	0.75	160.48	ppb
Selenium	82-1	0.01	-0.33	0.26	-0.02		ppb
Silicon	28-1	-6.96	-12.57	-11.21	-10.25		ppb
Silver	109-1	0.01	0.01	0.01	0.01	31.60	ppb
Silver	107-1	0.01	0.02	0.01	0.01	45.34	ppb
Sodium	23-2	56.07	57.95	53.00	55.68	4.48	ppb
Strontium	86-1	-0.02	0.01	-0.03	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-72.83	-1166.08	-1024.66	-754.53		ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	0.10	0.08	0.07	0.08	18.38	ppb
Thallium	205-1	0.10	0.07	0.08	0.08	18.40	ppb
Tin	118-1	0.19	0.16	0.11	0.15	24.53	ppb
Titanium	47-1	0.05	0.05	0.03	0.04	31.86	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.02	-0.03	-0.03	-0.02		ppb
Yttrium	89-1				103		%
Yttrium	89-2				107		%
Zinc	66-2	0.21	0.46	0.06	0.24	83.62	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	PB110336BL	Instrumnet Name :	P8
Client Sample ID :	PB110336BL	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:38:19	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.03	0.04	0.04	34.21	ppb
Zirconium	91-1	0.04	0.06	0.05	0.05	14.74	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	PB110336BS	Instrumnet Name :	P8
Client Sample ID :	PB110336BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:41:39	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.37	41.15	33.39	37.97	10.70	ppb
Antimony	121-1	3.77	3.90	3.96	3.88	2.55	ppb
Arsenic	75-2	2.08	1.67	2.04	1.93	11.94	ppb
Barium	135-1	18.02	19.69	19.01	18.91	4.43	ppb
Barium	137-1	18.52	19.33	19.22	19.02	2.32	ppb
Beryllium	9-1	1.94	1.95	2.12	2.00	4.90	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Boron	10-1	49.94	53.90	52.01	51.95	3.81	ppb
Boron	11-1	50.19	53.29	54.31	52.60	4.07	ppb
Cadmium	111-1	1.97	2.00	2.02	2.00	1.28	ppb
Cadmium	106-1	2.16	2.58	1.99	2.24	13.47	ppb
Cadmium	108-1	1.76	1.47	2.44	1.89	26.32	ppb
Calcium	43-1	867.05	890.33	948.92	902.10	4.68	ppb
Calcium	44-1	897.21	891.04	916.40	901.55	1.47	ppb
Chromium	52-2	3.90	3.91	4.05	3.95	2.01	ppb
Cobalt	59-2	1.96	2.01	2.03	2.00	1.76	ppb
Copper	63-2	3.92	3.96	4.11	4.00	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				107		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	403.86	409.57	413.96	409.13	1.24	ppb
Iron	57-2	385.49	412.47	399.14	399.03	3.38	ppb
Krypton	83-1						cps
Lead	206-1	1.83	1.96	2.01	1.93	4.85	ppb
Lead	207-1	1.89	1.96	1.89	1.91	2.00	ppb
Lead	208-1	1.86	1.91	1.92	1.90	1.75	ppb
Lithium	6-1				106		%
Magnesium	24-2	999.53	972.88	981.58	984.66	1.38	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	PB110336BS	Instrumnet Name :	P8
Client Sample ID :	PB110336BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:41:39	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.95	2.02	1.98	1.98	1.68	ppb
Molybdenum	94-1	9.74	9.76	10.08	9.86	1.94	ppb
Molybdenum	95-1	9.67	9.53	9.58	9.59	0.72	ppb
Molybdenum	96-1	9.51	9.87	9.39	9.59	2.60	ppb
Molybdenum	97-1	9.30	9.25	9.70	9.41	2.64	ppb
Molybdenum	98-1	9.38	9.74	9.75	9.62	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.17	1.99	1.96	2.04	5.63	ppb
Phosphorus	31-2	-13.24	-13.24	24.27	-0.74		ppb
Potassium	39-2	993.02	947.06	912.69	950.92	4.24	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	10.38	10.39	15.28	12.02	23.50	ppb
Selenium	78-2	12.11	10.53	11.09	11.24	7.11	ppb
Selenium	82-1	10.72	10.20	9.53	10.15	5.85	ppb
Silicon	28-1	19.83	19.15	20.61	19.86	3.67	ppb
Silver	109-1	1.98	2.02	2.08	2.03	2.37	ppb
Silver	107-1	1.93	1.99	2.01	1.98	2.23	ppb
Sodium	23-2	1034.19	1039.14	1051.74	1041.69	0.87	ppb
Strontium	86-1	1.79	2.17	2.08	2.01	9.88	ppb
Strontium	88-1	1.98	1.95	1.97	1.97	0.82	ppb
Sulfur	34-1	-1094.59	-1296.77	-797.31	-1062.89		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	1.95	1.95	1.90	1.93	1.31	ppb
Thallium	205-1	1.92	1.92	2.00	1.95	2.43	ppb
Tin	118-1	10.17	10.50	10.60	10.42	2.15	ppb
Titanium	47-1	9.18	9.43	9.99	9.53	4.32	ppb
Uranium	238-1	1.87	1.85	1.86	1.86	0.65	ppb
Vanadium	51-2	9.24	9.79	9.26	9.43	3.31	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	4.65	4.51	4.39	4.52	2.81	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	PB110336BS	Instrumnet Name :	P8
Client Sample ID :	PB110336BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:41:39	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.15	2.15	2.17	2.16	0.63	ppb
Zirconium	91-1	2.13	2.10	2.26	2.16	3.81	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	PB110335BL	Instrumnet Name :	P8
Client Sample ID :	PB110335BL	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:44:59	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.84	-1.58	-2.89	-2.44		ppb
Antimony	121-1	0.09	0.07	0.08	0.08	8.57	ppb
Arsenic	75-2	0.05	-0.01	-0.03	0.00	1272.44	ppb
Barium	135-1	0.00	0.01	0.00	0.00	212.07	ppb
Barium	137-1	0.00	0.01	-0.01	0.00	786.10	ppb
Beryllium	9-1	0.03	0.01	0.01	0.02	73.43	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Boron	10-1	6.63	6.14	6.75	6.51	4.96	ppb
Boron	11-1	7.50	7.17	6.77	7.15	5.15	ppb
Cadmium	111-1	0.00	0.07	-0.03	0.01	346.42	ppb
Cadmium	106-1	0.05	0.87	-0.44	0.16	409.16	ppb
Cadmium	108-1	0.07	0.04	0.07	0.06	30.34	ppb
Calcium	43-1	3.70	-11.76	-6.13	-4.73		ppb
Calcium	44-1	7.88	8.30	7.46	7.88	5.36	ppb
Chromium	52-2	-0.17	-0.19	-0.21	-0.19		ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.02		ppb
Copper	63-2	0.00	0.00	0.04	0.01	244.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				108		%
Iron	56-2	0.43	0.61	0.45	0.49	20.13	ppb
Iron	57-2	-0.31	0.02	-0.05	-0.12		ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.05	0.04	29.70	ppb
Lead	207-1	0.03	0.01	0.05	0.03	62.45	ppb
Lead	208-1	0.03	0.03	0.04	0.03	16.18	ppb
Lithium	6-1				105		%
Magnesium	24-2	2.46	1.80	0.38	1.55	68.43	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	PB110335BL	Instrumnet Name :	P8
Client Sample ID :	PB110335BL	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:44:59	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.06	-0.03	0.03	167.83	ppb
Molybdenum	94-1	0.06	0.04	0.08	0.06	31.42	ppb
Molybdenum	95-1	0.08	0.08	0.03	0.06	49.81	ppb
Molybdenum	96-1	0.07	0.07	0.05	0.06	21.51	ppb
Molybdenum	97-1	0.01	0.05	0.06	0.04	62.84	ppb
Molybdenum	98-1	0.05	0.04	0.07	0.05	25.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.01	0.02	0.02	82.21	ppb
Phosphorus	31-2	24.58	5.35	-13.24	5.56	340.06	ppb
Potassium	39-2	9.54	4.11	-9.13	1.51	636.99	ppb
Rhodium	103-1				106		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	77-2	0.00	5.11	0.00	1.70	173.21	ppb
Selenium	78-2	2.63	-0.56	0.99	1.02	156.49	ppb
Selenium	82-1	-0.21	-0.35	0.31	-0.08		ppb
Silicon	28-1	-12.31	-14.79	-14.88	-13.99		ppb
Silver	109-1	0.00	0.01	0.00	0.00	30.95	ppb
Silver	107-1	0.01	0.01	0.01	0.01	37.54	ppb
Sodium	23-2	51.48	42.74	45.97	46.73	9.45	ppb
Strontium	86-1	-0.02	-0.07	-0.05	-0.04		ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	-930.64	-1165.90	-1117.93	-1071.49		ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	0.05	0.06	0.08	0.06	23.36	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	9.24	ppb
Tin	118-1	0.12	0.13	0.14	0.13	8.79	ppb
Titanium	47-1	-0.02	0.03	0.04	0.02	188.82	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	-0.02	0.00	-0.01		ppb
Yttrium	89-1				106		%
Yttrium	89-2				108		%
Zinc	66-2	0.21	0.10	0.26	0.19	40.96	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	PB110335BL	Instrumnet Name :	P8
Client Sample ID :	PB110335BL	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:44:59	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.02	0.02	35.16	ppb
Zirconium	91-1	0.04	0.04	0.04	0.04	8.68	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	PB110335BS	Instrumnet Name :	P8
Client Sample ID :	PB110335BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:48:19	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55.36	36.81	34.77	42.31	26.80	ppb
Antimony	121-1	3.88	4.01	3.97	3.96	1.67	ppb
Arsenic	75-2	1.85	1.88	1.66	1.80	6.71	ppb
Barium	135-1	19.30	19.24	19.79	19.44	1.55	ppb
Barium	137-1	19.39	20.05	19.58	19.67	1.74	ppb
Beryllium	9-1	2.03	1.86	2.13	2.01	6.68	ppb
Bismuth	209-1				106		%
Bismuth	209-2				109		%
Boron	10-1	51.75	52.15	54.57	52.82	2.88	ppb
Boron	11-1	50.65	53.45	53.65	52.58	3.19	ppb
Cadmium	111-1	1.94	1.88	2.00	1.94	3.27	ppb
Cadmium	106-1	2.03	1.63	2.07	1.91	12.67	ppb
Cadmium	108-1	2.40	2.26	1.96	2.21	10.16	ppb
Calcium	43-1	896.53	907.20	893.61	899.11	0.80	ppb
Calcium	44-1	896.04	901.42	929.03	908.83	1.95	ppb
Chromium	52-2	3.96	4.10	4.03	4.03	1.82	ppb
Cobalt	59-2	2.05	1.99	1.99	2.01	1.70	ppb
Copper	63-2	4.03	4.09	4.07	4.06	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				108		%
Iron	56-2	424.49	414.08	425.18	421.25	1.48	ppb
Iron	57-2	427.22	402.61	411.58	413.80	3.01	ppb
Krypton	83-1						cps
Lead	206-1	1.88	1.94	1.95	1.93	2.09	ppb
Lead	207-1	1.94	1.99	2.03	1.99	2.30	ppb
Lead	208-1	1.94	2.00	1.98	1.97	1.45	ppb
Lithium	6-1				105		%
Magnesium	24-2	1017.48	992.85	986.47	998.94	1.64	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	PB110335BS	Instrumnet Name :	P8
Client Sample ID :	PB110335BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:48:19	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.24	2.02	2.27	2.18	6.13	ppb
Molybdenum	94-1	9.89	9.45	9.86	9.73	2.49	ppb
Molybdenum	95-1	9.56	9.94	9.58	9.70	2.15	ppb
Molybdenum	96-1	9.47	9.50	9.84	9.61	2.12	ppb
Molybdenum	97-1	9.25	9.93	9.87	9.68	3.93	ppb
Molybdenum	98-1	9.92	9.48	9.68	9.69	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.11	2.02	1.97	2.03	3.33	ppb
Phosphorus	31-2	-13.24	5.29	5.54	-0.80		ppb
Potassium	39-2	982.14	961.83	993.88	979.28	1.66	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	0.00	25.71	5.11	10.27	132.49	ppb
Selenium	78-2	6.49	8.85	8.80	8.05	16.77	ppb
Selenium	82-1	10.17	10.60	11.28	10.68	5.24	ppb
Silicon	28-1	18.83	18.41	22.00	19.75	9.92	ppb
Silver	109-1	2.06	1.94	2.00	2.00	3.13	ppb
Silver	107-1	2.00	2.01	2.08	2.03	2.21	ppb
Sodium	23-2	1045.65	1050.89	1054.42	1050.32	0.42	ppb
Strontium	86-1	2.02	2.14	2.12	2.09	3.15	ppb
Strontium	88-1	2.04	2.04	2.05	2.04	0.49	ppb
Sulfur	34-1	-1212.56	-1280.95	-582.96	-1025.49		ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	2.00	1.98	2.04	2.01	1.43	ppb
Thallium	205-1	2.03	1.96	2.00	2.00	1.69	ppb
Tin	118-1	10.44	10.19	10.48	10.37	1.51	ppb
Titanium	47-1	9.23	9.91	10.02	9.72	4.37	ppb
Uranium	238-1	1.87	1.90	1.90	1.89	0.99	ppb
Vanadium	51-2	9.92	9.50	9.69	9.70	2.19	ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	4.44	4.27	4.67	4.46	4.54	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	PB110335BS	Instrumnet Name :	P8
Client Sample ID :	PB110335BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:48:19	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.04	1.98	2.09	2.04	2.67	ppb
Zirconium	91-1	2.03	2.01	2.00	2.01	0.79	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	J3458-04	Instrumnet Name :	P8
Client Sample ID :	EPE-105-5(45-47)	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:52:51	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102164.45	104183.69	102307.51	102885.22	1.10	ppb
Antimony	121-1	0.20	0.18	0.20	0.19	4.37	ppb
Arsenic	75-2	18.51	18.29	18.08	18.29	1.17	ppb
Barium	135-1	509.16	509.99	552.72	523.96	4.76	ppb
Barium	137-1	516.47	521.00	556.65	531.37	4.14	ppb
Beryllium	9-1	6.86	6.87	6.99	6.91	1.02	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	56.82	60.15	64.99	60.66	6.77	ppb
Boron	11-1	60.63	61.88	65.67	62.73	4.18	ppb
Cadmium	111-1	1.48	1.55	1.48	1.50	2.96	ppb
Cadmium	106-1	13.94	14.40	14.33	14.22	1.73	ppb
Cadmium	108-1	5.28	5.67	6.31	5.75	9.06	ppb
Calcium	43-1	165494.80	165521.67	174165.53	168394.00	2.97	ppb
Calcium	44-1	164416.09	164701.96	173889.27	167669.11	3.21	ppb
Chromium	52-2	173.14	173.80	171.32	172.76	0.74	ppb
Cobalt	59-2	98.82	99.99	98.24	99.01	0.90	ppb
Copper	63-2	207.68	208.89	208.35	208.31	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	195193.66	197567.32	193878.74	195546.57	0.96	ppb
Iron	57-2	194519.13	197779.82	196073.54	196124.16	0.83	ppb
Krypton	83-1						cps
Lead	206-1	116.20	117.89	124.66	119.58	3.74	ppb
Lead	207-1	104.65	105.58	114.28	108.17	4.91	ppb
Lead	208-1	110.17	111.37	119.84	113.79	4.63	ppb
Lithium	6-1				102		%
Magnesium	24-2	94686.07	96973.04	95728.18	95795.76	1.20	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	J3458-04	Instrumnet Name :	P8
Client Sample ID :	EPE-105-5(45-47)	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:52:51	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5417.04	5468.33	5406.61	5430.66	0.61	ppb
Molybdenum	94-1	80.25	80.94	87.03	82.74	4.51	ppb
Molybdenum	95-1	1.50	1.53	1.58	1.54	2.53	ppb
Molybdenum	96-1	11.69	11.62	12.34	11.88	3.32	ppb
Molybdenum	97-1	1.41	1.38	1.42	1.40	1.67	ppb
Molybdenum	98-1	1.43	1.40	1.53	1.45	4.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	260.04	263.26	257.63	260.31	1.08	ppb
Phosphorus	31-2	5595.56	4464.76	4406.56	4822.29	13.90	ppb
Potassium	39-2	25686.56	26223.57	26002.63	25970.92	1.04	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				109		%
Scandium	45-2				112		%
Selenium	77-2	290.23	375.36	363.54	343.05	13.44	ppb
Selenium	78-2	49.26	41.77	43.82	44.95	8.61	ppb
Selenium	82-1	3.28	2.89	4.09	3.42	17.87	ppb
Silicon	28-1	15273.63	15312.00	16393.83	15659.82	4.06	ppb
Silver	109-1	0.31	0.31	0.31	0.31	0.14	ppb
Silver	107-1	0.38	0.34	0.39	0.37	7.00	ppb
Sodium	23-2	9873.31	9976.47	9719.07	9856.28	1.31	ppb
Strontium	86-1	342.22	344.57	364.47	350.42	3.49	ppb
Strontium	88-1	345.72	341.27	365.36	350.78	3.65	ppb
Sulfur	34-1	5194.43	5190.62	6530.04	5638.37	13.70	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	1.63	1.57	1.81	1.67	7.43	ppb
Thallium	205-1	1.67	1.67	1.81	1.71	4.76	ppb
Tin	118-1	1.23	1.23	1.37	1.28	6.37	ppb
Titanium	47-1	1823.76	1851.74	1974.22	1883.24	4.25	ppb
Uranium	238-1	6.76	6.87	7.30	6.98	4.10	ppb
Vanadium	51-2	200.47	201.27	200.75	200.83	0.20	ppb
Yttrium	89-1				132		%
Yttrium	89-2				137		%
Zinc	66-2	496.68	511.71	493.47	500.62	1.95	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	J3458-04	Instrumnet Name :	P8
Client Sample ID :	EPE-105-5(45-47)	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:52:51	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	52.80	53.56	57.21	54.52	4.33	ppb
