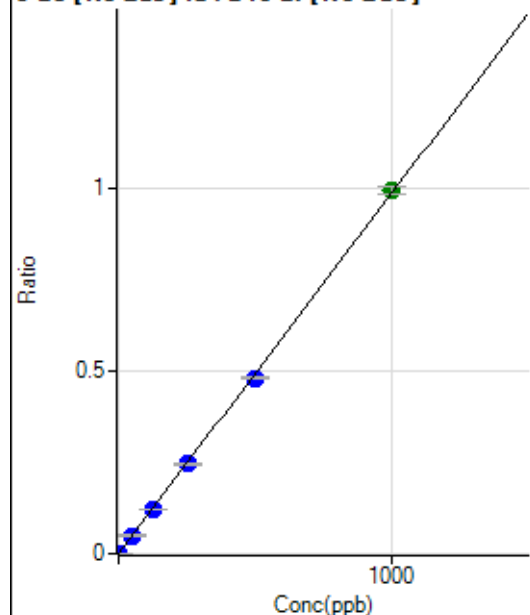


Batch Folder: D:\P8102518-MS.b\
Analysis File: P8102518-MS.batch.bin
DA Date-Time: 2018-10-29 13:50:29
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-10-25 18:31:14
2			
3	005CALS.d	S02	2018-10-25 18:37:57
4	006CALS.d	S03	2018-10-25 18:42:01
5	007CALS.d	S04	2018-10-25 18:45:46
6	008CALS.d	S05	2018-10-25 18:49:24
7	009CALS.d	S06	2018-10-25 18:52:55
8	010CALS.d	S07	2018-10-25 18:56:22
9	011CALS.d	S08	2018-10-25 18:59:43

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0001	P	20.2
2	☐	0.100					
3	☐	1.000	0.987	1694.59	0.0010	P	6.0
4	☐	50.000	50.294	80982.72	0.0496	P	1.5
5	☐	125.000	122.954	201154.49	0.1211	P	1.4
6	☐	250.000	249.273	395949.60	0.2456	P	1.0
7	☐	500.000	486.965	787532.30	0.4797	P	0.9
8	☐	1000.000	1006.940	1574691.43	0.9918	A	2.1
9	☐			383.35	0.0002	P	14.3

$$y = 9.8490\text{E-}004 * x + 5.1209\text{E-}005$$

$$R = 0.9999$$

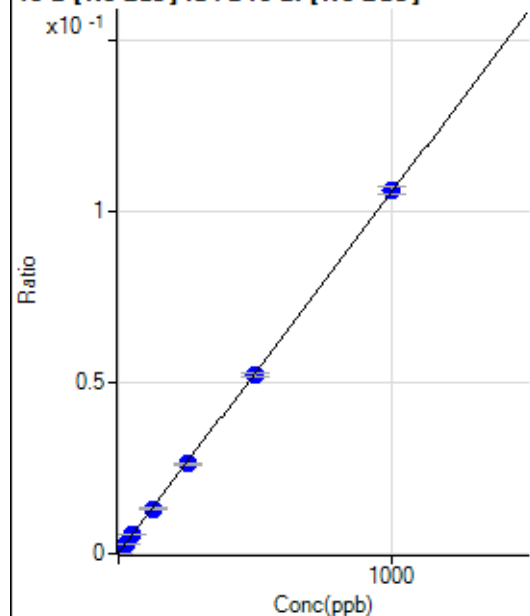
$$DL = 0.03149$$

$$BEC = 0.05199$$

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	330.58	0.0002	P	23.3
2	☐	2.500					
3	☐	25.000	23.757	4478.66	0.0027	P	11.6
4	☐	50.000	50.238	8997.65	0.0055	P	3.3
5	☐	125.000	123.201	21945.41	0.0132	P	2.4
6	☐	250.000	247.038	42391.40	0.0263	P	2.8
7	☐	500.000	495.234	86214.80	0.0525	P	2.5
8	☐	1000.000	1003.368	168561.95	0.1062	P	2.1
9	☐			8110.98	0.0052	P	11.1

$$y = 1.0561\text{E-}004 * x + 2.0302\text{E-}004$$

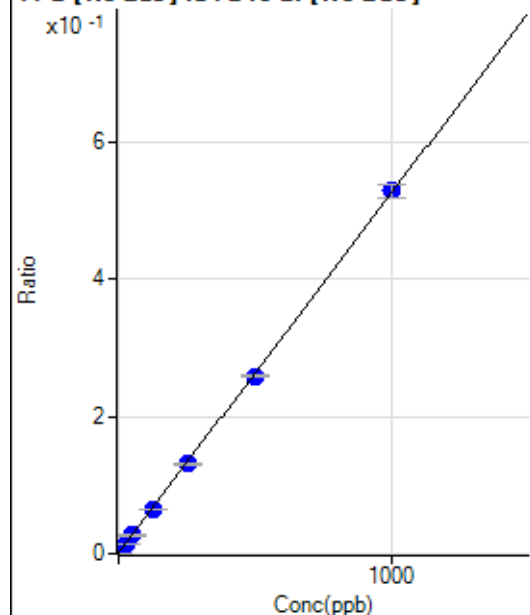
$$R = 1.0000$$

$$DL = 1.342$$

$$BEC = 1.922$$

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	1427.91	0.0009	P	17.1
2	☐	2.500					
3	☐	25.000	23.589	21936.89	0.0133	P	6.7
4	☐	50.000	49.434	43809.72	0.0268	P	2.1
5	☐	125.000	120.972	106882.80	0.0644	P	1.6
6	☐	250.000	246.613	210075.17	0.1303	P	2.2
7	☐	500.000	491.741	425179.51	0.2589	P	1.9
8	☐	1000.000	1005.543	839122.15	0.5286	P	3.8
9	☐			40603.33	0.0259	P	11.0

$$y = 5.2477\text{E-}004 * x + 8.7727\text{E-}004$$

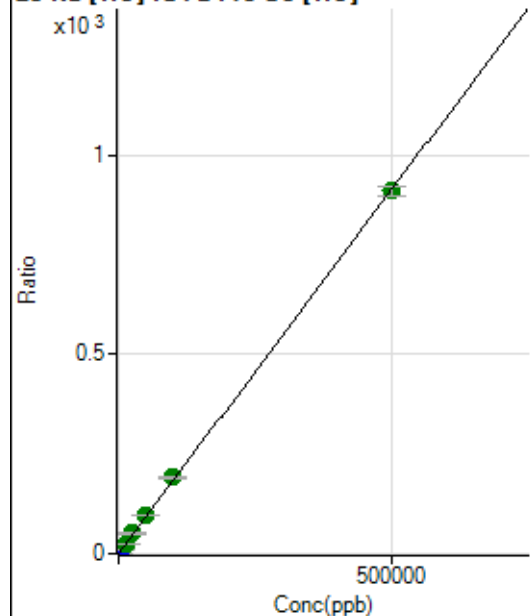
$$R = 0.9999$$

$$DL = 0.8561$$

$$BEC = 1.672$$

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	8466.72	0.1746	P	2.5
2	☐	50.000					
3	☐	500.000	551.633	56839.42	1.1823	P	5.8
4	☐	5000.000	5425.586	489204.97	10.0858	P	0.3
5	☐	12500.000	13875.474	1217043.92	25.5216	A	1.8
6	☐	25000.000	28181.375	2381758.97	51.6548	A	3.8
7	☐	50000.000	53521.240	4739055.96	97.9442	A	1.7
8	☐	100000.00	104742.07	9302139.96	191.5115	A	1.8
9	☐	500000.00	498501.69	45182906.22	910.8093	A	2.5

$$y = 0.0018 * x + 0.1746$$

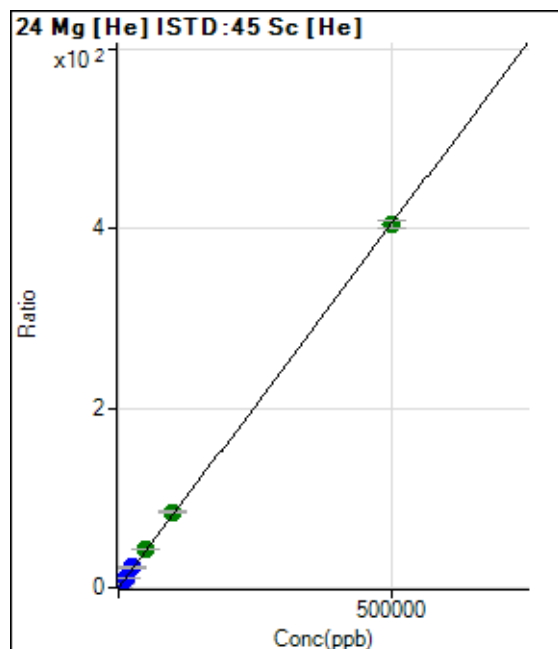
$$R = 0.9999$$

$$DL = 7.117$$

$$BEC = 95.6$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	205.57	0.0042	P	15.8
2	☐	50.000					
3	☐	500.000	552.948	21786.86	0.4529	P	3.2
4	☐	5000.000	5411.823	213189.58	4.3952	P	0.3
5	☐	12500.000	13630.534	527609.57	11.0637	P	1.5
6	☐	25000.000	27890.662	1043481.99	22.6339	P	4.5
7	☐	50000.000	53519.620	2101382.91	43.4285	A	1.0
8	☐	100000.00	104247.96	4108780.52	84.5881	A	1.4
9	☐	500000.00	498621.47	20070698.37	404.5714	A	2.2

$$y = 8.1137\text{E-}004 * x + 0.0042$$

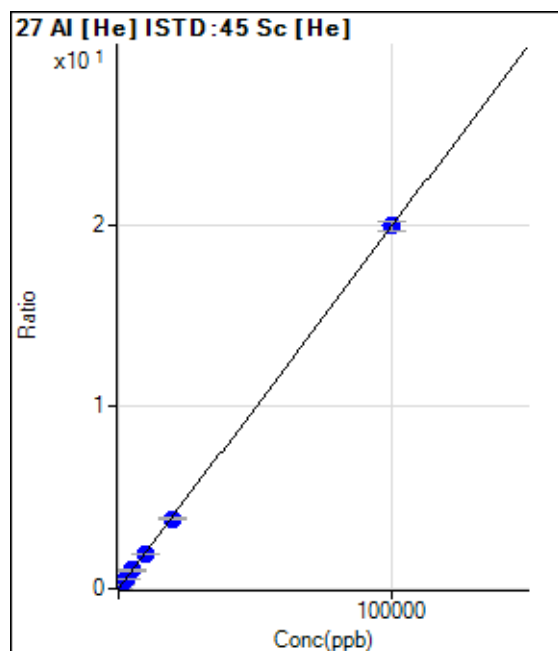
$$R = 0.9999$$

$$DL = 2.472$$

$$BEC = 5.222$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.68	0.0008	P	31.3
2	☐	2.000					
3	☐	20.000	23.175	258.40	0.0054	P	10.7
4	☐	1000.000	999.076	9690.83	0.1998	P	2.2
5	☐	2500.000	2494.362	23738.26	0.4977	P	0.4
6	☐	5000.000	5057.373	46481.27	1.0083	P	4.7
7	☐	10000.000	9753.986	94067.46	1.9440	P	0.3
8	☐	20000.000	19212.444	185948.86	3.8283	P	1.9
9	☐	100000.00	100179.39	990105.85	19.9589	P	2.5

$$y = 1.9922\text{E-}004 * x + 7.5623\text{E-}004$$

$$R = 1.0000$$

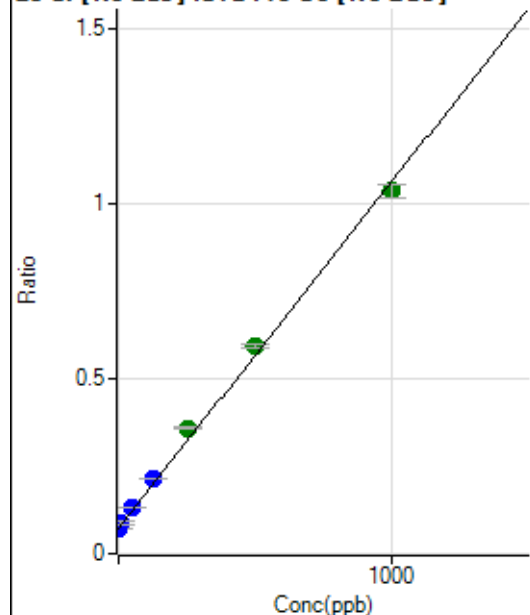
$$DL = 3.569$$

$$BEC = 3.796$$

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	321350.85	0.0725	P	0.7
2	☐	1.000					
3	☐	10.000	15.266	394486.75	0.0876	P	8.4
4	☐	50.000	59.975	585757.52	0.1318	P	1.1
5	☐	125.000	144.298	969981.53	0.2151	P	0.3
6	☐	250.000	288.005	1571136.75	0.3570	A	1.4
7	☐	500.000	526.804	2680009.07	0.5929	A	1.3
8	☐	1000.000	974.133	4657663.86	1.0348	A	3.5
9	☐			467655.89	0.1041	P	0.9

$$y = 9.8785E-004 * x + 0.0725$$

$$R = 0.9987$$

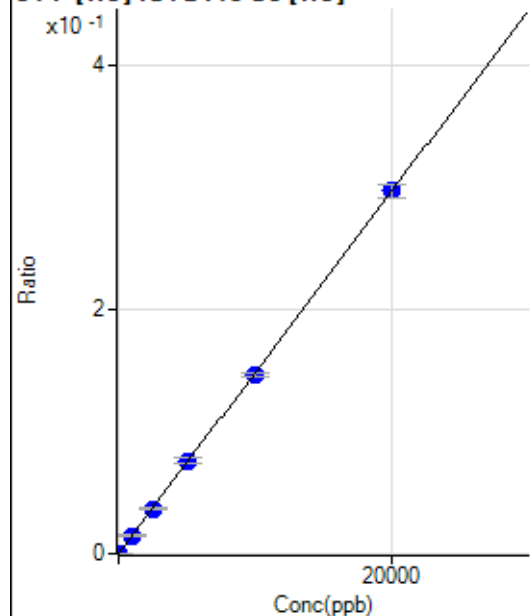
$$DL = 1.605$$

$$BEC = 73.4$$

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	1.868	8.33	0.0002	P	100.7
2	☐	0.000					
3	☐	0.000	-1.868	5.55	0.0001	P	86.7
4	☐	1000.000	954.848	694.50	0.0143	P	11.8
5	☐	2500.000	2474.148	1758.52	0.0369	P	2.4
6	☐	5000.000	5125.371	3514.47	0.0762	P	5.5
7	☐	10000.000	9882.934	7104.89	0.1468	P	2.7
8	☐	20000.000	20032.679	14444.03	0.2974	P	4.0
9	☐			16.66	0.0003	P	88.7

$$y = 1.4840E-005 * x + 1.4489E-004$$

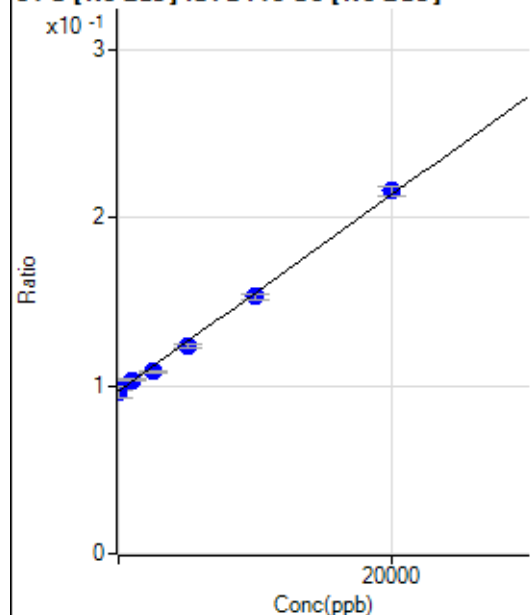
$$R = 0.9999$$

$$DL = 27.84$$

$$BEC = 9.763$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	74.941	431246.99	0.0973	P	0.4
2	☐	0.000					
3	☐	0.000	-74.941	434460.44	0.0964	P	7.7
4	☐	1000.000	1121.940	459813.73	0.1034	P	1.7
5	☐	2500.000	1973.741	488981.78	0.1084	P	0.9
6	☐	5000.000	4601.682	544785.79	0.1238	P	1.2
7	☐	10000.000	9576.793	691100.77	0.1529	P	1.8
8	☐	20000.000	20370.868	972680.16	0.2161	P	2.8
9	☐			370981.27	0.0825	P	0.5

$$y = 5.8517\text{E-}006 * x + 0.0969$$

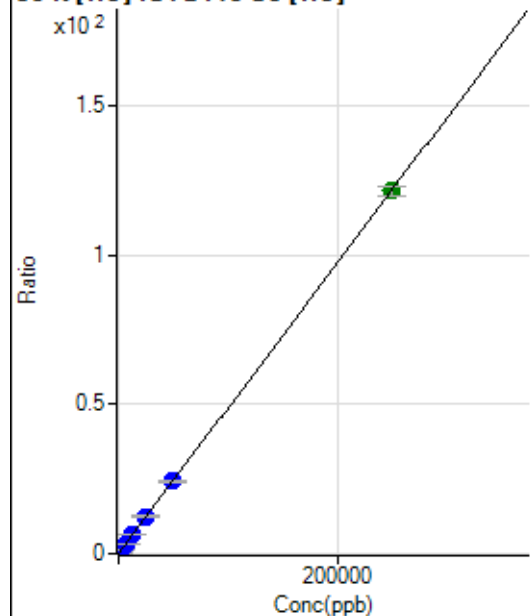
$$R = 0.9991$$

$$DL = 1998$$

$$BEC = 1.655\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3636.76	0.0750	P	3.8
2	☐	50.000					
3	☐	500.000	523.003	15840.02	0.3293	P	4.0
4	☐	2500.000	2591.949	64777.41	1.3355	P	0.2
5	☐	6250.000	6401.369	152040.60	3.1880	P	1.0
6	☐	12500.000	13161.951	298576.04	6.4758	P	4.1
7	☐	25000.000	25553.181	604904.29	12.5017	P	1.4
8	☐	50000.000	49871.736	1181667.94	24.3280	P	1.7
9	☐	250000.00	249932.48	6033150.26	121.6189	A	2.5

$$y = 4.8631\text{E-}004 * x + 0.0750$$

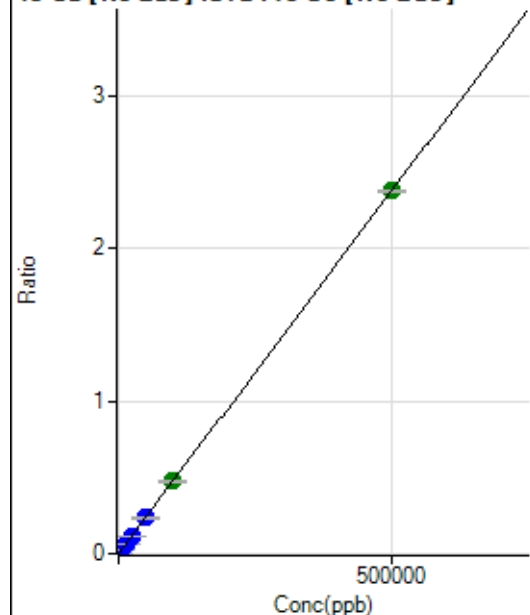
$$R = 1.0000$$

$$DL = 17.79$$

$$BEC = 154.2$$

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	513.92	0.0001	P	12.5
2	☐	50.000					
3	☐	500.000	504.777	11324.48	0.0025	P	8.6
4	☐	5000.000	5000.264	106132.25	0.0239	P	0.9
5	☐	12500.000	12264.697	263337.98	0.0584	P	1.0
6	☐	25000.000	24961.982	522406.49	0.1187	P	0.9
7	☐	50000.000	49219.816	1057465.39	0.2339	P	1.2
8	☐	100000.00	99486.639	2128157.06	0.4728	A	2.9
9	☐	500000.00	500188.46	10679291.64	2.3764	A	0.9

$$y = 4.7508\text{E-}006 * x + 1.1597\text{E-}004$$

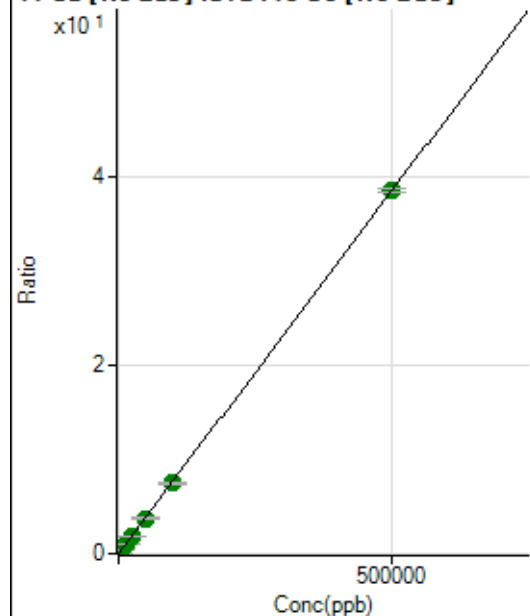
$$R = 1.0000$$

$$DL = 9.135$$

$$BEC = 24.41$$

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	27678.30	0.0062	P	1.4
2	☐	50.000					
3	☐	500.000	472.547	191880.70	0.0426	P	8.3
4	☐	5000.000	5082.647	1766247.04	0.3973	A	1.5
5	☐	12500.000	12243.358	4276905.82	0.9482	A	0.2
6	☐	25000.000	24762.562	8412069.55	1.9114	A	0.7
7	☐	50000.000	48711.273	16967006.46	3.7540	A	1.9
8	☐	100000.00	97653.301	33847792.42	7.5194	A	3.1
9	☐	500000.00	500615.70	173111114.9	38.5223	A	1.2

$$y = 7.6937\text{E-}005 * x + 0.0062$$

$$R = 1.0000$$

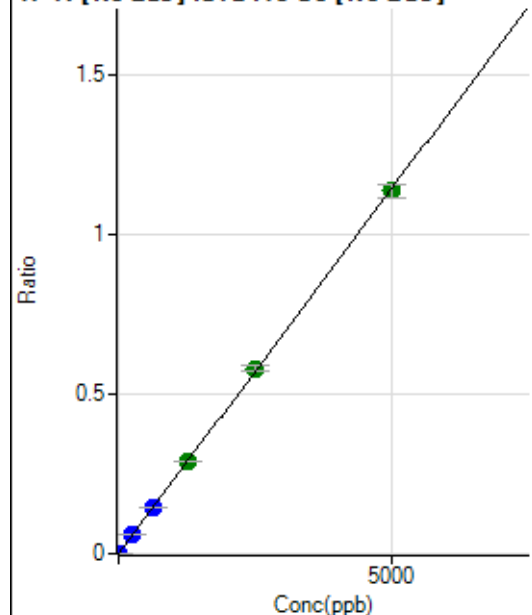
$$DL = 3.443$$

$$BEC = 81.17$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	19.1
2	☐	0.500					
3	☐	5.000	5.015	5270.64	0.0012	P	13.5
4	☐	250.000	252.559	257015.72	0.0578	P	0.2
5	☐	625.000	624.658	644699.24	0.1429	P	0.6
6	☐	1250.000	1275.331	1284242.03	0.2918	A	0.1
7	☐	2500.000	2539.490	2625910.56	0.5810	A	2.5
8	☐	5000.000	4973.837	5122042.61	1.1379	A	3.4
9	☐			1527.93	0.0003	P	11.5

$$y = 2.2878\text{E-}004 * x + 2.6332\text{E-}005$$

$$R = 0.9999$$

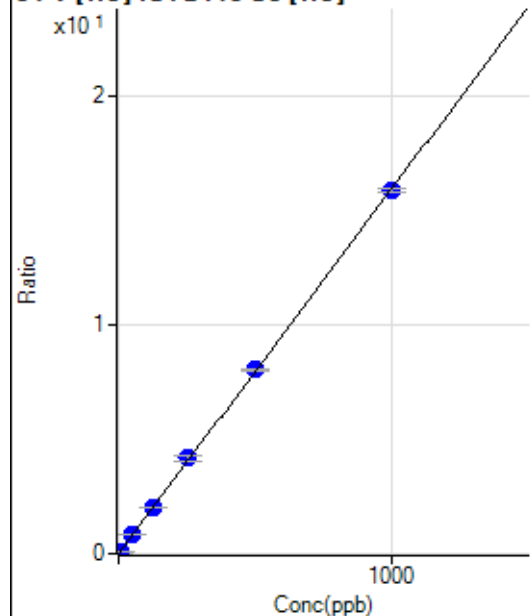
$$DL = 0.06584$$

$$BEC = 0.1151$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0002	P	62.6
2	☐	0.500					
3	☐	5.000	4.922	3777.24	0.0785	P	4.2
4	☐	50.000	50.436	38931.97	0.8026	P	0.8
5	☐	125.000	126.603	96058.52	2.0144	P	1.9
6	☐	250.000	261.085	191508.30	4.1539	P	4.3
7	☐	500.000	503.766	387792.43	8.0148	P	1.7
8	☐	1000.000	995.124	769033.52	15.8319	P	1.2
9	☐			330.01	0.0067	P	5.2

$$y = 0.0159 * x + 2.2977\text{E-}004$$

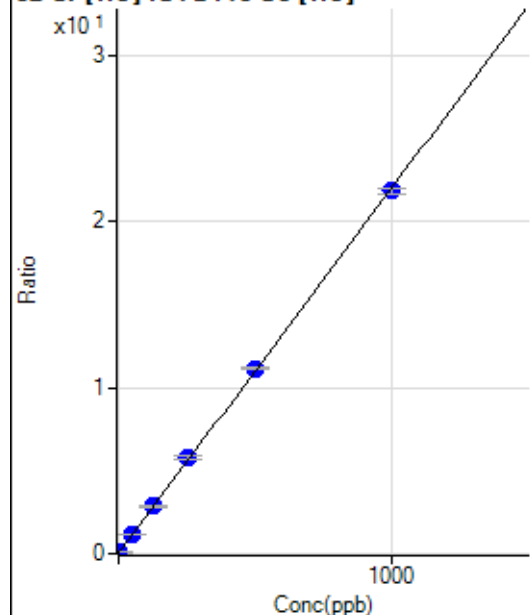
$$R = 0.9999$$

$$DL = 0.02712$$

$$BEC = 0.01444$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	930.05	0.0192	P	6.0
2	☐	0.200					
3	☐	2.000	2.186	3230.44	0.0672	P	6.4
4	☐	50.000	51.156	55421.54	1.1426	P	1.0
5	☐	125.000	128.326	135307.16	2.8373	P	1.5
6	☐	250.000	262.959	267116.91	5.7940	P	4.4
7	☐	500.000	506.522	539151.83	11.1428	P	1.4
8	☐	1000.000	993.025	1060218.36	21.8268	P	1.4
9	☐			48962.12	0.9871	P	3.3

$$y = 0.0220 * x + 0.0192$$

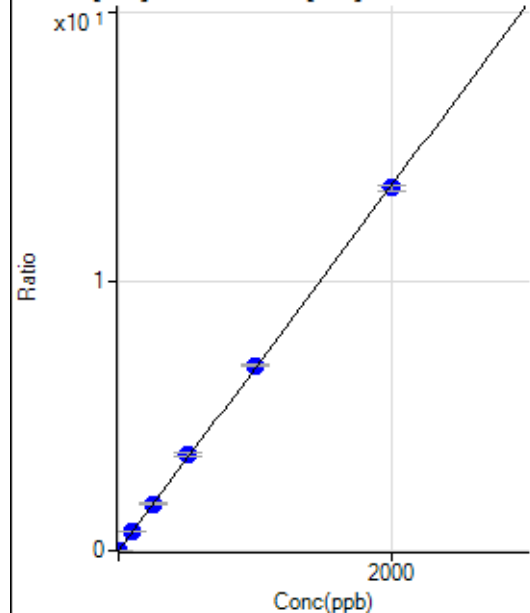
$$R = 0.9999$$

$$DL = 0.1573$$

$$BEC = 0.8738$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	40.00	0.0008	P	29.4
2	☐	0.100					
3	☐	1.000	1.086	394.46	0.0082	P	8.1
4	☐	100.000	102.917	33867.79	0.6983	P	2.0
5	☐	250.000	256.127	82809.17	1.7365	P	2.1
6	☐	500.000	525.097	164120.81	3.5592	P	3.8
7	☐	1000.000	1012.189	331941.94	6.8601	P	1.2
8	☐	2000.000	1986.720	653980.99	13.4642	P	1.9
9	☐			4629.73	0.0933	P	3.5

$$y = 0.0068 * x + 8.2362E-004$$

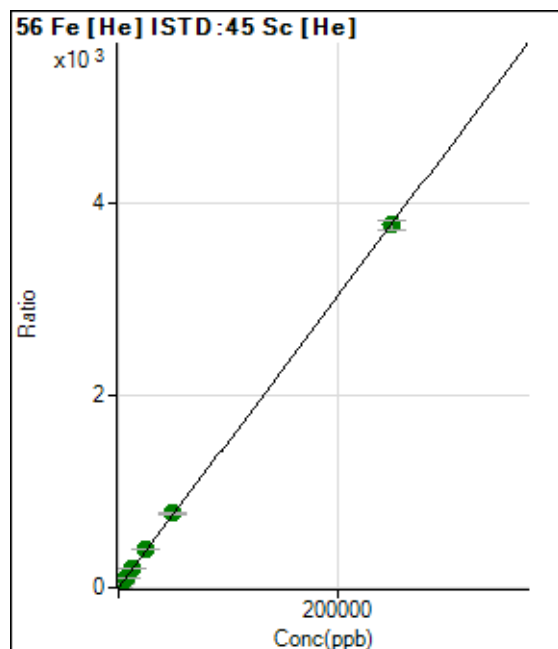
$$R = 0.9999$$

$$DL = 0.1074$$

$$BEC = 0.1215$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1764.98	0.0364	P	2.5
2	☐	5.000					
3	☐	50.000	54.319	41233.80	0.8570	P	2.0
4	☐	2500.000	2681.186	1966412.54	40.5412	A	1.5
5	☐	6250.000	6641.688	4786496.63	100.3727	A	1.7
6	☐	12500.000	13488.119	9395144.89	203.8021	A	4.6
7	☐	25000.000	26096.311	19077258.99	394.2746	A	1.4
8	☐	50000.000	51381.395	37705394.36	776.2576	A	1.8
9	☐	250000.00	249553.07	187011898.6	3,770.046	A	2.8

$$y = 0.0151 * x + 0.0364$$

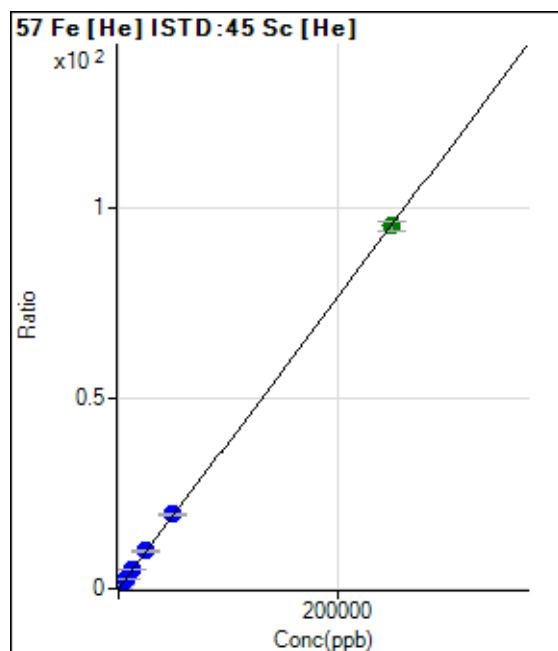
$$R = 1.0000$$

$$DL = 0.1826$$

$$BEC = 2.409$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	68.52	0.0014	P	12.0
2	☐	5.000					
3	☐	50.000	52.272	1025.99	0.0213	P	3.7
4	☐	2500.000	2639.942	48847.14	1.0071	P	1.1
5	☐	6250.000	6538.953	118859.72	2.4924	P	1.4
6	☐	12500.000	13483.018	236888.01	5.1377	P	3.9
7	☐	25000.000	25886.651	477233.03	9.8627	P	0.8
8	☐	50000.000	51099.379	945589.42	19.4673	P	1.6
9	☐	250000.00	249633.68	4717583.50	95.0974	A	2.5

$$y = 3.8094E-004 * x + 0.0014$$

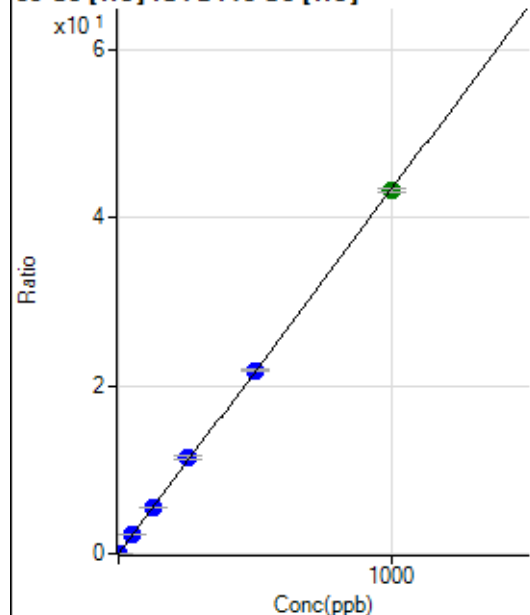
$$R = 1.0000$$

$$DL = 1.333$$

$$BEC = 3.708$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.00	0.0017	P	15.6
2	☐	0.100					
3	☐	1.000	1.041	2250.22	0.0468	P	5.1
4	☐	50.000	51.151	107632.62	2.2191	P	1.1
5	☐	125.000	128.095	264900.98	5.5546	P	1.1
6	☐	250.000	262.425	524654.70	11.3779	P	3.6
7	☐	500.000	502.420	1053931.02	21.7817	P	1.3
8	☐	1000.000	995.239	2095832.08	43.1456	A	1.2
9	☐			25796.26	0.5200	P	2.4