Zirconium	91-1	52.09	53.22	56.77	54.03	4.52	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	J3458-04DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-105-5(45-47)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-06-19 15:56:07	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52256.53	52482.01	54660.85	53133.13	2.50	ppb
Antimony	121-1	0.10	0.11	0.08	0.10	14.23	ppb
Arsenic	75-2	9.79	10.71	10.23	10.24	4.50	ppb
Barium	135-1	254.28	258.73	258.06	257.02	0.93	ppb
Barium	137-1	258.26	255.22	259.40	257.62	0.84	ppb
Beryllium	9-1	3.44	3.66	3.50	3.54	3.24	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	33.90	32.94	33.34	33.39	1.45	ppb
Boron	11-1	34.14	33.84	32.68	33.55	2.31	ppb
Cadmium	111-1	0.68	0.59	0.64	0.63	7.28	ppb
Cadmium	106-1	6.16	5.29	5.56	5.67	7.86	ppb
Cadmium	108-1	3.16	3.21	3.11	3.16	1.65	ppb
Calcium	43-1	86573.28	86134.98	85962.64	86223.63	0.37	ppb
Calcium	44-1	85537.16	84885.29	84656.36	85026.27	0.54	ppb
Chromium	52-2	89.14	86.58	92.88	89.54	3.54	ppb
Cobalt	59-2	51.24	51.08	53.91	52.08	3.05	ppb
Copper	63-2	109.31	107.29	113.59	110.06	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				109		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	100789.29	99885.83	104964.71	101879.94	2.66	ppb
Iron	57-2	101769.04	101262.96	106983.60	103338.53	3.06	ppb
Krypton	83-1						cps
Lead	206-1	57.23	57.60	58.84	57.89	1.46	ppb
Lead	207-1	51.12	52.45	52.59	52.05	1.56	ppb
Lead	208-1	54.45	54.85	55.80	55.03	1.27	ppb
Lithium	6-1				107		%
Magnesium	24-2	49882.08	48788.60	51562.44	50077.70	2.79	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	J3458-04DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-105-5(45-47)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-06-19 15:56:07	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2807.61	2770.00	2934.51	2837.37	3.04	ppb
Molybdenum	94-1	46.43	45.83	47.09	46.45	1.36	ppb
Molybdenum	95-1	0.77	0.81	0.86	0.81	6.12	ppb
Molybdenum	96-1	6.55	6.79	6.67	6.67	1.79	ppb
Molybdenum	97-1	0.83	0.82	0.86	0.84	2.52	ppb
Molybdenum	98-1	0.80	0.86	0.82	0.82	3.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	136.23	133.09	141.65	136.99	3.16	ppb
Phosphorus	31-2	2475.94	2300.74	2897.63	2558.10	11.99	ppb
Potassium	39-2	13418.59	13247.51	13993.00	13553.03	2.88	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	77-2	231.80	236.21	186.20	218.07	12.70	ppb
Selenium	78-2	21.20	27.32	28.56	25.70	15.33	ppb
Selenium	82-1	1.63	1.68	0.72	1.34	39.94	ppb
Silicon	28-1	7951.88	7893.08	7998.67	7947.88	0.67	ppb
Silver	109-1	0.17	0.18	0.16	0.17	6.76	ppb
Silver	107-1	0.17	0.16	0.19	0.17	9.27	ppb
Sodium	23-2	5088.70	4999.64	5316.86	5135.07	3.19	ppb
Strontium	86-1	196.26	192.43	196.07	194.92	1.11	ppb
Strontium	88-1	197.53	193.11	198.92	196.52	1.54	ppb
Sulfur	34-1	1278.22	1360.11	1242.48	1293.60	4.66	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.78	0.78	0.78	0.78	0.34	ppb
Thallium	205-1	0.78	0.81	0.84	0.81	3.50	ppb
Tin	118-1	0.63	0.64	0.64	0.64	0.74	ppb
Titanium	47-1	938.61	934.12	934.83	935.85	0.26	ppb
Uranium	238-1	3.42	3.37	3.37	3.38	0.85	ppb
Vanadium	51-2	103.19	101.76	107.87	104.28	3.07	ppb
Yttrium	89-1				122		%
Yttrium	89-2				122		%
Zinc	66-2	261.63	259.11	273.77	264.84	2.96	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	J3458-04DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-105-5(45-47)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-06-19 15:56:07	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	30.42	30.16	30.79	30.45	1.04	ppb
Zirconium	91-1	30.04	29.48	30.47	30.00	1.65	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:59:25	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51231.95	50529.79	51305.73	51022.49	0.84	ppb
Antimony	121-1	500.32	497.33	510.88	502.84	1.42	ppb
Arsenic	75-2	500.22	490.20	495.79	495.40	1.01	ppb
Barium	135-1	2560.10	2573.40	2598.41	2577.30	0.75	ppb
Barium	137-1	2502.32	2543.16	2567.51	2537.66	1.30	ppb
Beryllium	9-1	509.40	503.39	513.16	508.65	0.97	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	502.72	499.06	517.25	506.35	1.90	ppb
Boron	11-1	508.29	515.29	527.65	517.08	1.90	ppb
Cadmium	111-1	485.37	488.64	502.92	492.31	1.90	ppb
Cadmium	106-1	480.37	493.59	503.96	492.64	2.40	ppb
Cadmium	108-1	495.53	494.02	500.05	496.53	0.63	ppb
Calcium	43-1	253050.81	250065.49	255448.02	252854.77	1.07	ppb
Calcium	44-1	251597.68	250442.32	258183.06	253407.69	1.65	ppb
Chromium	52-2	513.28	505.78	515.28	511.45	0.98	ppb
Cobalt	59-2	481.70	473.61	480.84	478.72	0.93	ppb
Copper	63-2	956.05	941.30	968.82	955.39	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	123431.91	122387.72	123659.80	123159.81	0.55	ppb
Iron	57-2	125640.45	122934.04	126034.37	124869.62	1.35	ppb
Krypton	83-1						cps
Lead	206-1	512.74	515.62	511.29	513.22	0.43	ppb
Lead	207-1	512.51	520.96	520.88	518.12	0.94	ppb
Lead	208-1	511.64	517.47	517.92	515.68	0.68	ppb
Lithium	6-1				105		%
Magnesium	24-2	251171.02	245643.53	251419.56	249411.37	1.31	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:59:25	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1005.44	997.67	1009.50	1004.21	0.60	ppb
Molybdenum	94-1	2525.87	2514.14	2514.63	2518.21	0.26	ppb
Molybdenum	95-1	2542.00	2563.44	2562.84	2556.09	0.48	ppb
Molybdenum	96-1	2529.48	2556.32	2527.07	2537.62	0.64	ppb
Molybdenum	97-1	2532.94	2578.41	2552.20	2554.52	0.89	ppb
Molybdenum	98-1	2539.06	2558.55	2553.27	2550.29	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.79	485.32	487.18	487.10	0.36	ppb
Phosphorus	31-2	10594.96	9885.81	10395.69	10292.16	3.55	ppb
Potassium	39-2	128042.74	127291.56	126306.38	127213.56	0.68	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				111		%
Selenium	77-2	535.03	494.68	478.29	502.66	5.81	ppb
Selenium	78-2	498.61	495.46	508.75	500.94	1.39	ppb
Selenium	82-1	495.96	498.24	505.39	499.86	0.98	ppb
Silicon	28-1	490.99	490.42	519.32	500.24	3.30	ppb
Silver	109-1	498.29	494.64	502.73	498.55	0.81	ppb
Silver	107-1	494.19	496.98	503.45	498.21	0.95	ppb
Sodium	23-2	251843.50	247765.34	251379.59	250329.48	0.89	ppb
Strontium	86-1	514.50	521.18	518.68	518.12	0.65	ppb
Strontium	88-1	509.50	520.30	519.52	516.44	1.17	ppb
Sulfur	34-1	11781.39	11657.68	12155.45	11864.84	2.18	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	512.48	525.27	512.02	516.59	1.46	ppb
Thallium	205-1	502.80	517.01	510.07	509.96	1.39	ppb
Tin	118-1	502.77	507.16	513.44	507.79	1.06	ppb
Titanium	47-1	2523.13	2516.55	2567.77	2535.82	1.10	ppb
Uranium	238-1	507.87	514.05	511.27	511.06	0.61	ppb
Vanadium	51-2	499.24	493.72	502.44	498.46	0.89	ppb
Yttrium	89-1				106		%
Yttrium	89-2				109		%
Zinc	66-2	976.45	951.29	969.35	965.70	1.34	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:59:25	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	508.39	508.35	505.41	507.38	0.34	ppb
Zirconium	91-1	508.02	509.25	512.35	509.87	0.44	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 16:05:03	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.86	-1.55	4.86	0.15	2734.84	ppb
Antimony	121-1	0.45	0.42	0.36	0.41	11.75	ppb
Arsenic	75-2	0.01	0.01	0.08	0.03	128.38	ppb
Barium	135-1	0.02	0.01	0.01	0.01	71.99	ppb
Barium	137-1	0.02	0.02	0.00	0.01	80.42	ppb
Beryllium	9-1	0.02	0.12	0.03	0.06	91.45	ppb
Bismuth	209-1				104		%
Bismuth	209-2				109		%
Boron	10-1	9.63	7.90	9.59	9.04	10.90	ppb
Boron	11-1	9.93	9.70	9.61	9.75	1.68	ppb
Cadmium	111-1	-0.05	0.00	0.00	-0.02		ppb
Cadmium	106-1	-0.75	0.01	-0.09	-0.27		ppb
Cadmium	108-1	0.07	0.04	0.01	0.04	79.38	ppb
Calcium	43-1	-4.47	2.61	-4.33	-2.06		ppb
Calcium	44-1	8.20	12.47	7.72	9.46	27.62	ppb
Chromium	52-2	-0.18	-0.17	-0.12	-0.16		ppb
Cobalt	59-2	-0.02	-0.03	-0.03	-0.03		ppb
Copper	63-2	-0.01	0.02	0.03	0.01	202.99	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				105		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	56-2	2.49	2.00	2.13	2.20	11.43	ppb
Iron	57-2	5.76	5.83	2.69	4.76	37.64	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.04	0.04	0.04	15.05	ppb
Lead	207-1	0.03	0.03	0.04	0.03	20.47	ppb
Lead	208-1	0.03	0.04	0.04	0.03	12.34	ppb
Lithium	6-1				104		%
Magnesium	24-2	-0.27	2.68	-0.02	0.80	206.00	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 16:05:03	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	-0.01	-0.01	0.00	4005.73	ppb
Molybdenum	94-1	0.44	0.43	0.32	0.40	16.34	ppb
Molybdenum	95-1	0.30	0.35	0.25	0.30	17.04	ppb
Molybdenum	96-1	0.37	0.37	0.33	0.36	7.08	ppb
Molybdenum	97-1	0.30	0.35	0.23	0.29	20.99	ppb
Molybdenum	98-1	0.31	0.32	0.27	0.30	9.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.01	0.03	-0.01		ppb
Phosphorus	31-2	5.42	62.04	-13.24	18.07	216.91	ppb
Potassium	39-2	11.17	24.30	0.16	11.88	101.81	ppb
Rhodium	103-1				104		%
Rhodium	103-2				108		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.22	-0.56	0.22	-0.04		ppb
Selenium	82-1	0.42	0.12	-0.39	0.05	851.30	ppb
Silicon	28-1	-12.16	-6.91	-14.92	-11.33		ppb
Silver	109-1	0.03	0.02	0.02	0.02	23.72	ppb
Silver	107-1	0.02	0.02	0.01	0.02	38.01	ppb
Sodium	23-2	62.13	76.83	69.95	69.64	10.56	ppb
Strontium	86-1	-0.02	-0.05	0.03	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	24136.86	ppb
Sulfur	34-1	-1226.27	-355.99	-1389.35	-990.54		ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	0.11	0.11	0.09	0.10	9.41	ppb
Thallium	205-1	0.10	0.11	0.10	0.10	4.79	ppb
Tin	118-1	0.20	0.29	0.23	0.24	19.96	ppb
Titanium	47-1	0.15	0.03	0.05	0.08	92.17	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.01	-0.02	-0.02	-0.01		ppb
Yttrium	89-1				104		%
Yttrium	89-2				108		%
Zinc	66-2	-0.20	-0.18	-0.13	-0.17		ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 16:05:03	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.10	0.12	0.09	0.10	13.59	ppb
Zirconium	91-1	0.08	0.15	0.10	0.11	29.95	ppb

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:20:00	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	25	0	25	100.00	cps
Antimony	121-1	58	117	83	86	33.98	cps
Arsenic	75-2	7	2	4	4	65.54	cps
Barium	135-1	17	42	33	31	41.66	cps
Barium	137-1	67	50	75	64	19.92	cps
Beryllium	9-1	56	39	28	41	34.32	cps
Bismuth	209-1	5958073	5814598	5911645	5894772	1.24	cps
Bismuth	209-2	1747860	1763619	1771453	1760977	0.68	cps
Boron	10-1	117	158	42	106	56.01	cps
Boron	11-1	375	400	433	403	7.27	cps
Cadmium	111-1	1137	1228	1372	1246	9.51	cps
Cadmium	106-1	1617	1759	1967	1781	9.89	cps
Cadmium	108-1	4	4	13	7	69.23	cps
Calcium	43-1	842	1125	917	961	15.28	cps
Calcium	44-1	21376	21501	22118	21665	1.84	cps
Chromium	52-2	773	767	720	753	3.86	cps
Cobalt	59-2	123	93	73	97	26.03	cps
Copper	63-2	303	297	260	287	8.14	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	25	8	22	57.29	cps
Erbium	164-2	0	7	0	2	173.21	cps
Gadolinium	160-1	100	50	92	81	33.25	cps
Gadolinium	160-2	10	3	7	7	50.03	cps
Holmium	165-1	9467576	9281611	9259826	9336338	1.22	cps
Holmium	165-2	2179725	2176065	2226487	2194092	1.28	cps
Indium	115-1	8054272	7983462	7969129	8002288	0.57	cps
Indium	115-2	343636	345766	352041	347148	1.26	cps
Iron	56-2	1311	1372	1422	1369	4.07	cps
Iron	57-2	28	83	28	46	69.28	cps
Krypton	83-1	377	313	357	349	9.28	cps
Lead	206-1	150	161	144	152	5.59	cps
Lead	207-1	122	128	222	157	35.70	cps
Lead	208-1	539	644	711	632	13.75	cps
Lithium	6-1	1835329	1787077	1805661	1809356	1.35	cps
Magnesium	24-2	167	150	150	156	6.18	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:20:00	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	33	23	30	19.25	cps
Molybdenum	94-1	425	367	367	386	8.72	cps
Molybdenum	95-1	75	150	83	103	40.00	cps
Molybdenum	96-1	233	217	250	233	7.14	cps
Molybdenum	97-1	125	175	125	142	20.38	cps
Molybdenum	98-1	175	217	242	211	15.95	cps
Neodymium	150-1	13	13	33	20	57.74	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	50	50	54	14.14	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2892	2725	2650	2756	4.49	cps
Rhodium	103-1	7751804	7689643	7631393	7690947	0.78	cps
Rhodium	103-2	2109010	2136566	2130664	2125413	0.68	cps
Scandium	45-1	5415159	5415073	5351153	5393795	0.68	cps
Scandium	45-2	40311	40675	40171	40386	0.64	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	-33	-2	-44	-27	-81.97	cps
Silicon	28-1	425643	417591	418278	420504	1.06	cps
Silver	109-1	33	75	58	56	37.75	cps
Silver	107-1	67	67	50	61	15.75	cps
Sodium	23-2	5710	5735	5727	5724	0.22	cps
Strontium	86-1	583	692	425	567	23.67	cps
Strontium	88-1	167	92	250	169	46.74	cps
Sulfur	34-1	449071	449218	447372	448554	0.23	cps
Terbium	159-1	9703380	9584565	9745032	9677659	0.86	cps
Terbium	159-2	2125220	2087410	2105789	2106140	0.90	cps
Thallium	203-1	75	83	108	89	19.52	cps
Thallium	205-1	250	225	167	214	19.99	cps
Tin	118-1	508	617	558	561	9.66	cps
Titanium	47-1	208	133	175	172	21.82	cps
Uranium	238-1	158	200	183	181	11.62	cps
Vanadium	51-2	20	20	17	19	10.18	cps
Yttrium	89-1	8674973	8555707	8576211	8602297	0.74	cps
Yttrium	89-2	259548	262382	262048	261326	0.59	cps
Zinc	66-2	67	80	63	70	12.60	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:20:00	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	842	917	867	875	4.36	cps
Zirconium	91-1	167	175	133	158	13.92	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:27:23	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	183	100	139	30.20	cps
Antimony	121-1	16035	14967	15760	15588	3.56	cps
Arsenic	75-2	104	115	89	102	12.70	cps
Barium	135-1	16277	16144	16085	16169	0.61	cps
Barium	137-1	27838	27671	28323	27944	1.21	cps
Beryllium	9-1	1495	1245	1522	1420	10.77	cps
Bismuth	209-1	5842097	5805737	5505795	5717876	3.23	cps
Bismuth	209-2	1805624	1759761	1759590	1774992	1.49	cps
Boron	10-1	3276	3701	3317	3431	6.83	cps
Boron	11-1	16869	16660	16218	16583	2.01	cps
Cadmium	111-1	3137	3094	3005	3078	2.18	cps
Cadmium	106-1	2134	2142	2075	2117	1.72	cps
Cadmium	108-1	171	133	104	136	24.55	cps
Calcium	43-1	10563	10596	10996	10718	2.25	cps
Calcium	44-1	186033	181525	184997	184185	1.28	cps
Chromium	52-2	2374	2627	2350	2450	6.26	cps
Cobalt	59-2	1813	1950	1974	1912	4.52	cps