$$y = 0.0434 * x + 0.0017$$

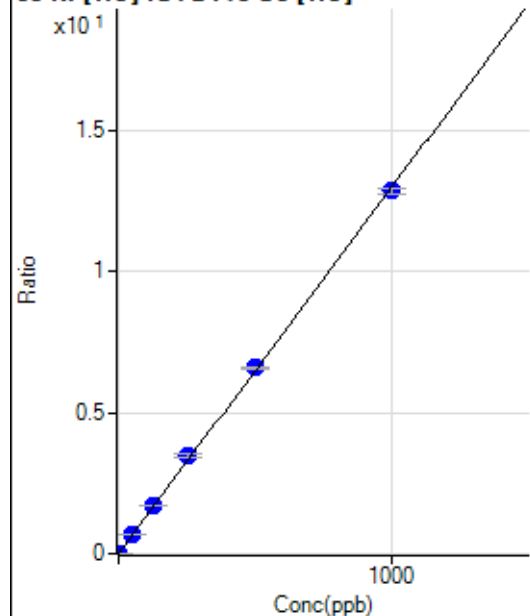
$$R = 0.9999$$

$$DL = 0.0178$$

$$BEC = 0.03809$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	48.89	0.0010	P	10.2
2	☐	0.100					
3	☐	1.000	1.061	710.03	0.0148	P	5.4
4	☐	50.000	51.593	32468.00	0.6694	P	0.9
5	☐	125.000	130.671	80781.72	1.6938	P	0.9
6	☐	250.000	266.513	159245.11	3.4537	P	3.8
7	☐	500.000	508.329	318695.26	6.5864	P	0.9
8	☐	1000.000	990.919	623580.62	12.8383	P	1.8
9	☐			24137.78	0.4866	P	3.1

$$y = 0.0130 * x + 0.0010$$

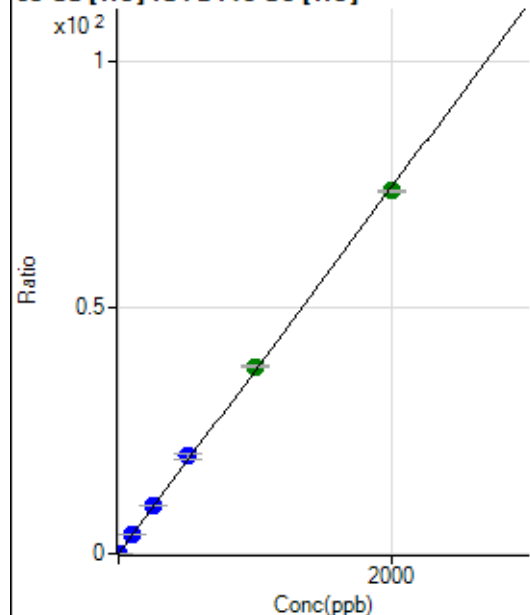
$$R = 0.9998$$

$$DL = 0.02385$$

$$BEC = 0.07782$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	537.79	0.0111	P	7.6
2	☐	0.200					
3	☐	2.000	2.160	4399.66	0.0915	P	5.3
4	☐	100.000	103.779	187931.86	3.8746	P	0.5
5	☐	250.000	259.591	461410.57	9.6751	P	1.1
6	☐	500.000	530.394	910875.13	19.7566	P	4.2
7	☐	1000.000	1021.223	1840081.52	38.0291	A	1.2
8	☐	2000.000	1980.402	3581943.11	73.7372	A	0.7
9	☐			8917.44	0.1798	P	4.6

$$y = 0.0372 * x + 0.0111$$

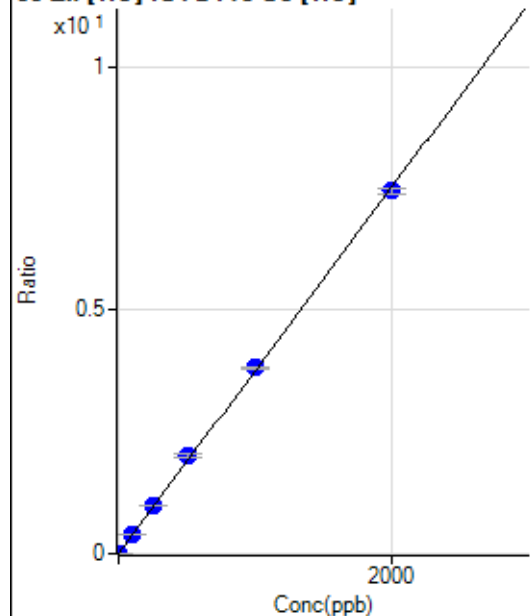
$$R = 0.9998$$

$$DL = 0.06799$$

$$BEC = 0.2981$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	90.01	0.0019	P	16.7
2	☐	0.200					
3	☐	2.000	2.391	521.13	0.0108	P	5.8
4	☐	100.000	103.306	18920.87	0.3901	P	1.6
5	☐	250.000	263.343	47287.14	0.9915	P	1.9
6	☐	500.000	531.799	92241.83	2.0004	P	3.7
7	☐	1000.000	1017.144	185054.76	3.8244	P	0.8
8	☐	2000.000	1981.645	361839.08	7.4491	P	1.3
9	☐			2898.12	0.0584	P	2.3

$$y = 0.0038 * x + 0.0019$$

$$R = 0.9998$$

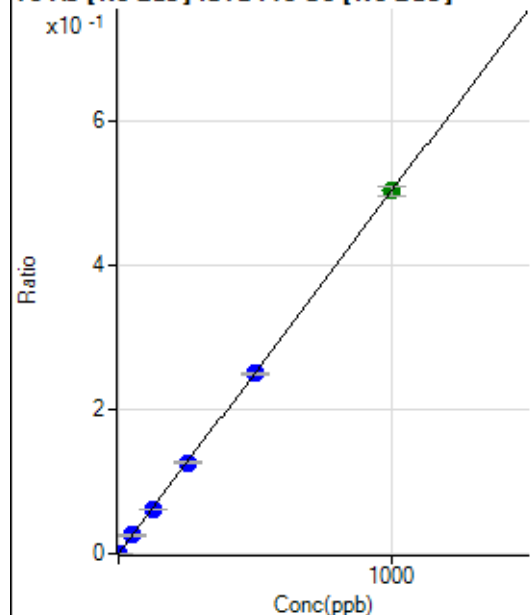
$$DL = 0.2478$$

$$BEC = 0.4938$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:45 Sc [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	467.55	0.0001	P	10.2
2	☐	0.100					
3	☐	1.000	1.039	2827.15	0.0006	P	5.7
4	☐	50.000	50.201	112389.52	0.0253	P	1.4
5	☐	125.000	123.323	279396.00	0.0619	P	0.5
6	☐	250.000	251.127	554647.10	0.1260	P	1.1
7	☐	500.000	497.954	1129145.60	0.2498	P	1.0
8	☐	1000.000	1000.940	2260008.13	0.5020	A	2.7
9	☐			4094.23	0.0009	P	2.5

$$y = 5.0144\text{E-}004 * x + 1.0551\text{E-}004$$

$$R = 1.0000$$

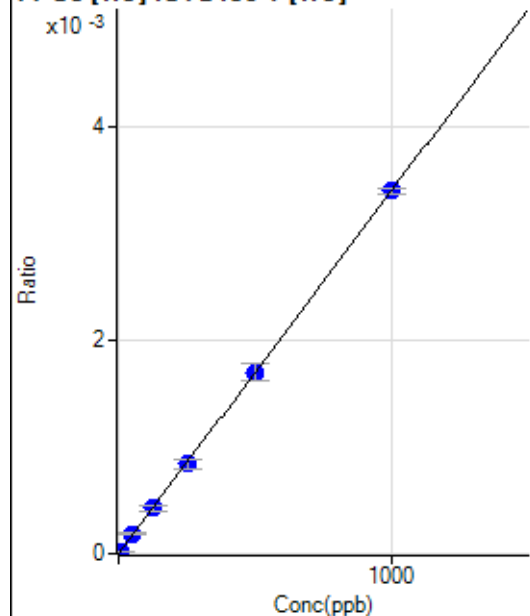
$$DL = 0.06419$$

$$BEC = 0.2104$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	5.225	5.56	0.0000	P	35.0
4	☐	50.000	55.545	58.89	0.0002	P	9.0
5	☐	125.000	125.247	131.12	0.0004	P	11.0
6	☐	250.000	248.013	253.34	0.0008	P	11.4
7	☐	500.000	500.770	536.69	0.0017	P	10.1
8	☐	1000.000	999.803	1064.51	0.0034	P	1.4
9	☐			0.00	0.0000	P	

$$y = 3.4010\text{E-}006 * x + 0.0000\text{E+}000$$

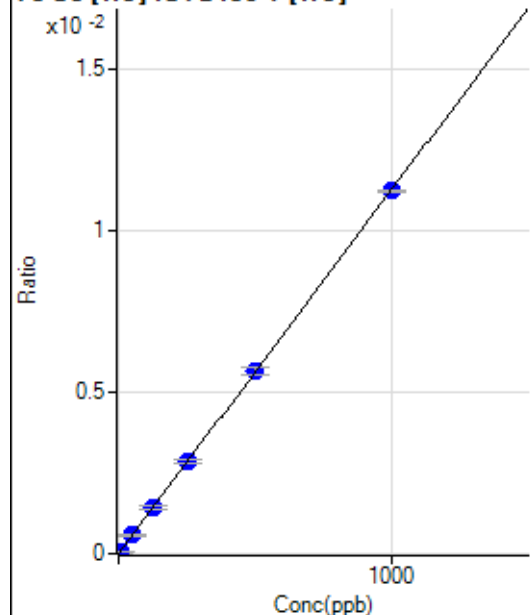
$$R = 1.0000$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.62	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	6.288	22.84	0.0001	P	39.5
4	☐	50.000	51.151	180.25	0.0006	P	6.2
5	☐	125.000	127.212	441.99	0.0014	P	6.8
6	☐	250.000	253.868	858.68	0.0029	P	2.8
7	☐	500.000	503.073	1786.56	0.0057	P	4.6
8	☐	1000.000	997.156	3515.91	0.0112	P	0.3
9	☐			8.02	0.0000	P	81.1

$$y = 1.1261\text{E-}005 * x + 1.9936\text{E-}006$$

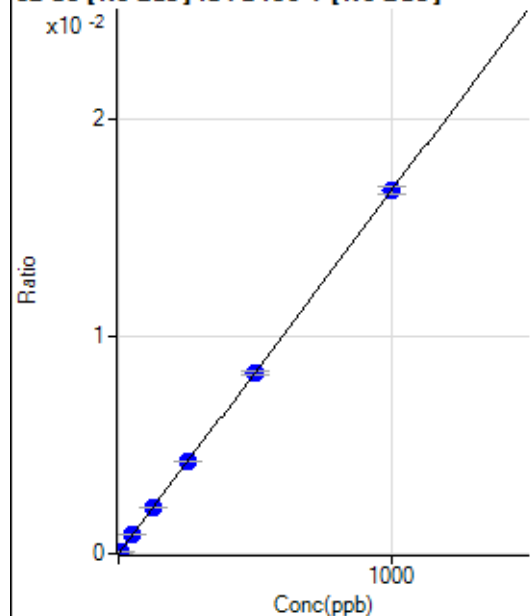
$$R = 1.0000$$

$$DL = 0.9199$$

$$BEC = 0.177$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-25.11	0.0000	P	-197.
2	☐	0.500					
3	☐	5.000	5.434	586.86	0.0001	P	7.0
4	☐	50.000	51.460	5729.78	0.0009	P	4.1
5	☐	125.000	127.479	14573.49	0.0021	P	1.3
6	☐	250.000	253.954	28703.84	0.0042	P	0.8
7	☐	500.000	497.686	58351.77	0.0083	P	1.4
8	☐	1000.000	999.783	115412.61	0.0167	P	2.0
9	☐			156.63	0.0000	P	18.8

$$y = 1.6716\text{E-}005 * x - 3.7924\text{E-}006$$

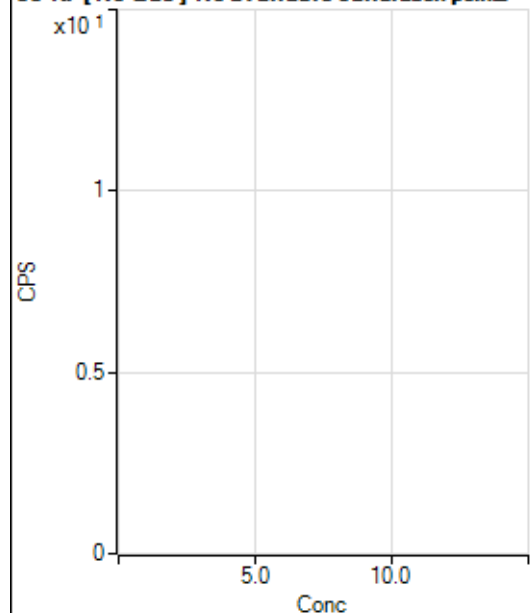
$$R = 1.0000$$

$$DL = 1.347$$

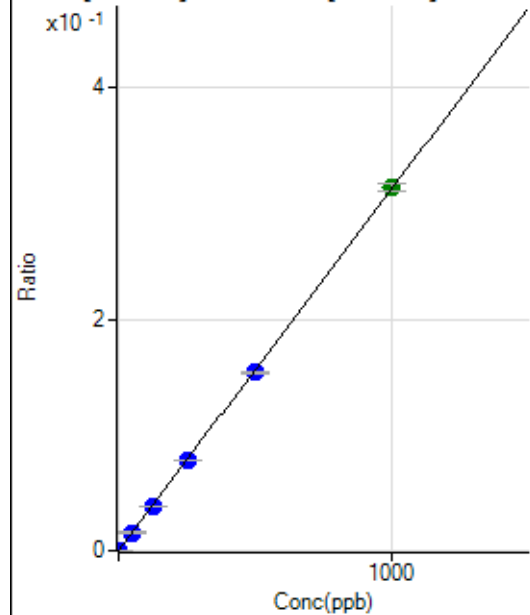
$$BEC = -0.2269$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			422.24		P	5.9
2	☐						
3	☐			411.13		P	1.7
4	☐			422.24		P	15.1
5	☐			410.01		P	12.9
6	☐			446.68		P	7.4
7	☐			412.24		P	4.0
8	☐			413.35		P	6.1
9	☐			402.23		P	6.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	597.26	0.0001	P	11.6
2	☐	0.100					
3	☐	1.000	1.015	2736.54	0.0004	P	10.6
4	☐	50.000	50.152	105399.58	0.0158	P	1.4
5	☐	125.000	124.081	266098.86	0.0388	P	0.9
6	☐	250.000	250.553	530127.47	0.0783	P	0.6
7	☐	500.000	492.902	1080758.59	0.1540	P	1.1
8	☐	1000.000	1003.518	2165233.82	0.3135	A	2.0
9	☐			10776.93	0.0016	P	4.7

$$y = 3.1228\text{E-}004 * x + 8.9723\text{E-}005$$

$$R = 1.0000$$

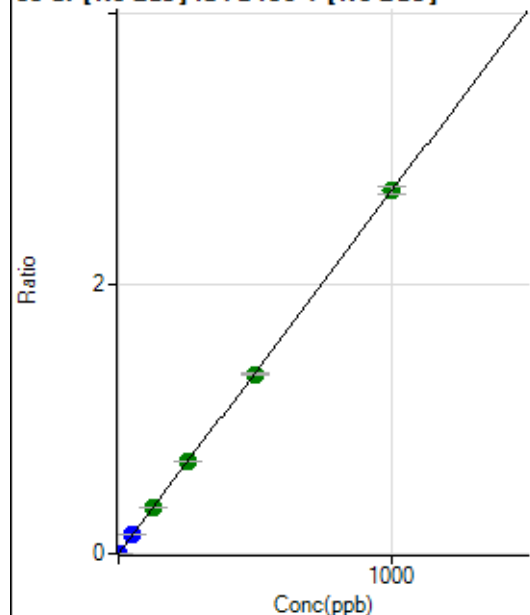
$$DL = 0.1003$$

$$BEC = 0.2873$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	319.46	0.0000	P	19.0
2	☐	0.100					
3	☐	1.000	1.012	18635.69	0.0028	P	9.1
4	☐	50.000	51.220	921230.92	0.1377	P	0.7
5	☐	125.000	127.441	2346196.97	0.3425	A	1.4
6	☐	250.000	254.616	4630099.67	0.6842	A	0.4
7	☐	500.000	495.211	9336601.68	1.3306	A	1.7
8	☐	1000.000	1000.874	18574696.08	2.6892	A	2.2
9	☐			88310.78	0.0129	P	1.5

$$y = 0.0027 * x + 4.7954E-005$$

$$R = 1.0000$$

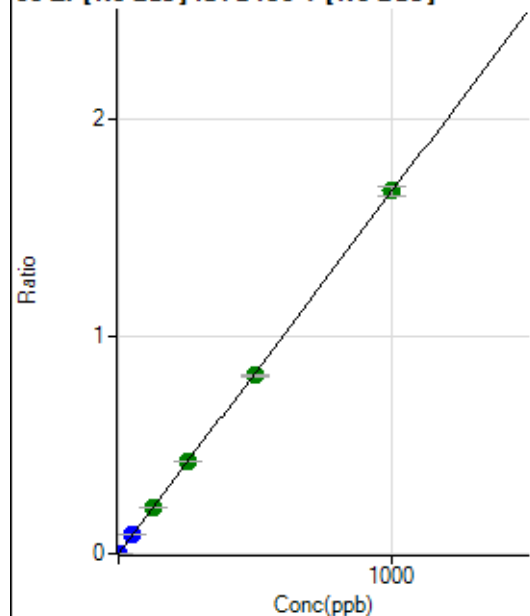
$$DL = 0.0102$$

$$BEC = 0.01785$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	522.26	0.0001	P	13.0
2	☐	0.100					
3	☐	1.000	1.033	12130.90	0.0018	P	9.1
4	☐	50.000	51.011	569762.88	0.0851	P	0.3
5	☐	125.000	125.968	1439705.29	0.2101	A	0.5
6	☐	250.000	256.054	2890197.16	0.4271	A	0.4
7	☐	500.000	492.142	5759326.00	0.8207	A	1.2
8	☐	1000.000	1002.244	11544083.24	1.6714	A	2.4
9	☐			5932.12	0.0009	P	8.7

$$y = 0.0017 * x + 7.8411E-005$$

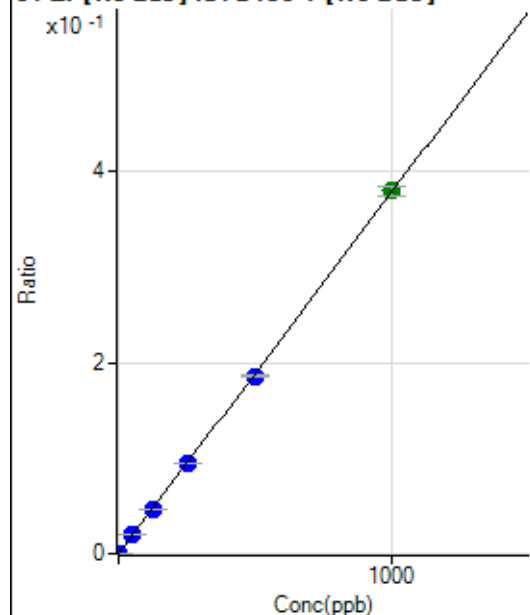
$$R = 0.9999$$

$$DL = 0.01837$$

$$BEC = 0.04702$$

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	138.90	0.0000	P	35.7
2	☐	0.100					
3	☐	1.000	1.022	2742.08	0.0004	P	9.5
4	☐	50.000	50.864	128813.80	0.0192	P	1.0
5	☐	125.000	123.890	321018.14	0.0469	P	1.2
6	☐	250.000	249.615	638768.33	0.0944	P	0.4
7	☐	500.000	491.110	1302935.66	0.1857	P	1.3
8	☐	1000.000	1004.637	2623277.99	0.3798	A	2.7
9	☐			1252.90	0.0002	P	7.3

$$y = 3.7804\text{E-}004 * x + 2.0902\text{E-}005$$

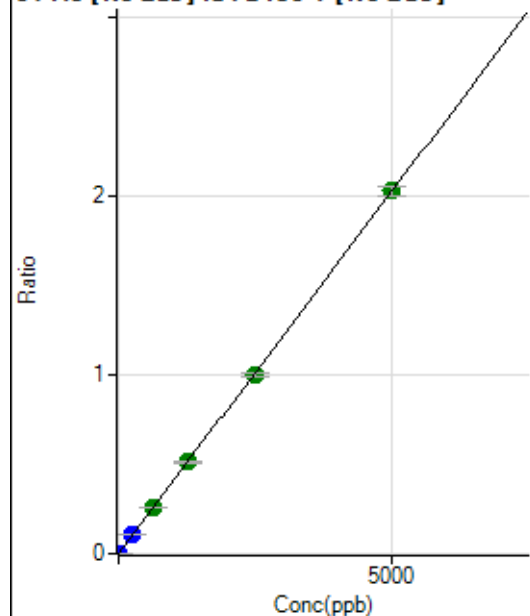
$$R = 0.9999$$

$$DL = 0.0592$$

$$BEC = 0.05529$$

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	275.02	0.0000	P	9.8
2	☐	0.500					
3	☐	5.000	4.898	13635.16	0.0020	P	10.0
4	☐	250.000	254.375	690047.39	0.1031	P	0.3
5	☐	625.000	628.195	1744238.91	0.2546	A	1.2
6	☐	1250.000	1264.596	3468171.95	0.5125	A	0.6
7	☐	2500.000	2466.203	7012608.66	0.9994	A	1.5
8	☐	5000.000	5012.632	14029456.39	2.0312	A	2.4
9	☐			18157.25	0.0027	P	1.6

$$y = 4.0521\text{E-}004 * x + 4.1335\text{E-}005$$

$$R = 1.0000$$

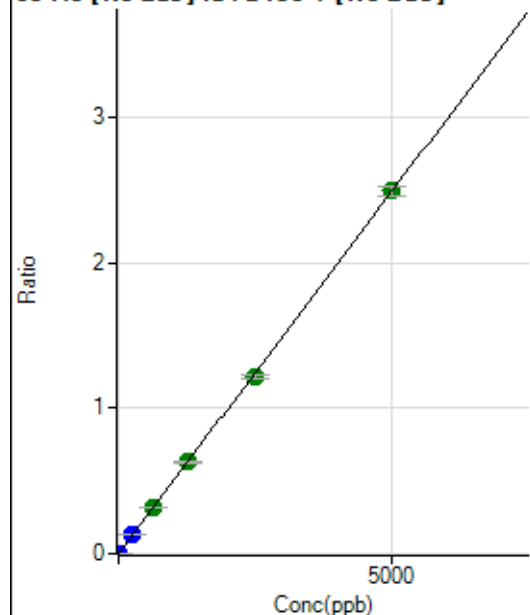
$$DL = 0.02992$$

$$BEC = 0.102$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	15.6
2	☐	0.500					
3	☐	5.000	4.943	16633.13	0.0025	P	6.6
4	☐	250.000	254.000	844572.14	0.1262	P	0.8
5	☐	625.000	630.805	2147269.08	0.3134	A	1.7
6	☐	1250.000	1267.078	4260561.59	0.6296	A	1.2
7	☐	2500.000	2458.249	8570186.22	1.2214	A	2.1
8	☐	5000.000	5015.681	17211604.90	2.4920	A	2.8
9	☐			28238.65	0.0041	P	1.9

$$y = 4.9685E-004 * x + 1.1676E-005$$

$$R = 0.9999$$

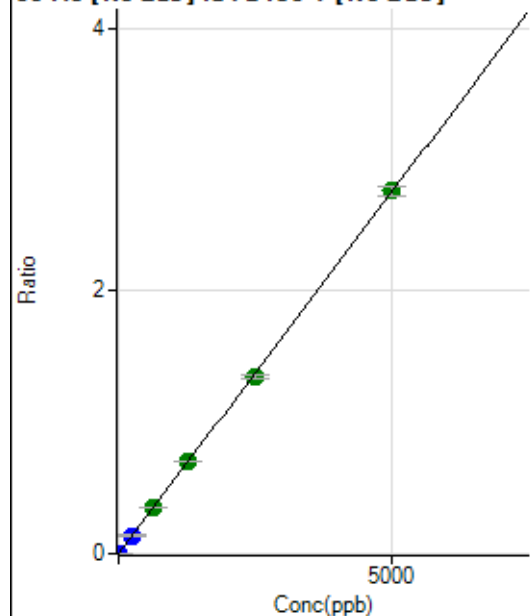
$$DL = 0.01102$$

$$BEC = 0.0235$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.12	0.0000	P	25.6
2	☐	0.500					
3	☐	5.000	5.034	18763.73	0.0028	P	8.4
4	☐	250.000	252.165	928064.47	0.1387	P	0.8
5	☐	625.000	630.208	2374472.17	0.3466	A	1.2
6	☐	1250.000	1270.402	4728108.70	0.6986	A	0.7
7	☐	2500.000	2449.608	9452768.27	1.3471	A	1.4
8	☐	5000.000	5019.336	19064663.10	2.7603	A	2.5
9	☐			30482.48	0.0045	P	1.8

$$y = 5.4992E-004 * x + 1.6673E-005$$

$$R = 0.9999$$

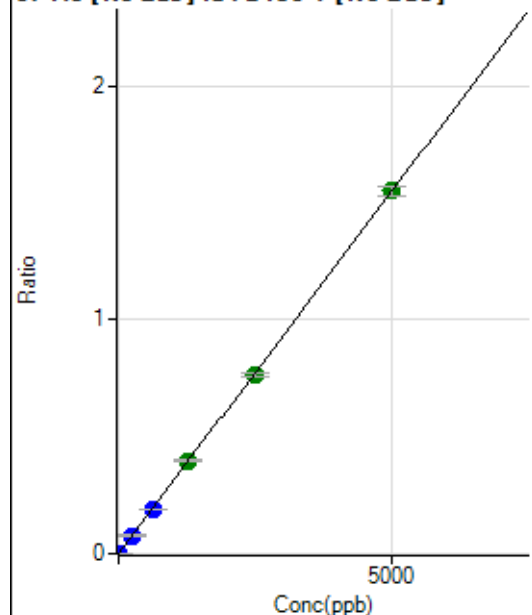
$$DL = 0.0233$$

$$BEC = 0.03032$$

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	75.00	0.0000	P	29.5
2	☐	0.500					
3	☐	5.000	4.955	10421.09	0.0015	P	6.8
4	☐	250.000	252.128	522720.64	0.0781	P	1.1
5	☐	625.000	619.270	1314392.22	0.1918	P	1.0
6	☐	1250.000	1283.138	2690186.74	0.3975	A	1.0
7	☐	2500.000	2464.905	5358193.48	0.7636	A	1.5
8	☐	5000.000	5009.873	10718735.39	1.5520	A	3.0
9	☐			17495.28	0.0026	P	4.5

$$y = 3.0978\text{E-}004 * x + 1.1269\text{E-}005$$

$$R = 0.9999$$

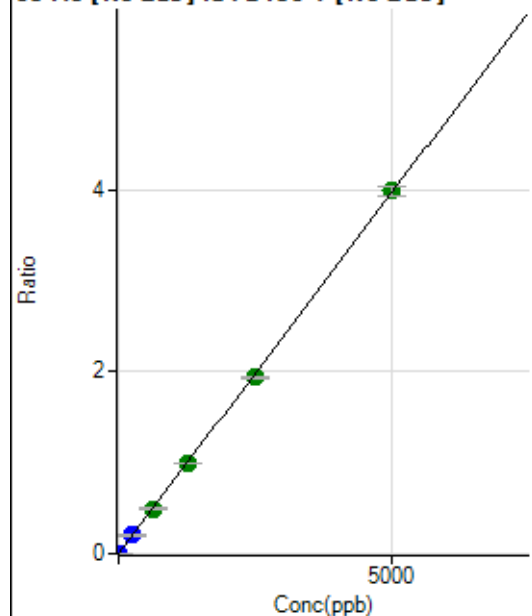
$$DL = 0.03217$$

$$BEC = 0.03638$$

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	141.68	0.0000	P	20.9
2	☐	0.500					
3	☐	5.000	5.071	27217.19	0.0040	P	9.1
4	☐	250.000	253.475	1345176.26	0.2010	P	0.7
5	☐	625.000	624.587	3393356.89	0.4953	A	1.1
6	☐	1250.000	1257.210	6747005.01	0.9969	A	0.5
7	☐	2500.000	2442.364	13590327.04	1.9367	A	1.3
8	☐	5000.000	5026.893	27531047.49	3.9862	A	2.8
9	☐			44270.80	0.0065	P	1.2

$$y = 7.9297\text{E-}004 * x + 2.1274\text{E-}005$$

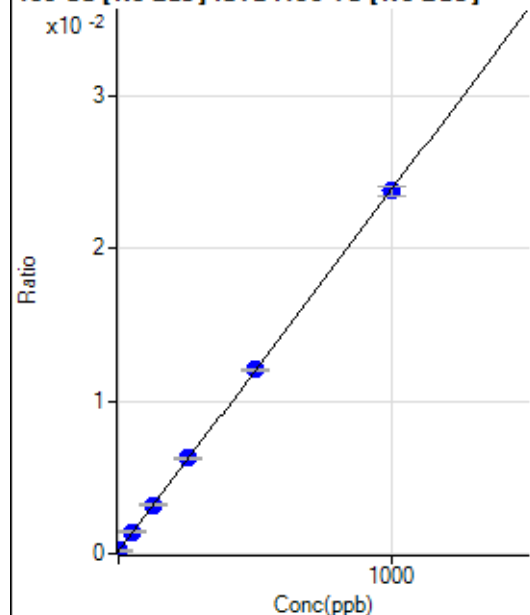
$$R = 0.9999$$

$$DL = 0.01685$$

$$BEC = 0.02683$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1183.45	0.0002	P	12.9
2	☐	0.100					
3	☐	1.000	1.250	1411.25	0.0002	P	9.8
4	☐	50.000	52.905	10115.34	0.0014	P	4.0
5	☐	125.000	128.201	23262.56	0.0032	P	1.2
6	☐	250.000	257.196	45107.09	0.0063	P	1.8
7	☐	500.000	501.530	90377.72	0.0121	P	1.9
8	☐	1000.000	996.891	175075.96	0.0238	P	2.8
9	☐			1183.44	0.0002	P	10.9

$$y = 2.3703\text{E-}005 * x + 1.6841\text{E-}004$$

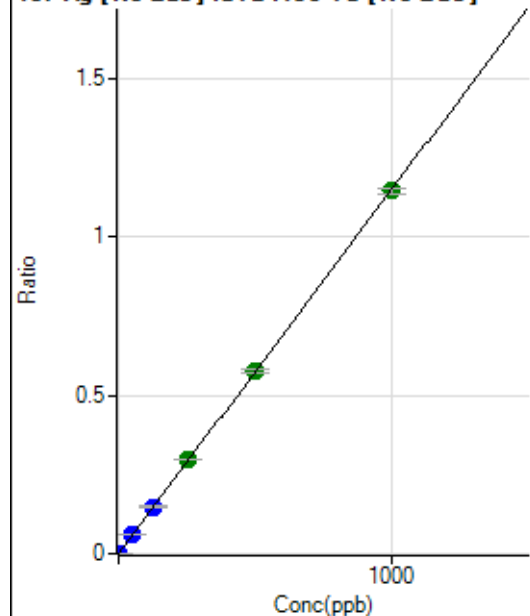
$$R = 1.0000$$

$$DL = 2.752$$

$$BEC = 7.105$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.56	0.0000	P	43.7
2	☐	0.100					
3	☐	1.000	1.028	8447.47	0.0012	P	8.0
4	☐	50.000	51.897	424264.42	0.0597	P	0.9
5	☐	125.000	129.214	1077233.04	0.1485	P	1.9
6	☐	250.000	259.864	2150702.85	0.2987	A	0.6
7	☐	500.000	500.338	4311116.59	0.5751	A	1.8
8	☐	1000.000	996.744	8428938.30	1.1457	A	1.9
9	☐			1197.34	0.0002	P	13.4

$$y = 0.0011 * x + 1.1485\text{E-}005$$

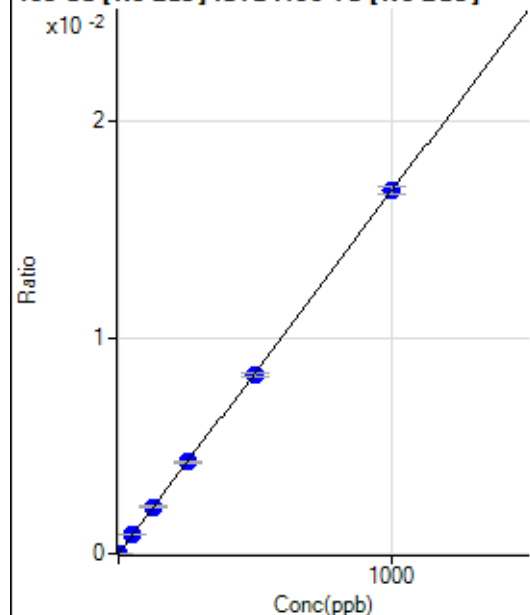
$$R = 0.9999$$

$$DL = 0.01311$$

$$BEC = 0.009992$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.33	0.0000	P	50.1
2	☐	0.100					
3	☐	1.000	1.032	130.56	0.0000	P	14.4
4	☐	50.000	51.741	6175.18	0.0009	P	3.2
5	☐	125.000	129.366	15735.83	0.0022	P	1.4
6	☐	250.000	252.922	30532.03	0.0042	P	2.1
7	☐	500.000	495.424	62257.19	0.0083	P	2.0
8	☐	1000.000	1000.925	123440.49	0.0168	P	2.1
9	☐			37.50	0.0000	P	29.5

$$y = 1.6762\text{E-}005 * x + 1.1866\text{E-}006$$

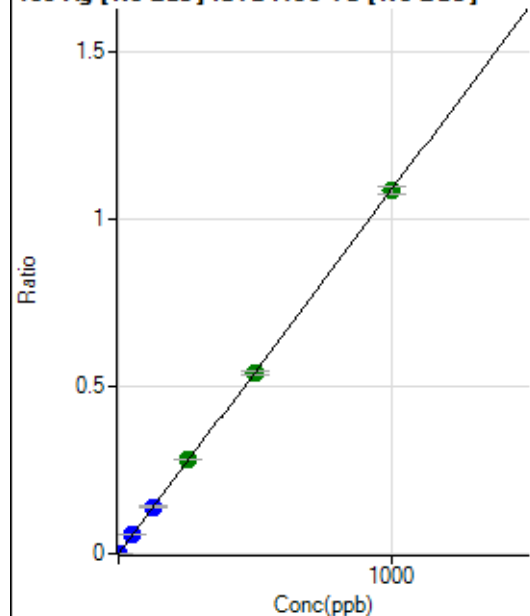
$$R = 1.0000$$

$$DL = 0.1064$$

$$BEC = 0.07079$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.89	0.0000	P	39.6
2	☐	0.100					
3	☐	1.000	1.008	7819.30	0.0011	P	9.7
4	☐	50.000	52.100	403161.71	0.0567	P	0.3
5	☐	125.000	129.020	1018265.43	0.1404	P	1.1
6	☐	250.000	260.256	2038971.29	0.2832	A	1.1
7	☐	500.000	498.697	4067520.06	0.5426	A	2.0
8	☐	1000.000	997.480	7984896.27	1.0853	A	2.0
9	☐			1069.54	0.0001	P	10.1

$$y = 0.0011 * x + 9.0765\text{E-}006$$

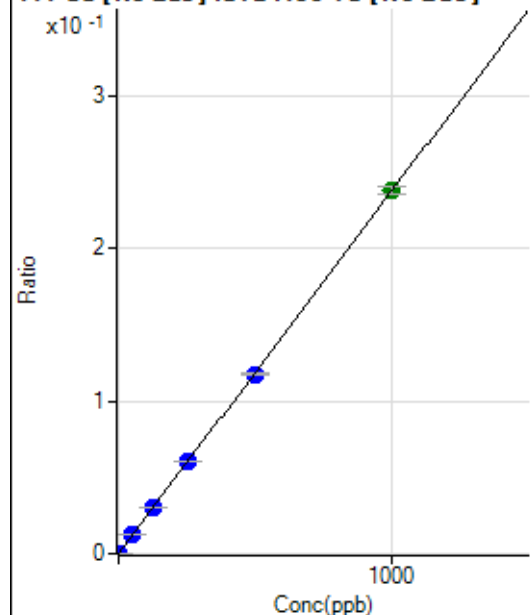
$$R = 0.9999$$

$$DL = 0.009922$$

$$BEC = 0.008342$$

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	835.08	0.0001	P	12.4
2	☐	0.100					
3	☐	1.000	1.047	2604.96	0.0004	P	4.0
4	☐	50.000	51.792	88182.94	0.0124	P	0.9
5	☐	125.000	127.807	220687.21	0.0304	P	1.5
6	☐	250.000	254.411	435260.27	0.0605	P	0.4
7	☐	500.000	494.285	879623.83	0.1173	P	1.3
8	☐	1000.000	1001.314	1747859.64	0.2376	A	2.0
9	☐			1104.95	0.0002	P	7.8

$$y = 2.3714\text{E-}004 * x + 1.1883\text{E-}004$$

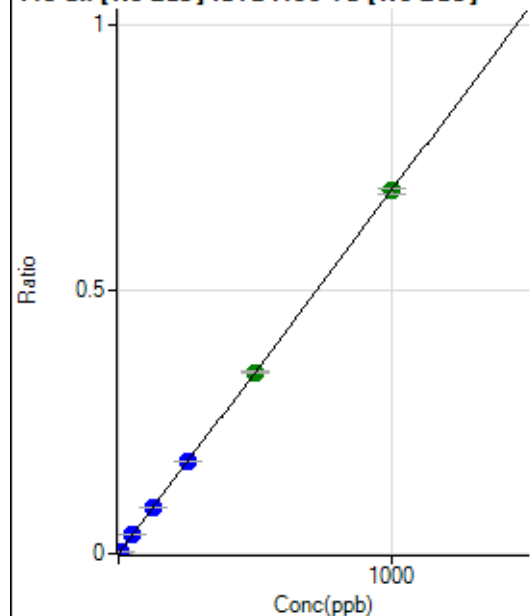
$$R = 1.0000$$

$$DL = 0.1867$$

$$BEC = 0.5011$$

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	308.35	0.0000	P	16.5
2	☐	0.500					
3	☐	5.000	5.049	24862.93	0.0035	P	7.5
4	☐	50.000	50.975	249318.74	0.0351	P	1.3
5	☐	125.000	126.746	631858.99	0.0871	P	1.0
6	☐	250.000	253.167	1252555.95	0.1740	P	0.5
7	☐	500.000	499.911	2574778.75	0.3435	A	1.7
8	☐	1000.000	998.986	5049420.90	0.6863	A	1.9
9	☐			5979.38	0.0008	P	1.0

$$y = 6.8696\text{E-}004 * x + 4.3847\text{E-}005$$

$$R = 1.0000$$

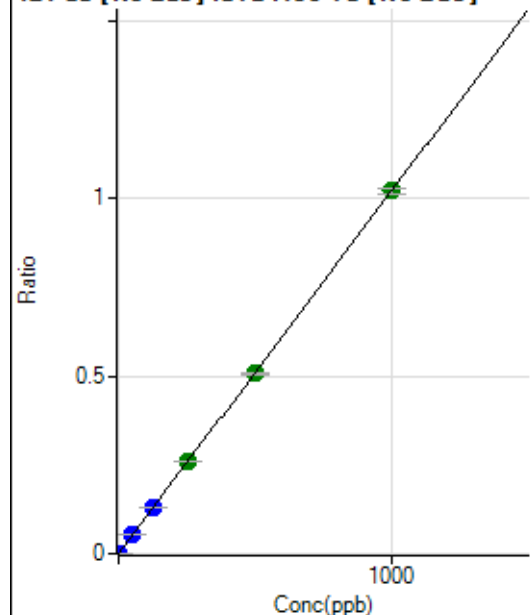
$$DL = 0.03151$$

$$BEC = 0.06383$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.67	0.0000	P	20.3
2	☐	0.200					
3	☐	2.000	2.035	14825.50	0.0021	P	9.5
4	☐	50.000	50.676	367926.34	0.0517	P	0.2
5	☐	125.000	126.663	937690.43	0.1293	P	2.2
6	☐	250.000	255.517	1877835.24	0.2608	A	0.5
7	☐	500.000	496.006	3795064.49	0.5062	A	1.6
8	☐	1000.000	1000.376	7511826.47	1.0210	A	1.9
9	☐			13148.74	0.0018	P	1.6

$$y = 0.0010 * x + 2.0120E-005$$

$$R = 1.0000$$

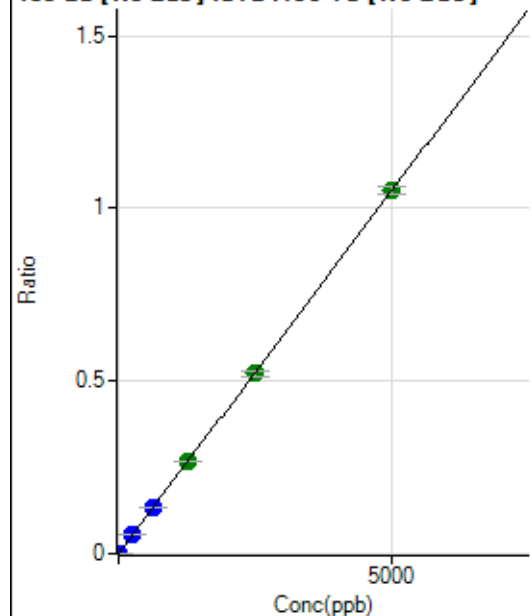
$$DL = 0.012$$

$$BEC = 0.01971$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	57.1
2	☐	1.000					
3	☐	10.000	9.957	14825.55	0.0021	P	7.8
4	☐	250.000	253.176	378094.26	0.0532	P	0.3
5	☐	625.000	628.879	957863.67	0.1321	P	1.5
6	☐	1250.000	1276.618	1930292.73	0.2681	A	0.6
7	☐	2500.000	2482.993	3908370.49	0.5214	A	2.6
8	☐	5000.000	5001.205	7726831.51	1.0502	A	2.0
9	☐			1680.75	0.0002	P	8.1

$$y = 2.1000E-004 * x + 3.1521E-006$$

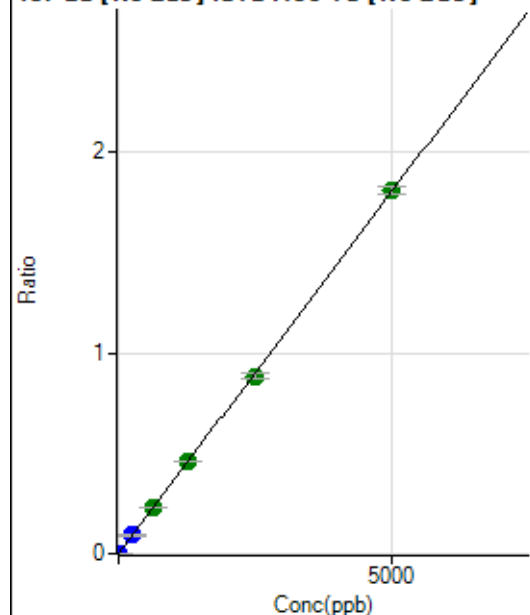
$$R = 1.0000$$

$$DL = 0.02571$$

$$BEC = 0.01501$$

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	47.22	0.0000	P	10.9
2	☐	1.000					
3	☐	10.000	10.052	25661.89	0.0036	P	10.2
4	☐	250.000	253.018	648788.96	0.0912	P	0.5
5	☐	625.000	636.615	1664851.92	0.2296	A	2.0
6	☐	1250.000	1275.149	3310555.00	0.4598	A	0.7
7	☐	2500.000	2452.401	6628059.96	0.8843	A	2.8
8	☐	5000.000	5015.909	13305985.63	1.8086	A	2.2
9	☐			2964.37	0.0004	P	10.9

$$y = 3.6057E-004 * x + 6.7186E-006$$

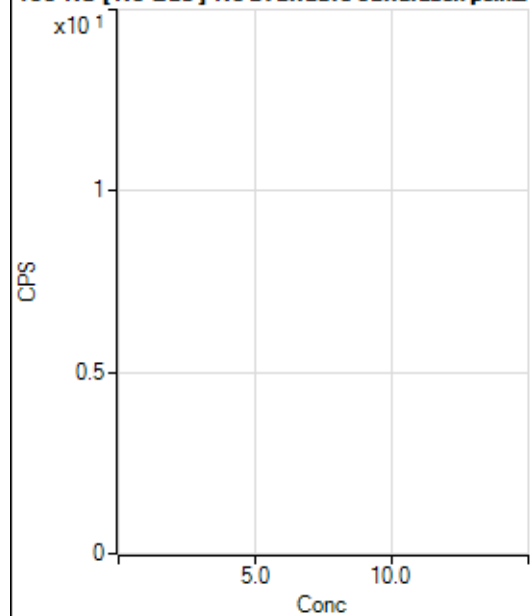
$$R = 0.9999$$

$$DL = 0.006112$$

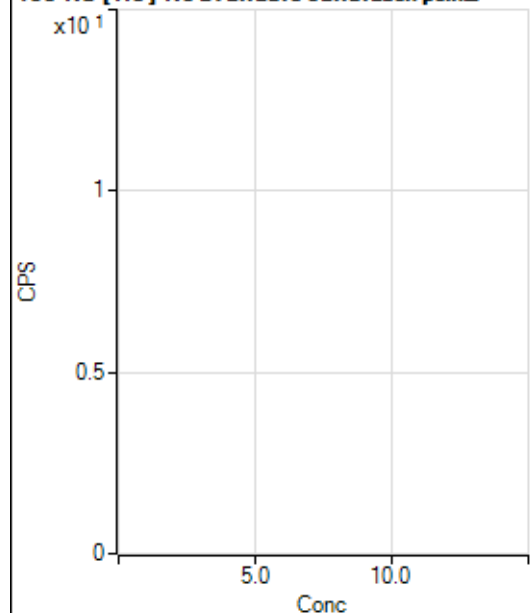
$$BEC = 0.01863$$

Weight: <None>

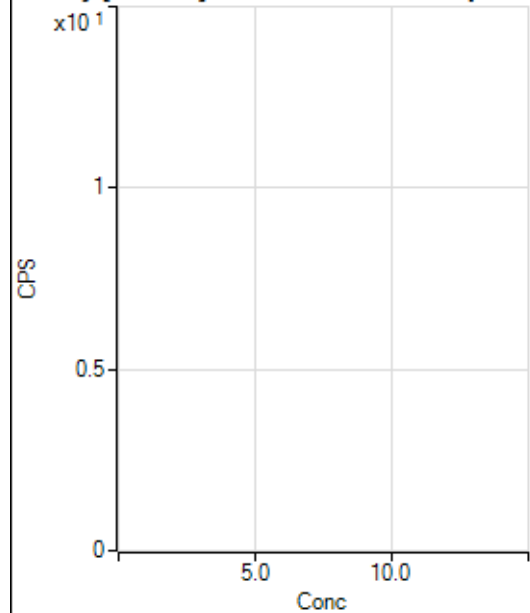
Min Conc: 0

150 Nd [No Gas] No available calibration points

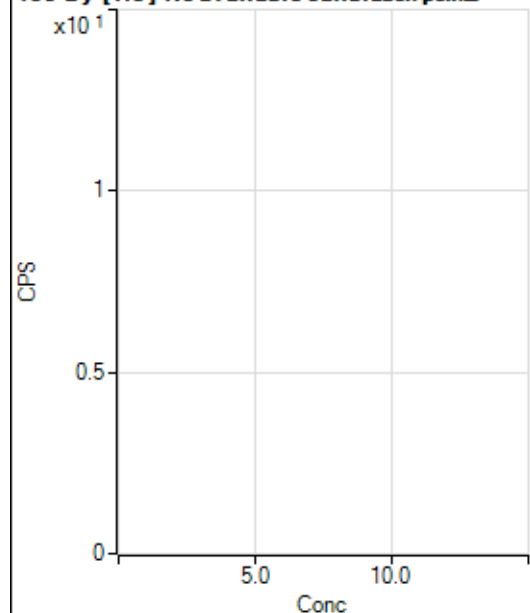
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			6.67		P	100.0
4	☐			28.89		P	13.3
5	☐			42.23		P	32.9
6	☐			64.45		P	15.8
7	☐			133.34		P	26.0
8	☐			253.35		P	13.7
9	☐			113.34		P	10.2

150 Nd [He] No available calibration points

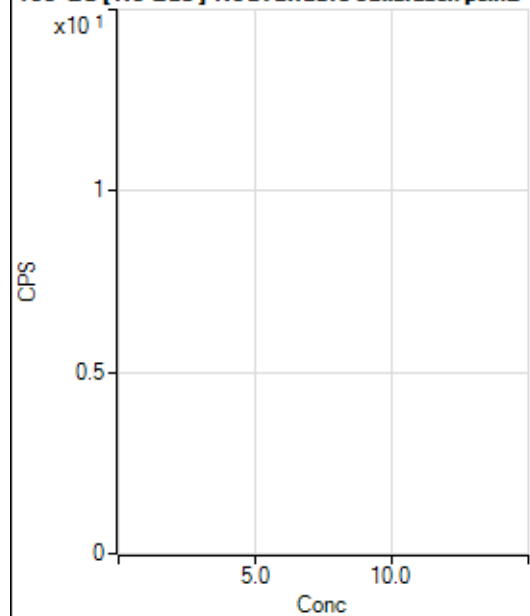
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.2
5	☐			1.11		P	173.2
6	☐			1.11		P	173.2
7	☐			3.33		P	100.1
8	☐			3.33		P	100.1
9	☐			16.67		P	40.0

156 Dy [No Gas] No available calibration points

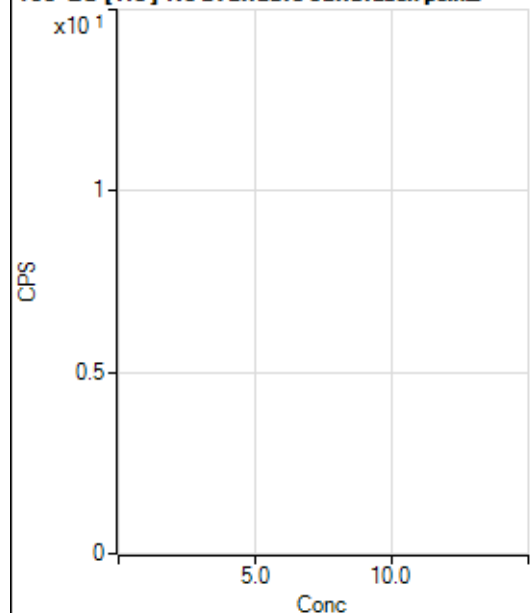
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			16.67		P	100.0
4	☐			5.55		P	86.6
5	☐			19.45		P	24.7
6	☐			25.00		P	66.7
7	☐			58.34		P	42.9
8	☐			69.45		P	6.9
9	☐			58.34		P	62.3

156 Dy [He] No available calibration points

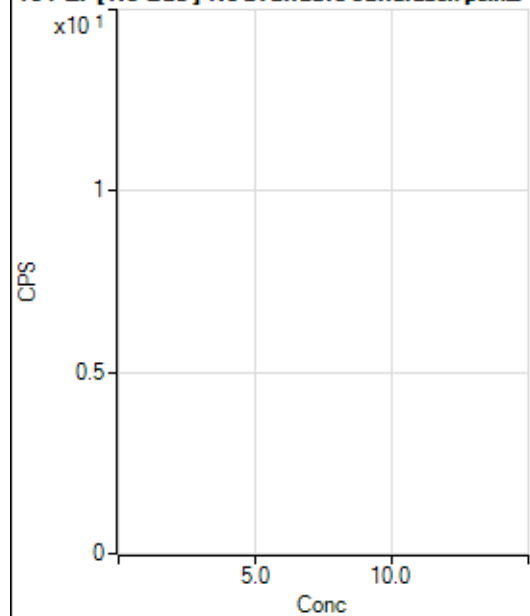
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.22		P	86.6
4	☐			2.22		P	86.6
5	☐			4.45		P	86.6
6	☐			2.22		P	86.6
7	☐			4.44		P	173.2
8	☐			7.78		P	89.2
9	☐			10.00		P	66.7

160 Gd [No Gas] Noavailable calibration poin_

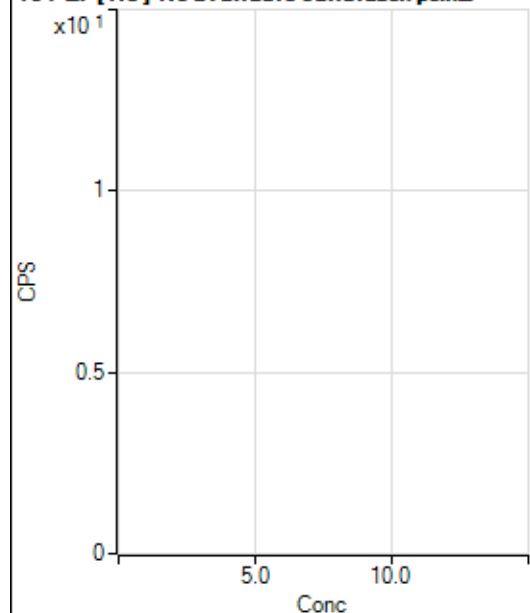
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	60.0
2	☐						
3	☐			41.67		P	20.0
4	☐			36.11		P	58.1
5	☐			41.67		P	20.0
6	☐			69.45		P	13.9
7	☐			66.67		P	21.7
8	☐			44.45		P	10.8
9	☐			80.56		P	39.2

160 Gd [He] No available calibration points

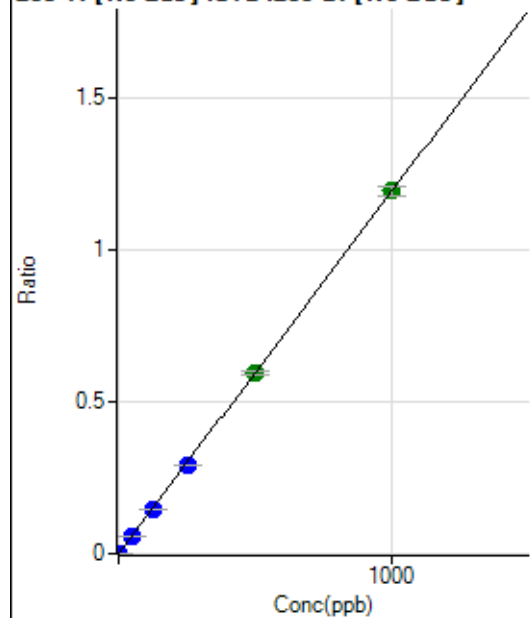
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	0.0
2	☐						
3	☐			7.78		P	49.5
4	☐			8.89		P	21.6
5	☐			5.56		P	34.7
6	☐			8.89		P	43.3
7	☐			18.89		P	10.2
8	☐			10.00		P	0.0
9	☐			25.55		P	61.6

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	12.4
2	☐						
3	☐			30.56		P	56.8
4	☐			41.67		P	34.6
5	☐			38.89		P	32.7
6	☐			38.89		P	12.4
7	☐			38.89		P	44.6
8	☐			30.56		P	31.5
9	☐			55.56		P	31.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			7.78		P	49.5
4	☐			7.78		P	65.5
5	☐			4.44		P	114.6
6	☐			8.89		P	21.6
7	☐			3.33		P	100.1
8	☐			6.67		P	132.3
9	☐			13.33		P	25.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	102.78	0.0000	P	24.8
2	☐	0.100					
3	☐	1.000	0.993	5042.93	0.0012	P	6.8
4	☐	50.000	49.576	243255.98	0.0592	P	1.2
5	☐	125.000	122.726	624893.92	0.1465	P	2.9
6	☐	250.000	245.871	1235971.30	0.2935	P	0.2
7	☐	500.000	498.567	2562299.00	0.5952	A	1.8
8	☐	1000.000	1002.054	5019327.72	1.1962	A	2.7
9	☐			2736.53	0.0007	P	7.8

$$y = 0.0012 * x + 2.5187E-005$$

$$R = 1.0000$$

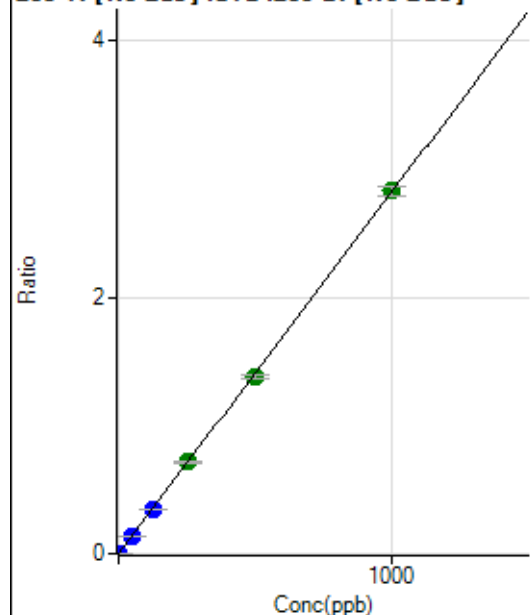
$$DL = 0.01573$$

$$BEC = 0.0211$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	280.58	0.0001	P	15.1
2	☐	0.100					
3	☐	1.000	0.990	11883.83	0.0029	P	8.6
4	☐	50.000	49.887	578026.30	0.1407	P	0.1
5	☐	125.000	123.016	1479212.18	0.3468	P	1.9
6	☐	250.000	254.334	3018903.33	0.7170	A	1.5
7	☐	500.000	490.570	5953303.95	1.3829	A	2.1
8	☐	1000.000	1003.885	11873507.04	2.8298	A	2.9
9	☐			6390.81	0.0016	P	8.9

$$y = 0.0028 * x + 6.8758E-005$$

$$R = 0.9999$$

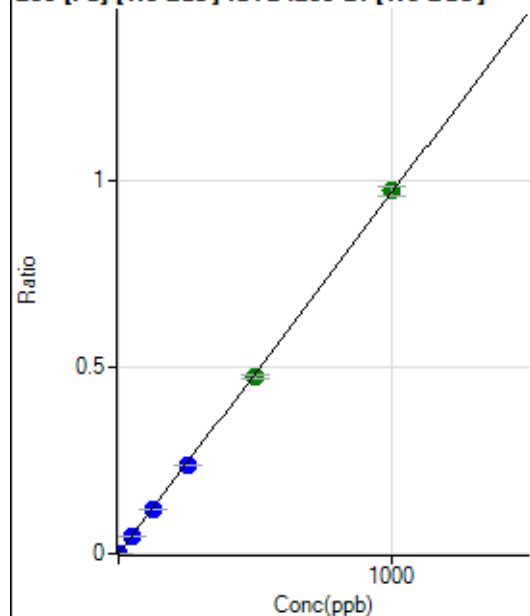
$$DL = 0.01104$$

$$BEC = 0.02439$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	198.16	0.0000	P	23.6
2	☐	0.100					
3	☐	1.000	1.013	4263.82	0.0010	P	8.9
4	☐	50.000	49.966	198284.52	0.0483	P	0.7
5	☐	125.000	122.313	503583.06	0.1181	P	1.5
6	☐	250.000	246.511	1001734.04	0.2379	P	1.0
7	☐	500.000	491.360	2041297.15	0.4742	A	1.8
8	☐	1000.000	1005.530	4071162.13	0.9703	A	2.9
9	☐			5062.27	0.0013	P	3.6

$$y = 9.6491E-004 * x + 4.8537E-005$$

$$R = 0.9999$$

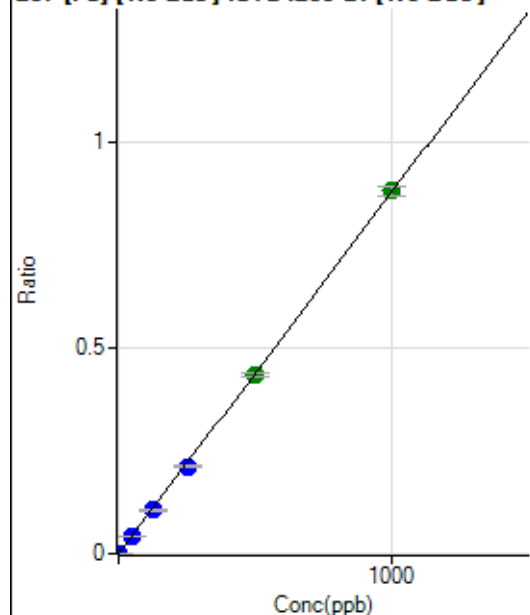
$$DL = 0.03568$$

$$BEC = 0.0503$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	196.30	0.0000	P	9.9
2	☐	0.100					
3	☐	1.000	0.989	3813.66	0.0009	P	7.7
4	☐	50.000	48.578	175511.83	0.0427	P	0.1
5	☐	125.000	119.937	449547.83	0.1054	P	1.7
6	☐	250.000	242.252	896193.57	0.2128	P	0.6
7	☐	500.000	495.895	1875494.59	0.4356	A	1.5
8	☐	1000.000	1004.693	3703064.67	0.8826	A	3.0
9	☐			4319.39	0.0011	P	3.0

$$y = 8.7840\text{E-}004 * x + 4.8098\text{E-}005$$

$$R = 0.9999$$

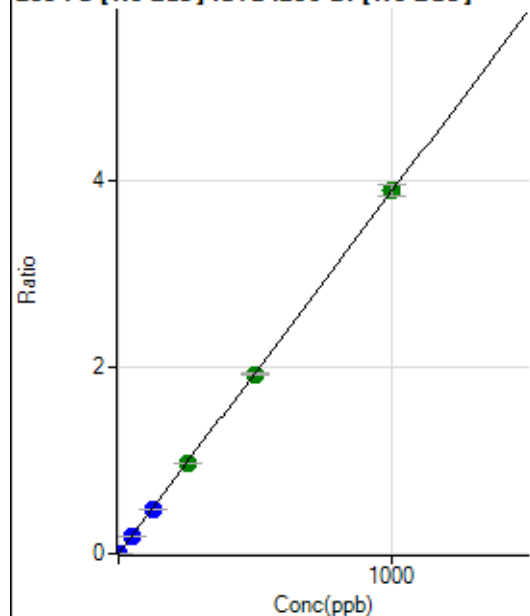
$$DL = 0.01623$$

$$BEC = 0.05476$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	881.52	0.0002	P	15.1
2	☐	0.100					
3	☐	1.000	0.987	16778.88	0.0040	P	7.8
4	☐	50.000	49.517	788425.03	0.1919	P	0.1
5	☐	125.000	122.394	2021676.29	0.4740	P	1.9
6	☐	250.000	249.512	4067834.44	0.9661	A	0.8
7	☐	500.000	495.632	8261149.91	1.9189	A	1.2
8	☐	1000.000	1002.656	16285971.66	3.8816	A	3.1
9	☐			19654.68	0.0050	P	0.5

$$y = 0.0039 * x + 2.1596\text{E-}004$$

$$R = 1.0000$$

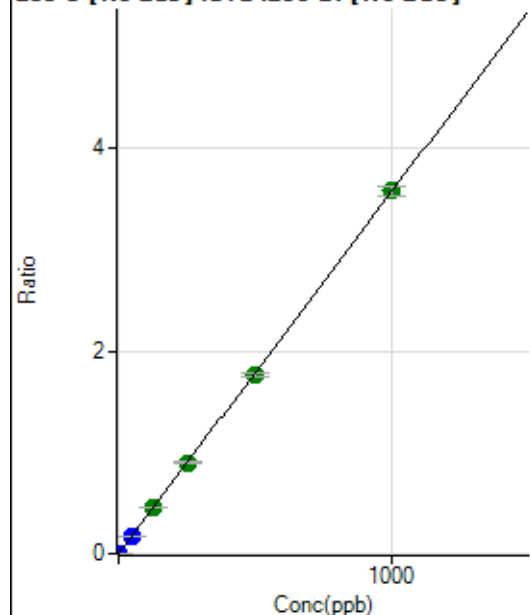
$$DL = 0.02529$$

$$BEC = 0.05579$$

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	16.67	0.0000	P	0.3
2	☐	0.100					
3	☐	1.000	0.963	14300.49	0.0034	P	9.1
4	☐	50.000	48.555	712352.17	0.1734	P	0.9
5	☐	125.000	126.948	1933544.38	0.4533	A	1.0
6	☐	250.000	250.823	3771054.77	0.8956	A	1.5
7	☐	500.000	493.185	7581129.60	1.7610	A	2.0
8	☐	1000.000	1003.030	15027590.61	3.5816	A	2.9
9	☐			2428.14	0.0006	P	4.5

$$y = 0.0036 * x + 4.0847E-006$$

$$R = 1.0000$$

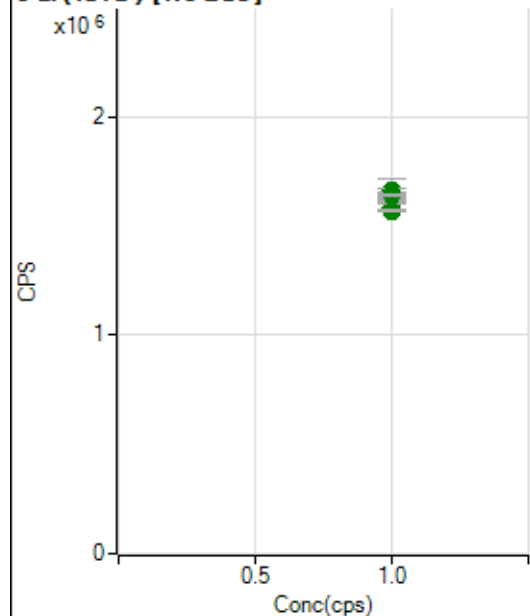
$$DL = 8.936E-06$$

$$BEC = 0.001144$$

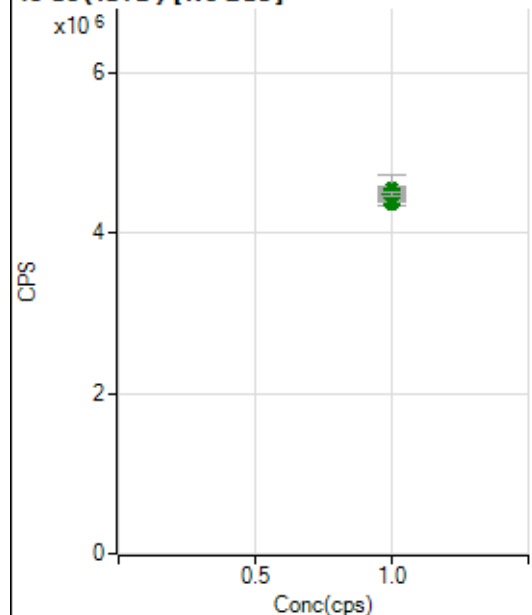
Weight: <None>

Min Conc: 0

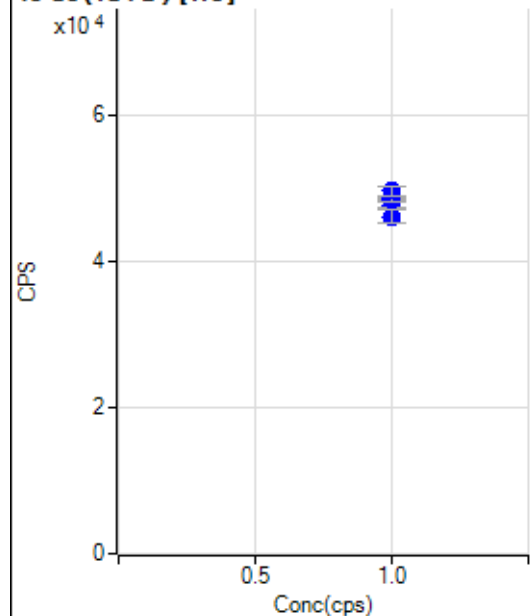
6 Li (ISTD) [No Gas]



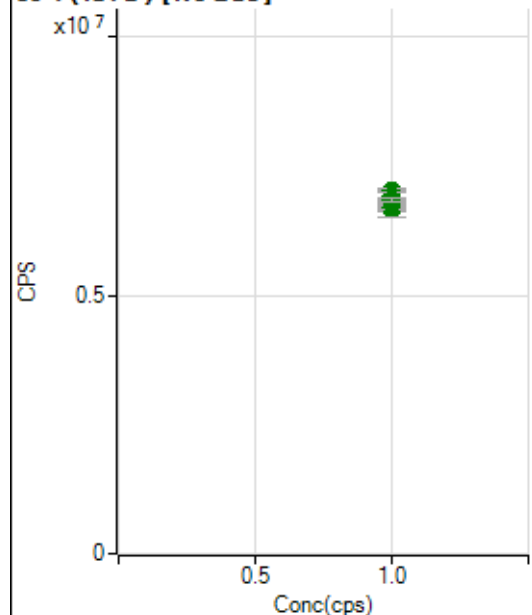
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1627817.18		A	0.2
2	☐	1.000					
3	☐	1.000		1659682.54		A	6.5
4	☐	1.000		1633377.23		A	1.2
5	☐	1.000		1660551.80		A	1.1
6	☐	1.000		1612509.93		A	0.8
7	☐	1.000		1641917.58		A	0.8
8	☐	1.000		1588028.15		A	1.4
9	☐	1.000		1569858.02		A	0.8