Copper	63-2	3440	3504	3547	3497	1.53	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	67	17	44	57.28	cps
Erbium	164-2	27	13	3	14	81.07	cps
Gadolinium	160-1	67	75	33	58	37.80	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	9321585	9271399	8737900	9110295	3.55	cps
Holmium	165-2	2206480	2198808	2214739	2206675	0.36	cps
Indium	115-1	8052221	8039032	7435484	7842246	4.49	cps
Indium	115-2	351647	349051	348621	349773	0.47	cps
Iron	56-2	29543	29365	29248	29385	0.51	cps
Iron	57-2	644	778	778	733	10.50	cps
Krypton	83-1	360	377	387	374	3.60	cps
Lead	206-1	4807	4645	4734	4729	1.71	cps
Lead	207-1	4123	4229	3851	4067	4.79	cps
Lead	208-1	18889	18906	18556	18784	1.05	cps
Lithium	6-1	1764323	1762989	1676900	1734737	2.89	cps
Magnesium	24-2	15417	15409	14650	15159	2.91	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:27:23	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	327	260	230	272	18.18	cps
Molybdenum	94-1	13424	13682	13399	13502	1.16	cps
Molybdenum	95-1	16669	17095	17003	16922	1.32	cps
Molybdenum	96-1	19832	19006	18797	19212	2.85	cps
Molybdenum	97-1	10972	11080	10955	11002	0.62	cps
Molybdenum	98-1	27446	27938	27387	27590	1.10	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	520	647	650	606	12.24	cps
Phosphorus	31-2	25	0	0	8	173.21	cps
Potassium	39-2	10488	10705	10529	10574	1.09	cps
Rhodium	103-1	7784442	7616290	7248204	7549646	3.63	cps
Rhodium	103-2	2148978	2126225	2155274	2143492	0.71	cps
Scandium	45-1	5413175	5313273	5081669	5269372	3.23	cps
Scandium	45-2	40906	40803	40421	40710	0.63	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	9	7	13	10	28.61	cps
Selenium	82-1	563	505	550	540	5.71	cps
Silicon	28-1	482391	482195	481838	482141	0.06	cps
Silver	109-1	8428	8295	8511	8411	1.30	cps
Silver	107-1	9103	8637	9120	8953	3.07	cps
Sodium	23-2	41077	41528	40592	41066	1.14	cps
Strontium	86-1	2534	2709	2859	2700	6.03	cps
Strontium	88-1	20332	19573	19373	19760	2.56	cps
Sulfur	34-1	444166	446530	444134	444943	0.31	cps
Terbium	159-1	9657653	9632157	9007770	9432527	3.90	cps
Terbium	159-2	2113954	2118321	2139867	2124047	0.65	cps
Thallium	203-1	6143	6369	5868	6127	4.09	cps
Thallium	205-1	14259	13733	14300	14097	2.24	cps
Tin	118-1	28005	27830	26736	27524	2.50	cps
Titanium	47-1	4818	4926	5651	5132	8.83	cps
Uranium	238-1	16987	17338	17788	17371	2.31	cps
Vanadium	51-2	2834	3094	2820	2916	5.29	cps
Yttrium	89-1	8590895	8526885	8023240	8380340	3.71	cps
Yttrium	89-2	263244	261231	263848	262774	0.52	cps
Zinc	66-2	310	350	317	326	6.58	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:27:23	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11789	12056	11731	11858	1.46	cps
Zirconium	91-1	2409	2509	2275	2398	4.88	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:31:06	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6152	6318	6510	6327	2.84	cps
Antimony	121-1	408830	407741	404157	406909	0.60	cps
Arsenic	75-2	4823	4905	4655	4794	2.66	cps
Barium	135-1	414817	419245	409664	414575	1.16	cps
Barium	137-1	729929	730605	724978	728504	0.42	cps
Beryllium	9-1	67798	66091	66984	66957	1.28	cps
Bismuth	209-1	5646389	5846632	5907766	5800262	2.36	cps
Bismuth	209-2	1770118	1759346	1768597	1766021	0.33	cps
Boron	10-1	7102	7135	7385	7208	2.15	cps
Boron	11-1	32613	31143	33131	32296	3.19	cps
Cadmium	111-1	91835	91215	91583	91544	0.34	cps
Cadmium	106-1	11389	11439	11305	11378	0.59	cps
Cadmium	108-1	6381	6598	6231	6403	2.88	cps
Calcium	43-1	107048	104672	105729	105816	1.12	cps
Calcium	44-1	1792886	1766349	1769981	1776406	0.81	cps
Chromium	52-2	44330	44026	43374	43910	1.11	cps
Cobalt	59-2	91934	91592	91099	91542	0.46	cps
Copper	63-2	160720	161293	161240	161084	0.20	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	75	50	56	31.22	cps
Erbium	164-2	20	10	13	14	35.26	cps
Gadolinium	160-1	75	58	50	61	20.83	cps
Gadolinium	160-2	20	7	3	10	88.20	cps
Holmium	165-1	9134176	9455472	9400282	9329977	1.84	cps
Holmium	165-2	2211255	2204143	2234039	2216479	0.70	cps
Indium	115-1	7719934	8082756	7951980	7918224	2.32	cps
Indium	115-2	350136	348547	352480	350388	0.56	cps
Iron	56-2	1486495	1477528	1483178	1482400	0.31	cps
Iron	57-2	35941	36760	36788	36497	1.32	cps
Krypton	83-1	390	367	337	364	7.34	cps
Lead	206-1	238044	236659	240420	238374	0.80	cps
Lead	207-1	214813	214207	214221	214414	0.16	cps
Lead	208-1	969020	962853	968098	966657	0.34	cps
Lithium	6-1	1719422	1786472	1781716	1762537	2.12	cps
Magnesium	24-2	158828	157414	158785	158342	0.51	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:31:06	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23340	23270	22929	23179	0.95	cps
Molybdenum	94-1	724644	709209	717919	717257	1.08	cps
Molybdenum	95-1	882825	877767	885588	882060	0.45	cps
Molybdenum	96-1	982299	981184	979238	980907	0.16	cps
Molybdenum	97-1	549108	546162	549114	548128	0.31	cps
Molybdenum	98-1	1420084	1426909	1406459	1417817	0.73	cps
Neodymium	150-1	40	13	40	31	49.50	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	28419	27935	26769	27708	3.06	cps
Phosphorus	31-2	442	483	617	514	17.79	cps
Potassium	39-2	45082	43267	43568	43972	2.21	cps
Rhodium	103-1	7460023	7779581	7690965	7643523	2.16	cps
Rhodium	103-2	2151757	2126200	2121555	2133171	0.76	cps
Scandium	45-1	4968348	5389968	5405796	5254704	4.72	cps
Scandium	45-2	42060	40956	41247	41421	1.38	cps
Selenium	77-2	33	37	33	34	5.60	cps
Selenium	78-2	109	96	81	96	14.53	cps
Selenium	82-1	5736	5878	5906	5840	1.56	cps
Silicon	28-1	666929	668581	674726	670079	0.61	cps
Silver	109-1	429345	429774	422965	427361	0.89	cps
Silver	107-1	452254	449301	450195	450583	0.34	cps
Sodium	23-2	371315	373476	373454	372748	0.33	cps
Strontium	86-1	111707	112705	110882	111765	0.82	cps
Strontium	88-1	960589	955474	956491	957518	0.28	cps
Sulfur	34-1	483895	479427	486724	483349	0.76	cps
Terbium	159-1	9481727	9910996	9752676	9715133	2.23	cps
Terbium	159-2	2143932	2126918	2120555	2130468	0.57	cps
Thallium	203-1	295346	292694	291486	293175	0.67	cps
Thallium	205-1	711034	697823	706577	705145	0.95	cps
Tin	118-1	265590	264763	263733	264695	0.35	cps
Titanium	47-1	262021	259156	260097	260425	0.56	cps
Uranium	238-1	896284	876796	886445	886509	1.10	cps
Vanadium	51-2	32388	31045	31629	31687	2.13	cps
Yttrium	89-1	8223421	8772479	8663667	8553189	3.40	cps
Yttrium	89-2	265743	263937	268396	266025	0.84	cps
Zinc	66-2	14047	14131	13887	14022	0.88	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:31:06	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	604353	600622	596800	600592	0.63	cps
Zirconium	91-1	134880	132439	133080	133466	0.95	cps

LB Number : LB96124 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-19 14:34:47 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15835	15501	15943	15759	1.46	cps
Antimony	121-1	1026184	1032716	1035919	1031606	0.48	cps
Arsenic	75-2	12130	12016	11792	11979	1.43	cps
Barium	135-1	1054924	1061100	1059893	1058639	0.31	cps
Barium	137-1	1855628	1874716	1857012	1862452	0.57	cps
Beryllium	9-1	169593	168936	168638	169055	0.29	cps
Bismuth	209-1	5982215	5526242	5817822	5775427	4.00	cps
Bismuth	209-2	1762166	1723468	1774080	1753238	1.51	cps
Boron	10-1	17002	17061	17603	17222	1.92	cps
Boron	11-1	80133	80375	81390	80633	0.83	cps
Cadmium	111-1	227586	229238	225590	227471	0.80	cps
Cadmium	106-1	25091	25467	24907	25155	1.13	cps
Cadmium	108-1	16586	16289	15847	16241	2.29	cps
Calcium	43-1	267147	265254	260595	264332	1.28	cps
Calcium	44-1	4355208	4405147	4333755	4364703	0.84	cps
Chromium	52-2	107099	107112	109074	107762	1.05	cps
Cobalt	59-2	227947	227318	230257	228507	0.68	cps
Copper	63-2	401022	396453	398354	398610	0.58	cps
Dysprosium	156-1	25	50	50	42	34.64	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	8	17	50	25	88.19	cps
Erbium	164-2	10	13	7	10	33.30	cps
Gadolinium	160-1	33	108	67	69	54.12	cps
Gadolinium	160-2	7	7	17	10	57.72	cps
Holmium	165-1	9493796	8957811	9467694	9306434	3.25	cps
Holmium	165-2	2221270	2226274	2238074	2228540	0.39	cps
Indium	115-1	8107182	7560276	7954593	7874017	3.58	cps
Indium	115-2	353160	347175	348242	349526	0.91	cps
Iron	56-2	3633590	3601254	3640100	3624981	0.57	cps
Iron	57-2	91269	90447	91611	91109	0.66	cps
Krypton	83-1	333	367	400	367	9.09	cps
Lead	206-1	598707	598186	599170	598688	0.08	cps
Lead	207-1	542125	538465	540398	540330	0.34	cps
Lead	208-1	2445770	2430084	2436628	2437494	0.32	cps
Lithium	6-1	1786054	1672593	1795996	1751548	3.91	cps
Magnesium	24-2	395695	392090	398528	395438	0.82	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:34:47	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	58927	57331	58201	58153	1.37	cps
Molybdenum	94-1	1864291	1826657	1815430	1835459	1.39	cps
Molybdenum	95-1	2241073	2239653	2212553	2231093	0.72	cps
Molybdenum	96-1	2432483	2468489	2454524	2451832	0.74	cps
Molybdenum	97-1	1367047	1376808	1381107	1374987	0.52	cps
Molybdenum	98-1	3508021	3550943	3534496	3531154	0.61	cps
Neodymium	150-1	53	33	7	31	75.25	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	69047	69319	68317	68894	0.75	cps
Phosphorus	31-2	1033	1158	1033	1075	6.71	cps
Potassium	39-2	107939	105552	106778	106756	1.12	cps
Rhodium	103-1	7669131	7305637	7730050	7568273	3.03	cps
Rhodium	103-2	2124414	2116580	2145185	2128726	0.69	cps
Scandium	45-1	5442701	5098353	5340025	5293693	3.34	cps
Scandium	45-2	40782	41087	40789	40886	0.42	cps
Selenium	77-2	87	117	53	86	37.03	cps
Selenium	78-2	267	294	298	286	6.01	cps
Selenium	82-1	14637	14680	14546	14621	0.47	cps
Silicon	28-1	925100	942494	952479	940024	1.47	cps
Silver	109-1	1072317	1070239	1067317	1069957	0.23	cps
Silver	107-1	1116943	1137855	1125869	1126889	0.93	cps
Sodium	23-2	919031	913864	927957	920284	0.77	cps
Strontium	86-1	277551	278061	276388	277333	0.31	cps
Strontium	88-1	2413458	2409783	2404063	2409101	0.20	cps
Sulfur	34-1	535026	530661	529615	531767	0.54	cps
Terbium	159-1	9861472	9399615	9743576	9668221	2.48	cps
Terbium	159-2	2151204	2137061	2137235	2141833	0.38	cps
Thallium	203-1	741982	743673	738370	741342	0.37	cps
Thallium	205-1	1814911	1824110	1815556	1818192	0.28	cps
Tin	118-1	661915	667740	663878	664511	0.45	cps
Titanium	47-1	651779	649171	643072	648007	0.69	cps
Uranium	238-1	2311089	2312076	2258911	2294025	1.33	cps
Vanadium	51-2	78485	77128	78304	77972	0.94	cps
Yttrium	89-1	8720091	8151057	8618128	8496425	3.57	cps
Yttrium	89-2	263610	263573	264403	263862	0.18	cps
Zinc	66-2	34500	34142	34567	34403	0.66	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:34:47	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1517975	1533250	1525826	1525684	0.50	cps
Zirconium	91-1	333489	333951	337651	335030	0.68	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:38:22	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30517	31394	31411	31107	1.64	cps
Antimony	121-1	2075200	2112654	2089184	2092346	0.90	cps
Arsenic	75-2	24138	23982	23310	23810	1.85	cps
Barium	135-1	2158856	2108593	2118156	2128535	1.25	cps
Barium	137-1	3703281	3688570	3706549	3699466	0.26	cps
Beryllium	9-1	333008	331977	331827	332271	0.19	cps
Bismuth	209-1	6012962	6040972	5945147	5999694	0.82	cps
Bismuth	209-2	1756785	1788192	1728989	1757989	1.68	cps
Boron	10-1	34217	35069	35628	34971	2.03	cps
Boron	11-1	157987	161643	164566	161399	2.04	cps
Cadmium	111-1	449546	450046	454980	451524	0.67	cps
Cadmium	106-1	48454	48422	49433	48770	1.18	cps
Cadmium	108-1	32260	32239	33149	32549	1.60	cps
Calcium	43-1	529871	530969	526843	529228	0.40	cps
Calcium	44-1	8715520	8557447	8608902	8627290	0.93	cps
Chromium	52-2	213593	213232	213410	213412	0.08	cps
Cobalt	59-2	452128	457291	455268	454896	0.57	cps
Copper	63-2	796266	792599	793919	794261	0.23	cps
Dysprosium	156-1	33	0	50	28	91.65	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	58	50	44	39.04	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-1	42	92	125	86	48.71	cps
Gadolinium	160-2	7	3	10	7	50.03	cps
Holmium	165-1	9714175	9693798	9662790	9690254	0.27	cps
Holmium	165-2	2233920	2246855	2223581	2234785	0.52	cps
Indium	115-1	8220864	8047235	8110036	8126045	1.08	cps
Indium	115-2	346530	347519	345152	346400	0.34	cps
Iron	56-2	7219221	7174531	7200878	7198210	0.31	cps
Iron	57-2	179254	181939	179327	180173	0.85	cps
Krypton	83-1	420	377	367	388	7.31	cps
Lead	206-1	1200134	1218186	1203721	1207347	0.79	cps
Lead	207-1	1083437	1088795	1091522	1087918	0.38	cps
Lead	208-1	4983339	4984675	4995382	4987799	0.13	cps
Lithium	6-1	1787730	1801486	1813661	1800959	0.72	cps
Magnesium	24-2	779076	776141	780221	778479	0.27	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:38:22	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	115862	114663	114286	114937	0.72	cps
Molybdenum	94-1	3607778	3626728	3633344	3622616	0.37	cps
Molybdenum	95-1	4450815	4488216	4437838	4458956	0.59	cps
Molybdenum	96-1	4925037	4913224	4929465	4922576	0.17	cps
Molybdenum	97-1	2840665	2800297	2821898	2820954	0.72	cps
Molybdenum	98-1	6998226	7076184	7057976	7044129	0.58	cps
Neodymium	150-1	127	93	47	89	45.21	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	135861	135020	134765	135215	0.42	cps
Phosphorus	31-2	2350	2225	2067	2214	6.41	cps
Potassium	39-2	212405	208613	211024	210681	0.91	cps
Rhodium	103-1	7712405	7799470	7700129	7737335	0.70	cps
Rhodium	103-2	2115496	2110602	2109648	2111915	0.15	cps
Scandium	45-1	5575379	5513417	5446866	5511887	1.17	cps
Scandium	45-2	41371	41421	41668	41487	0.38	cps
Selenium	77-2	237	127	133	166	37.25	cps
Selenium	78-2	570	552	572	565	1.99	cps
Selenium	82-1	29152	29240	29457	29283	0.54	cps
Silicon	28-1	1465210	1516098	1490848	1490719	1.71	cps
Silver	109-1	2186976	2155700	2177180	2173285	0.74	cps
Silver	107-1	2288479	2260078	2293330	2280629	0.79	cps
Sodium	23-2	1885548	1878274	1867057	1876960	0.50	cps
Strontium	86-1	558034	557465	554746	556748	0.32	cps
Strontium	88-1	4814804	4792962	4779704	4795823	0.37	cps
Sulfur	34-1	611196	615434	606286	610972	0.75	cps
Terbium	159-1	10051462	10104840	9982379	10046227	0.61	cps
Terbium	159-2	2132696	2151242	2143885	2142608	0.44	cps
Thallium	203-1	1497356	1497252	1508360	1500989	0.43	cps
Thallium	205-1	3614220	3604221	3616329	3611590	0.18	cps
Tin	118-1	1330824	1331644	1343741	1335403	0.54	cps
Titanium	47-1	1319905	1313177	1296277	1309786	0.93	cps
Uranium	238-1	4603092	4683673	4584229	4623665	1.14	cps
Vanadium	51-2	155839	156014	156212	156022	0.12	cps
Yttrium	89-1	8822461	8820715	8723923	8789033	0.64	cps
Yttrium	89-2	263428	265254	262802	263828	0.48	cps
Zinc	66-2	69359	68224	67852	68478	1.15	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:38:22	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3057196	3064898	3014333	3045476	0.89	cps
Zirconium	91-1	672339	671193	661903	668478	0.86	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:41:52	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61693	61827	58973	60831	2.65	cps
Antimony	121-1	4173435	4188110	4211960	4191168	0.46	cps
Arsenic	75-2	47881	47769	46991	47547	1.02	cps
Barium	135-1	4274742	4245012	4240025	4253260	0.44	cps
Barium	137-1	7379883	7305699	7370195	7351926	0.55	cps
Beryllium	9-1	664411	666491	663141	664681	0.25	cps
Bismuth	209-1	5924456	5978527	5993674	5965552	0.61	cps
Bismuth	209-2	1735745	1761627	1705512	1734294	1.62	cps
Boron	10-1	69612	69277	70113	69667	0.60	cps
Boron	11-1	317137	325175	331019	324443	2.15	cps
Cadmium	111-1	907816	915467	913314	912199	0.43	cps
Cadmium	106-1	95302	97191	98381	96958	1.60	cps
Cadmium	108-1	64839	65675	64801	65105	0.76	cps
Calcium	43-1	1062046	1051755	1058528	1057443	0.49	cps
Calcium	44-1	17303292	17213342	17317514	17278049	0.33	cps
Chromium	52-2	424218	427088	419291	423532	0.93	cps
Cobalt	59-2	900472	901635	893978	898695	0.46	cps
Copper	63-2	1604528	1574585	1560386	1579833	1.43	cps
Dysprosium	156-1	50	75	67	64	19.92	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	50	58	53	9.12	cps
Erbium	164-2	10	13	3	9	57.30	cps
Gadolinium	160-1	67	92	42	67	37.50	cps
Gadolinium	160-2	20	10	0	10	100.00	cps
Holmium	165-1	9810273	9770237	9809749	9796753	0.23	cps
Holmium	165-2	2203260	2245331	2212658	2220416	0.99	cps
Indium	115-1	8057785	8150598	8052650	8087011	0.68	cps
Indium	115-2	340226	340846	339240	340104	0.24	cps
Iron	56-2	14170341	14259740	14078579	14169553	0.64	cps
Iron	57-2	358497	355977	354338	356271	0.59	cps
Krypton	83-1	393	420	363	392	7.23	cps
Lead	206-1	2485810	2494191	2484263	2488088	0.21	cps
Lead	207-1	2229391	2261723	2242363	2244492	0.72	cps
Lead	208-1	10080678	10071971	10070889	10074513	0.05	cps
Lithium	6-1	1801815	1805249	1790810	1799292	0.42	cps
Magnesium	24-2	1571132	1572383	1555142	1566219	0.61	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:41:52	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	226987	228126	224125	226413	0.91	cps
Molybdenum	94-1	7273139	7225537	7208072	7235582	0.47	cps
Molybdenum	95-1	8794707	8831914	8794075	8806899	0.25	cps
Molybdenum	96-1	9727254	9918468	9839390	9828371	0.98	cps
Molybdenum	97-1	5589387	5587524	5562501	5579804	0.27	cps
Molybdenum	98-1	14123427	14142388	14227343	14164386	0.39	cps
Neodymium	150-1	153	133	200	162	21.09	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	266348	266221	264825	265798	0.32	cps
Phosphorus	31-2	4051	4217	4226	4165	2.37	cps
Potassium	39-2	411448	412205	405979	409877	0.83	cps
Rhodium	103-1	7668076	7668656	7751563	7696098	0.62	cps
Rhodium	103-2	2090910	2078925	2099796	2089877	0.50	cps
Scandium	45-1	5528260	5503247	5449292	5493600	0.73	cps
Scandium	45-2	40813	41354	41468	41212	0.85	cps
Selenium	77-2	297	273	290	287	4.19	cps
Selenium	78-2	1120	1095	1039	1085	3.84	cps
Selenium	82-1	58172	58560	58897	58543	0.62	cps
Silicon	28-1	2500112	2530863	2559876	2530284	1.18	cps
Silver	109-1	4260023	4349278	4293836	4301046	1.05	cps
Silver	107-1	4509356	4532109	4594039	4545168	0.96	cps
Sodium	23-2	3663769	3662111	3636037	3653973	0.43	cps
Strontium	86-1	1111570	1125589	1121042	1119400	0.64	cps
Strontium	88-1	9443223	9637155	9514470	9531616	1.03	cps
Sulfur	34-1	780948	775888	769444	775427	0.74	cps
Terbium	159-1	10129494	9994468	10087915	10070626	0.69	cps
Terbium	159-2	2132033	2157109	2155982	2148374	0.66	cps
Thallium	203-1	3107627	3077767	3088642	3091345	0.49	cps
Thallium	205-1	7216914	7092122	7216412	7175149	1.00	cps
Tin	118-1	2692320	2688015	2695015	2691783	0.13	cps
Titanium	47-1	2641692	2639667	2636413	2639257	0.10	cps
Uranium	238-1	9042130	9253457	9194838	9163475	1.19	cps
Vanadium	51-2	309309	312795	307935	310013	0.81	cps
Yttrium	89-1	8830358	8761545	8856261	8816055	0.56	cps
Yttrium	89-2	260757	261646	261838	261414	0.22	cps
Zinc	66-2	133854	133874	134010	133913	0.06	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:41:52	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5929706	6035247	6054681	6006545	1.12	cps
Zirconium	91-1	1340440	1345519	1352421	1346127	0.45	cps

LB Number : LB96124 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-19 14:45:18 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	121172	118879	121886	120646	1.30	cps
Antimony	121-1	8389398	8379085	8361555	8376679	0.17	cps
Arsenic	75-2	94372	93557	93213	93714	0.63	cps
Barium	135-1	8635517	8556700	8536260	8576159	0.61	cps
Barium	137-1	15029326	14833938	14949679	14937648	0.66	cps
Beryllium	9-1	1332580	1329977	1323792	1328783	0.34	cps
Bismuth	209-1	6169666	6130951	6059007	6119875	0.92	cps
Bismuth	209-2	1728712	1694545	1707228	1710161	1.01	cps
Boron	10-1	139236	142965	144461	142221	1.89	cps
Boron	11-1	640669	663233	662617	655506	1.96	cps
Cadmium	111-1	1835603	1825234	1808627	1823154	0.75	cps
Cadmium	106-1	191829	193248	192150	192409	0.39	cps
Cadmium	108-1	129619	129561	129596	129592	0.02	cps
Calcium	43-1	2122233	2127696	2103135	2117688	0.61	cps
Calcium	44-1	34424273	34751601	34146858	34440910	0.88	cps
Chromium	52-2	844969	832205	840706	839293	0.77	cps
Cobalt	59-2	1793982	1800938	1766166	1787029	1.03	cps
Copper	63-2	3099879	3108937	3072114	3093643	0.62	cps
Dysprosium	156-1	217	250	200	222	11.46	cps
Dysprosium	156-2	37	37	33	36	5.42	cps
Erbium	164-1	108	92	108	103	9.36	cps
Erbium	164-2	27	20	23	23	14.29	cps
Gadolinium	160-1	158	258	258	225	25.66	cps
Gadolinium	160-2	40	57	60	52	20.52	cps
Holmium	165-1	10083499	10013775	10027829	10041701	0.37	cps
Holmium	165-2	2231899	2213698	2211347	2218981	0.51	cps
Indium	115-1	8132868	8072484	8090858	8098737	0.38	cps
Indium	115-2	330242	325975	326360	327526	0.72	cps
Iron	56-2	28172424	28087142	27620907	27960158	1.06	cps
Iron	57-2	703445	705190	701548	703394	0.26	cps
Krypton	83-1	307	353	317	326	7.55	cps
Lead	206-1	5008956	5041687	4997117	5015920	0.46	cps
Lead	207-1	4606503	4611536	4529465	4582501	1.00	cps
Lead	208-1	20451887	20601184	20428582	20493885	0.46	cps
Lithium	6-1	1812813	1825393	1840243	1826150	0.75	cps
Magnesium	24-2	3129731	3039404	3064419	3077851	1.52	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:45:18	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	451445	447200	447391	448679	0.53	cps
Molybdenum	94-1	14747132	14706299	14630711	14694714	0.40	cps
Molybdenum	95-1	17823189	17758455	17874919	17818854	0.33	cps
Molybdenum	96-1	19809124	19758082	19932159	19833121	0.45	cps
Molybdenum	97-1	11213111	11164036	11235860	11204335	0.33	cps
Molybdenum	98-1	28447414	28536704	28512332	28498817	0.16	cps
Neodymium	150-1	567	527	413	502	15.84	cps
Neodymium	150-2	43	33	33	37	15.75	cps
Nickel	60-2	519777	518849	523887	520838	0.51	cps
Phosphorus	31-2	8586	8478	8336	8467	1.48	cps
Potassium	39-2	810188	797643	806821	804884	0.81	cps
Rhodium	103-1	7680322	7651321	7581363	7637669	0.67	cps
Rhodium	103-2	2054225	2046234	2043171	2047877	0.28	cps
Scandium	45-1	5499421	5504510	5421013	5474981	0.85	cps
Scandium	45-2	41418	40913	40742	41024	0.86	cps
Selenium	77-2	647	573	560	593	7.86	cps
Selenium	78-2	2284	2093	2093	2156	5.11	cps
Selenium	82-1	116142	116715	115120	115993	0.70	cps
Silicon	28-1	4227926	4327248	4275445	4276873	1.16	cps
Silver	109-1	8534508	8435810	8472301	8480873	0.59	cps
Silver	107-1	8894194	8943800	8952791	8930262	0.35	cps
Sodium	23-2	7169235	7093450	7159573	7140753	0.58	cps
Strontium	86-1	2256228	2279150	2227713	2254364	1.14	cps
Strontium	88-1	19145560	19528702	19355021	19343094	0.99	cps
Sulfur	34-1	914530	915922	920141	916865	0.32	cps
Terbium	159-1	10400497	10360353	10336367	10365739	0.31	cps
Terbium	159-2	2133796	2133158	2145971	2137642	0.34	cps
Thallium	203-1	6181647	6241594	6218817	6214020	0.49	cps
Thallium	205-1	14757539	14788138	14757733	14767804	0.12	cps
Tin	118-1	5404556	5389083	5407241	5400293	0.18	cps
Titanium	47-1	5202836	5196745	5200995	5200192	0.06	cps
Uranium	238-1	19137938	19169596	19115897	19141144	0.14	cps
Vanadium	51-2	616638	615288	618149	616691	0.23	cps
Yttrium	89-1	8908727	8954839	8779600	8881055	1.02	cps
Yttrium	89-2	256957	256803	255778	256513	0.25	cps
Zinc	66-2	262033	261881	261587	261834	0.09	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:45:18	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12254666	12312323	12156456	12241148	0.64	cps
Zirconium	91-1	2733783	2759317	2725351	2739484	0.65	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:48:38	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	635059	630395	628581	631345	0.53	cps
Antimony	121-1	22920	20909	19557	21129	8.01	cps
Arsenic	75-2	76	52	48	59	25.72	cps
Barium	135-1	3784	4301	3467	3851	10.93	cps
Barium	137-1	6293	6160	6193	6216	1.12	cps
Beryllium	9-1	433	411	417	420	2.75	cps
Bismuth	209-1	5733851	5540532	5534002	5602795	2.03	cps
Bismuth	209-2	1629140	1617785	1627590	1624838	0.38	cps
Boron	10-1	7269	6410	6085	6588	9.28	cps
Boron	11-1	34501	30617	28220	31113	10.19	cps
Cadmium	111-1	1842	1874	1905	1873	1.68	cps
Cadmium	106-1	1875	2150	2092	2039	7.11	cps
Cadmium	108-1	42	75	79	65	31.48	cps
Calcium	43-1	10761871	10793245	10801657	10785591	0.19	cps
Calcium	44-1	176466516	177383479	176821708	176890568	0.26	cps
Chromium	52-2	39559	40017	39884	39820	0.59	cps
Cobalt	59-2	3234	3157	3174	3188	1.27	cps
Copper	63-2	7245	7289	7292	7275	0.36	cps
Dysprosium	156-1	83	150	167	133	33.07	cps
Dysprosium	156-2	20	20	23	21	9.11	cps
Erbium	164-1	42	67	75	61	28.38	cps
Erbium	164-2	17	7	3	9	78.08	cps
Gadolinium	160-1	117	92	50	86	39.11	cps
Gadolinium	160-2	7	33	17	19	71.30	cps
Holmium	165-1	9691693	9723628	9551952	9655758	0.95	cps
Holmium	165-2	2271184	2246323	2283751	2267086	0.84	cps
Indium	115-1	7884462	7685477	7873489	7814476	1.43	cps
Indium	115-2	347257	344803	347797	346619	0.46	cps
Iron	56-2	139684453	140145623	140891328	140240468	0.43	cps
Iron	57-2	3536621	3537897	3565491	3546669	0.46	cps
Krypton	83-1	350	400	323	358	10.88	cps
Lead	206-1	30944	31011	30287	30747	1.30	cps
Lead	207-1	26829	25838	25665	26111	2.41	cps
Lead	208-1	123454	122150	120913	122172	1.04	cps
Lithium	6-1	1867558	1843525	1847408	1852831	0.70	cps
Magnesium	24-2	15554181	15366665	15291262	15404036	0.88	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:48:38	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2360	2480	2407	2416	2.50	cps
Molybdenum	94-1	21843	22010	21276	21710	1.77	cps
Molybdenum	95-1	34228	34520	34202	34317	0.51	cps
Molybdenum	96-1	39567	38915	38706	39063	1.15	cps
Molybdenum	97-1	21777	22119	21201	21699	2.14	cps
Molybdenum	98-1	57038	53532	54619	55063	3.26	cps
Neodymium	150-1	93	73	93	87	13.32	cps
Neodymium	150-2	7	30	20	19	61.96	cps
Nickel	60-2	15549	15495	15592	15546	0.31	cps
Phosphorus	31-2	8	8	25	14	69.31	cps
Potassium	39-2	4222059	4180179	4181796	4194678	0.57	cps
Rhodium	103-1	7255558	7184307	7258847	7232904	0.58	cps
Rhodium	103-2	2014565	2022497	1996532	2011198	0.66	cps
Scandium	45-1	5397390	5395286	5552791	5448489	1.66	cps
Scandium	45-2	42494	41602	42882	42326	1.55	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	4	2	4	65.54	cps
Selenium	82-1	94	59	95	83	24.76	cps
Silicon	28-1	731027	743091	748004	740707	1.18	cps
Silver	109-1	1158	1408	1200	1256	10.67	cps
Silver	107-1	1383	1358	1333	1358	1.84	cps
Sodium	23-2	35527463	35408572	35720752	35552262	0.44	cps
Strontium	86-1	81016	81033	82381	81477	0.96	cps
Strontium	88-1	696432	700373	700158	698987	0.32	cps
Sulfur	34-1	430484	428932	434239	431218	0.63	cps
Terbium	159-1	10113659	9920365	9982821	10005615	0.99	cps
Terbium	159-2	2161357	2171891	2198424	2177224	0.88	cps
Thallium	203-1	4143	4068	3551	3920	8.22	cps
Thallium	205-1	9921	9254	8870	9348	5.69	cps
Tin	118-1	19089	19556	18555	19067	2.63	cps
Titanium	47-1	3534	3317	3476	3442	3.26	cps
Uranium	238-1	3567	2967	2934	3156	11.30	cps
Vanadium	51-2	407	333	393	378	10.34	cps
Yttrium	89-1	8776505	8617740	8814991	8736412	1.20	cps
Yttrium	89-2	272805	274200	274300	273768	0.31	cps
Zinc	66-2	1557	1630	1693	1627	4.20	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 14:48:38	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6268	5877	5210	5785	9.25	cps
Zirconium	91-1	1408	1308	1317	1345	4.13	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:13:54	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3392	3401	3301	3364	1.65	cps
Antimony	121-1	1596704	1622297	1626373	1615125	1.00	cps
Arsenic	75-2	19512	18933	18742	19063	2.10	cps
Barium	135-1	161855	164022	164442	163439	0.85	cps
Barium	137-1	289485	286115	287474	287691	0.59	cps
Beryllium	9-1	132672	128760	129707	130380	1.57	cps
Bismuth	209-1	6023006	5946041	5975221	5981423	0.65	cps
Bismuth	209-2	1823299	1766803	1818287	1802796	1.73	cps
Boron	10-1	1267	1300	1300	1289	1.49	cps
Boron	11-1	5943	5935	5743	5874	1.93	cps
Cadmium	111-1	177808	179008	176607	177808	0.67	cps
Cadmium	106-1	17571	17829	17929	17776	1.04	cps
Cadmium	108-1	11709	11080	11263	11351	2.85	cps
Calcium	43-1	42140	43285	42081	42502	1.60	cps
Calcium	44-1	706431	693352	697636	699140	0.95	cps
Chromium	52-2	84862	82562	83577	83667	1.38	cps
Cobalt	59-2	181168	181677	179751	180865	0.55	cps
Copper	63-2	159958	158124	155928	158003	1.28	cps
Dysprosium	156-1	42	17	42	33	43.30	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	67	83	58	69	18.33	cps
Erbium	164-2	17	10	13	13	25.01	cps
Gadolinium	160-1	58	67	50	58	14.29	cps
Gadolinium	160-2	13	7	10	10	33.30	cps
Holmium	165-1	9567150	9620585	9607818	9598517	0.29	cps
Holmium	165-2	2295465	2240366	2276384	2270738	1.23	cps
Indium	115-1	8125964	8289206	8186406	8200526	1.01	cps
Indium	115-2	359467	351060	359604	356710	1.37	cps