45 Sc (ISTD) [No Gas]

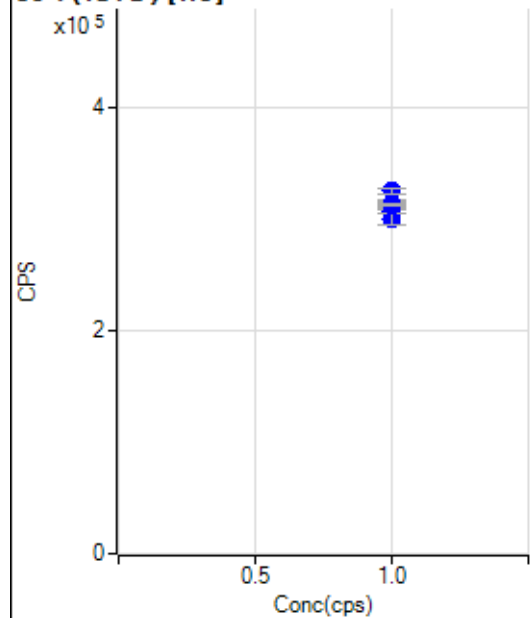
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4432068.20		A	0.4
2	☐	1.000					
3	☐	1.000		4525282.44		A	8.5
4	☐	1.000		4446121.24		A	0.9
5	☐	1.000		4510510.52		A	0.7
6	☐	1.000		4401131.44		A	1.0
7	☐	1.000		4520609.65		A	1.5
8	☐	1.000		4504112.95		A	2.9
9	☐	1.000		4494183.78		A	1.2

45 Sc (ISTD) [He]

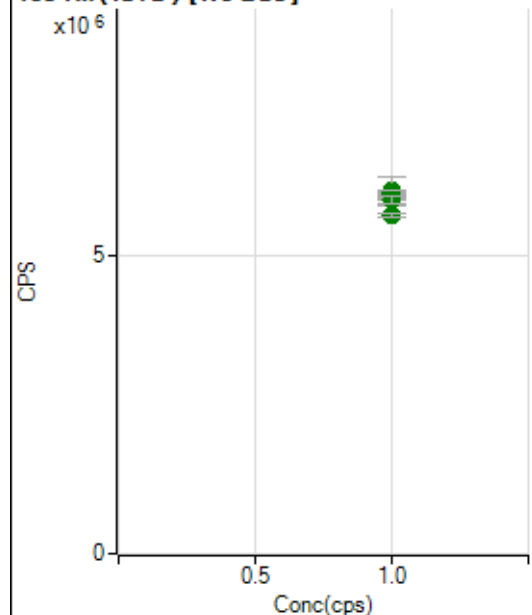
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		48488.95		P	1.1
2	☐	1.000					
3	☐	1.000		48135.73		P	3.3
4	☐	1.000		48504.60		P	0.3
5	☐	1.000		47695.68		P	1.6
6	☐	1.000		46153.58		P	3.8
7	☐	1.000		48389.85		P	0.9
8	☐	1.000		48580.44		P	1.4
9	☐	1.000		49627.65		P	2.5

89 Y (ISTD) [No Gas]

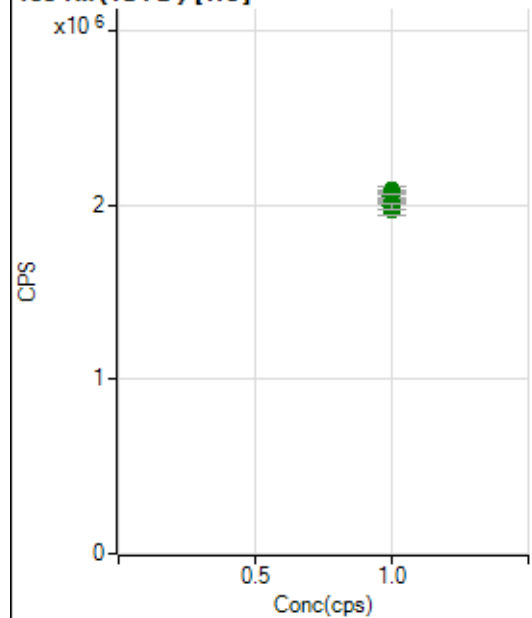
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6656408.72		A	0.7
2	☐	1.000					
3	☐	1.000		6764221.98		A	7.8
4	☐	1.000		6692085.25		A	1.0
5	☐	1.000		6851477.61		A	0.7
6	☐	1.000		6767732.61		A	0.4
7	☐	1.000		7017804.13		A	1.1
8	☐	1.000		6909088.51		A	1.9
9	☐	1.000		6842994.34		A	0.6

89 Y (ISTD) [He]

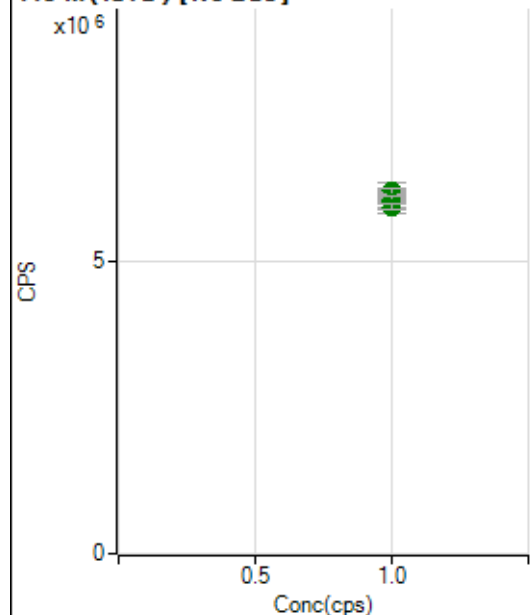
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		309278.13		P	0.1
2	☐	1.000					
3	☐	1.000		312955.59		P	2.9
4	☐	1.000		311788.93		P	0.5
5	☐	1.000		307985.35		P	1.0
6	☐	1.000		299999.68		P	3.6
7	☐	1.000		315215.86		P	0.6
8	☐	1.000		313051.44		P	0.4
9	☐	1.000		325926.65		P	1.7

103 Rh (ISTD) [No Gas]

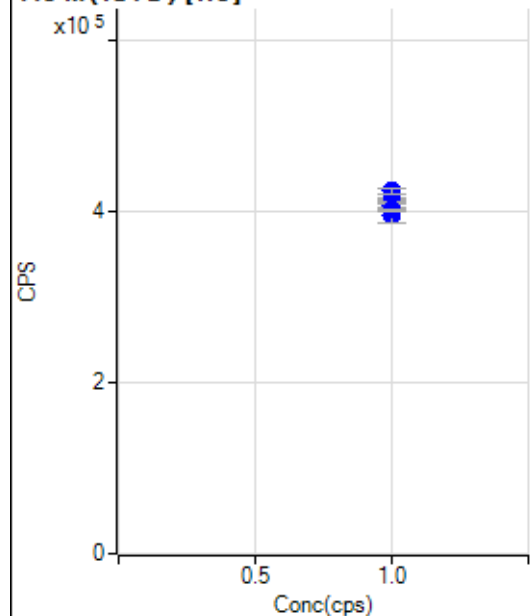
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6033352.26		A	0.3
2	☐	1.000					
3	☐	1.000		6076716.33		A	8.1
4	☐	1.000		5992221.10		A	0.1
5	☐	1.000		6030269.50		A	1.5
6	☐	1.000		5941460.29		A	0.3
7	☐	1.000		6039564.24		A	1.2
8	☐	1.000		5915984.20		A	2.4
9	☐	1.000		5677496.04		A	0.9

103 Rh (ISTD) [He]

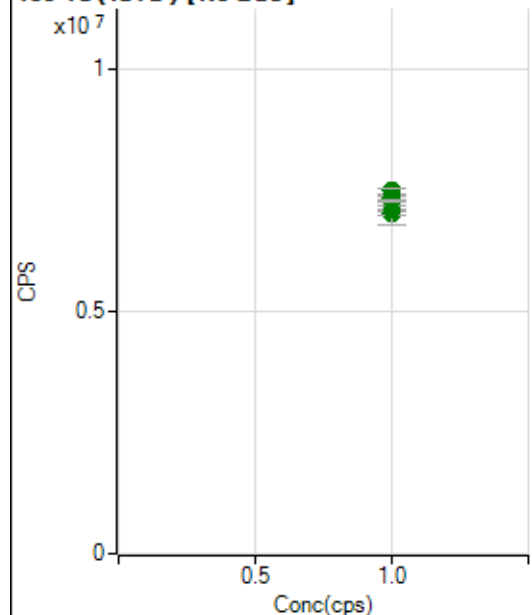
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2080921.32		A	0.5
2	☐	1.000					
3	☐	1.000		2069073.08		A	3.3
4	☐	1.000		2072101.44		A	0.1
5	☐	1.000		2048114.83		A	1.3
6	☐	1.000		1974481.19		A	2.9
7	☐	1.000		2052904.93		A	1.1
8	☐	1.000		2010415.70		A	0.6
9	☐	1.000		1993308.48		A	1.7

115 In (ISTD) [No Gas]

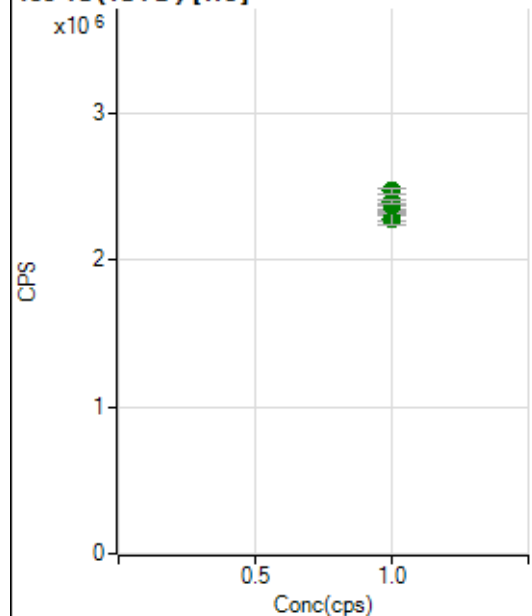
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6029611.02		A	0.7
2	☐	1.000					
3	☐	1.000		6090029.78		A	8.5
4	☐	1.000		5987611.27		A	0.4
5	☐	1.000		6197551.84		A	0.2
6	☐	1.000		6042552.45		A	0.7
7	☐	1.000		6198334.17		A	1.9
8	☐	1.000		6011613.90		A	3.1
9	☐	1.000		5929617.52		A	1.3

115 In (ISTD) [He]

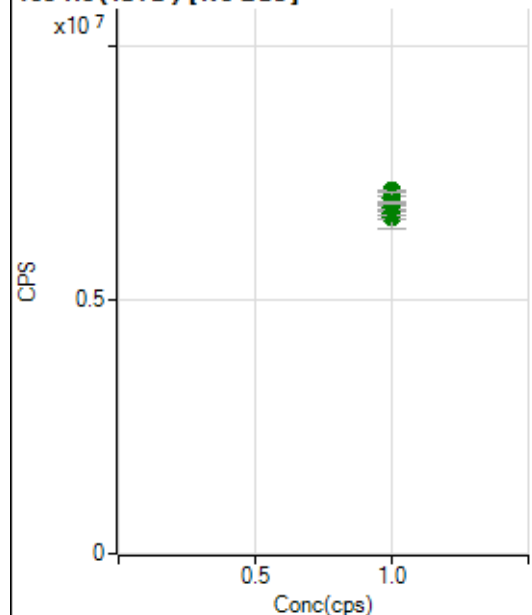
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		411840.53		P	0.1
2	☐	1.000					
3	☐	1.000		415364.22		P	3.1
4	☐	1.000		415507.99		P	0.1
5	☐	1.000		407285.85		P	1.3
6	☐	1.000		395533.94		P	3.9
7	☐	1.000		411696.89		P	0.6
8	☐	1.000		401951.46		P	1.0
9	☐	1.000		424734.59		P	1.9

159 Tb (ISTD) [No Gas]

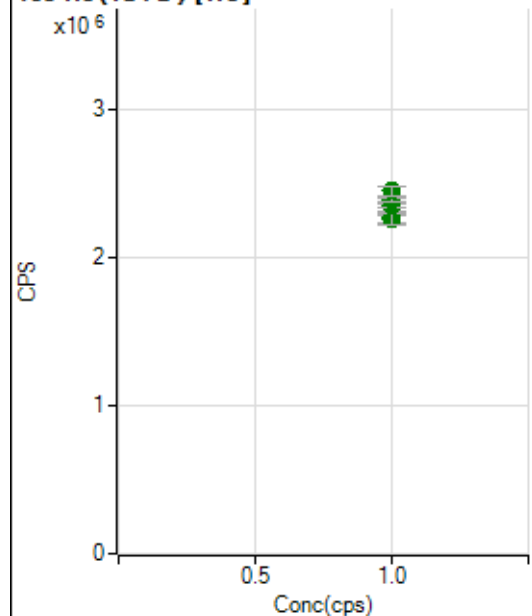
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7032912.33		A	0.9
2	☐	1.000					
3	☐	1.000		7110575.52		A	8.9
4	☐	1.000		7111097.26		A	0.4
5	☐	1.000		7253858.71		A	1.3
6	☐	1.000		7200279.27		A	0.2
7	☐	1.000		7497951.07		A	1.8
8	☐	1.000		7358586.28		A	1.4
9	☐	1.000		7297365.31		A	0.8

159 Tb (ISTD) [He]

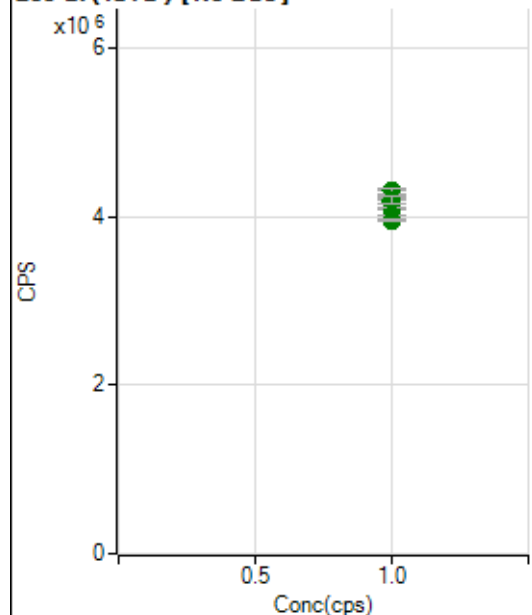
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2320802.22		A	0.3
2	☐	1.000					
3	☐	1.000		2313465.17		A	3.4
4	☐	1.000		2332110.29		A	0.6
5	☐	1.000		2317764.60		A	1.4
6	☐	1.000		2282629.46		A	3.3
7	☐	1.000		2379067.38		A	0.5
8	☐	1.000		2398116.77		A	1.3
9	☐	1.000		2473509.72		A	1.9

165 Ho (ISTD) [No Gas]

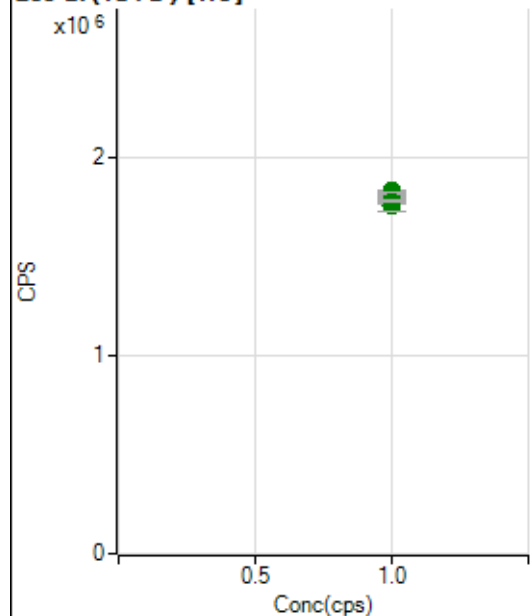
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6634733.40		A	0.8
2	☐	1.000					
3	☐	1.000		6738655.27		A	9.9
4	☐	1.000		6702868.81		A	1.0
5	☐	1.000		6923692.34		A	0.4
6	☐	1.000		6830591.38		A	1.3
7	☐	1.000		7154120.30		A	0.7
8	☐	1.000		7017639.65		A	2.9
9	☐	1.000		6905049.98		A	0.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2294060.00		A	0.4
2	☐	1.000					
3	☐	1.000		2274051.60		A	3.1
4	☐	1.000		2302940.10		A	0.8
5	☐	1.000		2294989.60		A	1.3
6	☐	1.000		2255303.77		A	3.4
7	☐	1.000		2349194.98		A	0.6
8	☐	1.000		2382500.12		A	1.0
9	☐	1.000		2448357.50		A	2.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4081113.58		A	0.3
2	☐	1.000					
3	☐	1.000		4175222.30		A	7.8
4	☐	1.000		4108519.49		A	0.2
5	☐	1.000		4265960.01		A	1.8
6	☐	1.000		4210648.76		A	0.4
7	☐	1.000		4305733.69		A	1.4
8	☐	1.000		4197849.80		A	2.5
9	☐	1.000		3954887.41		A	0.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1806415.25		A	1.0
2	☐	1.000					
3	☐	1.000		1791043.91		A	2.7
4	☐	1.000		1829404.47		A	0.7
5	☐	1.000		1808773.03		A	0.2
6	☐	1.000		1758736.79		A	3.6
7	☐	1.000		1821988.58		A	0.8
8	☐	1.000		1818041.74		A	0.4
9	☐	1.000		1774775.34		A	0.5

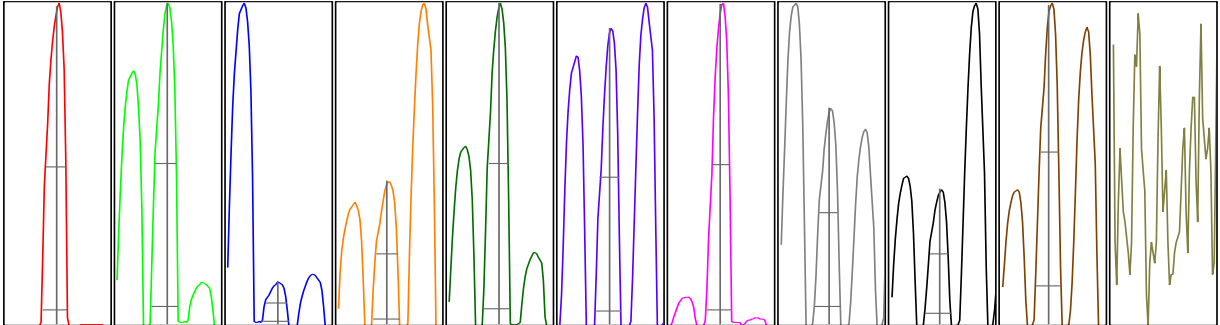
US EPA Tune Check Sample Report

Batch Folder D:\P8102518-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	8001	1.09	5.00	
24	70327	2.20	5.00	
25	9437	1.20	5.00	
26	11186	1.65	5.00	
59	68462	2.26	5.00	
113	8030	3.00	5.00	
115	98883	3.07	5.00	
206	18590	2.45	5.00	
207	17229	2.30	5.00	
208	39960	2.09	5.00	
220	1	19.42		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	8094	7981	7953	7892	8085
24	71640	70287	69104	68519	72082
25	9513	9385	9421	9287	9579
26	11367	11072	11134	10969	11387
59	69370	66568	69189	67071	70113
113	8301	7764	8216	7801	8065
115	102678	95571	100686	96080	99401
206	18984	17933	18612	18387	19037
207	17553	16642	17068	17264	17615
208	40743	38889	39237	40471	40461
220	2	1	1	1	2

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width-X% X% (Flag)
9	14352	9.00	8.9 - 9.1		0.737	0.900	
24	121968	24.00	23.9 - 24.1		0.781	0.900	
25	16528	25.00	24.9 - 25.1		0.785	0.900	
26	19315	25.95	25.9 - 26.1		0.783	0.900	
59	123557	59.00	58.9 - 59.1		0.772	0.900	
113	15816	113.00	112.9 - 113.1		0.728	0.900	
115	193668	115.00	114.9 - 115.1		0.728	0.900	
206	35685	205.95	205.9 - 206.1		0.737	0.900	
207	32419	206.95	206.9 - 207.1		0.736	0.900	
208	76516	207.90	207.9 - 208.1		0.729	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.9	V	Deflect	15.4	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-110	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	10018	5.25	
89	3216	5.96	
205	13069	3.78	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	10171	10825	9802	9413	9876
89	3292	3493	3152	2975	3169
205	13277	13790	12617	12613	13049

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.9	V	Deflect	2.8	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-110	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:31:14	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.37	-0.72	-0.65	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	-0.02	0.02	0.01	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.21	-0.51	0.30	0.00	N/A	ppb
Boron	11-1	0.30	-0.03	-0.27	0.00	N/A	ppb
Cadmium	111-1	-0.06	0.06	0.01	0.00	N/A	ppb
Cadmium	106-1	-0.91	0.92	-0.01	0.00	N/A	ppb
Cadmium	108-1	-0.04	0.00	0.04	0.00	N/A	ppb
Calcium	43-1	-3.47	2.23	1.23	0.00	N/A	ppb
Calcium	44-1	-0.72	1.32	-0.60	0.00	N/A	ppb
Chromium	52-2	-0.01	-0.05	0.06	0.00	N/A	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.01	-0.03	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	0.04	0.02	-0.07	0.00	N/A	ppb
Iron	57-2	0.50	-0.13	-0.36	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.78	0.86	-0.08	0.00	N/A	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:31:14	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.01	-0.04	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	-9.76	1.70	13.67	1.87	627.17	ppb
Potassium	39-2	-6.72	2.23	4.49	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	-0.18	-0.18	0.35	0.00	N/A	ppb
Selenium	82-1	-0.48	0.41	0.07	0.00	N/A	ppb
Silicon	28-1	-0.49	0.57	-0.08	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	-2.47	0.22	2.26	0.00	N/A	ppb
Strontium	86-1	-0.04	0.02	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	20.71	154.70	49.41	74.94	94.14	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.01	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	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	0.02	0.01	-0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.01	-0.01	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.09	0.07	0.02	0.00	N/A	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:31:14	DataFile Name :	003CALB.d

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

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:37:57	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.22	26.05	20.26	23.17	12.49	ppb
Antimony	121-1	1.82	2.08	2.20	2.03	9.58	ppb
Arsenic	75-1	0.97	1.04	1.11	1.04	6.81	ppb
Barium	135-1	9.06	10.35	10.45	9.96	7.81	ppb
Barium	137-1	8.99	10.10	11.06	10.05	10.26	ppb
Beryllium	9-1	0.93	0.98	1.05	0.99	6.27	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	21.39	22.77	27.11	23.76	12.55	ppb
Boron	11-1	21.85	23.66	25.25	23.59	7.21	ppb
Cadmium	111-1	0.98	1.05	1.11	1.05	5.94	ppb
Cadmium	106-1	1.22	2.08	0.45	1.25	65.34	ppb
Cadmium	108-1	0.86	1.16	1.07	1.03	15.35	ppb
Calcium	43-1	468.09	490.20	556.04	504.78	9.06	ppb
Calcium	44-1	426.86	471.92	518.86	472.55	9.74	ppb
Chromium	52-2	2.33	2.26	1.96	2.19	9.02	ppb
Cobalt	59-2	1.08	1.07	0.98	1.04	5.29	ppb
Copper	63-2	2.30	2.14	2.04	2.16	6.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	55.54	54.10	53.32	54.32	2.08	ppb
Iron	57-2	54.37	50.26	52.19	52.27	3.93	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.97	1.12	1.01	9.36	ppb
Lead	207-1	0.91	0.99	1.07	0.99	8.13	ppb
Lead	208-1	0.91	0.98	1.07	0.99	8.20	ppb
Lithium	6-1				102		%
Magnesium	24-2	565.17	561.29	532.39	552.95	3.24	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:37:57	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.04	1.02	1.20	1.09	9.00	ppb
Molybdenum	94-1	4.52	4.70	5.47	4.90	10.22	ppb
Molybdenum	95-1	4.66	4.87	5.30	4.94	6.63	ppb
Molybdenum	96-1	4.56	5.16	5.38	5.03	8.41	ppb
Molybdenum	97-1	4.62	4.94	5.30	4.95	6.89	ppb
Molybdenum	98-1	4.62	5.05	5.55	5.07	9.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	0.99	1.08	1.06	5.80	ppb
Phosphorus	31-2	2.32	1.84	-9.76	-1.87		ppb
Potassium	39-2	553.66	512.13	503.22	523.00	5.15	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	6.45	3.13	6.10	5.23	34.96	ppb
Selenium	78-2	6.86	3.50	8.51	6.29	40.63	ppb
Selenium	82-1	5.24	5.21	5.85	5.43	6.66	ppb
Silicon	28-1	8.01	14.93	22.85	15.27	48.64	ppb
Silver	109-1	0.92	0.99	1.11	1.01	9.79	ppb
Silver	107-1	0.96	1.01	1.12	1.03	8.06	ppb
Sodium	23-2	591.23	547.82	515.85	551.63	6.86	ppb
Strontium	86-1	0.86	1.07	1.12	1.01	13.60	ppb
Strontium	88-1	0.92	1.01	1.11	1.01	9.23	ppb
Sulfur	34-1	-1392.79	47.25	1120.72	-74.94		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.92	1.06	1.00	0.99	6.90	ppb
Thallium	205-1	0.89	1.01	1.07	0.99	8.85	ppb
Tin	118-1	4.64	5.10	5.41	5.05	7.59	ppb
Titanium	47-1	4.26	5.17	5.62	5.01	13.82	ppb
Uranium	238-1	0.89	0.94	1.06	0.96	9.16	ppb
Vanadium	51-2	5.15	4.75	4.86	4.92	4.25	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	2.56	2.38	2.23	2.39	7.02	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:37:57	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.93	1.05	1.12	1.03	9.53	ppb
Zirconium	91-1	0.98	0.95	1.14	1.02	10.04	ppb