Iron	56-2	573789	564481	565576	567949	0.90	cps
Iron	57-2	14614	13824	14208	14215	2.78	cps
Krypton	83-1	397	333	333	354	10.32	cps
Lead	206-1	953793	936220	948845	946286	0.96	cps
Lead	207-1	819547	818388	821806	819914	0.21	cps
Lead	208-1	3887402	3836965	3810392	3844920	1.02	cps
Lithium	6-1	1839433	1814749	1796117	1816766	1.20	cps
Magnesium	24-2	37759	36573	36999	37110	1.62	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:13:54	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23443	23363	22438	23082	2.42	cps
Molybdenum	94-1	1408	1175	1167	1250	10.98	cps
Molybdenum	95-1	425	508	508	481	10.01	cps
Molybdenum	96-1	792	683	867	781	11.81	cps
Molybdenum	97-1	275	317	358	317	13.16	cps
Molybdenum	98-1	675	633	708	672	5.59	cps
Neodymium	150-1	20	13	20	18	21.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	54165	53566	53606	53779	0.62	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	35395	35129	34945	35156	0.64	cps
Rhodium	103-1	7898026	8010378	7974220	7960875	0.72	cps
Rhodium	103-2	2205924	2130287	2199373	2178528	1.92	cps
Scandium	45-1	5516759	5521856	5560908	5533174	0.44	cps
Scandium	45-2	43273	40980	42080	42111	2.72	cps
Selenium	77-2	153	107	110	123	21.11	cps
Selenium	78-2	506	424	426	452	10.29	cps
Selenium	82-1	22867	23456	23509	23278	1.53	cps
Silicon	28-1	406644	400553	397933	401710	1.11	cps
Silver	109-1	842249	831200	831208	834886	0.76	cps
Silver	107-1	882326	883357	875149	880277	0.51	cps
Sodium	23-2	154353	152820	154371	153848	0.58	cps
Strontium	86-1	5435	5193	5568	5399	3.52	cps
Strontium	88-1	44875	44833	44566	44758	0.37	cps
Sulfur	34-1	438477	432029	433072	434526	0.80	cps
Terbium	159-1	9902674	9984710	10023117	9970167	0.62	cps
Terbium	159-2	2186446	2118509	2172635	2159197	1.66	cps
Thallium	203-1	1179194	1186381	1176746	1180773	0.42	cps
Thallium	205-1	2913304	2872740	2885190	2890411	0.72	cps
Tin	118-1	1650	1725	1817	1731	4.82	cps
Titanium	47-1	267	317	258	281	11.25	cps
Uranium	238-1	175	133	142	150	14.70	cps
Vanadium	51-2	62325	60741	61267	61444	1.31	cps
Yttrium	89-1	8826119	8875528	8899792	8867146	0.42	cps
Yttrium	89-2	272757	265130	272346	270078	1.59	cps
Zinc	66-2	27163	26776	27621	27187	1.56	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:13:54	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2976	2767	2867	2870	3.63	cps
Zirconium	91-1	700	842	758	767	9.29	cps

LB Number : LB96124 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-19 15:17:44 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	58	42	44	28.65	cps
Antimony	121-1	4043	3726	3659	3809	5.38	cps
Arsenic	75-2	13	4	11	9	52.94	cps
Barium	135-1	25	50	25	33	43.30	cps
Barium	137-1	25	58	75	53	48.24	cps
Beryllium	9-1	83	106	106	98	13.07	cps
Bismuth	209-1	6008543	5973749	5627797	5870030	3.59	cps
Bismuth	209-2	1821340	1850603	1825487	1832476	0.86	cps
Boron	10-1	1133	975	1000	1036	8.22	cps
Boron	11-1	4659	4809	4943	4804	2.95	cps
Cadmium	111-1	1217	1366	1087	1223	11.42	cps
Cadmium	106-1	1717	1950	1517	1728	12.55	cps
Cadmium	108-1	8	17	0	8	100.02	cps
Calcium	43-1	817	867	767	817	6.12	cps
Calcium	44-1	22711	23346	23913	23323	2.58	cps
Chromium	52-2	850	653	707	737	13.81	cps
Cobalt	59-2	77	77	63	72	10.66	cps
Copper	63-2	363	320	347	343	6.37	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	33	58	17	36	58.08	cps
Erbium	164-2	0	20	0	7	173.21	cps
Gadolinium	160-1	58	92	50	67	33.07	cps
Gadolinium	160-2	10	7	3	7	50.03	cps
Holmium	165-1	9670051	9658112	8891925	9406696	4.74	cps
Holmium	165-2	2296025	2280343	2273579	2283316	0.50	cps
Indium	115-1	8300203	8166915	7690454	8052524	3.98	cps
Indium	115-2	364183	362730	360515	362476	0.51	cps
Iron	56-2	1806	1683	1528	1672	8.33	cps
Iron	57-2	67	39	44	50	29.40	cps
Krypton	83-1	413	373	403	397	5.25	cps
Lead	206-1	300	300	317	306	3.15	cps
Lead	207-1	267	306	361	311	15.26	cps
Lead	208-1	1261	1245	1239	1248	0.93	cps
Lithium	6-1	1805059	1830294	1758910	1798088	2.01	cps
Magnesium	24-2	217	217	267	233	12.37	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:17:44	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	20	37	30	29.40	cps
Molybdenum	94-1	575	650	533	586	10.09	cps
Molybdenum	95-1	333	333	258	308	14.04	cps
Molybdenum	96-1	475	450	417	447	6.54	cps
Molybdenum	97-1	208	333	258	267	23.59	cps
Molybdenum	98-1	450	500	483	478	5.33	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	67	67	57	30.56	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	2925	2600	2884	2803	6.31	cps
Rhodium	103-1	7927275	7858403	7441106	7742261	3.40	cps
Rhodium	103-2	2228167	2233102	2162071	2207780	1.80	cps
Scandium	45-1	5483890	5490354	5223489	5399245	2.82	cps
Scandium	45-2	42745	42869	42514	42709	0.42	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-100	2	-35	-44	-115.86	cps
Silicon	28-1	394024	393256	389495	392259	0.62	cps
Silver	109-1	117	133	125	125	6.67	cps
Silver	107-1	133	83	192	136	39.84	cps
Sodium	23-2	9545	9062	9328	9312	2.60	cps
Strontium	86-1	475	533	417	475	12.28	cps
Strontium	88-1	142	117	183	147	22.88	cps
Sulfur	34-1	438595	437168	439234	438333	0.24	cps
Terbium	159-1	10080369	9981655	9324681	9795569	4.19	cps
Terbium	159-2	2205181	2200263	2165064	2190169	1.00	cps
Thallium	203-1	600	617	533	583	7.56	cps
Thallium	205-1	1392	1358	1325	1358	2.45	cps
Tin	118-1	1534	1350	1283	1389	9.32	cps
Titanium	47-1	133	242	167	181	30.73	cps
Uranium	238-1	100	117	150	122	20.83	cps
Vanadium	51-2	3	23	10	12	83.33	cps
Yttrium	89-1	8889111	8662114	8265273	8605499	3.67	cps
Yttrium	89-2	273046	273144	270920	272370	0.46	cps
Zinc	66-2	47	47	37	43	13.32	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:17:44	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1350	1142	1183	1225	9.00	cps
Zirconium	91-1	200	325	208	244	28.59	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:21:04	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	566832	555506	560328	560889	1.01	cps
Antimony	121-1	10705	9962	10480	10382	3.67	cps
Arsenic	75-2	39	37	24	33	24.23	cps
Barium	135-1	2267	2409	2425	2367	3.68	cps
Barium	137-1	4909	4209	4218	4445	9.04	cps
Beryllium	9-1	389	411	500	433	13.57	cps
Bismuth	209-1	5435417	5734408	5900146	5689990	4.14	cps
Bismuth	209-2	1740620	1736595	1695180	1724132	1.46	cps
Boron	10-1	1075	1083	1383	1181	14.88	cps
Boron	11-1	5901	5626	6243	5924	5.22	cps
Cadmium	111-1	1743	1805	1699	1749	3.03	cps
Cadmium	106-1	1700	1867	1850	1806	5.08	cps
Cadmium	108-1	1192	1063	1083	1113	6.23	cps
Calcium	43-1	2007148	2024796	2002859	2011601	0.58	cps
Calcium	44-1	33023415	32945684	32858376	32942492	0.25	cps
Chromium	52-2	16810	17288	16670	16923	1.91	cps
Cobalt	59-2	1894	2127	2030	2017	5.81	cps
Copper	63-2	12512	11842	12042	12132	2.84	cps
Dysprosium	156-1	42	25	33	33	25.01	cps
Dysprosium	156-2	7	10	13	10	33.30	cps
Erbium	164-1	42	25	67	44	47.19	cps
Erbium	164-2	20	7	3	10	88.20	cps
Gadolinium	160-1	75	142	108	108	30.77	cps
Gadolinium	160-2	13	13	7	11	34.61	cps
Holmium	165-1	9133805	9441931	9716225	9430654	3.09	cps
Holmium	165-2	2276479	2282702	2247569	2268917	0.83	cps
Indium	115-1	7587580	7888715	8205690	7893995	3.92	cps
Indium	115-2	349553	348251	347289	348365	0.33	cps
Iron	56-2	54442158	54472922	53765396	54226825	0.74	cps
Iron	57-2	1364996	1369111	1381095	1371734	0.61	cps
Krypton	83-1	397	337	357	363	8.41	cps
Lead	206-1	22276	22192	22348	22272	0.35	cps
Lead	207-1	17674	17179	17746	17533	1.76	cps
Lead	208-1	83653	83821	84801	84092	0.74	cps
Lithium	6-1	1702229	1761521	1807096	1756949	2.99	cps
Magnesium	24-2	2979347	2984837	2958161	2974115	0.47	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:21:04	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1823	1690	1757	1757	3.80	cps
Molybdenum	94-1	3904472	3835654	3913364	3884497	1.09	cps
Molybdenum	95-1	6831036	6764648	6786514	6794066	0.50	cps
Molybdenum	96-1	7307393	7267553	7264779	7279908	0.33	cps
Molybdenum	97-1	4347898	4261268	4353585	4320917	1.20	cps
Molybdenum	98-1	10826925	10901831	10916516	10881757	0.44	cps
Neodymium	150-1	60	33	33	42	36.47	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	2840	2850	2957	2883	2.24	cps
Phosphorus	31-2	41404	41779	41654	41612	0.46	cps
Potassium	39-2	1628995	1624229	1599006	1617410	1.00	cps
Rhodium	103-1	7144467	7534449	7734818	7471245	4.02	cps
Rhodium	103-2	2105458	2121243	2091759	2106153	0.70	cps
Scandium	45-1	5247774	5494731	5533901	5425468	2.86	cps
Scandium	45-2	41672	41842	42033	41849	0.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-79	9	19	-17	-313.29	cps
Silicon	28-1	533703	531153	536412	533756	0.49	cps
Silver	109-1	400	367	617	461	29.44	cps
Silver	107-1	417	358	533	436	20.43	cps
Sodium	23-2	6992292	7061539	6924909	6992913	0.98	cps
Strontium	86-1	75384	78157	77822	77121	1.96	cps
Strontium	88-1	659910	655486	660244	658547	0.40	cps
Sulfur	34-1	2714106	2745469	2715752	2725109	0.65	cps
Terbium	159-1	9465298	9974693	10033155	9824382	3.18	cps
Terbium	159-2	2177100	2204521	2190211	2190611	0.63	cps
Thallium	203-1	1008	1083	1117	1070	5.19	cps
Thallium	205-1	2092	2600	2534	2409	11.47	cps
Tin	118-1	1967	1842	2075	1961	5.95	cps
Titanium	47-1	2078085	2073007	2069601	2073564	0.21	cps
Uranium	238-1	400	367	433	400	8.33	cps
Vanadium	51-2	83	100	130	104	22.64	cps
Yttrium	89-1	8338297	8645350	8945389	8643012	3.51	cps
Yttrium	89-2	270102	268739	269311	269384	0.25	cps
Zinc	66-2	1463	1513	1583	1520	3.97	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:21:04	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8386	6794	5418	6866	21.64	cps
Zirconium	91-1	1600	1500	1375	1492	7.56	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:24:19	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	565340	561491	558904	561912	0.58	cps
Antimony	121-1	171270	169876	170020	170389	0.45	cps
Arsenic	75-2	1843	1850	1935	1876	2.74	cps
Barium	135-1	36125	35657	36359	36047	0.99	cps
Barium	137-1	62750	62331	63009	62697	0.55	cps
Beryllium	9-1	26018	27232	26620	26623	2.28	cps
Bismuth	209-1	5889824	5926729	5886936	5901163	0.38	cps
Bismuth	209-2	1743490	1737619	1575696	1685601	5.65	cps
Boron	10-1	9762	9887	10054	9901	1.48	cps
Boron	11-1	46552	46711	48132	47131	1.85	cps
Cadmium	111-1	36872	36627	37545	37015	1.28	cps
Cadmium	106-1	6627	5927	6685	6413	6.58	cps
Cadmium	108-1	3726	3901	3963	3863	3.19	cps
Calcium	43-1	2018192	2030710	2034799	2027900	0.43	cps
Calcium	44-1	32743505	32969353	32904344	32872401	0.35	cps
Chromium	52-2	34062	34449	34062	34191	0.65	cps
Cobalt	59-2	37775	37147	37942	37621	1.11	cps
Copper	63-2	42602	42843	42294	42580	0.65	cps
Dysprosium	156-1	8	25	67	33	90.15	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	108	42	83	78	43.30	cps
Erbium	164-2	17	3	27	16	75.27	cps
Gadolinium	160-1	67	75	108	83	26.46	cps
Gadolinium	160-2	13	10	3	9	57.30	cps
Holmium	165-1	9901934	9764655	9783757	9816782	0.76	cps
Holmium	165-2	2277267	2258222	2071403	2202297	5.17	cps
Indium	115-1	8126726	8084597	8127718	8113014	0.30	cps
Indium	115-2	346286	345026	315988	335767	5.10	cps
Iron	56-2	54148386	54169901	54502954	54273747	0.37	cps
Iron	57-2	1361067	1364639	1392419	1372708	1.25	cps
Krypton	83-1	373	330	383	362	7.83	cps
Lead	206-1	117388	117949	118442	117926	0.45	cps
Lead	207-1	97902	97595	96800	97432	0.58	cps
Lead	208-1	456676	456323	454070	455690	0.31	cps
Lithium	6-1	1846017	1864807	1878443	1863089	0.87	cps
Magnesium	24-2	3014031	2955596	3013126	2994251	1.12	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:24:19	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6075	6225	6355	6218	2.25	cps
Molybdenum	94-1	4229115	4194175	4268993	4230761	0.88	cps
Molybdenum	95-1	7017245	6977324	7035026	7009865	0.42	cps
Molybdenum	96-1	7514139	7428287	7587806	7510077	1.06	cps
Molybdenum	97-1	4412142	4417153	4450638	4426644	0.47	cps
Molybdenum	98-1	11212344	11182219	11092589	11162384	0.56	cps
Neodymium	150-1	47	40	20	36	39.03	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	13547	13210	13447	13401	1.29	cps
Phosphorus	31-2	43108	41554	41771	42144	2.00	cps
Potassium	39-2	1627506	1617109	1620113	1621576	0.33	cps
Rhodium	103-1	7693685	7655314	7654879	7667959	0.29	cps
Rhodium	103-2	2112768	2089069	1918221	2040019	5.20	cps
Scandium	45-1	5568754	5530652	5596304	5565237	0.59	cps
Scandium	45-2	40910	40809	39086	40268	2.55	cps
Selenium	77-2	13	23	27	21	32.88	cps
Selenium	78-2	43	44	61	49	20.66	cps
Selenium	82-1	2270	2218	2229	2239	1.22	cps
Silicon	28-1	779979	778176	782948	780368	0.31	cps
Silver	109-1	154056	156579	158734	156456	1.50	cps
Silver	107-1	166339	166553	165623	166172	0.29	cps
Sodium	23-2	7040041	6972614	6979637	6997431	0.53	cps
Strontium	86-1	199429	200232	199960	199874	0.20	cps
Strontium	88-1	1746052	1771795	1750558	1756135	0.78	cps
Sulfur	34-1	2731752	2698463	2709967	2713394	0.62	cps
Terbium	159-1	10217144	10170103	10167328	10184858	0.27	cps
Terbium	159-2	2168556	2147832	1968751	2095046	5.24	cps
Thallium	203-1	116909	119274	120603	118929	1.57	cps
Thallium	205-1	284392	287271	285525	285729	0.51	cps
Tin	118-1	304391	308665	310648	307901	1.04	cps
Titanium	47-1	2140160	2139081	2159555	2146265	0.54	cps
Uranium	238-1	1003294	1012573	994414	1003427	0.90	cps
Vanadium	51-2	12005	12216	11999	12073	1.02	cps
Yttrium	89-1	8945642	8962066	8876392	8928033	0.51	cps
Yttrium	89-2	267672	265964	244922	259519	4.88	cps
Zinc	66-2	4111	4001	4007	4040	1.53	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:24:19	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	657165	662849	664762	661592	0.60	cps
Zirconium	91-1	147821	144074	147332	146409	1.39	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:27:33	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	332465	329360	326560	329462	0.90	cps
Antimony	121-1	4188552	4242364	4258556	4229824	0.87	cps
Arsenic	75-2	50057	49750	49395	49734	0.67	cps
Barium	135-1	4359008	4409610	4383120	4383913	0.58	cps
Barium	137-1	7439692	7613875	7573842	7542469	1.21	cps
Beryllium	9-1	680949	682568	685474	682997	0.34	cps
Bismuth	209-1	5903718	5794683	5674236	5790879	1.98	cps
Bismuth	209-2	1691424	1757179	1755634	1734746	2.16	cps
Boron	10-1	70591	72148	75030	72589	3.10	cps
Boron	11-1	331995	337501	347885	339127	2.38	cps
Cadmium	111-1	900674	900181	899256	900037	0.08	cps
Cadmium	106-1	94313	96109	96150	95524	1.10	cps
Cadmium	108-1	63197	63955	63863	63672	0.65	cps
Calcium	43-1	5526790	5557240	5548820	5544283	0.28	cps
Calcium	44-1	90768812	90184006	90941550	90631456	0.44	cps
Chromium	52-2	457995	458411	455943	457450	0.29	cps
Cobalt	59-2	908269	914965	915505	912913	0.44	cps
Copper	63-2	1583223	1576593	1579453	1579756	0.21	cps
Dysprosium	156-1	117	67	67	83	34.64	cps
Dysprosium	156-2	20	7	13	13	49.99	cps
Erbium	164-1	67	75	50	64	19.92	cps
Erbium	164-2	3	17	13	11	62.48	cps
Gadolinium	160-1	100	58	125	94	35.66	cps
Gadolinium	160-2	17	20	17	18	10.81	cps
Holmium	165-1	9938033	9607763	9631379	9725725	1.89	cps
Holmium	165-2	2335636	2347606	2321609	2334951	0.56	cps
Indium	115-1	8142127	7942527	7874077	7986244	1.74	cps
Indium	115-2	354170	354140	350311	352874	0.63	cps
Iron	56-2	70496259	71218202	71218124	70977528	0.59	cps
Iron	57-2	1819621	1815609	1809181	1814804	0.29	cps
Krypton	83-1	313	343	413	357	14.39	cps
Lead	206-1	2487028	2507143	2445609	2479927	1.27	cps
Lead	207-1	2272768	2257533	2242386	2257563	0.67	cps
Lead	208-1	10148777	10209151	10022806	10126911	0.94	cps
Lithium	6-1	1900370	1874256	1861518	1878715	1.05	cps
Magnesium	24-2	8028329	7961761	7849631	7946574	1.14	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:27:33	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	238850	241477	240942	240423	0.58	cps
Molybdenum	94-1	7502095	7442727	7553632	7499485	0.74	cps
Molybdenum	95-1	9127671	9154013	9162144	9147943	0.20	cps
Molybdenum	96-1	10144482	10134614	10175000	10151365	0.21	cps
Molybdenum	97-1	5735574	5768020	5790895	5764830	0.48	cps
Molybdenum	98-1	14587225	14707910	14584349	14626495	0.48	cps
Neodymium	150-1	147	140	207	164	22.33	cps
Neodymium	150-2	0	20	3	8	137.80	cps
Nickel	60-2	273960	273183	274420	273854	0.23	cps
Phosphorus	31-2	4743	4618	4726	4695	1.45	cps
Potassium	39-2	2168224	2187715	2188329	2181423	0.52	cps
Rhodium	103-1	7589420	7364694	7269510	7407875	2.22	cps
Rhodium	103-2	2089455	2099524	2084454	2091144	0.37	cps
Scandium	45-1	5547133	5453915	5343936	5448328	1.87	cps
Scandium	45-2	42798	42929	42394	42707	0.65	cps
Selenium	77-2	353	370	307	343	9.56	cps
Selenium	78-2	1170	1122	1176	1156	2.55	cps
Selenium	82-1	58897	58878	59159	58978	0.27	cps
Silicon	28-1	2364896	2378778	2397936	2380537	0.70	cps
Silver	109-1	4234069	4245647	4253637	4244451	0.23	cps
Silver	107-1	4480739	4415467	4474161	4456789	0.81	cps
Sodium	23-2	18402120	18490256	18367282	18419886	0.34	cps
Strontium	86-1	1166196	1179126	1188996	1178106	0.97	cps
Strontium	88-1	10013402	10138212	10097679	10083098	0.63	cps
Sulfur	34-1	756321	758867	763253	759480	0.46	cps
Terbium	159-1	10190245	9873194	9910683	9991374	1.73	cps
Terbium	159-2	2210065	2250120	2232923	2231036	0.90	cps
Thallium	203-1	3063855	3080212	3052066	3065378	0.46	cps
Thallium	205-1	7238894	7237538	7116519	7197650	0.98	cps
Tin	118-1	2764469	2760890	2759016	2761458	0.10	cps
Titanium	47-1	2676683	2707021	2745317	2709674	1.27	cps
Uranium	238-1	9424928	9440054	9371943	9412308	0.38	cps
Vanadium	51-2	324659	324821	325779	325086	0.19	cps
Yttrium	89-1	8894835	8757315	8613481	8755210	1.61	cps
Yttrium	89-2	273483	277633	276870	275995	0.80	cps
Zinc	66-2	134467	134898	134601	134655	0.16	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:27:33	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6250625	6229051	6248980	6242885	0.19	cps
Zirconium	91-1	1411385	1407591	1411422	1410133	0.16	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:31:38	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	33	28	34.63	cps
Antimony	121-1	6418	5593	5618	5877	7.99	cps
Arsenic	75-2	6	7	15	9	52.86	cps
Barium	135-1	133	142	67	114	36.09	cps
Barium	137-1	158	58	125	114	44.71	cps
Beryllium	9-1	144	128	106	126	15.49	cps
Bismuth	209-1	6179002	5940311	6266279	6128531	2.75	cps
Bismuth	209-2	1892921	1895634	1885335	1891297	0.28	cps
Boron	10-1	2392	2259	1792	2147	14.67	cps
Boron	11-1	11005	10012	9470	10162	7.66	cps
Cadmium	111-1	1264	1327	1309	1300	2.50	cps
Cadmium	106-1	1767	1850	1850	1822	2.64	cps
Cadmium	108-1	21	8	33	21	60.01	cps
Calcium	43-1	1008	800	925	911	11.51	cps
Calcium	44-1	27912	27687	27027	27542	1.67	cps
Chromium	52-2	697	653	663	671	3.38	cps
Cobalt	59-2	60	63	63	62	3.09	cps
Copper	63-2	317	467	317	367	23.62	cps
Dysprosium	156-1	42	42	25	36	26.65	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	33	25	33	31	15.74	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	67	67	25	53	45.58	cps
Gadolinium	160-2	3	13	7	8	65.47	cps
Holmium	165-1	9797538	9517324	9899044	9737969	2.03	cps
Holmium	165-2	2323363	2331574	2292056	2315664	0.90	cps
Indium	115-1	8282182	8157774	8352758	8264238	1.19	cps
Indium	115-2	363805	360366	361512	361894	0.48	cps
Iron	56-2	3228	2984	3123	3112	3.94	cps
Iron	57-2	111	67	100	93	24.98	cps
Krypton	83-1	317	387	363	356	10.02	cps
Lead	206-1	544	572	611	576	5.82	cps
Lead	207-1	639	578	583	600	5.63	cps
Lead	208-1	2545	2606	2378	2509	4.70	cps
Lithium	6-1	1944167	1870651	1949638	1921485	2.30	cps
Magnesium	24-2	300	308	258	289	9.27	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:31:38	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17	37	20	24	43.83	cps
Molybdenum	94-1	2050	2175	1750	1992	10.97	cps
Molybdenum	95-1	2775	2059	2259	2364	15.65	cps
Molybdenum	96-1	3075	2584	2359	2673	13.72	cps
Molybdenum	97-1	1792	1767	1350	1636	15.16	cps
Molybdenum	98-1	4193	3917	3692	3934	6.37	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	27	33	32	15.80	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2867	3025	2875	2923	3.05	cps
Rhodium	103-1	8021714	7747229	8097909	7955617	2.32	cps
Rhodium	103-2	2234132	2199339	2240274	2224582	0.99	cps
Scandium	45-1	5568474	5314307	5494035	5458939	2.39	cps
Scandium	45-2	42524	42702	42350	42525	0.41	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	43	0	-26	5	650.58	cps
Silicon	28-1	394894	394695	389660	393083	0.75	cps
Silver	109-1	525	392	225	381	39.50	cps
Silver	107-1	383	433	408	408	6.12	cps
Sodium	23-2	11605	11188	11438	11411	1.84	cps
Strontium	86-1	608	650	608	622	3.87	cps
Strontium	88-1	283	133	208	208	36.00	cps
Sulfur	34-1	427961	428788	431872	429540	0.48	cps
Terbium	159-1	10209264	9886849	10326393	10140836	2.24	cps
Terbium	159-2	2203980	2227089	2209086	2213385	0.55	cps
Thallium	203-1	1358	1133	1092	1195	12.01	cps
Thallium	205-1	2867	2350	2192	2470	14.30	cps
Tin	118-1	2100	1959	1834	1964	6.79	cps
Titanium	47-1	233	275	267	258	8.54	cps
Uranium	238-1	250	317	208	258	21.15	cps
Vanadium	51-2	10	13	20	14	35.26	cps
Yttrium	89-1	9006043	8659175	8905341	8856853	2.01	cps
Yttrium	89-2	272386	271188	271428	271668	0.23	cps
Zinc	66-2	60	30	40	43	35.25	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:31:38	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2284	2484	2509	2425	5.09	cps
Zirconium	91-1	600	467	475	514	14.53	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:34:58	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	92	117	119	24.50	cps
Antimony	121-1	18305	18213	18730	18416	1.50	cps
Arsenic	75-2	102	107	109	106	3.63	cps
Barium	135-1	17053	16678	17228	16986	1.66	cps
Barium	137-1	29985	28465	29785	29412	2.81	cps
Beryllium	9-1	1411	1533	1489	1478	4.19	cps
Bismuth	209-1	6254692	5853684	6227158	6111845	3.66	cps
Bismuth	209-2	1869230	1808370	1883679	1853759	2.16	cps
Boron	10-1	4543	4668	4859	4690	3.40	cps
Boron	11-1	21208	22318	22585	22037	3.31	cps
Cadmium	111-1	2863	3010	2929	2934	2.51	cps
Cadmium	106-1	1984	1809	1925	1906	4.68	cps
Cadmium	108-1	150	146	158	151	4.20	cps
Calcium	43-1	11080	11013	10354	10816	3.71	cps
Calcium	44-1	188789	190849	191278	190305	0.70	cps
Chromium	52-2	2487	2514	2414	2471	2.10	cps
Cobalt	59-2	2000	1944	1867	1937	3.46	cps
Copper	63-2	3731	3567	3641	3646	2.24	cps
Dysprosium	156-1	17	0	42	19	107.85	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	100	42	50	92.80	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	75	58	33	56	37.76	cps
Gadolinium	160-2	3	10	7	7	50.03	cps
Holmium	165-1	10008792	9243597	9855890	9702760	4.17	cps
Holmium	165-2	2336618	2258571	2320880	2305356	1.79	cps
Indium	115-1	8510406	7834922	8371255	8238861	4.33	cps
Indium	115-2	366154	353010	367171	362112	2.18	cps
Iron	56-2	32204	30334	31197	31245	3.00	cps
Iron	57-2	817	883	672	791	13.65	cps
Krypton	83-1	353	380	370	368	3.66	cps
Lead	206-1	5635	5385	5585	5535	2.39	cps
Lead	207-1	4790	4562	5207	4853	6.74	cps
Lead	208-1	21752	21375	22364	21830	2.29	cps
Lithium	6-1	1900553	1790804	1902052	1864470	3.42	cps
Magnesium	24-2	15200	15067	16210	15492	4.03	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:34:58	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	317	263	250	277	12.75	cps
Molybdenum	94-1	16803	16686	16361	16616	1.38	cps
Molybdenum	95-1	18605	19148	19031	18928	1.51	cps
Molybdenum	96-1	22094	21326	21176	21532	2.29	cps
Molybdenum	97-1	12081	11155	11772	11669	4.04	cps
Molybdenum	98-1	30268	30051	29433	29917	1.45	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	573	583	690	616	10.51	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	11005	10888	11222	11038	1.53	cps
Rhodium	103-1	8099884	7488982	7988752	7859206	4.14	cps
Rhodium	103-2	2248464	2175878	2250594	2224979	1.91	cps
Scandium	45-1	5549924	5160340	5555641	5421968	4.18	cps
Scandium	45-2	42277	40335	42421	41677	2.80	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	17	9	7	11	44.09	cps
Selenium	82-1	622	546	508	559	10.41	cps
Silicon	28-1	456640	453006	457188	455611	0.50	cps
Silver	109-1	8745	9120	8978	8948	2.12	cps
Silver	107-1	8995	9279	9629	9301	3.41	cps
Sodium	23-2	46979	45181	46945	46368	2.22	cps
Strontium	86-1	2817	2842	2667	2775	3.41	cps
Strontium	88-1	20007	20508	20825	20447	2.02	cps
Sulfur	34-1	437599	437083	438311	437664	0.14	cps
Terbium	159-1	10366246	9481932	10297227	10048469	4.89	cps
Terbium	159-2	2254058	2152386	2258882	2221775	2.71	cps
Thallium	203-1	6961	7011	7269	7080	2.34	cps
Thallium	205-1	16453	16561	15694	16236	2.91	cps
Tin	118-1	31062	28782	30611	30152	4.00	cps
Titanium	47-1	5293	5101	5076	5157	2.30	cps
Uranium	238-1	18055	18339	18389	18261	0.99	cps
Vanadium	51-2	3014	3037	2980	3010	0.95	cps
Yttrium	89-1	8935455	8333272	8960979	8743235	4.06	cps
Yttrium	89-2	276869	267627	276884	273794	1.95	cps
Zinc	66-2	423	463	390	426	8.63	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:34:58	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	16811	16185	16527	16508	1.90	cps
Zirconium	91-1	3617	3726	3601	3648	1.86	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	PB110336BL	Instrumnet Name :	P8
Client Sample ID :	PB110336BL	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:38:19	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	17	25	28	45.82	cps
Antimony	121-1	1283	1367	1092	1247	11.31	cps
Arsenic	75-2	7	11	9	9	19.98	cps
Barium	135-1	50	50	50	50	0.00	cps
Barium	137-1	25	67	67	53	45.58	cps
Beryllium	9-1	39	72	117	76	51.39	cps
Bismuth	209-1	5933085	6362336	6295077	6196833	3.73	cps
Bismuth	209-2	1921561	1882971	1886528	1897020	1.12	cps
Boron	10-1	1175	1292	958	1142	14.82	cps
Boron	11-1	5693	5159	5685	5512	5.55	cps
Cadmium	111-1	1319	1411	1506	1412	6.60	cps
Cadmium	106-1	1875	1992	2134	2000	6.47	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Calcium	43-1	808	817	1008	878	12.89	cps
Calcium	44-1	26944	26760	26810	26838	0.35	cps
Chromium	52-2	717	693	657	689	4.39	cps
Cobalt	59-2	50	97	53	67	39.06	cps
Copper	63-2	377	350	383	370	4.77	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	75	75	64	30.12	cps
Erbium	164-2	10	10	17	12	31.50	cps
Gadolinium	160-1	100	75	42	72	40.52	cps
Gadolinium	160-2	17	17	3	12	63.01	cps
Holmium	165-1	9402070	10024470	10065651	9830730	3.78	cps
Holmium	165-2	2379278	2326144	2367439	2357621	1.18	cps
Indium	115-1	7964800	8541491	8518346	8341546	3.91	cps
Indium	115-2	370909	368464	370641	370004	0.36	cps
Iron	56-2	2361	2178	2511	2350	7.10	cps
Iron	57-2	67	56	44	56	20.00	cps
Krypton	83-1	350	387	307	348	11.51	cps
Lead	206-1	444	433	328	402	16.02	cps
Lead	207-1	422	339	367	376	11.29	cps
Lead	208-1	1817	1600	1611	1676	7.28	cps
Lithium	6-1	1797913	1923505	1902330	1874583	3.59	cps
Magnesium	24-2	200	175	208	194	8.92	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	PB110336BL	Instrumnet Name :	P8
Client Sample ID :	PB110336BL	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:38:19	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	40	33	37	9.10	cps
Molybdenum	94-1	883	725	917	842	12.17	cps
Molybdenum	95-1	617	667	583	622	6.74	cps
Molybdenum	96-1	758	775	900	811	9.55	cps
Molybdenum	97-1	467	550	375	464	18.87	cps
Molybdenum	98-1	1042	1183	1067	1097	6.89	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	67	60	63	5.27	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	3050	2884	3150	3028	4.45	cps
Rhodium	103-1	7644123	8184684	8151236	7993347	3.79	cps
Rhodium	103-2	2282429	2283985	2284129	2283515	0.04	cps
Scandium	45-1	5320525	5663185	5592148	5525286	3.27	cps
Scandium	45-2	43216	42681	43317	43071	0.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	0	4	3	91.69	cps
Selenium	82-1	-25	-67	3	-30	-118.83	cps
Silicon	28-1	388144	390285	390836	389755	0.36	cps
Silver	109-1	167	142	125	144	14.52	cps
Silver	107-1	142	267	175	194	33.29	cps
Sodium	23-2	10204	10212	10004	10140	1.16	cps
Strontium	86-1	517	608	525	550	9.22	cps
Strontium	88-1	142	250	133	175	37.19	cps
Sulfur	34-1	444250	444581	442617	443816	0.24	cps
Terbium	159-1	9678400	10470141	10421168	10189903	4.35	cps
Terbium	159-2	2292707	2275539	2282385	2283544	0.38	cps
Thallium	203-1	667	625	517	603	12.85	cps
Thallium	205-1	1675	1325	1467	1489	11.83	cps
Tin	118-1	1517	1467	1225	1403	11.12	cps
Titanium	47-1	225	233	208	222	5.73	cps
Uranium	238-1	50	58	83	64	27.15	cps
Vanadium	51-2	7	3	3	4	43.40	cps
Yttrium	89-1	8480667	9045354	9173918	8899980	4.14	cps
Yttrium	89-2	280526	276898	281313	279579	0.84	cps
Zinc	66-2	103	137	83	108	25.00	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	PB110336BL	Instrumnet Name :	P8