LB Number : LB98902 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-25 18:42:01 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1012.68	1011.37	973.19	999.08	2.25	ppb
Antimony	121-1	50.55	50.74	50.74	50.68	0.22	ppb
Arsenic	75-1	49.47	50.88	50.26	50.20	1.40	ppb
Barium	135-1	252.75	252.82	253.96	253.18	0.27	ppb
Barium	137-1	253.20	254.20	251.65	253.02	0.51	ppb
Beryllium	9-1	50.43	50.99	49.46	50.29	1.54	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	48.33	51.63	50.75	50.24	3.39	ppb
Boron	11-1	48.22	49.79	50.29	49.43	2.18	ppb
Cadmium	111-1	52.29	51.32	51.76	51.79	0.94	ppb
Cadmium	106-1	54.88	50.21	53.62	52.90	4.57	ppb
Cadmium	108-1	53.49	51.49	50.24	51.74	3.17	ppb
Calcium	43-1	4957.06	5047.82	4995.92	5000.26	0.91	ppb
Calcium	44-1	5107.42	5146.60	4993.92	5082.65	1.56	ppb
Chromium	52-2	51.27	51.64	50.56	51.16	1.06	ppb
Cobalt	59-2	51.14	51.69	50.62	51.15	1.05	ppb
Copper	63-2	103.28	104.39	103.67	103.78	0.55	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				100		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	2707.19	2700.64	2635.73	2681.19	1.47	ppb
Iron	57-2	2644.34	2665.91	2609.57	2639.94	1.08	ppb
Krypton	83-1						cps
Lead	206-1	49.66	50.38	49.86	49.97	0.75	ppb
Lead	207-1	48.60	48.55	48.59	48.58	0.06	ppb
Lead	208-1	49.58	49.53	49.44	49.52	0.14	ppb
Lithium	6-1				100		%
Magnesium	24-2	5432.64	5405.28	5397.55	5411.82	0.34	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:42:01	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	103.04	104.94	100.77	102.92	2.03	ppb
Molybdenum	94-1	255.18	254.31	253.64	254.38	0.30	ppb
Molybdenum	95-1	256.34	253.03	252.63	254.00	0.80	ppb
Molybdenum	96-1	254.50	250.60	251.39	252.17	0.82	ppb
Molybdenum	97-1	255.33	251.11	249.95	252.13	1.12	ppb
Molybdenum	98-1	255.31	253.09	252.02	253.47	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.23	52.12	51.43	51.59	0.90	ppb
Phosphorus	31-2	1042.10	826.51	995.93	954.85	11.89	ppb
Potassium	39-2	2585.60	2592.44	2597.80	2591.95	0.24	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	56.42	50.17	60.04	55.54	8.99	ppb
Selenium	78-2	53.47	52.44	47.54	51.15	6.19	ppb
Selenium	82-1	53.88	50.48	50.02	51.46	4.10	ppb
Silicon	28-1	59.68	61.52	58.72	59.97	2.37	ppb
Silver	109-1	52.21	52.15	51.95	52.10	0.26	ppb
Silver	107-1	51.81	51.46	52.42	51.90	0.93	ppb
Sodium	23-2	5426.93	5438.67	5411.16	5425.59	0.25	ppb
Strontium	86-1	50.78	50.31	49.37	50.15	1.43	ppb
Strontium	88-1	51.46	51.39	50.81	51.22	0.70	ppb
Sulfur	34-1	1278.82	1320.81	766.19	1121.94	27.52	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	49.33	49.12	50.28	49.58	1.24	ppb
Thallium	205-1	49.85	49.97	49.85	49.89	0.14	ppb
Tin	118-1	50.82	51.73	50.38	50.97	1.35	ppb
Titanium	47-1	252.31	253.08	252.28	252.56	0.18	ppb
Uranium	238-1	48.09	48.88	48.70	48.56	0.86	ppb
Vanadium	51-2	50.65	49.97	50.69	50.44	0.80	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	103.33	104.92	101.67	103.31	1.57	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:42:01	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	51.11	51.12	50.81	51.01	0.34	ppb
Zirconium	91-1	51.41	50.43	50.75	50.86	0.99	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:45:46	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2495.12	2503.91	2484.06	2494.36	0.40	ppb
Antimony	121-1	129.06	127.40	123.53	126.66	2.24	ppb
Arsenic	75-1	123.92	123.33	122.72	123.32	0.49	ppb
Barium	135-1	635.79	632.76	618.09	628.88	1.50	ppb
Barium	137-1	648.00	638.78	623.07	636.61	1.98	ppb
Beryllium	9-1	124.55	123.14	121.17	122.95	1.38	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	121.38	121.55	126.68	123.20	2.44	ppb
Boron	11-1	120.15	119.54	123.22	120.97	1.63	ppb
Cadmium	111-1	129.76	127.78	125.88	127.81	1.51	ppb
Cadmium	106-1	130.01	127.66	126.93	128.20	1.25	ppb
Cadmium	108-1	130.38	130.45	127.27	129.37	1.40	ppb
Calcium	43-1	12240.14	12393.49	12160.45	12264.70	0.97	ppb
Calcium	44-1	12270.20	12239.44	12220.43	12243.36	0.21	ppb
Chromium	52-2	126.41	128.38	130.19	128.33	1.47	ppb
Cobalt	59-2	126.59	128.27	129.42	128.10	1.11	ppb
Copper	63-2	256.29	260.93	261.56	259.59	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	6523.01	6657.63	6744.42	6641.69	1.68	ppb
Iron	57-2	6474.42	6498.60	6643.83	6538.95	1.40	ppb
Krypton	83-1						cps
Lead	206-1	123.51	123.30	120.13	122.31	1.55	ppb
Lead	207-1	120.41	121.72	117.68	119.94	1.72	ppb
Lead	208-1	123.37	124.03	119.78	122.39	1.87	ppb
Lithium	6-1				102		%
Magnesium	24-2	13452.16	13594.03	13845.41	13630.53	1.46	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:45:46	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	250.05	259.70	258.63	256.13	2.07	ppb
Molybdenum	94-1	635.15	629.67	619.76	628.20	1.24	ppb
Molybdenum	95-1	641.95	630.46	620.00	630.80	1.74	ppb
Molybdenum	96-1	637.59	630.39	622.65	630.21	1.19	ppb
Molybdenum	97-1	626.57	614.61	616.62	619.27	1.03	ppb
Molybdenum	98-1	632.45	621.39	619.92	624.59	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.80	130.26	131.95	130.67	0.87	ppb
Phosphorus	31-2	2504.09	2512.89	2405.47	2474.15	2.41	ppb
Potassium	39-2	6352.48	6373.29	6478.34	6401.37	1.05	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	110.90	126.37	138.47	125.25	11.03	ppb
Selenium	78-2	135.39	128.10	118.14	127.21	6.81	ppb
Selenium	82-1	129.13	125.92	127.39	127.48	1.26	ppb
Silicon	28-1	144.90	144.46	143.54	144.30	0.48	ppb
Silver	109-1	129.38	130.18	127.49	129.02	1.07	ppb
Silver	107-1	131.26	129.86	126.52	129.21	1.88	ppb
Sodium	23-2	13587.81	13973.39	14065.22	13875.47	1.83	ppb
Strontium	86-1	123.80	125.30	123.14	124.08	0.89	ppb
Strontium	88-1	129.28	127.42	125.62	127.44	1.44	ppb
Sulfur	34-1	2147.91	1944.36	1828.96	1973.74	8.18	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	123.38	125.91	118.90	122.73	2.89	ppb
Thallium	205-1	123.89	124.85	120.30	123.02	1.95	ppb
Tin	118-1	127.89	126.90	125.45	126.75	0.97	ppb
Titanium	47-1	628.60	624.89	620.49	624.66	0.65	ppb
Uranium	238-1	127.94	127.31	125.59	126.95	0.96	ppb
Vanadium	51-2	124.33	126.33	129.15	126.60	1.91	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	263.05	258.45	268.53	263.34	1.92	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:45:46	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	126.50	126.11	125.30	125.97	0.49	ppb
Zirconium	91-1	125.49	122.54	123.64	123.89	1.20	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:49:24	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5334.02	4902.43	4935.67	5057.37	4.75	ppb
Antimony	121-1	255.21	254.41	256.93	255.52	0.50	ppb
Arsenic	75-1	248.23	253.82	251.33	251.13	1.12	ppb
Barium	135-1	1268.54	1284.70	1276.61	1276.62	0.63	ppb
Barium	137-1	1265.39	1281.33	1278.73	1275.15	0.67	ppb
Beryllium	9-1	246.98	252.03	248.81	249.27	1.03	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	239.82	247.64	253.65	247.04	2.81	ppb
Boron	11-1	240.16	249.85	249.82	246.61	2.26	ppb
Cadmium	111-1	255.59	253.72	253.93	254.41	0.40	ppb
Cadmium	106-1	253.58	262.49	255.52	257.20	1.82	ppb
Cadmium	108-1	247.48	258.18	253.10	252.92	2.12	ppb
Calcium	43-1	24815.86	25225.12	24844.97	24961.98	0.91	ppb
Calcium	44-1	24599.33	24932.81	24755.54	24762.56	0.67	ppb
Chromium	52-2	276.33	255.52	257.03	262.96	4.41	ppb
Cobalt	59-2	273.41	256.86	257.00	262.43	3.63	ppb
Copper	63-2	555.86	515.59	519.74	530.39	4.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	14207.93	13060.74	13195.70	13488.12	4.65	ppb
Iron	57-2	14078.47	13094.76	13275.82	13483.02	3.88	ppb
Krypton	83-1						cps
Lead	206-1	243.78	247.39	248.36	246.51	0.98	ppb
Lead	207-1	240.60	242.44	243.71	242.25	0.65	ppb
Lead	208-1	247.25	250.78	250.51	249.51	0.79	ppb
Lithium	6-1				99		%
Magnesium	24-2	29327.20	27202.74	27142.04	27890.66	4.46	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:49:24	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	548.15	516.43	510.71	525.10	3.84	ppb
Molybdenum	94-1	1255.56	1270.26	1267.97	1264.60	0.63	ppb
Molybdenum	95-1	1250.66	1282.18	1268.40	1267.08	1.25	ppb
Molybdenum	96-1	1261.00	1277.02	1273.18	1270.40	0.66	ppb
Molybdenum	97-1	1277.67	1297.84	1273.90	1283.14	1.00	ppb
Molybdenum	98-1	1249.88	1262.89	1258.85	1257.21	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	277.97	258.80	262.77	266.51	3.80	ppb
Phosphorus	31-2	5255.09	4804.13	5316.90	5125.37	5.46	ppb
Potassium	39-2	13792.13	12863.80	12829.92	13161.95	4.15	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	77-2	224.36	240.51	279.17	248.01	11.35	ppb
Selenium	78-2	250.21	262.13	249.27	253.87	2.82	ppb
Selenium	82-1	251.51	255.15	255.20	253.95	0.83	ppb
Silicon	28-1	287.87	293.02	283.13	288.01	1.72	ppb
Silver	109-1	263.54	258.54	258.68	260.26	1.09	ppb
Silver	107-1	261.16	260.12	258.31	259.86	0.56	ppb
Sodium	23-2	29390.50	27343.54	27810.08	28181.37	3.81	ppb
Strontium	86-1	248.72	251.56	251.38	250.55	0.63	ppb
Strontium	88-1	253.53	254.66	255.65	254.62	0.42	ppb
Sulfur	34-1	4538.36	4872.76	4393.92	4601.68	5.34	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	245.19	246.22	246.21	245.87	0.24	ppb
Thallium	205-1	253.00	258.51	251.49	254.33	1.45	ppb
Tin	118-1	251.85	253.68	253.97	253.17	0.45	ppb
Titanium	47-1	1276.76	1275.71	1273.52	1275.33	0.13	ppb
Uranium	238-1	248.50	255.04	248.93	250.82	1.46	ppb
Vanadium	51-2	273.80	252.52	256.93	261.09	4.30	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	554.16	518.85	522.38	531.80	3.66	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:49:24	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	254.94	256.79	256.44	256.05	0.38	ppb
Zirconium	91-1	248.72	249.67	250.46	249.62	0.35	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:52:55	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9788.89	9724.18	9748.89	9753.99	0.33	ppb
Antimony	121-1	505.40	491.42	491.19	496.01	1.64	ppb
Arsenic	75-1	503.51	494.79	495.56	497.95	0.97	ppb
Barium	135-1	2555.01	2464.50	2429.47	2482.99	2.61	ppb
Barium	137-1	2531.22	2416.03	2409.95	2452.40	2.79	ppb
Beryllium	9-1	491.65	486.70	482.55	486.96	0.94	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	484.49	492.34	508.87	495.23	2.51	ppb
Boron	11-1	482.02	492.58	500.62	491.74	1.90	ppb
Cadmium	111-1	501.79	491.64	489.42	494.28	1.33	ppb
Cadmium	106-1	510.47	502.47	491.65	501.53	1.88	ppb
Cadmium	108-1	505.79	494.39	486.09	495.42	2.00	ppb
Calcium	43-1	49894.74	49021.03	48743.67	49219.82	1.22	ppb
Calcium	44-1	49776.22	48358.26	47999.34	48711.27	1.93	ppb
Chromium	52-2	510.65	498.30	510.63	506.52	1.41	ppb
Cobalt	59-2	504.53	495.26	507.47	502.42	1.27	ppb
Copper	63-2	1029.52	1006.97	1027.18	1021.22	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	26223.77	25693.72	26371.44	26096.31	1.37	ppb
Iron	57-2	26036.57	25656.44	25966.94	25886.65	0.78	ppb
Krypton	83-1						cps
Lead	206-1	498.06	494.46	481.55	491.36	1.77	ppb
Lead	207-1	501.95	498.25	487.49	495.90	1.51	ppb
Lead	208-1	500.62	497.24	489.04	495.63	1.20	ppb
Lithium	6-1				101		%
Magnesium	24-2	53534.08	52994.40	54030.38	53519.62	0.97	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:52:55	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1008.38	1002.72	1025.47	1012.19	1.17	ppb
Molybdenum	94-1	2486.36	2487.61	2424.63	2466.20	1.46	ppb
Molybdenum	95-1	2482.90	2493.72	2398.13	2458.25	2.13	ppb
Molybdenum	96-1	2472.05	2465.86	2410.90	2449.61	1.37	ppb
Molybdenum	97-1	2502.58	2463.24	2428.90	2464.91	1.50	ppb
Molybdenum	98-1	2470.57	2449.68	2406.84	2442.36	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.48	503.18	510.32	508.33	0.88	ppb
Phosphorus	31-2	9577.49	10083.27	9988.05	9882.93	2.72	ppb
Potassium	39-2	25572.19	25172.42	25914.93	25553.18	1.45	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	531.97	442.51	527.83	500.77	10.08	ppb
Selenium	78-2	494.94	529.44	484.84	503.07	4.65	ppb
Selenium	82-1	501.75	501.49	489.82	497.69	1.37	ppb
Silicon	28-1	535.34	520.09	524.98	526.80	1.48	ppb
Silver	109-1	507.26	500.91	487.92	498.70	1.98	ppb
Silver	107-1	508.97	500.95	491.10	500.34	1.79	ppb
Sodium	23-2	53456.24	52633.73	54473.75	53521.24	1.72	ppb
Strontium	86-1	495.47	496.31	486.92	492.90	1.05	ppb
Strontium	88-1	500.21	500.09	485.34	495.21	1.73	ppb
Sulfur	34-1	10099.09	9476.39	9154.90	9576.79	5.01	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	506.94	499.91	488.85	498.57	1.83	ppb
Thallium	205-1	495.96	496.94	478.81	490.57	2.08	ppb
Tin	118-1	509.94	494.38	495.42	499.91	1.74	ppb
Titanium	47-1	2610.51	2513.87	2494.10	2539.49	2.45	ppb
Uranium	238-1	501.82	495.10	482.63	493.19	1.98	ppb
Vanadium	51-2	507.14	494.05	510.10	503.77	1.70	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	1016.62	1009.25	1025.55	1017.14	0.80	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:52:55	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	496.20	494.86	485.37	492.14	1.20	ppb
Zirconium	91-1	496.85	492.51	483.97	491.11	1.33	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:56:22	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19470.37	19361.42	18805.54	19212.44	1.86	ppb
Antimony	121-1	979.50	1015.98	1005.64	1000.38	1.88	ppb
Arsenic	75-1	971.29	1024.41	1007.12	1000.94	2.71	ppb
Barium	135-1	4892.88	5094.42	5016.31	5001.21	2.03	ppb
Barium	137-1	4889.97	5099.74	5058.02	5015.91	2.21	ppb
Beryllium	9-1	982.52	1021.66	1016.65	1006.94	2.12	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	978.91	1014.70	1016.49	1003.37	2.11	ppb
Boron	11-1	962.22	1020.33	1034.07	1005.54	3.79	ppb
Cadmium	111-1	979.10	1019.38	1005.47	1001.31	2.04	ppb
Cadmium	106-1	964.53	1014.57	1011.58	996.89	2.82	ppb
Cadmium	108-1	977.95	1017.88	1006.94	1000.93	2.06	ppb
Calcium	43-1	96189.17	101434.27	100836.48	99486.64	2.89	ppb
Calcium	44-1	94120.59	99645.33	99193.99	97653.30	3.14	ppb
Chromium	52-2	1002.42	999.03	977.62	993.03	1.35	ppb
Cobalt	59-2	1007.95	993.53	984.24	995.24	1.20	ppb
Copper	63-2	1991.18	1985.75	1964.28	1980.40	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				106		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	52333.01	51308.65	50502.52	51381.40	1.79	ppb
Iron	57-2	51573.90	51541.01	50183.23	51099.38	1.55	ppb
Krypton	83-1						cps
Lead	206-1	971.62	1023.33	1021.65	1005.53	2.92	ppb
Lead	207-1	970.27	1018.05	1025.75	1004.69	2.99	ppb
Lead	208-1	967.03	1021.39	1019.55	1002.66	3.08	ppb
Lithium	6-1				98		%
Magnesium	24-2	105084.70	105070.08	102589.12	104247.97	1.38	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:56:22	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2015.74	1999.87	1944.55	1986.72	1.88	ppb
Molybdenum	94-1	4877.82	5103.83	5056.24	5012.63	2.38	ppb
Molybdenum	95-1	4855.48	5106.33	5085.24	5015.68	2.77	ppb
Molybdenum	96-1	4875.56	5115.36	5067.10	5019.34	2.53	ppb
Molybdenum	97-1	4842.96	5124.43	5062.23	5009.87	2.95	ppb
Molybdenum	98-1	4864.97	5118.83	5096.88	5026.89	2.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1001.42	1001.01	970.33	990.92	1.80	ppb
Phosphorus	31-2	20506.83	20490.26	19100.94	20032.68	4.03	ppb
Potassium	39-2	50387.28	50349.27	48878.66	49871.74	1.72	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	1015.59	995.30	988.52	999.80	1.41	ppb
Selenium	78-2	997.72	993.97	999.79	997.16	0.30	ppb
Selenium	82-1	976.31	1011.56	1011.48	999.78	2.03	ppb
Silicon	28-1	931.26	994.48	996.66	974.13	3.81	ppb
Silver	109-1	980.04	1018.62	993.77	997.48	1.96	ppb
Silver	107-1	975.94	1013.34	1000.95	996.74	1.91	ppb
Sodium	23-2	105776.97	105837.81	102611.44	104742.07	1.76	ppb
Strontium	86-1	980.44	1017.78	1012.33	1003.52	2.01	ppb
Strontium	88-1	975.46	1012.08	1015.09	1000.87	2.20	ppb
Sulfur	34-1	19205.67	21185.01	20721.93	20370.87	5.08	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	970.48	1015.91	1019.77	1002.05	2.74	ppb
Thallium	205-1	970.72	1019.12	1021.81	1003.89	2.86	ppb
Tin	118-1	976.60	1010.01	1010.34	998.99	1.94	ppb
Titanium	47-1	4776.35	5060.49	5084.67	4973.84	3.45	ppb
Uranium	238-1	969.59	1016.53	1022.97	1003.03	2.91	ppb
Vanadium	51-2	1001.90	1002.04	981.43	995.12	1.19	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	2002.49	1989.02	1953.43	1981.64	1.28	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:56:22	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	975.20	1019.12	1012.41	1002.24	2.36	ppb
Zirconium	91-1	975.02	1028.77	1010.12	1004.64	2.72	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:59:43	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102358.72	100751.45	97428.01	100179.39	2.51	ppb
Antimony	121-1	1.72	1.74	1.77	1.75	1.61	ppb
Arsenic	75-1	1.61	1.65	1.56	1.61	2.86	ppb
Barium	135-1	1.05	1.18	1.02	1.08	8.19	ppb
Barium	137-1	0.97	1.15	1.20	1.11	11.07	ppb
Beryllium	9-1	0.22	0.16	0.22	0.20	18.10	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	53.09	45.40	42.59	47.03	11.57	ppb
Boron	11-1	53.36	47.02	42.52	47.64	11.43	ppb
Cadmium	111-1	0.13	0.10	0.19	0.14	36.06	ppb
Cadmium	106-1	-0.51	-0.85	0.57	-0.26		ppb
Cadmium	108-1	0.17	0.20	0.34	0.24	38.41	ppb
Calcium	43-1	504900.79	499499.63	496164.98	500188.47	0.88	ppb
Calcium	44-1	505421.28	502516.41	493909.42	500615.70	1.20	ppb
Chromium	52-2	45.42	44.35	42.46	44.08	3.40	ppb
Cobalt	59-2	12.27	11.89	11.71	11.96	2.41	ppb
Copper	63-2	4.75	4.53	4.31	4.53	4.86	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				98		%
Indium	115-2				103		%
Iron	56-2	256293.32	250003.45	242362.47	249553.08	2.80	ppb
Iron	57-2	254781.82	251266.40	242852.84	249633.68	2.46	ppb
Krypton	83-1						cps
Lead	206-1	1.28	1.23	1.32	1.28	3.70	ppb
Lead	207-1	1.22	1.20	1.15	1.19	3.17	ppb
Lead	208-1	1.23	1.23	1.22	1.23	0.49	ppb
Lithium	6-1				96		%
Magnesium	24-2	508413.28	500649.50	486801.65	498621.48	2.20	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:59:43	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	14.05	13.79	13.12	13.65	3.52	ppb
Molybdenum	94-1	6.36	6.42	6.56	6.45	1.59	ppb
Molybdenum	95-1	8.46	8.16	8.23	8.28	1.89	ppb
Molybdenum	96-1	7.91	8.12	8.18	8.07	1.76	ppb
Molybdenum	97-1	8.61	7.87	8.17	8.22	4.56	ppb
Molybdenum	98-1	8.08	8.24	8.07	8.13	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.81	36.82	36.82	37.48	3.07	ppb
Phosphorus	31-2	36.64	1.55	1.27	13.15	154.63	ppb
Potassium	39-2	256376.10	249588.53	243832.83	249932.49	2.51	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.87	3.88	0.32	2.02	88.25	ppb
Selenium	82-1	1.34	1.86	1.58	1.60	16.15	ppb
Silicon	28-1	32.82	32.01	31.00	31.95	2.86	ppb
Silver	109-1	0.14	0.11	0.13	0.13	10.78	ppb
Silver	107-1	0.12	0.15	0.12	0.13	14.36	ppb
Sodium	23-2	509725.76	500505.67	485273.66	498501.70	2.48	ppb
Strontium	86-1	4.86	4.92	4.49	4.75	4.95	ppb
Strontium	88-1	4.73	4.76	4.87	4.79	1.51	ppb
Sulfur	34-1	-2365.70	-2485.86	-2486.96	-2446.17		ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.59	0.58	0.51	0.56	8.08	ppb
Thallium	205-1	0.60	0.54	0.50	0.55	9.30	ppb
Tin	118-1	1.12	1.14	1.13	1.13	1.07	ppb
Titanium	47-1	1.48	1.47	1.17	1.37	12.45	ppb
Uranium	238-1	0.18	0.16	0.17	0.17	4.54	ppb
Vanadium	51-2	0.42	0.38	0.41	0.40	5.44	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	15.05	15.40	14.69	15.05	2.36	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:59:43	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.51	0.48	0.42	0.47	9.54	ppb
Zirconium	91-1	0.46	0.43	0.39	0.43	8.20	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:07:23	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	495.82	493.29	546.46	511.86	5.86	ppb
Antimony	121-1	188.12	187.73	201.30	192.38	4.02	ppb
Arsenic	75-1	189.33	186.33	199.69	191.78	3.65	ppb
Barium	135-1	94.69	93.60	102.67	96.98	5.11	ppb
Barium	137-1	93.25	96.52	103.23	97.67	5.21	ppb
Beryllium	9-1	93.28	92.17	98.17	94.54	3.38	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	601.93	600.12	649.32	617.12	4.52	ppb
Boron	11-1	586.39	588.97	637.69	604.35	4.78	ppb
Cadmium	111-1	94.82	95.39	103.55	97.92	4.99	ppb
Cadmium	106-1	86.09	83.98	96.48	88.85	7.53	ppb
Cadmium	108-1	93.10	93.34	98.36	94.93	3.13	ppb
Calcium	43-1	1851.46	1851.35	1977.03	1893.28	3.83	ppb
Calcium	44-1	1861.51	1863.73	2006.49	1910.57	4.35	ppb
Chromium	52-2	95.40	96.43	98.77	96.87	1.78	ppb
Cobalt	59-2	98.57	99.95	101.68	100.07	1.56	ppb
Copper	63-2	100.51	101.11	103.16	101.60	1.37	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				105		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	1027.77	1043.74	1058.01	1043.17	1.45	ppb
Iron	57-2	1037.81	1018.10	1031.13	1029.02	0.97	ppb
Krypton	83-1						cps
Lead	206-1	186.74	189.13	198.70	191.52	3.30	ppb
Lead	207-1	177.10	177.98	188.10	181.06	3.38	ppb
Lead	208-1	186.46	188.05	199.29	191.27	3.66	ppb
Lithium	6-1				100		%
Magnesium	24-2	1225.87	1240.18	1281.17	1249.08	2.30	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:07:23	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	97.14	99.56	101.62	99.44	2.26	ppb
Molybdenum	94-1	340.84	344.65	362.99	349.49	3.39	ppb
Molybdenum	95-1	496.42	496.12	516.37	502.97	2.31	ppb
Molybdenum	96-1	482.28	483.96	498.42	488.22	1.82	ppb
Molybdenum	97-1	483.14	487.88	512.47	494.49	3.18	ppb
Molybdenum	98-1	496.18	497.98	518.72	504.29	2.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.91	101.54	103.06	101.51	1.55	ppb
Phosphorus	31-2	13.11	-9.76	1.97	1.78	644.50	ppb
Potassium	39-2	2034.65	2065.57	2040.99	2047.07	0.80	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	206.68	206.82	171.61	195.04	10.40	ppb
Selenium	78-2	213.41	179.97	214.24	202.54	9.65	ppb
Selenium	82-1	192.94	192.81	204.99	196.91	3.55	ppb
Silicon	28-1	455.81	460.35	490.96	469.04	4.08	ppb
Silver	109-1	95.75	96.50	104.16	98.80	4.71	ppb
Silver	107-1	95.71	97.83	105.31	99.62	5.06	ppb
Sodium	23-2	2103.49	2098.62	2155.17	2119.09	1.48	ppb
Strontium	86-1	2.22	2.24	2.39	2.28	4.13	ppb
Strontium	88-1	2.22	2.21	2.38	2.27	4.10	ppb
Sulfur	34-1	-2232.00	-2188.23	-1614.32	-2011.51		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	188.67	190.68	201.90	193.75	3.68	ppb
Thallium	205-1	197.72	194.16	204.64	198.84	2.68	ppb
Tin	118-1	499.42	501.70	536.22	512.45	4.02	ppb
Titanium	47-1	489.13	483.20	515.29	495.87	3.44	ppb
Uranium	238-1	509.93	505.67	541.47	519.02	3.77	ppb
Vanadium	51-2	96.33	98.92	98.99	98.08	1.54	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	203.43	206.09	211.42	206.98	1.97	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:07:23	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.07	0.06	0.07	10.64	ppb
Zirconium	91-1	0.09	0.09	0.10	0.09	6.02	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:12:09	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.72	-2.01	0.53	-0.25		ppb
Antimony	121-1	0.11	0.13	0.18	0.14	23.00	ppb
Arsenic	75-1	0.08	0.05	0.11	0.08	39.17	ppb
Barium	135-1	0.02	-0.01	0.01	0.01	192.12	ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	25.48	ppb
Bismuth	209-1				101		%
Bismuth	209-2				106		%
Boron	10-1	7.74	8.76	9.79	8.76	11.73	ppb
Boron	11-1	9.34	9.90	8.83	9.36	5.75	ppb
Cadmium	111-1	0.00	0.00	0.02	0.01	162.33	ppb
Cadmium	106-1	-0.11	-0.13	0.24	0.00		ppb
Cadmium	108-1	0.00	0.07	-0.03	0.01	462.03	ppb
Calcium	43-1	0.88	-6.31	3.90	-0.51		ppb
Calcium	44-1	8.90	7.38	17.90	11.39	49.90	ppb
Chromium	52-2	-0.01	-0.08	-0.09	-0.06		ppb
Cobalt	59-2	0.03	0.02	0.01	0.02	45.63	ppb
Copper	63-2	0.06	0.03	0.02	0.04	57.95	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				106		%
Indium	115-1				99		%
Indium	115-2				106		%
Iron	56-2	0.60	0.22	0.04	0.29	100.48	ppb
Iron	57-2	-1.38	-0.74	-1.64	-1.25		ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.07	0.09	0.07	32.48	ppb
Lead	207-1	0.03	0.05	0.05	0.04	24.29	ppb
Lead	208-1	0.04	0.05	0.06	0.05	19.44	ppb
Lithium	6-1				97		%
Magnesium	24-2	-0.50	0.63	-0.43	-0.10		ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:12:09	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.09	0.01	0.04	117.96	ppb
Molybdenum	94-1	0.14	0.11	0.14	0.13	11.15	ppb
Molybdenum	95-1	0.18	0.15	0.19	0.17	11.69	ppb
Molybdenum	96-1	0.16	0.14	0.17	0.16	9.16	ppb
Molybdenum	97-1	0.19	0.16	0.19	0.18	9.09	ppb
Molybdenum	98-1	0.18	0.15	0.16	0.16	11.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	-0.05	-0.01		ppb
Phosphorus	31-2	23.88	-9.76	1.63	5.25	326.06	ppb
Potassium	39-2	16.23	29.27	30.78	25.43	31.46	ppb
Rhodium	103-1				99		%
Rhodium	103-2				105		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	77-2	2.98	6.04	3.04	4.02	43.46	ppb
Selenium	78-2	1.33	0.33	2.89	1.51	85.20	ppb
Selenium	82-1	0.46	0.61	0.16	0.41	56.78	ppb
Silicon	28-1	-0.36	-0.97	2.93	0.53	394.88	ppb
Silver	109-1	0.01	0.01	0.01	0.01	15.18	ppb
Silver	107-1	0.01	0.01	0.01	0.01	13.71	ppb
Sodium	23-2	55.64	51.11	59.07	55.27	7.23	ppb
Strontium	86-1	0.00	-0.03	0.03	0.00	1595.03	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1818.11	-1766.43	-936.02	-1506.85		ppb
Terbium	159-1				99		%
Terbium	159-2				106		%
Thallium	203-1	0.13	0.12	0.12	0.12	2.41	ppb
Thallium	205-1	0.11	0.11	0.14	0.12	16.77	ppb
Tin	118-1	0.04	0.08	0.05	0.06	32.04	ppb
Titanium	47-1	0.05	0.04	0.06	0.05	18.05	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	32.47	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				99		%
Yttrium	89-2				105		%
Zinc	66-2	0.16	0.16	-0.04	0.09	128.25	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:12:09	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.01	0.01	150.63	ppb
Zirconium	91-1	-0.01	-0.02	-0.02	-0.02		ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:15:31	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91179.74	89318.60	79204.47	86567.60	7.44	ppb
Antimony	121-1	1.08	1.12	1.10	1.10	1.58	ppb
Arsenic	75-1	1.08	1.14	1.11	1.11	2.51	ppb
Barium	135-1	1.42	1.57	1.39	1.46	6.34	ppb
Barium	137-1	1.40	1.51	1.39	1.43	4.54	ppb
Beryllium	9-1	0.33	0.28	0.29	0.30	8.16	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	9.04	9.62	10.01	9.56	5.07	ppb
Boron	11-1	9.83	8.71	8.57	9.04	7.62	ppb
Cadmium	111-1	0.28	0.33	0.14	0.25	38.52	ppb
Cadmium	106-1	-0.31	-0.09	-0.19	-0.20		ppb
Cadmium	108-1	7.34	7.40	7.29	7.34	0.72	ppb
Calcium	43-1	97621.61	94881.17	93833.28	95445.35	2.05	ppb
Calcium	44-1	95170.23	93192.55	92072.44	93478.41	1.68	ppb
Chromium	52-2	19.95	19.55	16.96	18.82	8.61	ppb
Cobalt	59-2	1.12	1.14	1.00	1.09	7.15	ppb
Copper	63-2	7.77	7.61	6.78	7.39	7.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	102438.57	100539.96	89457.59	97478.71	7.19	ppb
Iron	57-2	105196.89	102069.55	91039.74	99435.39	7.48	ppb
Krypton	83-1						cps
Lead	206-1	4.89	5.08	4.76	4.91	3.29	ppb
Lead	207-1	4.29	4.27	4.25	4.27	0.56	ppb
Lead	208-1	4.58	4.60	4.47	4.55	1.58	ppb
Lithium	6-1				101		%
Magnesium	24-2	103618.20	102662.47	90764.87	99015.18	7.23	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:15:31	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.63	7.27	6.79	7.23	5.86	ppb
Molybdenum	94-1	1357.30	1348.35	1339.03	1348.23	0.68	ppb
Molybdenum	95-1	1913.35	1912.22	1893.25	1906.27	0.59	ppb
Molybdenum	96-1	1839.49	1846.90	1823.31	1836.57	0.66	ppb
Molybdenum	97-1	1939.31	1928.16	1886.88	1918.12	1.44	ppb
Molybdenum	98-1	1915.97	1922.70	1893.28	1910.65	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.21	5.69	4.51	5.14	11.64	ppb
Phosphorus	31-2	98467.07	94995.30	84870.49	92777.62	7.61	ppb
Potassium	39-2	102046.01	100967.55	89032.82	97348.79	7.42	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	3.19	0.00	2.81	2.00	87.11	ppb
Selenium	78-2	-0.18	-0.18	1.24	0.30	277.11	ppb
Selenium	82-1	0.61	0.64	0.08	0.44	70.82	ppb
Silicon	28-1	31.82	29.37	26.72	29.30	8.71	ppb
Silver	109-1	0.06	0.04	0.04	0.04	21.47	ppb
Silver	107-1	0.06	0.05	0.06	0.06	13.44	ppb
Sodium	23-2	103318.44	102151.75	91606.91	99025.70	6.51	ppb
Strontium	86-1	32.71	32.73	32.45	32.63	0.47	ppb
Strontium	88-1	33.23	33.35	32.75	33.11	0.96	ppb
Sulfur	34-1	84980.23	83575.63	80977.20	83177.69	2.44	ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	0.20	0.24	0.25	0.23	11.64	ppb
Thallium	205-1	0.19	0.19	0.23	0.20	12.20	ppb
Tin	118-1	0.17	0.17	0.16	0.17	5.41	ppb
Titanium	47-1	2016.54	1958.58	1956.81	1977.31	1.72	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	14.24	ppb
Vanadium	51-2	0.11	0.17	0.10	0.13	28.02	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	10.89	11.88	9.54	10.77	10.90	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:15:31	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.01	0.01	31.82	ppb
Zirconium	91-1	-0.01	0.00	0.03	0.01	280.04	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:18:48	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88096.99	89471.40	87966.77	88511.72	0.94	ppb
Antimony	121-1	25.54	21.39	20.22	22.39	12.49	ppb
Arsenic	75-1	25.54	22.22	20.08	22.61	12.17	ppb
Barium	135-1	26.37	22.22	21.28	23.29	11.62	ppb
Barium	137-1	26.47	22.38	20.78	23.21	12.64	ppb
Beryllium	9-1	24.09	20.27	19.77	21.38	11.06	ppb
Bismuth	209-1				95		%
Bismuth	209-2				99		%
Boron	10-1	74.32	61.71	60.73	65.58	11.56	ppb
Boron	11-1	72.30	63.44	61.78	65.84	8.59	ppb
Cadmium	111-1	23.98	20.81	18.93	21.24	12.02	ppb
Cadmium	106-1	21.65	19.04	16.67	19.12	13.02	ppb
Cadmium	108-1	31.31	26.81	25.48	27.87	10.97	ppb
Calcium	43-1	118519.93	103278.16	95335.59	105711.23	11.15	ppb
Calcium	44-1	117651.49	101209.40	92949.89	103936.93	12.10	ppb
Chromium	52-2	38.61	39.52	38.58	38.90	1.37	ppb
Cobalt	59-2	20.62	20.96	20.69	20.76	0.87	ppb
Copper	63-2	27.21	27.58	27.38	27.39	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				104		%
Indium	115-1				92		%
Indium	115-2				98		%
Iron	56-2	100321.09	101276.68	99239.42	100279.06	1.02	ppb
Iron	57-2	101142.58	102782.68	101388.37	101771.21	0.87	ppb
Krypton	83-1						cps
Lead	206-1	30.80	26.46	24.90	27.39	11.17	ppb
Lead	207-1	28.01	24.01	22.54	24.85	11.40	ppb
Lead	208-1	29.36	25.22	23.74	26.11	11.15	ppb
Lithium	6-1				93		%
Magnesium	24-2	101863.93	102662.60	101167.98	101898.17	0.73	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:18:48	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.40	28.07	25.92	26.80	4.20	ppb
Molybdenum	94-1	1710.83	1480.34	1386.47	1525.88	10.94	ppb
Molybdenum	95-1	2439.54	2086.36	1957.54	2161.15	11.55	ppb
Molybdenum	96-1	2384.94	2017.76	1869.79	2090.83	12.69	ppb
Molybdenum	97-1	2512.61	2132.94	1967.63	2204.39	12.68	ppb
Molybdenum	98-1	2480.45	2100.45	1948.48	2176.46	12.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.11	25.45	24.49	25.01	1.94	ppb
Phosphorus	31-2	95840.89	95869.17	92860.33	94856.80	1.82	ppb
Potassium	39-2	98535.90	100820.37	98203.14	99186.47	1.44	ppb
Rhodium	103-1				90		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				97		%
Selenium	77-2	25.37	19.29	9.63	18.10	43.86	ppb
Selenium	78-2	26.42	17.08	15.98	19.83	28.92	ppb
Selenium	82-1	22.96	19.72	19.72	20.80	9.01	ppb
Silicon	28-1	121.44	96.62	83.01	100.36	19.42	ppb
Silver	109-1	22.96	19.35	18.22	20.17	12.26	ppb
Silver	107-1	23.07	19.68	18.02	20.25	12.69	ppb
Sodium	23-2	101807.36	103559.67	102096.99	102488.01	0.92	ppb
Strontium	86-1	40.25	35.32	32.31	35.96	11.15	ppb
Strontium	88-1	41.84	35.42	33.08	36.78	12.34	ppb
Sulfur	34-1	108081.45	93214.22	82606.04	94633.91	13.52	ppb
Terbium	159-1				97		%
Terbium	159-2				102		%
Thallium	203-1	24.33	21.13	19.90	21.79	10.49	ppb
Thallium	205-1	24.68	21.50	20.15	22.11	10.53	ppb
Tin	118-1	62.72	53.65	50.21	55.53	11.63	ppb
Titanium	47-1	2530.99	2211.77	1994.52	2245.76	12.02	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	13.20	ppb
Vanadium	51-2	19.31	19.87	18.63	19.27	3.22	ppb
Yttrium	89-1				95		%
Yttrium	89-2				99		%
Zinc	66-2	32.15	31.56	31.46	31.72	1.17	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:18:48	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.03	0.02	29.76	ppb