Client Sample ID :	PB110336BL	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:38:19	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1500	1258	1425	1395	8.87	cps
Zirconium	91-1	267	325	317	303	10.42	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	PB110336BS	Instrumnet Name :	P8
Client Sample ID :	PB110336BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:41:39	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	283	292	242	272	9.84	cps
Antimony	121-1	32449	33017	33368	32944	1.41	cps
Arsenic	75-2	217	174	217	202	12.14	cps
Barium	135-1	31630	33986	32641	32753	3.61	cps
Barium	137-1	56538	58062	57392	57331	1.33	cps
Beryllium	9-1	2789	2778	2995	2854	4.28	cps
Bismuth	209-1	6361361	6334581	6226613	6307518	1.13	cps
Bismuth	209-2	1888710	1892769	1913424	1898301	0.70	cps
Boron	10-1	7619	8153	7828	7866	3.42	cps
Boron	11-1	35286	37157	37650	36698	3.40	cps
Cadmium	111-1	5037	5003	5020	5020	0.33	cps
Cadmium	106-1	2359	2400	2275	2345	2.72	cps
Cadmium	108-1	242	200	325	256	24.90	cps
Calcium	43-1	20432	21184	21960	21192	3.60	cps
Calcium	44-1	352259	353832	354360	353484	0.31	cps
Chromium	52-2	4304	4264	4381	4316	1.37	cps
Cobalt	59-2	3837	3891	3921	3883	1.09	cps
Copper	63-2	6792	6788	7025	6868	1.98	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	42	67	53	24.12	cps
Erbium	164-2	7	7	13	9	43.25	cps
Gadolinium	160-1	108	67	142	106	35.60	cps
Gadolinium	160-2	10	7	7	8	24.71	cps
Holmium	165-1	10043212	9963774	9991686	9999558	0.40	cps
Holmium	165-2	2371919	2374006	2357847	2367924	0.37	cps
Indium	115-1	8487916	8602019	8449122	8513019	0.93	cps
Indium	115-2	370024	368802	372517	370448	0.51	cps
Iron	56-2	235668	236329	238787	236928	0.69	cps
Iron	57-2	5701	6029	5835	5855	2.82	cps
Krypton	83-1	310	350	380	347	10.13	cps
Lead	206-1	9726	10349	10455	10177	3.87	cps
Lead	207-1	9176	9448	8976	9200	2.58	cps
Lead	208-1	40298	41283	40704	40762	1.21	cps
Lithium	6-1	1934004	1919584	1909047	1920878	0.65	cps
Magnesium	24-2	32004	30809	31076	31297	2.00	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	PB110336BS	Instrumnet Name :	P8
Client Sample ID :	PB110336BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:41:39	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	500	510	500	503	1.15	cps
Molybdenum	94-1	29742	30034	30644	30140	1.53	cps
Molybdenum	95-1	35473	35230	34996	35233	0.68	cps
Molybdenum	96-1	38990	40746	38330	39355	3.17	cps
Molybdenum	97-1	21568	21610	22403	21860	2.15	cps
Molybdenum	98-1	55105	57649	57037	56597	2.35	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1270	1153	1140	1188	6.02	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	20157	19147	18555	19286	4.20	cps
Rhodium	103-1	8214367	8233253	8140210	8195944	0.60	cps
Rhodium	103-2	2276119	2262203	2301656	2279992	0.88	cps
Scandium	45-1	5664695	5726810	5586727	5659411	1.24	cps
Scandium	45-2	43678	43193	43183	43351	0.65	cps
Selenium	77-2	7	7	10	8	24.71	cps
Selenium	78-2	30	26	28	28	6.66	cps
Selenium	82-1	1254	1201	1108	1188	6.24	cps
Silicon	28-1	522490	525403	518413	522102	0.67	cps
Silver	109-1	17345	17387	17779	17504	1.37	cps
Silver	107-1	17779	18063	18154	17999	1.09	cps
Sodium	23-2	82228	81675	82573	82159	0.55	cps
Strontium	86-1	4743	5668	5385	5265	9.01	cps
Strontium	88-1	39433	39107	39116	39219	0.47	cps
Sulfur	34-1	446549	446157	447989	446898	0.22	cps
Terbium	159-1	10534929	10362803	10305183	10400971	1.15	cps
Terbium	159-2	2281954	2227385	2272554	2260631	1.29	cps
Thallium	203-1	12724	12665	12173	12521	2.42	cps
Thallium	205-1	29678	29619	30313	29870	1.29	cps
Tin	118-1	56805	57642	57893	57446	0.99	cps
Titanium	47-1	10087	10471	10805	10454	3.43	cps
Uranium	238-1	37207	36613	36371	36731	1.17	cps
Vanadium	51-2	6091	6382	6035	6169	3.02	cps
Yttrium	89-1	9113507	9180244	9074584	9122778	0.59	cps
Yttrium	89-2	278872	278757	284166	280599	1.10	cps
Zinc	66-2	727	700	683	703	3.11	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	PB110336BS	Instrumnet Name :	P8
Client Sample ID :	PB110336BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:41:39	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	27871	28063	28038	27991	0.37	cps
Zirconium	91-1	6135	6110	6469	6238	3.21	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	PB110335BL	Instrumnet Name :	P8
Client Sample ID :	PB110335BL	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:44:59	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	8	11	43.34	cps
Antimony	121-1	817	708	758	761	7.12	cps
Arsenic	75-2	9	4	2	5	78.12	cps
Barium	135-1	25	50	42	39	32.73	cps
Barium	137-1	75	100	42	72	40.52	cps
Beryllium	9-1	89	61	56	69	26.06	cps
Bismuth	209-1	6214458	6398047	6357337	6323281	1.52	cps
Bismuth	209-2	1855693	1937992	1937976	1910554	2.49	cps
Boron	10-1	1075	1025	1125	1075	4.65	cps
Boron	11-1	5468	5351	5118	5312	3.36	cps
Cadmium	111-1	1333	1465	1300	1366	6.38	cps
Cadmium	106-1	1909	2075	1850	1945	6.00	cps
Cadmium	108-1	17	13	17	15	15.76	cps
Calcium	43-1	1083	750	883	906	18.53	cps
Calcium	44-1	25441	25950	25825	25739	1.03	cps
Chromium	52-2	647	643	637	642	0.79	cps
Cobalt	59-2	63	87	60	70	20.76	cps
Copper	63-2	297	303	377	326	13.63	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	33	17	28	34.63	cps
Erbium	164-2	10	13	0	8	89.21	cps
Gadolinium	160-1	8	58	75	47	73.48	cps
Gadolinium	160-2	7	7	20	11	69.25	cps
Holmium	165-1	10022017	10164649	10139016	10108561	0.75	cps
Holmium	165-2	2348386	2409414	2388064	2381954	1.30	cps
Indium	115-1	8388987	8628861	8606502	8541450	1.55	cps
Indium	115-2	370443	377484	376846	374925	1.04	cps
Iron	56-2	1695	1828	1767	1763	3.79	cps
Iron	57-2	44	50	50	48	6.65	cps
Krypton	83-1	410	357	340	369	9.91	cps
Lead	206-1	356	322	444	374	16.89	cps
Lead	207-1	294	228	400	307	28.25	cps
Lead	208-1	1378	1283	1506	1389	8.03	cps
Lithium	6-1	1875034	1913961	1929494	1906163	1.47	cps
Magnesium	24-2	242	225	183	217	13.87	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	PB110335BL	Instrumnet Name :	P8
Client Sample ID :	PB110335BL	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:44:59	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	47	27	39	27.55	cps
Molybdenum	94-1	592	542	658	597	9.80	cps
Molybdenum	95-1	408	400	208	339	33.39	cps
Molybdenum	96-1	517	525	433	492	10.31	cps
Molybdenum	97-1	175	267	292	244	25.13	cps
Molybdenum	98-1	500	483	633	539	15.26	cps
Neodymium	150-1	20	7	20	16	49.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	83	63	70	72	14.11	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	3084	3042	2867	2998	3.84	cps
Rhodium	103-1	8113164	8180360	8266640	8186721	0.94	cps
Rhodium	103-2	2256809	2305943	2297620	2286791	1.15	cps
Scandium	45-1	5618926	5696775	5738210	5684637	1.07	cps
Scandium	45-2	42819	43541	44363	43574	1.77	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	7	0	4	4	100.05	cps
Selenium	82-1	-52	-70	9	-38	-110.89	cps
Silicon	28-1	388284	383498	385896	385893	0.62	cps
Silver	109-1	100	117	92	103	12.38	cps
Silver	107-1	175	150	117	147	19.88	cps
Sodium	23-2	9779	9303	9720	9601	2.70	cps
Strontium	86-1	550	450	492	497	10.10	cps
Strontium	88-1	117	158	75	117	35.72	cps
Sulfur	34-1	447149	447222	451732	448701	0.59	cps
Terbium	159-1	10318363	10369744	10522116	10403407	1.02	cps
Terbium	159-2	2244491	2324013	2340189	2302898	2.22	cps
Thallium	203-1	408	475	600	494	19.68	cps
Thallium	205-1	1217	1083	1200	1167	6.23	cps
Tin	118-1	1225	1325	1367	1306	5.58	cps
Titanium	47-1	158	217	225	200	18.16	cps
Uranium	238-1	50	33	92	58	51.51	cps
Vanadium	51-2	13	10	20	14	35.26	cps
Yttrium	89-1	8979558	9197600	9159036	9112065	1.28	cps
Yttrium	89-2	276891	282829	284349	281356	1.40	cps
Zinc	66-2	103	90	113	102	11.45	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	PB110335BL	Instrumnet Name :	P8
Client Sample ID :	PB110335BL	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:44:59	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1058	1233	1233	1175	8.60	cps
Zirconium	91-1	267	283	292	281	4.54	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	PB110335BS	Instrumnet Name :	P8
Client Sample ID :	PB110335BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:48:19	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	383	267	250	300	24.22	cps
Antimony	121-1	33276	34036	33476	33596	1.17	cps
Arsenic	75-2	194	198	176	190	6.28	cps
Barium	135-1	33736	33310	34003	33683	1.04	cps
Barium	137-1	58957	60380	58531	59289	1.63	cps
Beryllium	9-1	2911	2639	2973	2841	6.25	cps
Bismuth	209-1	6309158	6296353	6213461	6272991	0.83	cps
Bismuth	209-2	1935649	1901774	1907904	1915109	0.94	cps
Boron	10-1	7894	7836	8094	7941	1.71	cps
Boron	11-1	35612	36998	36690	36433	2.00	cps
Cadmium	111-1	4955	4791	4988	4911	2.15	cps
Cadmium	106-1	2325	2225	2292	2281	2.23	cps
Cadmium	108-1	325	304	263	297	10.71	cps
Calcium	43-1	21359	21567	20775	21234	1.94	cps
Calcium	44-1	356273	357711	359572	357852	0.46	cps
Chromium	52-2	4304	4481	4361	4382	2.06	cps
Cobalt	59-2	3964	3894	3841	3900	1.59	cps
Copper	63-2	6909	7069	6945	6974	1.20	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	92	58	67	33.07	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	67	67	117	83	34.64	cps
Gadolinium	160-2	7	7	13	9	43.25	cps
Holmium	165-1	10230469	10100583	9996341	10109131	1.16	cps
Holmium	165-2	2373805	2361520	2374936	2370087	0.31	cps
Indium	115-1	8634803	8608232	8421806	8554947	1.36	cps
Indium	115-2	374826	371275	374266	373456	0.51	cps
Iron	56-2	244996	241562	244672	243743	0.78	cps
Iron	57-2	6246	5951	6001	6066	2.60	cps
Krypton	83-1	370	317	270	319	15.69	cps
Lead	206-1	9910	10221	10138	10090	1.60	cps
Lead	207-1	9343	9543	9626	9504	1.53	cps
Lead	208-1	41812	42930	41823	42188	1.52	cps
Lithium	6-1	1934617	1905815	1882731	1907721	1.36	cps
Magnesium	24-2	32229	31787	31160	31725	1.69	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	PB110335BS	Instrumnet Name :	P8
Client Sample ID :	PB110335BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:48:19	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	563	517	567	549	5.09	cps
Molybdenum	94-1	30477	29099	30109	29895	2.39	cps
Molybdenum	95-1	35431	36734	35189	35785	2.32	cps
Molybdenum	96-1	39192	39241	40335	39589	1.63	cps
Molybdenum	97-1	21651	23204	22904	22587	3.65	cps
Molybdenum	98-1	58820	56117	56920	57286	2.42	cps
Neodymium	150-1	27	20	0	16	89.22	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1220	1183	1143	1182	3.24	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	19756	19615	19898	19756	0.72	cps
Rhodium	103-1	8346288	8186877	8137832	8223666	1.33	cps
Rhodium	103-2	2290889	2257605	2304832	2284442	1.06	cps
Scandium	45-1	5736216	5727242	5596626	5686695	1.37	cps
Scandium	45-2	43213	43671	43086	43323	0.71	cps
Selenium	77-2	0	17	3	7	132.33	cps
Selenium	78-2	17	22	22	20	15.73	cps
Selenium	82-1	1199	1249	1321	1257	4.89	cps
Silicon	28-1	524964	522406	524924	524098	0.28	cps
Silver	109-1	17971	16719	17128	17273	3.70	cps
Silver	107-1	18363	18288	18797	18483	1.49	cps
Sodium	23-2	82187	83444	82581	82737	0.78	cps
Strontium	86-1	5318	5593	5510	5474	2.58	cps
Strontium	88-1	40945	40946	40954	40948	0.01	cps
Sulfur	34-1	449096	446604	454263	449988	0.87	cps
Terbium	159-1	10493792	10391019	10314995	10399935	0.86	cps
Terbium	159-2	2286592	2255047	2273440	2271693	0.70	cps
Thallium	203-1	12982	12807	12999	12929	0.82	cps
Thallium	205-1	31156	30070	30254	30493	1.91	cps
Tin	118-1	58069	56128	57273	57157	1.71	cps
Titanium	47-1	10271	10996	10855	10707	3.59	cps
Uranium	238-1	36906	37499	36939	37115	0.90	cps
Vanadium	51-2	6468	6258	6302	6343	1.75	cps
Yttrium	89-1	9199006	9181835	9116699	9165847	0.47	cps
Yttrium	89-2	281853	281411	282909	282058	0.27	cps
Zinc	66-2	690	673	720	694	3.41	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	PB110335BS	Instrumnet Name :	P8
Client Sample ID :	PB110335BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:48:19	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	26736	25959	27136	26610	2.25	cps
Zirconium	91-1	5910	5852	5768	5843	1.22	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	J3458-04	Instrumnet Name :	P8
Client Sample ID :	EPE-105-5(45-47)	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:52:51	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	692759	693827	690312	692299	0.26	cps
Antimony	121-1	1734	1625	1634	1664	3.62	cps
Arsenic	75-2	2430	2372	2369	2390	1.43	cps
Barium	135-1	875891	876563	882698	878384	0.43	cps
Barium	137-1	1545344	1557537	1546207	1549696	0.44	cps
Beryllium	9-1	9509	9492	9142	9381	2.21	cps
Bismuth	209-1	5934628	5924642	5543408	5800892	3.84	cps
Bismuth	209-2	1779871	1778893	1773014	1777259	0.21	cps
Boron	10-1	8444	8903	9103	8817	3.83	cps
Boron	11-1	41503	42213	42405	42040	1.13	cps
Cadmium	111-1	4035	4171	3744	3983	5.48	cps
Cadmium	106-1	4568	4651	4309	4509	3.95	cps
Cadmium	108-1	696	746	771	738	5.18	cps
Calcium	43-1	3899011	3887409	3915677	3900699	0.36	cps
Calcium	44-1	63511941	63422722	64099604	63678089	0.58	cps
Chromium	52-2	161995	159703	159513	160403	0.86	cps
Cobalt	59-2	196052	194814	193929	194932	0.55	cps
Copper	63-2	357972	353625	357350	356316	0.66	cps
Dysprosium	156-1	230629	233051	232110	231930	0.53	cps
Dysprosium	156-2	57382	56866	55601	56616	1.62	cps
Erbium	164-1	192796	191330	192548	192225	0.41	cps
Erbium	164-2	41492	41556	41399	41483	0.19	cps
Gadolinium	160-1	223834	226520	224254	224869	0.64	cps
Gadolinium	160-2	68133	68204	67718	68018	0.39	cps
Holmium	165-1	10003395	9906305	9285235	9731645	4.00	cps
Holmium	165-2	2372975	2313444	2340721	2342380	1.27	cps
Indium	115-1	8116643	8158862	7612256	7962587	3.82	cps
Indium	115-2	355207	354801	353925	354644	0.18	cps
Iron	56-2	117860380	117162064	116489872	117170772	0.58	cps
Iron	57-2	2969469	2965297	2978457	2971074	0.23	cps
Krypton	83-1	467	557	470	498	10.25	cps
Lead	206-1	566863	574131	568032	569675	0.69	cps
Lead	207-1	464929	468239	474208	469125	1.00	cps
Lead	208-1	2193133	2213217	2228375	2211575	0.80	cps
Lithium	6-1	1887209	1881105	1781633	1849982	3.20	cps
Magnesium	24-2	3140445	3158824	3159370	3152880	0.34	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	J3458-04	Instrumnet Name :	P8