Zirconium	91-1	0.03	0.01	0.01	0.02	80.55	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:28:01	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50426.99	50386.87	50285.53	50366.47	0.14	ppb
Antimony	121-1	488.31	494.46	498.41	493.73	1.03	ppb
Arsenic	75-1	482.95	483.99	483.60	483.51	0.11	ppb
Barium	135-1	2443.69	2503.21	2485.55	2477.48	1.23	ppb
Barium	137-1	2418.23	2462.48	2474.46	2451.72	1.21	ppb
Beryllium	9-1	504.68	496.92	498.85	500.15	0.81	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	504.31	507.04	511.90	507.75	0.76	ppb
Boron	11-1	495.37	502.82	514.68	504.29	1.93	ppb
Cadmium	111-1	475.23	481.03	483.97	480.08	0.93	ppb
Cadmium	106-1	479.70	485.10	491.55	485.45	1.22	ppb
Cadmium	108-1	466.62	486.44	487.15	480.07	2.43	ppb
Calcium	43-1	231761.82	231137.61	231370.70	231423.38	0.14	ppb
Calcium	44-1	231454.80	231388.41	231100.86	231314.69	0.08	ppb
Chromium	52-2	505.86	503.86	500.48	503.40	0.54	ppb
Cobalt	59-2	478.79	480.41	478.48	479.23	0.22	ppb
Copper	63-2	959.17	953.15	931.80	948.04	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	121357.88	121847.36	121135.94	121447.06	0.30	ppb
Iron	57-2	124552.89	124151.76	124549.43	124418.03	0.19	ppb
Krypton	83-1						cps
Lead	206-1	503.59	505.63	507.36	505.53	0.37	ppb
Lead	207-1	499.00	502.41	507.36	502.92	0.84	ppb
Lead	208-1	502.88	505.17	508.01	505.35	0.51	ppb
Lithium	6-1				98		%
Magnesium	24-2	247090.11	249176.74	245218.28	247161.71	0.80	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:28:01	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	984.45	987.00	983.51	984.99	0.18	ppb
Molybdenum	94-1	2453.17	2521.59	2468.89	2481.22	1.44	ppb
Molybdenum	95-1	2457.18	2504.58	2460.83	2474.20	1.07	ppb
Molybdenum	96-1	2467.75	2491.13	2468.59	2475.82	0.54	ppb
Molybdenum	97-1	2457.99	2507.86	2480.60	2482.15	1.01	ppb
Molybdenum	98-1	2452.12	2497.10	2483.21	2477.47	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.28	489.17	488.89	490.11	0.38	ppb
Phosphorus	31-2	9803.85	9850.70	9219.75	9624.77	3.65	ppb
Potassium	39-2	125428.53	123916.53	123305.76	124216.94	0.88	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	476.11	479.04	510.01	488.39	3.85	ppb
Selenium	78-2	491.20	511.41	499.68	500.76	2.03	ppb
Selenium	82-1	483.30	489.04	484.80	485.72	0.61	ppb
Silicon	28-1	515.61	518.35	532.71	522.23	1.76	ppb
Silver	109-1	475.40	485.43	483.20	481.34	1.09	ppb
Silver	107-1	472.54	492.24	490.41	485.06	2.24	ppb
Sodium	23-2	246288.58	247954.51	245542.89	246595.33	0.50	ppb
Strontium	86-1	488.01	492.74	493.79	491.52	0.63	ppb
Strontium	88-1	490.19	495.32	495.73	493.74	0.63	ppb
Sulfur	34-1	8947.33	9111.48	9192.12	9083.64	1.37	ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	512.44	505.60	511.20	509.75	0.72	ppb
Thallium	205-1	500.51	499.73	503.42	501.22	0.39	ppb
Tin	118-1	496.91	498.12	506.23	500.42	1.01	ppb
Titanium	47-1	2525.79	2526.03	2503.13	2518.32	0.52	ppb
Uranium	238-1	517.20	511.29	518.99	515.83	0.78	ppb
Vanadium	51-2	487.68	490.60	488.16	488.82	0.32	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	955.16	956.42	962.06	957.88	0.38	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:28:01	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	499.37	497.19	497.90	498.15	0.22	ppb
Zirconium	91-1	492.39	494.35	494.86	493.86	0.26	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:33:49	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.34	-0.34	-1.63	-1.10		ppb
Antimony	121-1	0.22	0.23	0.27	0.24	10.15	ppb
Arsenic	75-1	0.01	0.00	0.09	0.03	149.30	ppb
Barium	135-1	0.01	0.01	0.01	0.01	28.66	ppb
Barium	137-1	-0.01	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.07	0.04	0.05	0.06	27.06	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	10-1	13.03	10.59	11.83	11.82	10.34	ppb
Boron	11-1	12.27	10.65	10.68	11.20	8.28	ppb
Cadmium	111-1	-0.01	0.00	-0.02	-0.01		ppb
Cadmium	106-1	0.03	-0.03	-0.42	-0.14		ppb
Cadmium	108-1	0.16	0.06	-0.01	0.07	116.50	ppb
Calcium	43-1	1.66	-1.84	-8.12	-2.77		ppb
Calcium	44-1	9.93	6.11	4.94	6.99	37.37	ppb
Chromium	52-2	-0.13	-0.03	-0.04	-0.07		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.03	0.05	0.10	0.06	64.42	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				104		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	0.24	0.56	0.82	0.54	53.97	ppb
Iron	57-2	-0.85	-1.24	0.38	-0.57		ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.06	0.08	0.07	25.13	ppb
Lead	207-1	0.05	0.07	0.09	0.07	32.57	ppb
Lead	208-1	0.07	0.06	0.08	0.07	14.63	ppb
Lithium	6-1				101		%
Magnesium	24-2	1.62	1.52	-0.13	1.00	98.13	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:33:49	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.05	0.06	0.00	0.00		ppb
Molybdenum	94-1	0.20	0.15	0.16	0.17	14.14	ppb
Molybdenum	95-1	0.28	0.19	0.21	0.23	20.79	ppb
Molybdenum	96-1	0.26	0.23	0.26	0.25	6.80	ppb
Molybdenum	97-1	0.24	0.26	0.21	0.24	10.07	ppb
Molybdenum	98-1	0.27	0.18	0.21	0.22	19.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.04	0.06	0.02	166.48	ppb
Phosphorus	31-2	1.23	14.01	-9.76	1.82	652.31	ppb
Potassium	39-2	31.38	52.48	66.63	50.16	35.36	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.31	0.89	0.37	0.52	61.94	ppb
Selenium	82-1	0.26	-0.19	0.14	0.07	345.18	ppb
Silicon	28-1	-5.74	-9.18	-9.35	-8.09		ppb
Silver	109-1	0.03	0.03	0.02	0.03	11.14	ppb
Silver	107-1	0.03	0.03	0.03	0.03	1.09	ppb
Sodium	23-2	62.44	90.43	81.65	78.17	18.31	ppb
Strontium	86-1	0.03	0.00	-0.03	0.00		ppb
Strontium	88-1	-0.01	0.00	-0.01	-0.01		ppb
Sulfur	34-1	-1930.95	-2635.26	-2564.22	-2376.81		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.18	0.12	0.17	0.16	19.25	ppb
Thallium	205-1	0.17	0.16	0.14	0.16	9.64	ppb
Tin	118-1	0.05	0.02	0.00	0.03	99.42	ppb
Titanium	47-1	-0.02	0.00	0.02	0.00	1172.89	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	126.24	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	161.08	ppb
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	-0.01	0.09	-0.02	0.02	268.16	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:33:49	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.02	0.02	23.02	ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:37:11	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.42	20.91	21.16	18.50	23.78	ppb
Antimony	121-1	1.99	2.07	2.27	2.11	6.72	ppb
Arsenic	75-1	1.02	1.04	1.12	1.06	5.21	ppb
Barium	135-1	9.52	10.20	9.92	9.88	3.45	ppb
Barium	137-1	9.66	10.04	10.55	10.09	4.42	ppb
Beryllium	9-1	1.07	1.01	1.12	1.07	5.18	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	29.83	32.73	32.84	31.80	5.36	ppb
Boron	11-1	29.94	30.51	33.02	31.16	5.26	ppb
Cadmium	111-1	0.96	1.16	1.05	1.06	9.41	ppb
Cadmium	106-1	-0.47	2.50	0.81	0.94	158.02	ppb
Cadmium	108-1	0.85	1.14	0.97	0.99	15.15	ppb
Calcium	43-1	481.69	478.79	488.52	483.00	1.03	ppb
Calcium	44-1	485.00	487.55	502.75	491.77	1.95	ppb
Chromium	52-2	2.12	2.07	2.39	2.19	7.84	ppb
Cobalt	59-2	0.96	1.04	1.09	1.03	6.40	ppb
Copper	63-2	2.08	2.25	2.32	2.22	5.44	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				105		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	51.40	55.81	56.81	54.67	5.27	ppb
Iron	57-2	54.58	54.61	55.85	55.01	1.31	ppb
Krypton	83-1						cps
Lead	206-1	1.09	1.04	1.11	1.08	3.34	ppb
Lead	207-1	1.05	1.04	1.04	1.04	0.69	ppb
Lead	208-1	1.05	1.05	1.11	1.07	3.27	ppb
Lithium	6-1				99		%
Magnesium	24-2	508.90	533.14	562.84	534.96	5.05	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:37:11	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.96	1.08	0.99	1.01	6.28	ppb
Molybdenum	94-1	5.00	5.30	5.49	5.26	4.75	ppb
Molybdenum	95-1	5.26	4.98	5.45	5.23	4.50	ppb
Molybdenum	96-1	4.95	5.18	5.38	5.17	4.13	ppb
Molybdenum	97-1	5.49	5.44	5.37	5.43	1.05	ppb
Molybdenum	98-1	4.92	5.10	5.43	5.15	4.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.21	1.18	1.17	4.60	ppb
Phosphorus	31-2	-9.76	1.87	26.25	6.12	300.42	ppb
Potassium	39-2	532.75	548.81	617.44	566.33	7.94	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	11.80	3.08	3.19	6.02	83.11	ppb
Selenium	78-2	5.27	4.48	4.65	4.80	8.73	ppb
Selenium	82-1	5.28	5.52	5.34	5.38	2.31	ppb
Silicon	28-1	7.12	8.27	11.32	8.90	24.43	ppb
Silver	109-1	1.05	1.11	1.09	1.08	2.81	ppb
Silver	107-1	1.03	1.11	1.03	1.06	4.36	ppb
Sodium	23-2	579.79	616.54	629.06	608.46	4.21	ppb
Strontium	86-1	1.00	0.95	1.11	1.02	7.96	ppb
Strontium	88-1	1.06	1.01	1.09	1.05	3.59	ppb
Sulfur	34-1	-1981.00	-2105.16	-1483.18	-1856.44		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	1.13	1.15	1.05	1.11	4.81	ppb
Thallium	205-1	1.12	1.12	1.16	1.13	2.17	ppb
Tin	118-1	5.12	5.16	5.10	5.13	0.57	ppb
Titanium	47-1	4.80	5.02	4.99	4.94	2.44	ppb
Uranium	238-1	0.96	0.99	0.98	0.97	1.54	ppb
Vanadium	51-2	4.77	4.57	5.06	4.80	5.10	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	2.43	2.74	2.18	2.45	11.48	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:37:11	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.07	1.03	1.14	1.08	4.98	ppb
Zirconium	91-1	1.11	1.17	1.14	1.14	2.61	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:40:33	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.02	17.88	20.80	18.90	8.72	ppb
Antimony	121-1	2.07	2.04	2.26	2.13	5.58	ppb
Arsenic	75-1	1.05	1.00	1.15	1.07	7.34	ppb
Barium	135-1	10.35	9.73	10.81	10.30	5.26	ppb
Barium	137-1	10.17	9.46	11.27	10.30	8.88	ppb
Beryllium	9-1	1.02	1.05	1.22	1.09	9.77	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	10-1	30.47	28.94	33.84	31.08	8.05	ppb
Boron	11-1	29.72	30.09	33.01	30.94	5.82	ppb
Cadmium	111-1	1.10	0.98	1.08	1.05	6.15	ppb
Cadmium	106-1	1.51	1.32	1.32	1.38	8.03	ppb
Cadmium	108-1	0.85	1.28	1.13	1.09	19.87	ppb
Calcium	43-1	498.00	489.53	535.38	507.64	4.81	ppb
Calcium	44-1	498.47	476.77	545.70	506.98	6.95	ppb
Chromium	52-2	2.19	2.25	2.01	2.15	5.73	ppb
Cobalt	59-2	1.08	0.98	1.01	1.03	5.00	ppb
Copper	63-2	2.11	2.21	2.11	2.15	2.75	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				105		%
Iron	56-2	54.38	54.40	52.83	53.87	1.67	ppb
Iron	57-2	47.56	59.41	47.33	51.43	13.43	ppb
Krypton	83-1						cps
Lead	206-1	1.04	0.97	1.19	1.07	10.44	ppb
Lead	207-1	1.08	0.99	1.11	1.06	6.05	ppb
Lead	208-1	1.07	1.02	1.18	1.09	7.20	ppb
Lithium	6-1				99		%
Magnesium	24-2	535.56	523.86	548.29	535.90	2.28	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:40:33	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.82	1.04	1.14	1.00	16.18	ppb
Molybdenum	94-1	5.31	4.92	5.71	5.31	7.44	ppb
Molybdenum	95-1	5.16	4.92	5.54	5.21	6.00	ppb
Molybdenum	96-1	4.96	5.00	5.83	5.26	9.34	ppb
Molybdenum	97-1	4.93	5.16	5.66	5.25	7.15	ppb
Molybdenum	98-1	5.18	5.10	5.65	5.31	5.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.05	1.23	1.13	8.03	ppb
Phosphorus	31-2	1.45	12.53	12.70	8.89	72.51	ppb
Potassium	39-2	541.69	537.75	558.57	546.00	2.03	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	6.08	6.04	3.02	5.05	34.70	ppb
Selenium	78-2	4.41	7.92	1.35	4.56	72.14	ppb
Selenium	82-1	5.03	5.40	6.29	5.57	11.61	ppb
Silicon	28-1	9.83	7.22	16.21	11.09	41.71	ppb
Silver	109-1	0.99	1.04	1.18	1.07	9.22	ppb
Silver	107-1	1.11	1.05	1.18	1.11	5.85	ppb
Sodium	23-2	578.95	576.61	583.53	579.70	0.61	ppb
Strontium	86-1	0.95	1.01	1.21	1.06	12.75	ppb
Strontium	88-1	1.06	1.00	1.17	1.08	8.22	ppb
Sulfur	34-1	-1646.83	-2247.25	-598.18	-1497.42		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	1.11	1.07	1.24	1.14	7.60	ppb
Thallium	205-1	1.14	1.05	1.24	1.14	8.19	ppb
Tin	118-1	5.39	5.10	5.78	5.42	6.35	ppb
Titanium	47-1	5.38	4.77	5.48	5.21	7.37	ppb
Uranium	238-1	1.01	0.97	1.09	1.02	6.24	ppb
Vanadium	51-2	5.08	4.91	4.92	4.97	1.98	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	2.38	2.25	2.40	2.34	3.33	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:40:33	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.03	1.07	1.24	1.11	10.02	ppb
Zirconium	91-1	1.10	1.09	1.12	1.10	1.68	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	PB113257BL	Instrumnet Name :	P8
Client Sample ID :	PB113257BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:43:55	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.34	-0.17	1.07	0.42	150.26	ppb
Antimony	121-1	0.02	0.02	0.04	0.03	42.04	ppb
Arsenic	75-1	0.00	0.00	0.04	0.01	160.94	ppb
Barium	135-1	0.01	0.01	0.00	0.01	82.64	ppb
Barium	137-1	0.00	-0.02	0.00	-0.01		ppb
Beryllium	9-1	0.01	0.03	0.03	0.02	64.19	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	6.16	6.39	6.29	6.28	1.83	ppb
Boron	11-1	6.15	6.20	6.32	6.22	1.37	ppb
Cadmium	111-1	-0.04	-0.01	0.01	-0.01		ppb
Cadmium	106-1	-0.63	-0.07	0.03	-0.22		ppb
Cadmium	108-1	0.00	0.03	0.00	0.01	238.80	ppb
Calcium	43-1	0.31	-2.37	-7.46	-3.17		ppb
Calcium	44-1	4.99	6.21	5.46	5.55	11.11	ppb
Chromium	52-2	-0.04	0.06	-0.14	-0.04		ppb
Cobalt	59-2	-0.02	0.00	0.04	0.01	324.87	ppb
Copper	63-2	0.04	0.03	0.06	0.04	31.12	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				102		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	0.04	0.18	0.31	0.18	74.91	ppb
Iron	57-2	3.50	-1.60	0.38	0.76	338.71	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.04	0.04	0.05	28.02	ppb
Lead	207-1	0.03	0.04	0.04	0.03	21.88	ppb
Lead	208-1	0.04	0.04	0.04	0.04	11.51	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.70	1.14	0.98	0.94	24.04	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	PB113257BL	Instrumnet Name :	P8
Client Sample ID :	PB113257BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:43:55	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.02	-0.02	0.00		ppb
Molybdenum	94-1	0.03	0.03	0.00	0.02	82.39	ppb
Molybdenum	95-1	0.04	0.06	0.04	0.05	20.29	ppb
Molybdenum	96-1	0.05	0.03	0.04	0.04	25.73	ppb
Molybdenum	97-1	0.05	0.03	0.05	0.04	20.33	ppb
Molybdenum	98-1	0.03	0.04	0.04	0.04	12.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.02	-0.01	0.00	1394.76	ppb
Phosphorus	31-2	-9.76	13.44	-9.76	-2.03		ppb
Potassium	39-2	13.30	27.73	37.89	26.31	46.97	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.34	-0.18	0.89	0.35	152.14	ppb
Selenium	82-1	0.54	-0.11	0.62	0.35	115.71	ppb
Silicon	28-1	-6.83	-7.45	-6.65	-6.97		ppb
Silver	109-1	0.00	0.01	0.01	0.01	86.62	ppb
Silver	107-1	0.01	0.01	0.00	0.01	92.04	ppb
Sodium	23-2	53.38	58.26	56.91	56.19	4.49	ppb
Strontium	86-1	-0.02	0.07	-0.02	0.01	578.03	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	131.14	ppb
Sulfur	34-1	-1563.14	-1867.14	-1678.50	-1702.93		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.08	0.08	0.08	0.08	4.77	ppb
Thallium	205-1	0.07	0.09	0.07	0.08	14.84	ppb
Tin	118-1	-0.01	-0.01	-0.02	-0.01		ppb
Titanium	47-1	0.00	-0.01	-0.05	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	226.47	ppb
Vanadium	51-2	-0.01	0.00	0.02	0.00	244.87	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	0.11	-0.05	-0.05	0.00	79004.44	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	PB113257BL	Instrumnet Name :	P8
Client Sample ID :	PB113257BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:43:55	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.02	0.01	74.34	ppb
Zirconium	91-1	-0.02	-0.01	-0.02	-0.02		ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	J5026-03	Instrumnet Name :	P8
Client Sample ID :	1732	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:47:17	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.52	4.57	0.26	2.45	87.95	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	36.21	ppb
Arsenic	75-1	0.01	0.02	0.06	0.03	90.42	ppb
Barium	135-1	0.08	0.14	0.15	0.13	31.09	ppb
Barium	137-1	0.14	0.16	0.13	0.14	11.55	ppb
Beryllium	9-1	0.02	0.00	0.08	0.03	141.64	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	21.29	22.26	21.98	21.84	2.30	ppb
Boron	11-1	20.00	21.73	22.88	21.54	6.73	ppb
Cadmium	111-1	0.02	0.08	-0.02	0.03	184.89	ppb
Cadmium	106-1	0.19	0.91	-0.43	0.22	298.92	ppb
Cadmium	108-1	0.00	0.09	0.14	0.08	95.91	ppb
Calcium	43-1	32704.06	32094.02	34559.04	33119.04	3.88	ppb
Calcium	44-1	32785.81	31733.52	34692.89	33070.74	4.54	ppb
Chromium	52-2	0.14	-0.03	-0.08	0.01	950.98	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00		ppb
Copper	63-2	0.06	0.06	0.06	0.06	4.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				106		%
Iron	56-2	2.06	2.29	1.76	2.04	12.96	ppb
Iron	57-2	0.40	-0.28	0.42	0.18	218.62	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.09	0.09	0.09	4.23	ppb
Lead	207-1	0.06	0.07	0.09	0.07	16.44	ppb
Lead	208-1	0.08	0.07	0.08	0.08	8.82	ppb
Lithium	6-1				100		%
Magnesium	24-2	6082.85	5817.66	6066.94	5989.15	2.48	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	J5026-03	Instrumnet Name :	P8
Client Sample ID :	1732	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:47:17	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.24	0.25	0.23	0.24	4.46	ppb
Molybdenum	94-1	0.09	0.08	0.12	0.10	21.79	ppb
Molybdenum	95-1	0.07	0.01	0.06	0.05	64.54	ppb
Molybdenum	96-1	0.04	0.05	0.05	0.05	10.99	ppb
Molybdenum	97-1	0.05	0.04	0.08	0.06	32.85	ppb
Molybdenum	98-1	0.03	0.04	0.06	0.04	34.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.08	0.07	0.08	6.22	ppb
Phosphorus	31-2	12.84	-9.76	24.28	9.12	190.00	ppb
Potassium	39-2	14496.75	14014.92	14360.06	14290.58	1.74	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	3.03	2.89	0.00	1.97	86.68	ppb
Selenium	78-2	0.33	0.31	0.33	0.32	4.17	ppb
Selenium	82-1	-0.64	0.50	-0.08	-0.07		ppb
Silicon	28-1	31.67	29.58	37.58	32.94	12.59	ppb
Silver	109-1	0.01	0.01	0.00	0.01	68.93	ppb
Silver	107-1	0.00	0.00	0.01	0.01	86.26	ppb
Sodium	23-2	17497.78	17199.63	17740.52	17479.31	1.55	ppb
Strontium	86-1	9.47	9.67	10.24	9.79	4.04	ppb
Strontium	88-1	9.90	9.66	10.48	10.02	4.21	ppb
Sulfur	34-1	-1316.43	-1441.24	39.62	-906.02		ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	0.07	0.06	0.10	0.08	24.94	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	3.42	ppb
Tin	118-1	-0.01	-0.02	0.01	-0.01		ppb
Titanium	47-1	0.20	0.15	0.16	0.17	16.63	ppb
Uranium	238-1	0.02	0.03	0.03	0.03	13.09	ppb
Vanadium	51-2	0.00	0.00	0.02	0.01	172.73	ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	0.36	0.15	0.17	0.23	51.73	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	J5026-03	Instrumnet Name :	P8
Client Sample ID :	1732	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:47:17	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.07	0.05	0.05	26.54	ppb
Zirconium	91-1	0.04	0.04	0.01	0.03	46.44	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	J5026-02	Instrumnet Name :	P8
Client Sample ID :	1706	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:53:59	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	299.24	295.87	293.36	296.16	1.00	ppb
Antimony	121-1	21.13	21.44	21.79	21.45	1.53	ppb
Arsenic	75-1	11.97	11.63	12.01	11.87	1.76	ppb
Barium	135-1	2684.82	2695.16	2757.76	2712.58	1.45	ppb
Barium	137-1	2673.47	2690.12	2705.78	2689.79	0.60	ppb
Beryllium	9-1	4.72	4.77	4.99	4.83	3.00	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	875.60	907.50	952.84	911.98	4.26	ppb
Boron	11-1	854.59	888.23	926.21	889.68	4.03	ppb
Cadmium	111-1	43.52	44.19	43.61	43.77	0.83	ppb
Cadmium	106-1	37.78	40.63	41.80	40.07	5.16	ppb
Cadmium	108-1	39.72	39.63	41.97	40.44	3.29	ppb
Calcium	43-1	0.48	1.40	-1.01	0.29	420.83	ppb
Calcium	44-1	4.96	7.96	6.93	6.62	23.05	ppb
Chromium	52-2	182.09	181.67	183.09	182.28	0.40	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	58.65	ppb
Copper	63-2	1401.64	1394.45	1378.05	1391.38	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	909.36	903.30	906.24	906.30	0.33	ppb
Iron	57-2	931.28	899.35	891.74	907.46	2.31	ppb
Krypton	83-1						cps
Lead	206-1	48.88	47.96	49.78	48.87	1.87	ppb
Lead	207-1	43.30	43.60	45.04	43.98	2.12	ppb
Lead	208-1	46.67	46.35	47.86	46.96	1.69	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.31	0.71	-0.76	0.09	864.54	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	J5026-02	Instrumnet Name :	P8
Client Sample ID :	1706	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:53:59	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	149.04	147.52	146.76	147.77	0.79	ppb
Molybdenum	94-1	47.56	47.53	47.57	47.55	0.04	ppb
Molybdenum	95-1	66.36	68.09	69.02	67.82	1.99	ppb
Molybdenum	96-1	64.43	65.62	66.24	65.43	1.41	ppb
Molybdenum	97-1	66.82	69.35	67.71	67.96	1.89	ppb
Molybdenum	98-1	67.92	67.97	69.26	68.39	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	144.71	143.95	142.53	143.73	0.77	ppb
Phosphorus	31-2	1.87	-9.76	-9.76	-5.89		ppb
Potassium	39-2	38.25	33.02	48.80	40.02	20.08	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	42.85	81.87	57.65	60.79	32.40	ppb
Selenium	78-2	76.34	70.54	70.59	72.49	4.60	ppb
Selenium	82-1	67.70	67.91	69.19	68.27	1.18	ppb
Silicon	28-1	50.79	52.84	53.23	52.29	2.50	ppb
Silver	109-1	244.66	248.48	246.55	246.56	0.77	ppb
Silver	107-1	242.17	248.91	249.80	246.96	1.69	ppb
Sodium	23-2	62.44	57.77	61.03	60.41	3.97	ppb
Strontium	86-1	0.01	0.03	0.02	0.02	45.37	ppb
Strontium	88-1	0.01	0.02	0.01	0.01	36.92	ppb
Sulfur	34-1	-1584.89	-1546.82	-1373.65	-1501.79		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	3.74	3.68	3.91	3.78	3.28	ppb
Thallium	205-1	3.62	3.78	3.77	3.72	2.38	ppb
Tin	118-1	-0.02	-0.01	0.01	-0.01		ppb
Titanium	47-1	0.00	-0.01	0.05	0.01	242.66	ppb
Uranium	238-1	91.73	95.61	95.24	94.19	2.28	ppb
Vanadium	51-2	220.38	219.83	218.98	219.73	0.32	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	334.18	336.97	334.33	335.16	0.47	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	J5026-02	Instrumnet Name :	P8
Client Sample ID :	1706	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:53:59	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.06	0.07	0.06	4.25	ppb
Zirconium	91-1	0.05	0.07	0.04	0.05	31.10	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	PB113257BS	Instrumnet Name :	P8
Client Sample ID :	PB113257BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 20:00:40	DataFile Name :	026LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10287.53	9783.99	9843.06	9971.53	2.76	ppb
Antimony	121-1	508.30	499.43	459.79	489.17	5.28	ppb
Arsenic	75-1	490.84	497.74	457.46	482.01	4.47	ppb
Barium	135-1	2539.61	2519.41	2317.89	2458.97	4.99	ppb
Barium	137-1	2493.38	2511.80	2304.91	2436.70	4.70	ppb
Beryllium	9-1	491.40	493.28	461.90	482.19	3.65	ppb
Bismuth	209-1				110		%
Bismuth	209-2				100		%
Boron	10-1	485.60	507.30	482.99	491.96	2.71	ppb
Boron	11-1	481.37	508.18	487.97	492.50	2.84	ppb
Cadmium	111-1	499.35	499.89	455.46	484.90	5.26	ppb
Cadmium	106-1	510.39	487.93	459.08	485.80	5.29	ppb
Cadmium	108-1	493.70	490.85	451.39	478.65	4.94	ppb
Calcium	43-1	48552.33	49352.00	45609.14	47837.82	4.12	ppb
Calcium	44-1	48499.84	49418.60	45386.88	47768.44	4.42	ppb
Chromium	52-2	527.93	505.84	505.04	512.93	2.53	ppb
Cobalt	59-2	527.83	502.42	501.05	510.43	2.95	ppb
Copper	63-2	1074.79	1033.26	1019.51	1042.52	2.76	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				111		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	56-2	27227.90	26092.86	25826.15	26382.30	2.82	ppb
Iron	57-2	27126.52	25868.48	25768.58	26254.53	2.88	ppb
Krypton	83-1						cps
Lead	206-1	491.59	501.95	452.92	482.15	5.36	ppb
Lead	207-1	498.75	498.68	465.32	487.58	3.95	ppb
Lead	208-1	497.56	501.33	460.06	486.32	4.69	ppb
Lithium	6-1				101		%
Magnesium	24-2	56688.59	53117.93	53633.88	54480.14	3.54	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	PB113257BS	Instrumnet Name :	P8
Client Sample ID :	PB113257BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 20:00:40	DataFile Name :	026LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1061.74	1014.82	1013.58	1030.05	2.67	ppb
Molybdenum	94-1	2467.85	2510.75	2307.92	2428.84	4.40	ppb
Molybdenum	95-1	2464.06	2542.76	2309.67	2438.83	4.86	ppb
Molybdenum	96-1	2462.41	2529.44	2317.75	2436.53	4.44	ppb
Molybdenum	97-1	2481.12	2534.07	2349.09	2454.76	3.88	ppb
Molybdenum	98-1	2454.20	2530.21	2317.73	2434.05	4.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	528.84	502.57	508.29	513.23	2.69	ppb
Phosphorus	31-2	9880.43	9774.11	10185.68	9946.74	2.15	ppb
Potassium	39-2	26725.94	25379.00	25389.41	25831.45	3.00	ppb
Rhodium	103-1				104		%
Rhodium	103-2				97		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	77-2	586.52	428.07	560.12	524.90	16.17	ppb
Selenium	78-2	513.62	494.08	515.42	507.71	2.33	ppb
Selenium	82-1	488.72	506.16	462.39	485.76	4.54	ppb
Silicon	28-1	490.88	510.24	469.63	490.25	4.14	ppb
Silver	109-1	499.68	504.69	463.96	489.44	4.54	ppb
Silver	107-1	513.86	500.31	460.90	491.69	5.60	ppb
Sodium	23-2	56531.16	53380.73	53237.89	54383.26	3.42	ppb
Strontium	86-1	484.22	495.54	459.32	479.70	3.86	ppb
Strontium	88-1	489.32	500.62	457.95	482.63	4.58	ppb
Sulfur	34-1	9275.34	9290.85	7300.41	8622.20	13.28	ppb
Terbium	159-1				110		%
Terbium	159-2				102		%
Thallium	203-1	495.95	500.93	459.08	485.32	4.71	ppb
Thallium	205-1	488.65	503.64	453.40	481.89	5.35	ppb
Tin	118-1	510.49	503.30	459.74	491.18	5.59	ppb
Titanium	47-1	2523.39	2552.75	2357.64	2477.93	4.25	ppb
Uranium	238-1	488.22	496.93	459.88	481.68	4.02	ppb
Vanadium	51-2	524.34	498.48	500.53	507.78	2.83	ppb
Yttrium	89-1				108		%
Yttrium	89-2				100		%
Zinc	66-2	1067.48	1023.58	1020.80	1037.29	2.52	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	PB113257BS	Instrumnet Name :	P8
Client Sample ID :	PB113257BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 20:00:40	DataFile Name :	026LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	497.57	497.51	461.27	485.45	4.31	ppb
Zirconium	91-1	490.04	496.14	462.09	482.76	3.76	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 20:07:02	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50258.66	49360.39	50098.69	49905.92	0.96	ppb
Antimony	121-1	501.10	492.43	497.82	497.12	0.88	ppb
Arsenic	75-1	495.01	475.50	477.54	482.68	2.22	ppb
Barium	135-1	2522.77	2484.77	2507.16	2504.90	0.76	ppb
Barium	137-1	2490.74	2437.16	2469.05	2465.65	1.09	ppb
Beryllium	9-1	515.10	503.13	496.47	504.90	1.87	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	10-1	537.73	532.81	538.87	536.47	0.60	ppb
Boron	11-1	536.05	532.37	541.71	536.71	0.88	ppb
Cadmium	111-1	486.21	474.76	480.32	480.43	1.19	ppb
Cadmium	106-1	482.75	476.60	485.10	481.48	0.91	ppb
Cadmium	108-1	490.06	476.55	478.64	481.75	1.51	ppb
Calcium	43-1	235680.28	230218.61	230258.62	232052.50	1.35	ppb
Calcium	44-1	235585.64	229626.83	228788.22	231333.56	1.60	ppb
Chromium	52-2	497.75	494.68	498.91	497.11	0.44	ppb
Cobalt	59-2	476.32	471.53	475.61	474.49	0.54	ppb
Copper	63-2	948.56	938.13	941.24	942.64	0.57	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				107		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				105		%
Iron	56-2	121554.19	120201.43	120346.96	120700.86	0.62	ppb
Iron	57-2	123069.03	122305.07	123361.65	122911.92	0.44	ppb
Krypton	83-1						cps
Lead	206-1	517.38	496.17	497.52	503.69	2.36	ppb
Lead	207-1	516.67	498.19	503.74	506.20	1.87	ppb
Lead	208-1	519.84	501.39	501.74	507.66	2.08	ppb
Lithium	6-1				96		%
Magnesium	24-2	244699.39	244835.45	244502.43	244679.09	0.07	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 20:07:02	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	984.87	973.26	979.85	979.33	0.59	ppb
Molybdenum	94-1	2513.18	2442.11	2422.50	2459.26	1.94	ppb
Molybdenum	95-1	2533.46	2430.61	2425.43	2463.17	2.47	ppb
Molybdenum	96-1	2522.77	2463.13	2426.59	2470.83	1.97	ppb
Molybdenum	97-1	2536.09	2485.09	2461.67	2494.28	1.53	ppb
Molybdenum	98-1	2528.00	2478.71	2440.73	2482.48	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.05	482.36	485.63	485.01	0.50	ppb
Phosphorus	31-2	9598.60	9334.91	10059.16	9664.22	3.79	ppb
Potassium	39-2	124214.76	122849.82	123897.90	123654.16	0.58	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	489.02	445.24	488.06	474.11	5.27	ppb
Selenium	78-2	464.45	469.33	470.58	468.12	0.69	ppb
Selenium	82-1	492.77	483.12	472.70	482.87	2.08	ppb
Silicon	28-1	529.29	516.45	518.86	521.53	1.31	ppb
Silver	109-1	493.66	480.74	484.63	486.34	1.36	ppb
Silver	107-1	492.53	484.03	493.33	489.96	1.05	ppb
Sodium	23-2	244190.82	242197.65	244177.45	243521.97	0.47	ppb
Strontium	86-1	500.95	488.65	478.68	489.43	2.28	ppb
Strontium	88-1	503.98	494.91	482.92	493.93	2.14	ppb
Sulfur	34-1	9694.74	8519.37	8641.24	8951.78	7.22	ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	514.64	503.63	503.00	507.09	1.29	ppb
Thallium	205-1	514.97	499.13	494.95	503.02	2.10	ppb
Tin	118-1	508.07	495.57	497.30	500.32	1.35	ppb
Titanium	47-1	2583.13	2499.48	2481.47	2521.36	2.15	ppb
Uranium	238-1	529.63	507.37	500.07	512.36	3.00	ppb
Vanadium	51-2	485.41	484.22	486.59	485.40	0.24	ppb
Yttrium	89-1				105		%
Yttrium	89-2				108		%
Zinc	66-2	960.59	952.85	952.62	955.35	0.47	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 20:07:02	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	509.06	494.03	493.68	498.93	1.76	ppb
Zirconium	91-1	507.49	491.24	489.46	496.06	2.00	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 20:10:11	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.28	2.31	1.55	1.38	74.05	ppb
Antimony	121-1	0.28	0.33	0.37	0.33	14.82	ppb
Arsenic	75-1	0.04	0.03	0.05	0.04	26.36	ppb
Barium	135-1	0.03	0.01	0.01	0.01	90.57	ppb
Barium	137-1	0.02	0.02	0.01	0.01	27.19	ppb
Beryllium	9-1	0.09	0.09	0.14	0.11	29.82	ppb
Bismuth	209-1				106		%
Bismuth	209-2				108		%
Boron	10-1	34.45	31.31	30.15	31.97	6.95	ppb
Boron	11-1	34.59	30.58	30.27	31.81	7.57	ppb
Cadmium	111-1	-0.03	0.04	0.07	0.02	222.07	ppb
Cadmium	106-1	-0.77	0.42	0.55	0.07	1096.58	ppb
Cadmium	108-1	0.17	0.03	0.03	0.08	103.15	ppb
Calcium	43-1	-7.47	-2.75	-2.80	-4.34		ppb
Calcium	44-1	13.45	10.22	15.08	12.91	19.15	ppb
Chromium	52-2	-0.11	-0.08	-0.09	-0.09		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	128.07	ppb
Copper	63-2	0.04	0.10	0.11	0.08	46.25	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				105		%
Indium	115-2				107		%
Iron	56-2	0.92	1.15	0.99	1.02	11.98	ppb
Iron	57-2	-1.04	-0.46	-0.75	-0.75		ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.12	0.10	0.10	18.32	ppb
Lead	207-1	0.11	0.09	0.09	0.09	11.17	ppb
Lead	208-1	0.09	0.10	0.10	0.10	3.48	ppb
Lithium	6-1				99		%
Magnesium	24-2	3.96	0.61	0.41	1.66	120.49	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 20:10:11	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.02	0.05	0.02	83.57	ppb
Molybdenum	94-1	0.51	0.44	0.45	0.47	8.47	ppb
Molybdenum	95-1	0.78	0.68	0.62	0.70	11.80	ppb
Molybdenum	96-1	0.75	0.70	0.55	0.67	15.49	ppb
Molybdenum	97-1	0.67	0.67	0.57	0.64	9.08	ppb
Molybdenum	98-1	0.66	0.66	0.65	0.65	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.01	0.01	0.02	94.33	ppb
Phosphorus	31-2	-9.76	-9.76	1.63	-5.97		ppb
Potassium	39-2	79.05	66.67	73.59	73.10	8.49	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.82	-0.18	0.32	0.32	155.29	ppb
Selenium	82-1	0.18	0.25	0.89	0.44	89.31	ppb
Silicon	28-1	-5.17	-6.06	-2.44	-4.56		ppb
Silver	109-1	0.05	0.04	0.06	0.05	24.75	ppb
Silver	107-1	0.05	0.06	0.05	0.05	5.63	ppb
Sodium	23-2	103.41	101.63	95.05	100.03	4.40	ppb
Strontium	86-1	-0.02	0.06	0.00	0.01	299.23	ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	-2289.78	-2419.38	-1765.41	-2158.19		ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.29	0.30	0.23	0.27	13.64	ppb
Thallium	205-1	0.27	0.26	0.28	0.27	3.07	ppb
Tin	118-1	0.04	0.07	0.07	0.06	27.00	ppb
Titanium	47-1	0.09	0.07	0.00	0.05	89.54	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	33.45	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	213.61	ppb
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	0.14	-0.04	-0.03	0.02	449.57	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 20:10:11	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.02	0.02	25.54	ppb
Zirconium	91-1	0.03	0.02	0.01	0.02	47.71	ppb

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:31:14	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	30	30	37	31.48	cps
Antimony	121-1	175	117	133	142	21.21	cps
Arsenic	75-1	414	501	487	468	9.97	cps
Barium	135-1	25	8	33	22	57.30	cps
Barium	137-1	42	50	50	47	10.18	cps
Beryllium	9-1	83	100	67	83	20.00	cps
Bismuth	209-1	4092634	4079036	4071671	4081114	0.26	cps
Bismuth	209-2	1788614	1805563	1825069	1806415	1.01	cps
Boron	10-1	367	242	383	331	23.42	cps
Boron	11-1	1684	1400	1200	1428	17.01	cps
Cadmium	111-1	735	926	845	835	11.50	cps
Cadmium	106-1	1042	1325	1183	1183	11.97	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Calcium	43-1	442	558	542	514	12.28	cps
Calcium	44-1	27478	27996	27561	27678	1.00	cps
Chromium	52-2	920	890	980	930	4.93	cps
Cobalt	59-2	90	67	83	80	15.02	cps
Copper	63-2	553	497	563	538	6.69	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	33	42	39	12.38	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	17	67	42	42	60.00	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	6629414	6582526	6692260	6634733	0.83	cps
Holmium	165-2	2294750	2303179	2284251	2294060	0.41	cps
Indium	115-1	5986238	6027405	6075190	6029611	0.74	cps
Indium	115-2	411415	411589	412517	411841	0.14	cps
Iron	56-2	1800	1800	1695	1765	3.45	cps
Iron	57-2	78	67	61	69	12.39	cps
Krypton	83-1	437	393	437	422	5.92	cps
Lead	206-1	233	217	144	198	23.85	cps
Lead	207-1	194	217	178	196	9.94	cps
Lead	208-1	939	978	728	882	15.26	cps
Lithium	6-1	1627934	1624611	1630906	1627817	0.19	cps
Magnesium	24-2	175	242	200	206	16.38	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:31:14	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	43	27	40	30.04	cps
Molybdenum	94-1	275	250	300	275	9.09	cps
Molybdenum	95-1	75	92	67	78	16.37	cps
Molybdenum	96-1	108	142	83	111	26.34	cps
Molybdenum	97-1	100	67	58	75	29.39	cps
Molybdenum	98-1	167	150	108	142	21.21	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43	53	50	49	10.42	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	3484	3726	3701	3637	3.66	cps
Rhodium	103-1	6045625	6013822	6040610	6033352	0.28	cps
Rhodium	103-2	2091859	2080798	2070107	2080921	0.52	cps
Scandium	45-1	4439215	4410834	4446155	4432068	0.42	cps
Scandium	45-2	48564	48962	47942	48489	1.06	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-79	20	-17	-25	-198.93	cps
Silicon	28-1	319727	322304	322022	321351	0.44	cps
Silver	109-1	58	42	92	64	39.85	cps
Silver	107-1	42	108	92	81	43.07	cps
Sodium	23-2	8261	8570	8570	8467	2.10	cps
Strontium	86-1	517	633	642	597	11.70	cps
Strontium	88-1	275	392	292	319	19.75	cps
Sulfur	34-1	430539	431244	431958	431247	0.16	cps
Terbium	159-1	7096955	6964163	7037619	7032912	0.95	cps
Terbium	159-2	2319681	2327750	2314975	2320802	0.28	cps
Thallium	203-1	108	75	125	103	24.77	cps
Thallium	205-1	275	242	325	281	14.95	cps
Tin	118-1	275	283	367	308	16.44	cps
Titanium	47-1	133	125	92	117	18.90	cps
Uranium	238-1	17	17	17	17	0.00	cps
Vanadium	51-2	17	3	13	11	62.48	cps
Yttrium	89-1	6644653	6708872	6615701	6656409	0.72	cps
Yttrium	89-2	308847	309669	309318	309278	0.13	cps
Zinc	66-2	73	103	93	90	16.97	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:31:14	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	508	600	458	522	13.76	cps
Zirconium	91-1	158	83	175	139	35.16	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:37:57	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	288	238	258	10.07	cps
Antimony	121-1	14609	15084	14784	14825	1.62	cps
Arsenic	75-1	2913	2814	2755	2827	2.84	cps
Barium	135-1	14817	15334	14325	14826	3.40	cps
Barium	137-1	25267	25701	26018	25662	1.47	cps
Beryllium	9-1	1706	1695	1683	1695	0.66	cps
Bismuth	209-1	4494295	4185153	3846218	4175222	7.76	cps
Bismuth	209-2	1745560	1786506	1841066	1791044	2.68	cps
Boron	10-1	4343	4351	4743	4479	5.11	cps
Boron	11-1	21776	22176	21859	21937	0.96	cps
Cadmium	111-1	2735	2596	2484	2605	4.83	cps
Cadmium	106-1	1533	1533	1167	1411	15.00	cps
Cadmium	108-1	121	146	125	131	10.26	cps
Calcium	43-1	11522	10988	11463	11324	2.59	cps
Calcium	44-1	192478	191254	191910	191881	0.32	cps
Chromium	52-2	3270	3334	3087	3230	3.97	cps
Cobalt	59-2	2247	2320	2184	2250	3.04	cps
Copper	63-2	4494	4384	4321	4400	1.99	cps
Dysprosium	156-1	0	17	33	17	100.00	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	17	50	25	31	56.77	cps
Erbium	164-2	10	3	10	8	49.52	cps
Gadolinium	160-1	42	33	50	42	20.00	cps
Gadolinium	160-2	10	10	3	8	49.52	cps
Holmium	165-1	7387757	6771341	6056869	6738655	9.88	cps
Holmium	165-2	2204567	2270365	2347223	2274052	3.14	cps
Indium	115-1	6572932	6152926	5544232	6090030	8.49	cps
Indium	115-2	401420	417884	426789	415364	3.10	cps
Iron	56-2	40671	41295	41736	41234	1.30	cps
Iron	57-2	1028	995	1056	1026	2.98	cps
Krypton	83-1	413	403	417	411	1.69	cps
Lead	206-1	4306	4140	4345	4264	2.56	cps
Lead	207-1	3806	3834	3801	3814	0.47	cps
Lead	208-1	16766	16816	16755	16779	0.19	cps
Lithium	6-1	1763790	1668195	1547063	1659683	6.54	cps
Magnesium	24-2	21500	22235	21626	21787	1.80	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:37:57	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	367	373	443	394	10.77	cps
Molybdenum	94-1	13591	13315	13999	13635	2.52	cps
Molybdenum	95-1	16861	16628	16411	16633	1.35	cps
Molybdenum	96-1	18313	19523	18455	18764	3.53	cps
Molybdenum	97-1	10463	10538	10263	10421	1.37	cps
Molybdenum	98-1	26727	27504	27420	27217	1.57	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	713	670	747	710	5.41	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	15993	15676	15851	15840	1.00	cps
Rhodium	103-1	6546170	6120727	5563252	6076716	8.11	cps
Rhodium	103-2	1999256	2073154	2134809	2069073	3.28	cps
Scandium	45-1	4924430	4494399	4157018	4525282	8.50	cps
Scandium	45-2	46457	48373	49577	48136	3.27	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	24	13	31	23	40.82	cps
Selenium	82-1	608	570	583	587	3.29	cps
Silicon	28-1	396030	392184	395246	394487	0.52	cps
Silver	109-1	7853	7644	7961	7819	2.06	cps
Silver	107-1	8653	8228	8461	8447	2.52	cps
Sodium	23-2	58287	56856	55375	56839	2.56	cps
Strontium	86-1	2592	2900	2717	2737	5.67	cps
Strontium	88-1	18255	18922	18730	18636	1.84	cps
Sulfur	34-1	436865	436588	429928	434460	0.90	cps
Terbium	159-1	7774352	7041937	6515438	7110576	8.89	cps
Terbium	159-2	2235644	2311330	2393421	2313465	3.41	cps
Thallium	203-1	5051	5385	4693	5043	6.86	cps
Thallium	205-1	11631	12206	11814	11884	2.47	cps
Tin	118-1	25141	24966	24482	24863	1.37	cps
Titanium	47-1	4926	5435	5451	5271	5.66	cps
Uranium	238-1	14309	14009	14584	14300	2.01	cps
Vanadium	51-2	3821	3667	3844	3777	2.54	cps
Yttrium	89-1	7252280	6836187	6204199	6764222	7.80	cps
Yttrium	89-2	303892	313218	321757	312956	2.86	cps
Zinc	66-2	533	523	507	521	2.59	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:37:57	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11797	12481	12114	12131	2.82	cps
Zirconium	91-1	2834	2592	2800	2742	4.78	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:42:01	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9838	9778	9456	9691	2.12	cps
Antimony	121-1	366322	367483	369974	367926	0.51	cps
Arsenic	75-1	110475	113089	113605	112390	1.49	cps
Barium	135-1	376767	376645	380871	378094	0.64	cps
Barium	137-1	648073	650261	648033	648789	0.20	cps
Beryllium	9-1	80748	81452	80749	80983	0.50	cps
Bismuth	209-1	4098676	4114267	4112616	4108519	0.21	cps
Bismuth	209-2	1837907	1813955	1836352	1829404	0.73	cps
Boron	10-1	8620	9162	9212	8998	3.65	cps
Boron	11-1	42523	43751	45156	43810	3.01	cps
Cadmium	111-1	88867	87173	88508	88183	1.01	cps
Cadmium	106-1	10429	9637	10279	10115	4.16	cps
Cadmium	108-1	6373	6131	6022	6175	2.90	cps
Calcium	43-1	104948	106376	107072	106132	1.02	cps
Calcium	44-1	1770273	1775557	1752911	1766247	0.67	cps
Chromium	52-2	55633	55754	54877	55422	0.86	cps
Cobalt	59-2	107789	108431	106678	107633	0.82	cps
Copper	63-2	187330	188442	188023	187932	0.30	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	58	33	42	34.65	cps
Erbium	164-2	13	3	7	8	65.47	cps
Gadolinium	160-1	58	17	33	36	58.08	cps
Gadolinium	160-2	10	10	7	9	21.63	cps
Holmium	165-1	6643891	6685277	6779439	6702869	1.04	cps
Holmium	165-2	2290843	2323735	2294243	2302940	0.79	cps
Indium	115-1	5987982	6010277	5964575	5987611	0.38	cps
Indium	115-2	414883	415935	415706	415508	0.13	cps
Iron	56-2	1988727	1974357	1936154	1966413	1.38	cps
Iron	57-2	49009	49170	48362	48847	0.88	cps
Krypton	83-1	350	447	470	422	15.07	cps
Lead	206-1	196589	200213	198052	198285	0.92	cps
Lead	207-1	175165	175640	175730	175512	0.17	cps
Lead	208-1	787478	789750	788047	788425	0.15	cps
Lithium	6-1	1624090	1620103	1655940	1633377	1.20	cps
Magnesium	24-2	214357	212251	212961	213190	0.50	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:42:01	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33965	34422	33216	33868	1.80	cps
Molybdenum	94-1	684831	691337	693974	690047	0.68	cps
Molybdenum	95-1	843279	843180	847258	844572	0.28	cps
Molybdenum	96-1	926704	924288	933201	928064	0.50	cps
Molybdenum	97-1	523731	521751	522680	522721	0.19	cps
Molybdenum	98-1	1340511	1346033	1348985	1345176	0.32	cps
Neodymium	150-1	33	27	27	29	13.31	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	32294	32692	32418	32468	0.63	cps
Phosphorus	31-2	758	600	725	695	12.02	cps
Potassium	39-2	64733	64582	65017	64777	0.34	cps
Rhodium	103-1	5989936	5989474	5997253	5992221	0.07	cps
Rhodium	103-2	2072739	2073773	2069793	2072101	0.10	cps
Scandium	45-1	4434586	4414484	4489293	4446121	0.87	cps
Scandium	45-2	48584	48350	48581	48505	0.28	cps
Selenium	77-2	60	53	63	59	8.65	cps
Selenium	78-2	189	185	167	180	6.60	cps
Selenium	82-1	5938	5634	5618	5730	3.15	cps
Silicon	28-1	582994	588357	585922	585758	0.46	cps
Silver	109-1	403257	402551	403677	403162	0.14	cps
Silver	107-1	422787	419690	430317	424264	1.29	cps
Sodium	23-2	490123	488798	488693	489205	0.16	cps
Strontium	86-1	105572	105967	104659	105400	0.64	cps
Strontium	88-1	915698	926319	921675	921231	0.58	cps
Sulfur	34-1	462738	461725	454979	459814	0.92	cps
Terbium	159-1	7098178	7093887	7141227	7111097	0.37	cps
Terbium	159-2	2330017	2318883	2347430	2332110	0.62	cps
Thallium	203-1	241450	241372	246946	243256	1.31	cps
Thallium	205-1	576161	579784	578134	578026	0.31	cps
Tin	118-1	248107	252384	247465	249319	1.07	cps
Titanium	47-1	256103	255712	259232	257016	0.75	cps
Uranium	238-1	703767	718157	715133	712352	1.07	cps
Vanadium	51-2	39161	38450	39185	38932	1.07	cps
Yttrium	89-1	6620555	6706222	6749479	6692085	0.98	cps
Yttrium	89-2	312682	312541	310144	311789	0.46	cps
Zinc	66-2	18957	19153	18653	18921	1.33	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:42:01	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	564726	572187	572375	569763	0.77	cps
Zirconium	91-1	128815	127981	129645	128814	0.65	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:45:46	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24134	23801	23280	23738	1.81	cps
Antimony	121-1	945980	939529	927563	937690	1.00	cps
Arsenic	75-1	278368	280401	279419	279396	0.36	cps
Barium	135-1	958741	960025	954826	957864	0.28	cps
Barium	137-1	1677809	1664082	1652665	1664852	0.76	cps
Beryllium	9-1	201693	201385	200386	201154	0.34	cps
Bismuth	209-1	4215015	4226714	4356152	4265960	1.84	cps
Bismuth	209-2	1804291	1811773	1810255	1808773	0.22	cps
Boron	10-1	21400	21642	22794	21945	3.39	cps
Boron	11-1	105067	105579	110002	106883	2.54	cps
Cadmium	111-1	221807	219783	220472	220687	0.47	cps
Cadmium	106-1	23338	23079	23371	23263	0.69	cps
Cadmium	108-1	15701	15805	15701	15736	0.38	cps
Calcium	43-1	260585	267027	262401	263338	1.26	cps
Calcium	44-1	4249968	4290531	4290218	4276906	0.55	cps
Chromium	52-2	135505	135228	135188	135307	0.13	cps
Cobalt	59-2	266119	264987	263597	264901	0.48	cps
Copper	63-2	463057	463295	457880	461411	0.66	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	42	25	50	39	32.73	cps
Erbium	164-2	10	0	3	4	114.60	cps
Gadolinium	160-1	42	50	33	42	20.00	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	6924571	6954331	6892176	6923692	0.45	cps
Holmium	165-2	2288525	2327908	2268536	2294990	1.32	cps
Indium	115-1	6184246	6212687	6195722	6197552	0.23	cps
Indium	115-2	409014	411360	401483	407286	1.27	cps
Iron	56-2	4778862	4793286	4787341	4786497	0.15	cps
Iron	57-2	119631	118006	118942	118860	0.69	cps
Krypton	83-1	350	450	430	410	12.91	cps
Lead	206-1	502542	503059	505149	503583	0.27	cps
Lead	207-1	446030	452119	450494	449548	0.70	cps
Lead	208-1	2013979	2030246	2020804	2021676	0.40	cps
Lithium	6-1	1643469	1659770	1678417	1660552	1.05	cps
Magnesium	24-2	529318	525668	527843	527610	0.35	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:45:46	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	82184	83883	82361	82809	1.13	cps
Molybdenum	94-1	1749145	1755114	1728458	1744239	0.80	cps
Molybdenum	95-1	2167425	2154478	2119904	2147269	1.14	cps
Molybdenum	96-1	2382648	2384362	2356406	2374472	0.66	cps
Molybdenum	97-1	1319024	1309565	1314587	1314392	0.36	cps
Molybdenum	98-1	3408033	3389080	3382958	3393357	0.39	cps
Neodymium	150-1	47	53	27	42	32.87	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	81564	80444	80337	80782	0.84	cps
Phosphorus	31-2	1809	1784	1684	1759	3.76	cps
Potassium	39-2	153394	151229	151498	152041	0.78	cps
Rhodium	103-1	5970970	5984189	6135650	6030269	1.52	cps
Rhodium	103-2	2058290	2068931	2017124	2048115	1.34	cps
Scandium	45-1	4472318	4526277	4532937	4510511	0.74	cps
Scandium	45-2	48477	47641	46969	47696	1.58	cps
Selenium	77-2	117	133	143	131	10.28	cps
Selenium	78-2	472	448	406	442	7.64	cps
Selenium	82-1	14642	14451	14628	14573	0.73	cps
Silicon	28-1	964424	974091	971430	969982	0.51	cps
Silver	109-1	1010918	1023419	1020459	1018265	0.64	cps
Silver	107-1	1083398	1078462	1069838	1077233	0.64	cps
Sodium	23-2	1211737	1224382	1215013	1217044	0.54	cps
Strontium	86-1	263322	269736	265239	266099	1.24	cps
Strontium	88-1	2360679	2354867	2323045	2346197	0.86	cps
Sulfur	34-1	489420	489933	487593	488982	0.25	cps
Terbium	159-1	7180687	7224780	7356109	7253859	1.26	cps
Terbium	159-2	2320741	2348042	2284511	2317765	1.38	cps
Thallium	203-1	620901	635391	618389	624894	1.47	cps
Thallium	205-1	1472290	1487822	1477524	1479212	0.53	cps
Tin	118-1	631163	630139	634275	631859	0.34	cps
Titanium	47-1	643291	647207	643599	644699	0.34	cps
Uranium	238-1	1925540	1921495	1953598	1933544	0.90	cps
Vanadium	51-2	95902	95758	96516	96059	0.42	cps
Yttrium	89-1	6795177	6877693	6881563	6851478	0.71	cps
Yttrium	89-2	309328	310243	304385	307985	1.02	cps
Zinc	66-2	48013	46361	47488	47287	1.79	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:45:46	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1433951	1446821	1438344	1439705	0.45	cps
Zirconium	91-1	322505	318749	321800	321018	0.62	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:49:24	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46964	46412	46068	46481	0.97	cps
Antimony	121-1	1880517	1866027	1886962	1877835	0.57	cps
Arsenic	75-1	551150	554446	558345	554647	0.65	cps
Barium	135-1	1923125	1938725	1929028	1930293	0.41	cps
Barium	137-1	3293846	3320112	3317707	3310555	0.44	cps
Beryllium	9-1	395535	397496	394817	395950	0.35	cps
Bismuth	209-1	4228011	4196044	4207891	4210649	0.38	cps
Bismuth	209-2	1694684	1822176	1759350	1758737	3.62	cps
Boron	10-1	41503	42196	43475	42391	2.36	cps
Boron	11-1	206315	211326	212584	210075	1.58	cps
Cadmium	111-1	438409	433222	434150	435260	0.64	cps
Cadmium	106-1	44608	45921	44792	45107	1.58	cps
Cadmium	108-1	29954	31107	30535	30532	1.89	cps
Calcium	43-1	522095	522126	522998	522406	0.10	cps
Calcium	44-1	8400777	8376776	8458655	8412070	0.50	cps
Chromium	52-2	268844	267362	265144	267117	0.70	cps
Cobalt	59-2	523518	528808	521638	524655	0.71	cps
Copper	63-2	914371	911929	906325	910875	0.45	cps
Dysprosium	156-1	8	42	25	25	66.68	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	33	42	42	39	12.37	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	58	75	75	69	13.85	cps
Gadolinium	160-2	13	7	7	9	43.25	cps
Holmium	165-1	6841788	6740021	6909965	6830591	1.25	cps
Holmium	165-2	2168497	2307239	2290176	2255304	3.35	cps
Indium	115-1	6051411	5994912	6081335	6042552	0.73	cps
Indium	115-2	378832	408989	398781	395534	3.88	cps
Iron	56-2	9480752	9370615	9334068	9395145	0.81	cps
Iron	57-2	236912	236930	236822	236888	0.02	cps
Krypton	83-1	483	420	437	447	7.35	cps
Lead	206-1	994741	1001842	1008619	1001734	0.69	cps
Lead	207-1	893778	893779	901023	896194	0.47	cps
Lead	208-1	4047591	4074372	4081541	4067834	0.44	cps
Lithium	6-1	1625711	1601031	1610789	1612510	0.77	cps
Magnesium	24-2	1051058	1048230	1031159	1043482	1.03	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:49:24	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	164087	166215	162060	164121	1.27	cps
Molybdenum	94-1	3458296	3478292	3467928	3468172	0.29	cps
Molybdenum	95-1	4223606	4304687	4253392	4260562	0.96	cps
Molybdenum	96-1	4713420	4745384	4725522	4728109	0.34	cps
Molybdenum	97-1	2690298	2716753	2663509	2690187	0.99	cps
Molybdenum	98-1	6736684	6766972	6737359	6747005	0.26	cps
Neodymium	150-1	67	73	53	64	15.80	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	159077	159249	159410	159245	0.10	cps
Phosphorus	31-2	3451	3392	3701	3514	4.66	cps
Potassium	39-2	299523	300605	295600	298576	0.88	cps
Rhodium	103-1	5923298	5939114	5961969	5941460	0.33	cps
Rhodium	103-2	1909554	2019687	1994202	1974481	2.92	cps
Scandium	45-1	4424128	4352675	4426592	4401131	0.95	cps
Scandium	45-2	44163	47483	46814	46154	3.80	cps
Selenium	77-2	220	253	287	253	13.16	cps
Selenium	78-2	813	915	848	859	6.02	cps
Selenium	82-1	28551	28795	28766	28704	0.46	cps
Silicon	28-1	1578857	1575528	1559026	1571137	0.68	cps
Silver	109-1	2070065	2021553	2025296	2038971	1.32	cps
Silver	107-1	2167088	2148596	2136424	2150703	0.72	cps
Sodium	23-2	2378776	2380064	2386436	2381759	0.17	cps
Strontium	86-1	528541	531428	530414	530127	0.28	cps
Strontium	88-1	4630267	4623765	4636267	4630100	0.14	cps
Sulfur	34-1	546032	545731	542595	544786	0.35	cps
Terbium	159-1	7219126	7186171	7195541	7200279	0.24	cps
Terbium	159-2	2199890	2348010	2299989	2282629	3.31	cps
Thallium	203-1	1237618	1233422	1236874	1235971	0.18	cps
Thallium	205-1	3015493	3057892	2983325	3018903	1.24	cps
Tin	118-1	1249330	1252640	1255698	1252556	0.25	cps
Titanium	47-1	1292405	1270481	1289840	1284242	0.93	cps
Uranium	238-1	3751612	3821260	3740292	3771055	1.16	cps
Vanadium	51-2	192384	190769	191371	191508	0.43	cps
Yttrium	89-1	6796917	6757132	6749148	6767733	0.38	cps
Yttrium	89-2	288333	309716	301950	300000	3.61	cps
Zinc	66-2	92056	92677	91992	92242	0.41	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:49:24	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2890010	2893944	2886638	2890197	0.13	cps
Zirconium	91-1	639217	637909	639179	638768	0.12	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:52:55	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93955	94806	93441	94067	0.73	cps
Antimony	121-1	3791518	3773892	3819784	3795064	0.61	cps
Arsenic	75-1	1122734	1128490	1136212	1129146	0.60	cps
Barium	135-1	3943774	3894086	3887251	3908370	0.79	cps
Barium	137-1	6708524	6554765	6620890	6628060	1.16	cps
Beryllium	9-1	788649	788234	785714	787532	0.20	cps
Bismuth	209-1	4247903	4298477	4370821	4305734	1.43	cps
Bismuth	209-2	1817923	1809383	1838660	1821989	0.83	cps
Boron	10-1	83652	85823	89169	86215	3.22	cps
Boron	11-1	413358	426458	435723	425180	2.64	cps
Cadmium	111-1	875526	878134	885211	879624	0.57	cps
Cadmium	106-1	90175	90881	90077	90378	0.49	cps
Cadmium	108-1	62323	62360	62088	62257	0.24	cps
Calcium	43-1	1054148	1059339	1058909	1057465	0.27	cps
Calcium	44-1	17050456	16943663	16906900	16967006	0.44	cps
Chromium	52-2	540990	536251	540215	539152	0.47	cps
Cobalt	59-2	1053389	1050349	1058054	1053931	0.37	cps
Copper	63-2	1846328	1834360	1839557	1840082	0.33	cps
Dysprosium	156-1	83	33	58	58	42.86	cps
Dysprosium	156-2	0	13	0	4	173.21	cps
Erbium	164-1	58	25	33	39	44.62	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	75	50	75	67	21.65	cps
Gadolinium	160-2	17	20	20	19	10.18	cps
Holmium	165-1	7134503	7213511	7114347	7154120	0.73	cps
Holmium	165-2	2337208	2345801	2364576	2349195	0.60	cps
Indium	115-1	6125753	6135892	6333358	6198334	1.89	cps
Indium	115-2	409055	411821	414214	411697	0.63	cps
Iron	56-2	19080637	18989758	19161382	19077259	0.45	cps
Iron	57-2	477730	478179	475790	477233	0.27	cps
Krypton	83-1	393	420	423	412	3.99	cps
Lead	206-1	2041687	2051072	2031132	2041297	0.49	cps
Lead	207-1	1873153	1881496	1871835	1875495	0.28	cps
Lead	208-1	8233101	8274978	8275371	8261150	0.29	cps
Lithium	6-1	1628495	1644214	1653044	1641918	0.76	cps
Magnesium	24-2	2092043	2103607	2108499	2101383	0.40	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:52:55	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	329136	332445	334245	331942	0.78	cps
Molybdenum	94-1	7008203	7048647	6980976	7012609	0.49	cps
Molybdenum	95-1	8580917	8663704	8465938	8570186	1.16	cps
Molybdenum	96-1	9456061	9482047	9420197	9452768	0.33	cps
Molybdenum	97-1	5392597	5335761	5346222	5358193	0.56	cps
Molybdenum	98-1	13627135	13583106	13560740	13590327	0.25	cps
Neodymium	150-1	113	113	173	133	25.98	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	319161	318931	317994	318695	0.19	cps
Phosphorus	31-2	6852	7327	7135	7105	3.36	cps
Potassium	39-2	602515	602504	609693	604904	0.69	cps
Rhodium	103-1	5973115	6024830	6120748	6039564	1.24	cps
Rhodium	103-2	2032022	2075114	2051579	2052905	1.05	cps
Scandium	45-1	4444969	4546429	4570431	4520610	1.47	cps
Scandium	45-2	48159	48918	48092	48390	0.95	cps
Selenium	77-2	567	477	567	537	9.68	cps
Selenium	78-2	1746	1889	1724	1787	5.01	cps
Selenium	82-1	58315	58591	58150	58352	0.38	cps
Silicon	28-1	2672942	2665449	2701635	2680009	0.71	cps
Silver	109-1	4056766	4100821	4044974	4067520	0.72	cps
Silver	107-1	4300018	4332430	4300902	4311117	0.43	cps
Sodium	23-2	4711185	4711962	4794021	4739056	1.00	cps
Strontium	86-1	1076865	1084384	1081027	1080759	0.35	cps
Strontium	88-1	9348641	9395576	9265588	9336602	0.71	cps
Sulfur	34-1	693243	692501	687558	691101	0.45	cps
Terbium	159-1	7350295	7524237	7619321	7497951	1.82	cps
Terbium	159-2	2379572	2390257	2367374	2379067	0.48	cps
Thallium	203-1	2570805	2565305	2550787	2562299	0.40	cps
Thallium	205-1	5938946	6021473	5899492	5953304	1.05	cps
Tin	118-1	2575193	2555711	2593433	2574779	0.73	cps
Titanium	47-1	2654813	2614894	2608025	2625911	0.96	cps
Uranium	238-1	7611754	7599236	7532399	7581130	0.56	cps
Vanadium	51-2	388573	384509	390295	387792	0.77	cps
Yttrium	89-1	6955804	6992428	7105180	7017804	1.11	cps
Yttrium	89-2	313227	316736	315684	315216	0.57	cps
Zinc	66-2	184086	185634	185444	185055	0.46	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:52:55	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5756024	5770636	5751318	5759326	0.17	cps
Zirconium	91-1	1306637	1302065	1300104	1302936	0.26	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:56:22	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	186779	185991	185077	185949	0.46	cps
Antimony	121-1	7467059	7538940	7529480	7511826	0.52	cps
Arsenic	75-1	2267911	2273044	2239069	2260008	0.81	cps
Barium	135-1	7674656	7778029	7727809	7726832	0.67	cps
Barium	137-1	13169758	13369033	13379165	13305986	0.89	cps
Beryllium	9-1	1559469	1575489	1589116	1574691	0.94	cps
Bismuth	209-1	4319416	4136332	4137801	4197850	2.51	cps
Bismuth	209-2	1826167	1811357	1816601	1818042	0.41	cps
Boron	10-1	166918	168090	170678	168562	1.14	cps
Boron	11-1	815115	839687	862564	839122	2.83	cps
Cadmium	111-1	1735145	1758395	1750039	1747860	0.67	cps
Cadmium	106-1	172025	176068	177135	175076	1.54	cps
Cadmium	108-1	122445	124052	123825	123440	0.70	cps
Calcium	43-1	2127966	2132448	2124057	2128157	0.20	cps
Calcium	44-1	33741112	33944687	33857578	33847792	0.30	cps
Chromium	52-2	1060731	1058611	1061313	1060218	0.13	cps
Cobalt	59-2	2103659	2076430	2107407	2095832	0.81	cps
Copper	63-2	3569208	3564396	3612226	3581943	0.74	cps
Dysprosium	156-1	75	67	67	69	6.93	cps
Dysprosium	156-2	0	13	10	8	89.21	cps
Erbium	164-1	25	42	25	31	31.50	cps
Erbium	164-2	17	0	3	7	132.33	cps
Gadolinium	160-1	42	42	50	44	10.82	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	7249294	6876613	6927012	7017640	2.88	cps
Holmium	165-2	2405027	2384747	2357726	2382500	1.00	cps
Indium	115-1	6219698	5869858	5945285	6011614	3.06	cps
Indium	115-2	406537	399656	399662	401951	0.99	cps
Iron	56-2	38063047	37369661	37683476	37705394	0.92	cps
Iron	57-2	945907	946611	944250	945589	0.13	cps
Krypton	83-1	417	387	437	413	6.09	cps
Lead	206-1	4049769	4084485	4079232	4071162	0.46	cps
Lead	207-1	3681589	3699152	3728453	3703065	0.64	cps
Lead	208-1	16170480	16355555	16331880	16285972	0.62	cps
Lithium	6-1	1611462	1565651	1586972	1588028	1.44	cps
Magnesium	24-2	4104960	4110067	4111314	4108781	0.08	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:56:22	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	657668	653395	650880	653981	0.52	cps
Molybdenum	94-1	13959176	14109346	14019847	14029456	0.54	cps
Molybdenum	95-1	17037473	17308489	17288852	17211605	0.88	cps
Molybdenum	96-1	18935383	19191242	19067364	19064663	0.67	cps
Molybdenum	97-1	10595415	10830038	10730753	10718735	1.10	cps
Molybdenum	98-1	27244968	27692009	27656165	27531047	0.90	cps
Neodymium	150-1	273	273	213	253	13.68	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	624615	625220	620907	623581	0.37	cps
Phosphorus	31-2	14658	14667	14007	14444	2.62	cps
Potassium	39-2	1183278	1184024	1177702	1181668	0.29	cps
Rhodium	103-1	6076956	5844520	5826477	5915984	2.36	cps
Rhodium	103-2	2018751	2015606	1996889	2010416	0.59	cps
Scandium	45-1	4655460	4424085	4432794	4504113	2.91	cps
Scandium	45-2	48142	48209	49390	48580	1.44	cps
Selenium	77-2	1087	1057	1050	1065	1.84	cps
Selenium	78-2	3536	3495	3517	3516	0.58	cps
Selenium	82-1	115232	115334	115672	115413	0.20	cps
Silicon	28-1	4620289	4666978	4685724	4657664	0.72	cps
Silver	109-1	7964718	8057835	7932135	7984896	0.82	cps
Silver	107-1	8378673	8468130	8440012	8428938	0.54	cps
Sodium	23-2	9310846	9329084	9266490	9302140	0.35	cps
Strontium	86-1	2162936	2168945	2163820	2165234	0.15	cps
Strontium	88-1	18509679	18551620	18662789	18574696	0.43	cps
Sulfur	34-1	974159	976985	966896	972680	0.54	cps
Terbium	159-1	7469316	7270458	7335985	7358586	1.38	cps
Terbium	159-2	2428223	2366998	2399129	2398117	1.28	cps
Thallium	203-1	5004234	5016441	5037309	5019328	0.33	cps
Thallium	205-1	11819392	11882760	11918369	11873507	0.42	cps
Tin	118-1	5011424	5044847	5091992	5049421	0.80	cps
Titanium	47-1	5087334	5122093	5156701	5122043	0.68	cps
Uranium	238-1	14954437	15013938	15114397	15027591	0.54	cps
Vanadium	51-2	767378	768544	771179	769034	0.25	cps
Yttrium	89-1	7062322	6822212	6842732	6909089	1.93	cps
Yttrium	89-2	314635	312181	312339	313051	0.44	cps
Zinc	66-2	362391	360452	362675	361839	0.33	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:56:22	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11485184	11594371	11552695	11544083	0.48	cps
Zirconium	91-1	2603277	2653407	2613149	2623278	1.01	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:59:43	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	987086	995762	987469	990106	0.50	cps
Antimony	121-1	12865	13249	13332	13149	1.90	cps
Arsenic	75-1	4051	4196	4036	4094	2.15	cps
Barium	135-1	1617	1850	1575	1681	8.82	cps
Barium	137-1	2584	3101	3209	2964	11.27	cps
Beryllium	9-1	411	322	417	383	13.83	cps
Bismuth	209-1	3942847	3977671	3944145	3954887	0.50	cps
Bismuth	209-2	1766576	1772274	1785476	1774775	0.55	cps
Boron	10-1	9045	7894	7394	8111	10.44	cps
Boron	11-1	44963	40366	36481	40603	10.46	cps
Cadmium	111-1	1077	1041	1197	1105	7.38	cps
Cadmium	106-1	1133	1092	1325	1183	10.52	cps
Cadmium	108-1	29	33	50	38	29.40	cps
Calcium	43-1	10657792	10662745	10717339	10679292	0.31	cps
Calcium	44-1	172796696	173742066	172794583	173111115	0.32	cps
Chromium	52-2	49206	49266	48414	48962	0.97	cps
Cobalt	59-2	25834	25647	25908	25796	0.52	cps
Copper	63-2	9103	8916	8733	8917	2.08	cps
Dysprosium	156-1	42	33	100	58	62.28	cps
Dysprosium	156-2	10	3	17	10	66.70	cps
Erbium	164-1	50	75	42	56	31.22	cps
Erbium	164-2	17	10	13	13	25.01	cps
Gadolinium	160-1	67	58	117	81	39.16	cps
Gadolinium	160-2	43	13	20	26	61.64	cps
Holmium	165-1	6878065	6952255	6884830	6905050	0.59	cps
Holmium	165-2	2401371	2427305	2516396	2448358	2.46	cps
Indium	115-1	5931163	6008399	5849291	5929618	1.34	cps
Indium	115-2	421176	419261	433766	424735	1.86	cps
Iron	56-2	187410649	187360076	186264971	187011899	0.35	cps
Iron	57-2	4697934	4748397	4706419	4717584	0.57	cps
Krypton	83-1	430	400	377	402	6.65	cps
Lead	206-1	5068	4901	5218	5062	3.13	cps
Lead	207-1	4412	4384	4162	4319	3.17	cps
Lead	208-1	19701	19723	19540	19655	0.51	cps
Lithium	6-1	1556808	1579769	1572997	1569858	0.75	cps
Magnesium	24-2	19967069	20151402	20093624	20070698	0.47	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:59:43	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4648	4678	4564	4630	1.27	cps
Molybdenum	94-1	17954	18171	18347	18157	1.08	cps
Molybdenum	95-1	28890	27963	27863	28239	2.01	cps
Molybdenum	96-1	29934	30819	30694	30482	1.57	cps
Molybdenum	97-1	18371	16844	17270	17495	4.50	cps
Molybdenum	98-1	44056	45110	43646	44271	1.71	cps
Neodymium	150-1	100	120	120	113	10.19	cps
Neodymium	150-2	23	10	17	17	39.99	cps
Nickel	60-2	24385	23710	24318	24138	1.54	cps
Phosphorus	31-2	33	8	8	17	86.62	cps
Potassium	39-2	6038406	6024909	6036136	6033150	0.12	cps
Rhodium	103-1	5656399	5734428	5641661	5677496	0.88	cps
Rhodium	103-2	1970951	1975611	2033363	1993308	1.74	cps
Scandium	45-1	4442980	4493108	4546463	4494184	1.15	cps
Scandium	45-2	48403	49607	50872	49628	2.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	15	2	8	81.04	cps
Selenium	82-1	128	188	154	157	19.08	cps
Silicon	28-1	466210	467875	468883	467656	0.29	cps
Silver	109-1	1175	975	1058	1070	9.39	cps
Silver	107-1	1117	1392	1083	1197	14.14	cps
Sodium	23-2	45078432	45364561	45105725	45182906	0.35	cps
Strontium	86-1	11022	11180	10129	10777	5.26	cps
Strontium	88-1	87405	88336	89191	88311	1.01	cps
Sulfur	34-1	368859	369861	374224	370981	0.77	cps
Terbium	159-1	7251569	7360719	7279807	7297365	0.78	cps
Terbium	159-2	2436462	2459120	2524947	2473510	1.86	cps
Thallium	203-1	2859	2867	2484	2737	8.00	cps
Thallium	205-1	6986	6319	5868	6391	8.80	cps
Tin	118-1	5877	6085	5977	5979	1.74	cps
Titanium	47-1	1617	1625	1342	1528	10.55	cps
Uranium	238-1	2500	2317	2467	2428	4.02	cps
Vanadium	51-2	333	310	347	330	5.62	cps
Yttrium	89-1	6855297	6877353	6796334	6842994	0.61	cps
Yttrium	89-2	321224	324414	332143	325927	1.72	cps
Zinc	66-2	2827	2964	2904	2898	2.36	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 18:59:43	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6410	6043	5343	5932	9.14	cps
Zirconium	91-1	1342	1267	1150	1253	7.71	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:07:23	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4887	4825	5242	4985	4.52	cps
Antimony	121-1	1443896	1428404	1437509	1436603	0.54	cps
Arsenic	75-1	443156	439250	440262	440889	0.46	cps
Barium	135-1	149545	146545	150860	148983	1.48	cps
Barium	137-1	252893	259492	260465	257617	1.60	cps
Beryllium	9-1	152308	152645	151528	152160	0.38	cps
Bismuth	209-1	4398884	4377193	4147531	4307869	3.23	cps
Bismuth	209-2	1925480	1907566	1899681	1910909	0.69	cps
Boron	10-1	105662	106847	107721	106743	0.97	cps
Boron	11-1	511317	520886	525516	519240	1.39	cps
Cadmium	111-1	169974	169517	172629	170707	0.98	cps
Cadmium	106-1	16611	16094	17178	16628	3.26	cps
Cadmium	108-1	11743	11672	11543	11652	0.87	cps
Calcium	43-1	41554	41847	41763	41721	0.36	cps
Calcium	44-1	696922	702678	705475	701692	0.62	cps
Chromium	52-2	103808	104104	104644	104185	0.41	cps
Cobalt	59-2	209883	211168	210876	210642	0.32	cps
Copper	63-2	184264	183926	184189	184126	0.10	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	75	83	50	69	24.98	cps
Erbium	164-2	20	23	27	23	14.29	cps
Gadolinium	160-1	75	58	25	53	48.24	cps
Gadolinium	160-2	10	10	13	11	17.30	cps
Holmium	165-1	7076511	7035145	6756821	6956159	2.50	cps
Holmium	165-2	2418771	2410869	2395131	2408257	0.50	cps
Indium	115-1	6331743	6291366	5992334	6205148	2.99	cps
Indium	115-2	431584	425685	422167	426478	1.12	cps
Iron	56-2	764130	769941	766086	766719	0.39	cps
Iron	57-2	19481	18963	18852	19099	1.76	cps
Krypton	83-1	443	383	367	398	10.14	cps
Lead	206-1	792820	799005	795382	795736	0.39	cps
Lead	207-1	684508	684524	685481	684837	0.08	cps
Lead	208-1	3176087	3187413	3200667	3188056	0.39	cps
Lithium	6-1	1656913	1680548	1566278	1634580	3.69	cps
Magnesium	24-2	49044	49228	49913	49395	0.93	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:07:23	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	32361	32909	32972	32747	1.03	cps
Molybdenum	94-1	978781	984635	987800	983738	0.47	cps
Molybdenum	95-1	1747548	1737506	1722582	1735879	0.72	cps
Molybdenum	96-1	1879160	1875978	1840339	1865159	1.16	cps
Molybdenum	97-1	1060457	1065357	1065926	1063913	0.28	cps
Molybdenum	98-1	2787716	2783462	2761741	2777639	0.50	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63601	64137	63899	63879	0.42	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	52265	52591	51052	51969	1.56	cps
Rhodium	103-1	6344830	6351265	5974398	6223498	3.47	cps
Rhodium	103-2	2159285	2131753	2082915	2124651	1.82	cps
Scandium	45-1	4662784	4695919	4392225	4583642	3.63	cps
Scandium	45-2	49099	48717	47821	48546	1.35	cps
Selenium	77-2	230	227	187	214	11.25	cps
Selenium	78-2	787	654	772	738	9.91	cps
Selenium	82-1	22823	22690	22980	22831	0.64	cps
Silicon	28-1	2437595	2475998	2448654	2454082	0.81	cps
Silver	109-1	783465	782718	792975	786386	0.73	cps
Silver	107-1	827290	838339	846942	837524	1.18	cps
Sodium	23-2	197240	195272	196621	196378	0.51	cps
Strontium	86-1	5543	5568	5618	5576	0.69	cps
Strontium	88-1	42660	42191	43211	42687	1.20	cps
Sulfur	34-1	390755	394735	383957	389816	1.40	cps
Terbium	159-1	7519733	7454451	6996247	7323477	3.90	cps
Terbium	159-2	2466790	2433265	2401090	2433715	1.35	cps
Thallium	203-1	990867	996490	999766	995708	0.45	cps
Thallium	205-1	2451989	2395940	2392747	2413559	1.38	cps
Tin	118-1	2580243	2569485	2577447	2575725	0.22	cps
Titanium	47-1	521912	519249	517907	519689	0.39	cps
Uranium	238-1	8009556	7903531	8019076	7977388	0.80	cps
Vanadium	51-2	75261	76678	75321	75753	1.06	cps
Yttrium	89-1	7084903	7048444	6713895	6949081	2.94	cps
Yttrium	89-2	327233	322250	319831	323105	1.17	cps
Zinc	66-2	37628	37822	38086	37845	0.61	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:07:23	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1475	1358	1233	1356	8.92	cps
Zirconium	91-1	400	375	383	386	3.30	cps