Client Sample ID :	EPE-105-5(45-47)	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:52:51	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1349903	1338338	1340669	1342970	0.46	cps
Molybdenum	94-1	307315	311032	315772	311373	1.36	cps
Molybdenum	95-1	7102	7261	7069	7144	1.43	cps
Molybdenum	96-1	60737	60553	60703	60664	0.16	cps
Molybdenum	97-1	4301	4226	4117	4215	2.19	cps
Molybdenum	98-1	10905	10713	11005	10874	1.36	cps
Neodymium	150-1	337781	341151	341162	340031	0.57	cps
Neodymium	150-2	48894	48355	47559	48270	1.39	cps
Nickel	60-2	150965	150098	148828	149964	0.72	cps
Phosphorus	31-2	2625	2059	2059	2248	14.56	cps
Potassium	39-2	465737	466914	469108	467253	0.37	cps
Rhodium	103-1	7494578	7547884	7054433	7365632	3.68	cps
Rhodium	103-2	2138505	2110449	2124750	2124568	0.66	cps
Scandium	45-1	5956039	5937353	5683789	5859060	2.60	cps
Scandium	45-2	45480	44668	45256	45135	0.93	cps
Selenium	77-2	240	307	300	282	13.01	cps
Selenium	78-2	150	126	133	136	9.04	cps
Selenium	82-1	462	405	555	474	15.94	cps
Silicon	28-1	65941093	65898176	67509602	66449624	1.38	cps
Silver	109-1	2684	2675	2492	2617	4.14	cps
Silver	107-1	3526	3134	3301	3320	5.92	cps
Sodium	23-2	762327	756462	746822	755204	1.04	cps
Strontium	86-1	1005396	1015832	1014670	1011966	0.57	cps
Strontium	88-1	8702427	8620313	8715289	8679343	0.59	cps
Sulfur	34-1	640618	638505	646011	641711	0.60	cps
Terbium	159-1	10335515	10326599	9594960	10085691	4.21	cps
Terbium	159-2	2229989	2232315	2240041	2234115	0.24	cps
Thallium	203-1	9929	9571	10296	9932	3.65	cps
Thallium	205-1	24082	24024	24374	24160	0.78	cps
Tin	118-1	7269	7286	7469	7341	1.51	cps
Titanium	47-1	2069149	2094301	2137449	2100300	1.64	cps
Uranium	238-1	125250	127027	126329	126202	0.71	cps
Vanadium	51-2	137134	135218	136645	136332	0.73	cps
Yttrium	89-1	11564598	11605004	10959213	11376272	3.18	cps
Yttrium	89-2	358983	354671	358235	357296	0.64	cps
Zinc	66-2	72558	73416	71734	72570	1.16	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	J3458-04	Instrumnet Name :	P8
Client Sample ID :	EPE-105-5(45-47)	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:52:51	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	841539	856663	864114	854105	1.35	cps
Zirconium	91-1	185600	190305	191691	189199	1.69	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	J3458-04DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-105-5(45-47)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-06-19 15:56:07	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	352324	355988	351419	353244	0.68	cps
Antimony	121-1	975	1050	808	945	13.10	cps
Arsenic	75-2	1165	1274	1165	1201	5.25	cps
Barium	135-1	447397	457042	452973	452471	1.07	cps
Barium	137-1	790334	784171	791977	788827	0.52	cps
Beryllium	9-1	4879	5184	5079	5047	3.08	cps
Bismuth	209-1	6261825	6216639	6121939	6200134	1.15	cps
Bismuth	209-2	1867640	1856913	1763015	1829189	3.15	cps
Boron	10-1	5176	5026	5210	5137	1.90	cps
Boron	11-1	23988	23754	23503	23748	1.02	cps
Cadmium	111-1	2630	2467	2544	2547	3.19	cps
Cadmium	106-1	3150	2992	3025	3056	2.73	cps
Cadmium	108-1	429	438	421	429	1.94	cps
Calcium	43-1	2028236	2015577	2016251	2020021	0.35	cps
Calcium	44-1	32860450	32571479	32559685	32663871	0.52	cps
Chromium	52-2	83336	81458	82763	82519	1.17	cps
Cobalt	59-2	101130	101416	101450	101332	0.17	cps
Copper	63-2	187490	185136	185771	186132	0.65	cps
Dysprosium	156-1	118686	119450	115794	117977	1.63	cps
Dysprosium	156-2	28839	28515	28511	28621	0.66	cps
Erbium	164-1	97305	99144	100109	98853	1.44	cps
Erbium	164-2	21278	21084	21431	21264	0.82	cps
Gadolinium	160-1	117745	115861	117064	116890	0.82	cps
Gadolinium	160-2	34563	34148	34947	34552	1.16	cps
Holmium	165-1	10257792	10293717	10095829	10215779	1.03	cps
Holmium	165-2	2422175	2392706	2251914	2355599	3.86	cps
Indium	115-1	8386050	8528000	8396157	8436735	0.94	cps
Indium	115-2	368994	364630	347970	360531	3.08	cps
Iron	56-2	60509653	60330625	60089981	60310086	0.35	cps
Iron	57-2	1544692	1546324	1548430	1546482	0.12	cps
Krypton	83-1	443	440	547	477	12.72	cps
Lead	206-1	294635	294399	296152	295062	0.32	cps
Lead	207-1	239713	244175	241097	241662	0.95	cps
Lead	208-1	1143926	1144130	1146268	1144775	0.11	cps
Lithium	6-1	1921924	1919754	1965999	1935892	1.35	cps
Magnesium	24-2	1645032	1618724	1621476	1628410	0.89	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	J3458-04DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-105-5(45-47)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-06-19 15:56:07	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	695649	690491	693325	693155	0.37	cps
Molybdenum	94-1	160797	162155	162679	161877	0.60	cps
Molybdenum	95-1	3334	3609	3742	3562	5.85	cps
Molybdenum	96-1	30853	32663	31329	31615	2.97	cps
Molybdenum	97-1	2367	2392	2442	2400	1.59	cps
Molybdenum	98-1	5610	6127	5743	5826	4.61	cps
Neodymium	150-1	174930	174214	171872	173672	0.92	cps
Neodymium	150-2	24623	24203	24406	24411	0.86	cps
Nickel	60-2	78661	77313	77990	77988	0.86	cps
Phosphorus	31-2	1158	1083	1292	1178	8.96	cps
Potassium	39-2	243378	241771	241885	242345	0.37	cps
Rhodium	103-1	7882750	7996105	7904159	7927671	0.76	cps
Rhodium	103-2	2240739	2185564	2093700	2173335	3.42	cps
Scandium	45-1	5921262	5914230	5928065	5921186	0.12	cps
Scandium	45-2	45219	45493	43120	44611	2.91	cps
Selenium	77-2	173	177	133	161	14.97	cps
Selenium	78-2	59	76	76	70	13.68	cps
Selenium	82-1	191	202	67	153	48.95	cps
Silicon	28-1	34351615	34060538	34590747	34334300	0.77	cps
Silver	109-1	1525	1650	1442	1539	6.81	cps
Silver	107-1	1600	1508	1784	1631	8.59	cps
Sodium	23-2	393756	389322	392032	391703	0.57	cps
Strontium	86-1	521080	521988	519296	520788	0.26	cps
Strontium	88-1	4491054	4485709	4511631	4496131	0.30	cps
Sulfur	34-1	530953	532535	530595	531361	0.19	cps
Terbium	159-1	10570497	10613004	10545831	10576444	0.32	cps
Terbium	159-2	2291911	2286638	2184938	2254496	2.67	cps
Thallium	203-1	5068	5035	4985	5029	0.83	cps
Thallium	205-1	12006	12390	12573	12323	2.35	cps
Tin	118-1	4126	4176	4168	4156	0.64	cps
Titanium	47-1	1058768	1052460	1055720	1055650	0.30	cps
Uranium	238-1	66855	65389	64427	65557	1.87	cps
Vanadium	51-2	70195	69642	69970	69936	0.40	cps
Yttrium	89-1	10445323	10671834	10419895	10512351	1.32	cps
Yttrium	89-2	324620	324683	310862	320055	2.49	cps
Zinc	66-2	38039	37902	37952	37964	0.18	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	J3458-04DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-105-5(45-47)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-06-19 15:56:07	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	438340	444107	442626	441691	0.68	cps
Zirconium	91-1	96751	97028	97909	97229	0.62	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:59:25	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	341738	340859	341642	341413	0.14	cps
Antimony	121-1	4313800	4279035	4293025	4295287	0.41	cps
Arsenic	75-2	51823	51267	51438	51509	0.55	cps
Barium	135-1	4510856	4524795	4462106	4499252	0.73	cps
Barium	137-1	7668735	7777583	7668714	7705011	0.82	cps
Beryllium	9-1	703066	707635	705005	705235	0.33	cps
Bismuth	209-1	6079965	5923377	5878980	5960774	1.77	cps
Bismuth	209-2	1806019	1823347	1789642	1806336	0.93	cps
Boron	10-1	73890	74712	75675	74759	1.19	cps
Boron	11-1	345063	356286	356546	352632	1.86	cps
Cadmium	111-1	911063	915287	919989	915446	0.49	cps
Cadmium	106-1	96041	98425	98106	97524	1.33	cps
Cadmium	108-1	66187	65848	65094	65710	0.85	cps
Calcium	43-1	5761741	5715575	5693155	5723490	0.61	cps
Calcium	44-1	93924260	93850946	94341192	94038799	0.28	cps
Chromium	52-2	470760	469130	471775	470555	0.28	cps
Cobalt	59-2	939619	934261	936342	936741	0.29	cps
Copper	63-2	1619859	1612876	1638669	1623801	0.82	cps
Dysprosium	156-1	108	125	108	114	8.45	cps
Dysprosium	156-2	3	3	13	7	86.65	cps
Erbium	164-1	42	108	67	72	46.63	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	83	75	67	75	11.11	cps
Gadolinium	160-2	3	17	10	10	66.70	cps
Holmium	165-1	10340970	10225716	9970589	10179091	1.86	cps
Holmium	165-2	2389277	2397481	2376620	2387793	0.44	cps
Indium	115-1	8269966	8239894	8174585	8228148	0.59	cps
Indium	115-2	366610	366864	364023	365833	0.43	cps
Iron	56-2	73313843	73513988	73322902	73383578	0.15	cps
Iron	57-2	1886702	1866894	1889363	1880986	0.65	cps
Krypton	83-1	357	377	393	376	4.89	cps
Lead	206-1	2562019	2510045	2470320	2514128	1.83	cps
Lead	207-1	2332011	2309388	2291714	2311038	0.87	cps
Lead	208-1	10432237	10279316	10211176	10307576	1.10	cps
Lithium	6-1	1888416	1923385	1879771	1897191	1.22	cps
Magnesium	24-2	8194316	8104425	8188319	8162353	0.62	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:59:25	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	246490	247345	247059	246965	0.18	cps
Molybdenum	94-1	7678607	7531567	7640620	7616932	1.00	cps
Molybdenum	95-1	9384510	9325747	9456705	9388988	0.70	cps
Molybdenum	96-1	10393559	10350750	10378446	10374252	0.21	cps
Molybdenum	97-1	5888399	5906745	5930190	5908445	0.35	cps
Molybdenum	98-1	14996908	14891730	15073271	14987303	0.61	cps
Neodymium	150-1	247	213	207	222	9.64	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	279077	280223	277680	278993	0.46	cps
Phosphorus	31-2	4884	4609	4784	4759	2.93	cps
Potassium	39-2	2271553	2283728	2236937	2264072	1.07	cps
Rhodium	103-1	7848360	7729098	7849777	7809078	0.89	cps
Rhodium	103-2	2166401	2174788	2153850	2165013	0.49	cps
Scandium	45-1	5756709	5778746	5634813	5723422	1.35	cps
Scandium	45-2	44738	45243	44661	44880	0.70	cps
Selenium	77-2	350	327	313	330	5.62	cps
Selenium	78-2	1189	1193	1215	1199	1.17	cps
Selenium	82-1	59851	59250	60958	60020	1.44	cps
Silicon	28-1	2483187	2490326	2545498	2506337	1.36	cps
Silver	109-1	4368218	4327108	4295181	4330169	0.85	cps
Silver	107-1	4564264	4580396	4531752	4558804	0.54	cps
Sodium	23-2	18972288	18875803	18904788	18917626	0.26	cps
Strontium	86-1	1201652	1199496	1210800	1203982	0.50	cps
Strontium	88-1	10198246	10262597	10393571	10284805	0.97	cps
Sulfur	34-1	792389	792156	785238	789928	0.51	cps
Terbium	159-1	10586482	10564333	10317683	10489499	1.42	cps
Terbium	159-2	2294341	2278002	2276860	2283068	0.43	cps
Thallium	203-1	3174633	3170052	3066939	3137208	1.94	cps
Thallium	205-1	7376113	7389349	7235486	7333649	1.16	cps
Tin	118-1	2791480	2809933	2778311	2793241	0.57	cps
Titanium	47-1	2766745	2770092	2756069	2764302	0.26	cps
Uranium	238-1	9620984	9487283	9365127	9491131	1.35	cps
Vanadium	51-2	335902	335933	337470	336435	0.27	cps
Yttrium	89-1	9196038	9062011	9191430	9149826	0.83	cps
Yttrium	89-2	283982	286675	284393	285016	0.51	cps
Zinc	66-2	140243	138173	138984	139133	0.75	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 15:59:25	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6435853	6341465	6394872	6390730	0.74	cps
Zirconium	91-1	1437947	1420435	1449488	1435957	1.02	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2018-06-19 16:05:03	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	58	28	96.44	cps
Antimony	121-1	3909	3476	3126	3503	11.20	cps
Arsenic	75-2	6	6	13	8	53.23	cps
Barium	135-1	75	50	42	56	31.22	cps
Barium	137-1	142	108	75	108	30.77	cps
Beryllium	9-1	78	194	83	119	55.53	cps
Bismuth	209-1	6244927	5889882	6306827	6147212	3.66	cps
Bismuth	209-2	1903684	1950230	1898064	1917326	1.49	cps
Boron	10-1	1550	1225	1550	1442	13.02	cps
Boron	11-1	7277	6752	7085	7038	3.78	cps
Cadmium	111-1	1250	1261	1345	1286	4.04	cps
Cadmium	106-1	1767	1809	1900	1825	3.74	cps
Cadmium	108-1	17	13	8	13	33.36	cps
Calcium	43-1	917	1025	925	956	6.31	cps
Calcium	44-1	25983	26242	25950	26058	0.61	cps
Chromium	52-2	653	653	700	669	4.03	cps
Cobalt	59-2	60	47	40	49	20.83	cps
Copper	63-2	287	333	350	323	10.15	cps
Dysprosium	156-1	17	25	50	31	56.77	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	50	33	44	21.66	cps
Erbium	164-2	0	0	13	4	173.21	cps
Gadolinium	160-1	117	100	83	100	16.66	cps
Gadolinium	160-2	17	7	7	10	57.72	cps
Holmium	165-1	10021341	9420485	10089223	9843683	3.74	cps
Holmium	165-2	2361895	2397195	2373886	2377659	0.75	cps
Indium	115-1	8521750	7996203	8513066	8343673	3.61	cps
Indium	115-2	372489	373980	371814	372761	0.30	cps
Iron	56-2	2900	2600	2700	2734	5.59	cps
Iron	57-2	133	133	89	119	21.65	cps
Krypton	83-1	297	347	420	354	17.50	cps
Lead	206-1	311	339	361	337	7.43	cps
Lead	207-1	317	278	361	319	13.09	cps
Lead	208-1	1272	1345	1433	1350	5.98	cps
Lithium	6-1	1921437	1821598	1929153	1890729	3.17	cps
Magnesium	24-2	158	250	167	192	26.45	cps

LB Number :	LB96124	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	30	30	32	11.95	cps
Molybdenum	94-1	1759	1592	1375	1575	12.20	cps
Molybdenum	95-1	1217	1292	1000	1170	12.95	cps
Molybdenum	96-1	1784	1625	1567	1659	6.76	cps
Molybdenum	97-1	850	892	667	803	14.91	cps
Molybdenum	98-1	2067	1942	1775	1928	7.59	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	33	50	77	53	40.99	cps
Phosphorus	31-2	8	33	0	14	124.92	cps
Potassium	39-2	3150	3351	2967	3156	6.08	cps
Rhodium	103-1	8174155	7680260	8088745	7981053	3.31	cps
Rhodium	103-2	2290585	2316951	2293783	2300440	0.63	cps
Scandium	45-1	5712373	5438172	5743850	5631465	2.99	cps
Scandium	45-2	43357	43029	43440	43276	0.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	22	-13	-74	-22	-221.80	cps
Silicon	28-1	395343	396918	386125	392795	1.48	cps
Silver	109-1	300	242	208	250	18.56	cps
Silver	107-1	275	233	158	222	26.61	cps
Sodium	23-2	10679	11664	11272	11205	4.42	cps
Strontium	86-1	550	450	675	558	20.19	cps
Strontium	88-1	150	200	175	175	14.28	cps
Sulfur	34-1	446872	447040	445055	446322	0.25	cps
Terbium	159-1	10385978	9816654	10419894	10207508	3.32	cps
Terbium	159-2	2251237	2290272	2254862	2265457	0.95	cps
Thallium	203-1	775	758	692	742	5.95	cps
Thallium	205-1	1775	1725	1700	1734	2.20	cps
Tin	118-1	1692	2084	1859	1878	10.47	cps
Titanium	47-1	350	200	233	261	30.16	cps
Uranium	238-1	150	175	83	136	34.81	cps
Vanadium	51-2	27	7	10	14	74.18	cps
Yttrium	89-1	9171959	8540583	9045005	8919182	3.74	cps
Yttrium	89-2	282709	283153	281142	282335	0.37	cps
Zinc	66-2	47	50	57	51	9.96	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2234	2250	2034	2172	5.55	cps
Zirconium	91-1	400	542	450	464	15.49	cps