LB Number : LB98902 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-25 19:12:09 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45	18	43	35	43.46	cps
Antimony	121-1	967	1083	1333	1128	16.61	cps
Arsenic	75-1	637	584	683	634	7.80	cps
Barium	135-1	50	8	42	33	66.15	cps
Barium	137-1	17	25	42	28	45.82	cps
Beryllium	9-1	133	117	128	126	6.74	cps
Bismuth	209-1	4167981	4243932	3903381	4105098	4.35	cps
Bismuth	209-2	1932862	1930166	1901844	1921624	0.89	cps
Boron	10-1	1633	1842	1867	1781	7.20	cps
Boron	11-1	9253	9921	8311	9162	8.83	cps
Cadmium	111-1	850	846	822	839	1.79	cps
Cadmium	106-1	1175	1183	1167	1175	0.71	cps
Cadmium	108-1	8	17	4	10	65.47	cps
Calcium	43-1	533	383	567	494	19.75	cps
Calcium	44-1	30760	30376	32113	31083	2.94	cps
Chromium	52-2	953	860	850	888	6.42	cps
Cobalt	59-2	140	117	103	120	15.46	cps
Copper	63-2	667	603	580	617	7.27	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	58	33	42	34.65	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	50	33	92	58	51.51	cps
Gadolinium	160-2	3	13	3	7	86.65	cps
Holmium	165-1	6735074	6749464	6361952	6615497	3.32	cps
Holmium	165-2	2451406	2438606	2400637	2430216	1.09	cps
Indium	115-1	6008024	6167417	5715665	5963702	3.84	cps
Indium	115-2	438623	438564	432818	436668	0.76	cps
Iron	56-2	2278	1950	1822	2017	11.65	cps
Iron	57-2	44	56	39	46	18.33	cps
Krypton	83-1	450	397	477	441	9.23	cps
Lead	206-1	389	472	528	463	15.10	cps
Lead	207-1	317	378	367	354	9.20	cps
Lead	208-1	1595	1695	1778	1689	5.44	cps
Lithium	6-1	1601122	1633423	1508716	1581087	4.09	cps
Magnesium	24-2	192	233	192	206	11.70	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:12:09	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	70	43	53	27.24	cps
Molybdenum	94-1	658	600	617	625	4.81	cps
Molybdenum	95-1	683	592	667	647	7.54	cps
Molybdenum	96-1	708	650	700	686	4.60	cps
Molybdenum	97-1	475	425	450	450	5.56	cps
Molybdenum	98-1	1108	933	958	1000	9.47	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	67	53	17	46	56.83	cps
Phosphorus	31-2	25	0	8	11	114.58	cps
Potassium	39-2	4151	4384	4434	4323	3.50	cps
Rhodium	103-1	6039609	6095604	5711716	5948976	3.49	cps
Rhodium	103-2	2197851	2184156	2147132	2176380	1.21	cps
Scandium	45-1	4438724	4458299	4212905	4369976	3.12	cps
Scandium	45-2	50069	49126	49283	49492	1.02	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	6	2	11	6	75.49	cps
Selenium	82-1	27	44	-8	21	124.80	cps
Silicon	28-1	320246	318971	317675	318964	0.40	cps
Silver	109-1	158	142	158	153	6.30	cps
Silver	107-1	167	150	142	153	8.33	cps
Sodium	23-2	13832	13165	13924	13640	3.04	cps
Strontium	86-1	600	558	625	594	5.67	cps
Strontium	88-1	242	258	342	281	19.10	cps
Sulfur	34-1	382729	385765	385004	384499	0.41	cps
Terbium	159-1	7091768	7158785	6703637	6984730	3.52	cps
Terbium	159-2	2462081	2470502	2448435	2460339	0.45	cps
Thallium	203-1	733	717	675	708	4.24	cps
Thallium	205-1	1600	1575	1859	1678	9.35	cps
Tin	118-1	525	700	525	583	17.33	cps
Titanium	47-1	167	158	167	164	2.94	cps
Uranium	238-1	175	300	308	261	28.61	cps
Vanadium	51-2	10	3	10	8	49.52	cps
Yttrium	89-1	6666923	6824458	6316075	6602486	3.94	cps
Yttrium	89-2	328426	324771	321721	324973	1.03	cps
Zinc	66-2	123	120	83	109	20.38	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:12:09	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	617	492	617	575	12.55	cps
Zirconium	91-1	108	92	83	94	13.48	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:15:31	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	848239	843428	830225	840630	1.11	cps
Antimony	121-1	8386	8620	8728	8578	2.04	cps
Arsenic	75-1	2876	3049	3040	2988	3.26	cps
Barium	135-1	2250	2467	2259	2325	5.28	cps
Barium	137-1	3801	4084	3884	3923	3.71	cps
Beryllium	9-1	606	539	561	569	5.97	cps
Bismuth	209-1	4175935	4180408	4277731	4211358	1.37	cps
Bismuth	209-2	1813216	1819600	2028010	1886942	6.48	cps
Boron	10-1	1875	2009	2075	1986	5.13	cps
Boron	11-1	9770	8978	8853	9201	5.41	cps
Cadmium	111-1	1384	1463	1166	1338	11.51	cps
Cadmium	106-1	1200	1233	1250	1228	2.07	cps
Cadmium	108-1	925	929	942	932	0.93	cps
Calcium	43-1	2057859	2032946	2042447	2044418	0.61	cps
Calcium	44-1	32509069	32356787	32476208	32447355	0.25	cps
Chromium	52-2	21353	21256	20609	21073	1.92	cps
Cobalt	59-2	2337	2430	2364	2377	2.02	cps
Copper	63-2	14017	13957	13864	13946	0.55	cps
Dysprosium	156-1	8	17	42	22	78.07	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	42	50	50	47	10.18	cps
Erbium	164-2	10	13	37	20	72.66	cps
Gadolinium	160-1	58	42	50	50	16.67	cps
Gadolinium	160-2	13	33	30	26	41.94	cps
Holmium	165-1	7047353	7067197	7225030	7113193	1.37	cps
Holmium	165-2	2357477	2377973	2647633	2461028	6.58	cps
Indium	115-1	6096655	6178747	6187789	6154397	0.82	cps
Indium	115-2	406101	410572	453386	423353	6.17	cps
Iron	56-2	72262693	71990543	71103818	71785685	0.84	cps
Iron	57-2	1871276	1842967	1824702	1846315	1.27	cps
Krypton	83-1	413	383	447	414	7.64	cps
Lead	206-1	19905	20712	19872	20163	2.36	cps
Lead	207-1	15955	15872	16166	15998	0.95	cps
Lead	208-1	74971	75315	74881	75056	0.31	cps
Lithium	6-1	1619161	1647887	1647129	1638059	1.00	cps
Magnesium	24-2	3925893	3948210	3874778	3916294	0.96	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:15:31	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2454	2374	2464	2430	2.03	cps
Molybdenum	94-1	3776136	3750095	3799236	3775155	0.65	cps
Molybdenum	95-1	6526559	6520728	6586149	6544479	0.55	cps
Molybdenum	96-1	6944911	6970741	7020391	6978681	0.55	cps
Molybdenum	97-1	4124522	4099539	4092641	4105567	0.41	cps
Molybdenum	98-1	10430666	10464113	10511671	10468817	0.39	cps
Neodymium	150-1	27	67	20	38	66.81	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	3200	3544	3124	3289	6.80	cps
Phosphorus	31-2	68240	66825	66273	67113	1.51	cps
Potassium	39-2	2320722	2330783	2281900	2311135	1.12	cps
Rhodium	103-1	5973505	5984866	6010739	5989703	0.32	cps
Rhodium	103-2	2019797	2028700	2263536	2104011	6.57	cps
Scandium	45-1	4436039	4508876	4580524	4508480	1.60	cps
Scandium	45-2	46694	47397	52612	48901	6.61	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	0	0	6	2	173.21	cps
Selenium	82-1	43	48	-17	25	146.71	cps
Silicon	28-1	461093	457745	453020	457286	0.89	cps
Silver	109-1	517	392	383	431	17.35	cps
Silver	107-1	583	492	633	569	12.62	cps
Sodium	23-2	8820999	8852711	8813393	8829034	0.24	cps
Strontium	86-1	70741	70768	71589	71033	0.68	cps
Strontium	88-1	613320	615329	616411	615020	0.26	cps
Sulfur	34-1	2635658	2641874	2614206	2630580	0.55	cps
Terbium	159-1	7447818	7421891	7629032	7499580	1.50	cps
Terbium	159-2	2392870	2454369	2652085	2499774	5.42	cps
Thallium	203-1	1092	1292	1375	1253	11.62	cps
Thallium	205-1	2467	2575	3092	2712	12.32	cps
Tin	118-1	1217	1200	1158	1192	2.52	cps
Titanium	47-1	2046670	2020490	2050745	2039302	0.81	cps
Uranium	238-1	250	258	325	278	14.80	cps
Vanadium	51-2	93	137	97	109	22.14	cps
Yttrium	89-1	6865342	6863232	7001560	6910045	1.15	cps
Yttrium	89-2	307415	312366	348578	322786	6.96	cps
Zinc	66-2	1997	2204	1984	2061	5.98	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:15:31	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	675	700	633	669	5.03	cps
Zirconium	91-1	117	150	225	164	33.86	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:18:48	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	826721	828889	827729	827780	0.13	cps
Antimony	121-1	157917	152832	153971	154906	1.72	cps
Arsenic	75-1	46649	46244	45200	46031	1.62	cps
Barium	135-1	33535	32649	33334	33173	1.40	cps
Barium	137-1	57811	56488	55894	56731	1.73	cps
Beryllium	9-1	32331	31568	31680	31860	1.29	cps
Bismuth	209-1	3475999	3976999	4234475	3895824	9.90	cps
Bismuth	209-2	1788257	1809497	1784806	1794187	0.75	cps
Boron	10-1	10946	10596	10738	10760	1.64	cps
Boron	11-1	52773	53877	54044	53565	1.29	cps
Cadmium	111-1	35137	35336	34340	34938	1.51	cps
Cadmium	106-1	4126	4334	4201	4220	2.50	cps
Cadmium	108-1	3184	3150	3192	3175	0.69	cps
Calcium	43-1	2034409	2018207	2012388	2021668	0.56	cps
Calcium	44-1	32720988	32047597	31794023	32187536	1.49	cps
Chromium	52-2	40846	41248	40920	41005	0.52	cps
Cobalt	59-2	42181	42328	42438	42315	0.31	cps
Copper	63-2	48240	48260	48662	48387	0.49	cps
Dysprosium	156-1	8	17	42	22	78.07	cps
Dysprosium	156-2	13	20	10	14	35.26	cps
Erbium	164-1	58	75	42	58	28.57	cps
Erbium	164-2	10	3	10	8	49.52	cps
Gadolinium	160-1	33	83	108	75	50.92	cps
Gadolinium	160-2	20	10	23	18	39.03	cps
Holmium	165-1	5663936	6751024	7183730	6532896	11.99	cps
Holmium	165-2	2368435	2389625	2366673	2374911	0.54	cps
Indium	115-1	4963148	5649150	6101472	5571257	10.29	cps
Indium	115-2	403339	402187	400250	401925	0.39	cps
Iron	56-2	71387277	71146321	70808327	71113975	0.41	cps
Iron	57-2	1814878	1820739	1824202	1819939	0.26	cps
Krypton	83-1	470	500	427	466	7.92	cps
Lead	206-1	103480	101733	101929	102381	0.93	cps
Lead	207-1	85694	84055	84027	84592	1.13	cps
Lead	208-1	395807	389091	390139	391679	0.92	cps
Lithium	6-1	1359551	1576847	1623005	1519801	9.26	cps
Magnesium	24-2	3893148	3873531	3876994	3881224	0.27	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:18:48	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8466	8883	8336	8562	3.34	cps
Molybdenum	94-1	3847268	3873569	3858751	3859863	0.34	cps
Molybdenum	95-1	6726334	6693629	6679832	6699932	0.36	cps
Molybdenum	96-1	7278219	7165062	7061968	7168416	1.51	cps
Molybdenum	97-1	4319472	4266641	4186333	4257482	1.57	cps
Molybdenum	98-1	10915260	10755166	10611678	10760702	1.41	cps
Neodymium	150-1	33	47	33	38	20.38	cps
Neodymium	150-2	3	13	0	6	124.93	cps
Nickel	60-2	15369	15375	15032	15259	1.29	cps
Phosphorus	31-2	67001	66164	65092	66086	1.45	cps
Potassium	39-2	2260594	2283366	2259057	2267672	0.60	cps
Rhodium	103-1	4903526	5569040	5841615	5438060	8.87	cps
Rhodium	103-2	2027810	2003925	1979009	2003581	1.22	cps
Scandium	45-1	3612365	4112337	4442012	4055571	10.30	cps
Scandium	45-2	47102	46500	47229	46944	0.83	cps
Selenium	77-2	27	20	10	19	44.42	cps
Selenium	78-2	93	59	56	69	29.50	cps
Selenium	82-1	2109	2104	2238	2150	3.52	cps
Silicon	28-1	695270	690690	686327	690762	0.65	cps
Silver	109-1	151232	147297	147796	148775	1.44	cps
Silver	107-1	160539	158260	154462	157753	1.95	cps
Sodium	23-2	8768046	8804849	8816716	8796537	0.29	cps
Strontium	86-1	70257	71797	69921	70658	1.42	cps
Strontium	88-1	624109	614760	610701	616523	1.12	cps
Sulfur	34-1	2634604	2641477	2577493	2617858	1.34	cps
Terbium	159-1	6052932	6993404	7453216	6833184	10.45	cps
Terbium	159-2	2383970	2379906	2346297	2370057	0.87	cps
Thallium	203-1	101042	100411	100723	100726	0.31	cps
Thallium	205-1	242072	241307	240765	241381	0.27	cps
Tin	118-1	261052	258062	257410	258841	0.75	cps
Titanium	47-1	2091817	2081000	2027047	2066622	1.68	cps
Uranium	238-1	292	333	283	303	8.85	cps
Vanadium	51-2	14481	14708	14007	14399	2.48	cps
Yttrium	89-1	5549367	6457194	6867939	6291500	10.72	cps
Yttrium	89-2	309106	304859	305303	306423	0.76	cps
Zinc	66-2	5778	5601	5671	5683	1.57	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:18:48	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	567	775	833	725	19.34	cps
Zirconium	91-1	183	167	158	169	7.51	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:28:01	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	503177	502105	504246	503176	0.21	cps
Antimony	121-1	3736563	3717831	3745981	3733458	0.38	cps
Arsenic	75-1	1111477	1110958	1112815	1111750	0.09	cps
Barium	135-1	3847413	3872549	3843646	3854536	0.41	cps
Barium	137-1	6537283	6541078	6570199	6549520	0.27	cps
Beryllium	9-1	786495	783007	786283	785262	0.25	cps
Bismuth	209-1	4106949	4129027	4087614	4107863	0.50	cps
Bismuth	209-2	1836826	1830252	1810350	1825809	0.76	cps
Boron	10-1	84582	85983	86829	85798	1.32	cps
Boron	11-1	412670	423514	433592	423259	2.47	cps
Cadmium	111-1	845816	841224	846019	844353	0.32	cps
Cadmium	106-1	86510	85949	87039	86499	0.63	cps
Cadmium	108-1	58648	60075	60138	59620	1.41	cps
Calcium	43-1	5051755	5024967	5042540	5039754	0.27	cps
Calcium	44-1	81723156	81485933	81587048	81598712	0.15	cps
Chromium	52-2	557329	554390	554135	555285	0.32	cps
Cobalt	59-2	1039570	1041700	1044038	1041769	0.21	cps
Copper	63-2	1788878	1775288	1746457	1770208	1.22	cps
Dysprosium	156-1	58	75	58	64	15.05	cps
Dysprosium	156-2	13	3	17	11	62.48	cps
Erbium	164-1	75	50	92	72	29.04	cps
Erbium	164-2	10	10	13	11	17.30	cps
Gadolinium	160-1	83	92	67	81	15.80	cps
Gadolinium	160-2	13	10	20	14	35.26	cps
Holmium	165-1	7118531	7056688	7104528	7093249	0.46	cps
Holmium	165-2	2425577	2434786	2427073	2429145	0.20	cps
Indium	115-1	6146489	6040541	6060855	6082628	0.92	cps
Indium	115-2	423143	420165	422020	421776	0.36	cps
Iron	56-2	91820644	92067808	92105855	91998102	0.17	cps
Iron	57-2	2376346	2365529	2388029	2376635	0.47	cps
Krypton	83-1	423	397	417	412	3.37	cps
Lead	206-1	1995860	2014703	2001330	2003964	0.48	cps
Lead	207-1	1800352	1822396	1821895	1814881	0.69	cps
Lead	208-1	7995828	8075533	8039406	8036922	0.50	cps
Lithium	6-1	1582135	1599710	1600174	1594006	0.65	cps
Magnesium	24-2	10040800	10112064	10014004	10055623	0.50	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:28:01	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	334156	334573	335489	334739	0.20	cps
Molybdenum	94-1	7011288	7111266	6992478	7038344	0.91	cps
Molybdenum	95-1	8610731	8660454	8545592	8605592	0.67	cps
Molybdenum	96-1	9571501	9534079	9488279	9531286	0.44	cps
Molybdenum	97-1	5370538	5406845	5370960	5382781	0.39	cps
Molybdenum	98-1	13714399	13780784	13762818	13752667	0.25	cps
Neodymium	150-1	167	113	140	140	19.05	cps
Neodymium	150-2	17	13	23	18	28.64	cps
Nickel	60-2	319446	317004	318814	318421	0.40	cps
Phosphorus	31-2	7294	7319	6894	7169	3.33	cps
Potassium	39-2	3058612	3017750	3021778	3032713	0.74	cps
Rhodium	103-1	5942172	5922015	5829340	5897843	1.02	cps
Rhodium	103-2	2035754	2042862	2021275	2033297	0.54	cps
Scandium	45-1	4587635	4575630	4587007	4583424	0.15	cps
Scandium	45-2	50082	50015	50330	50143	0.33	cps
Selenium	77-2	530	530	567	542	3.90	cps
Selenium	78-2	1811	1874	1839	1842	1.71	cps
Selenium	82-1	56955	56867	56615	56812	0.31	cps
Silicon	28-1	2669342	2674736	2746461	2696846	1.60	cps
Silver	109-1	3878023	3890960	3871538	3880174	0.25	cps
Silver	107-1	4072156	4168080	4150915	4130384	1.24	cps
Sodium	23-2	22541064	22663158	22583950	22596057	0.27	cps
Strontium	86-1	1075498	1071505	1078397	1075133	0.32	cps
Strontium	88-1	9289440	9262130	9309578	9287049	0.26	cps
Sulfur	34-1	684574	687178	691051	687601	0.47	cps
Terbium	159-1	7497351	7366906	7363871	7409376	1.03	cps
Terbium	159-2	2469140	2497912	2455505	2474186	0.88	cps
Thallium	203-1	2512453	2492233	2494577	2499754	0.44	cps
Thallium	205-1	5794500	5816583	5800729	5803937	0.20	cps
Tin	118-1	2559634	2521203	2561210	2547349	0.89	cps
Titanium	47-1	2651109	2644425	2626966	2640833	0.47	cps
Uranium	238-1	7584698	7538340	7575057	7566032	0.32	cps
Vanadium	51-2	388583	390385	390890	389953	0.31	cps
Yttrium	89-1	7053015	6959499	6989297	7000604	0.68	cps
Yttrium	89-2	327329	325326	326709	326455	0.31	cps
Zinc	66-2	179869	179866	182064	180599	0.70	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:28:01	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5873698	5770532	5803587	5815939	0.91	cps
Zirconium	91-1	1313005	1300756	1307673	1307145	0.47	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:33:49	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	33	20	26	24.34	cps
Antimony	121-1	1800	1917	2217	1978	10.87	cps
Arsenic	75-1	493	505	723	574	22.62	cps
Barium	135-1	33	42	42	39	12.38	cps
Barium	137-1	25	58	25	36	53.30	cps
Beryllium	9-1	200	156	172	176	12.76	cps
Bismuth	209-1	4350848	4477544	4528356	4452249	2.05	cps
Bismuth	209-2	2021921	1802939	1786270	1870377	7.03	cps
Boron	10-1	2567	2209	2384	2386	7.51	cps
Boron	11-1	11889	10804	10638	11110	6.11	cps
Cadmium	111-1	863	886	865	871	1.46	cps
Cadmium	106-1	1250	1258	1208	1239	2.16	cps
Cadmium	108-1	29	17	8	18	58.09	cps
Calcium	43-1	558	508	367	478	20.81	cps
Calcium	44-1	31595	31837	31394	31609	0.70	cps
Chromium	52-2	837	873	853	854	2.15	cps
Cobalt	59-2	80	57	80	72	18.65	cps
Copper	63-2	617	613	690	640	6.77	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	67	83	42	64	32.83	cps
Gadolinium	160-2	3	3	13	7	86.65	cps
Holmium	165-1	6992232	7225578	7342886	7186899	2.48	cps
Holmium	165-2	2568900	2313211	2253380	2378497	7.05	cps
Indium	115-1	6328074	6520319	6556195	6468196	1.90	cps
Indium	115-2	449993	411235	404856	422028	5.79	cps
Iron	56-2	2045	2117	2267	2143	5.29	cps
Iron	57-2	56	44	72	57	24.35	cps
Krypton	83-1	410	437	450	432	4.71	cps
Lead	206-1	600	456	556	537	13.78	cps
Lead	207-1	389	506	589	494	20.32	cps
Lead	208-1	2100	1972	2345	2139	8.84	cps
Lithium	6-1	1625148	1671155	1641704	1646003	1.42	cps
Magnesium	24-2	283	258	192	244	19.38	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:33:49	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	57	37	39	43.15	cps
Molybdenum	94-1	858	742	758	786	8.03	cps
Molybdenum	95-1	1075	775	825	892	18.03	cps
Molybdenum	96-1	1133	1025	1150	1103	6.15	cps
Molybdenum	97-1	608	658	558	608	8.22	cps
Molybdenum	98-1	1642	1192	1358	1397	16.28	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	73	80	63	36.84	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	4609	4751	4984	4782	3.96	cps
Rhodium	103-1	6322457	6405331	6511953	6413247	1.48	cps
Rhodium	103-2	2280888	2051478	2043240	2125202	6.35	cps
Scandium	45-1	4507407	4740914	4738739	4662353	2.88	cps
Scandium	45-2	51063	47259	46406	48243	5.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	4	-50	-11	-19	-146.49	cps
Silicon	28-1	301250	300778	299830	300619	0.24	cps
Silver	109-1	283	283	250	272	7.07	cps
Silver	107-1	308	317	317	314	1.53	cps
Sodium	23-2	14741	16060	15025	15275	4.54	cps
Strontium	86-1	692	633	583	636	8.52	cps
Strontium	88-1	167	250	208	208	20.00	cps
Sulfur	34-1	385674	386115	387908	386566	0.31	cps
Terbium	159-1	7394228	7506881	7620854	7507321	1.51	cps
Terbium	159-2	2535525	2307726	2294059	2379103	5.70	cps
Thallium	203-1	1025	767	1050	947	16.56	cps
Thallium	205-1	2342	2334	2075	2250	6.74	cps
Tin	118-1	592	450	342	461	27.19	cps
Titanium	47-1	100	125	150	125	20.00	cps
Uranium	238-1	25	25	83	44	75.78	cps
Vanadium	51-2	13	10	20	14	35.26	cps
Yttrium	89-1	7084281	7147386	7222414	7151360	0.97	cps
Yttrium	89-2	339523	306851	302897	316424	6.35	cps
Zinc	66-2	93	103	83	93	10.71	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:33:49	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	700	792	750	747	6.14	cps
Zirconium	91-1	142	142	125	136	7.07	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:37:11	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	238	233	215	16.15	cps
Antimony	121-1	15551	15735	16694	15994	3.84	cps
Arsenic	75-1	2855	2905	2977	2912	2.11	cps
Barium	135-1	15184	15785	14926	15298	2.88	cps
Barium	137-1	26477	26695	27271	26814	1.53	cps
Beryllium	9-1	1800	1706	1822	1776	3.49	cps
Bismuth	209-1	4405542	4316856	4225223	4315873	2.09	cps
Bismuth	209-2	1974925	1879449	1818069	1890814	4.18	cps
Boron	10-1	5468	5968	5793	5743	4.42	cps
Boron	11-1	27043	27544	28730	27772	3.12	cps
Cadmium	111-1	2636	2905	2631	2724	5.76	cps
Cadmium	106-1	1192	1675	1342	1403	17.64	cps
Cadmium	108-1	117	150	125	131	13.29	cps
Calcium	43-1	11138	11071	10846	11019	1.39	cps
Calcium	44-1	201787	202643	199962	201464	0.68	cps
Chromium	52-2	3357	3117	3350	3275	4.17	cps
Cobalt	59-2	2200	2247	2280	2242	1.79	cps
Copper	63-2	4527	4581	4558	4555	0.59	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	67	25	17	36	74.18	cps
Erbium	164-2	23	13	10	16	44.60	cps
Gadolinium	160-1	92	75	75	81	11.95	cps
Gadolinium	160-2	3	20	13	12	68.66	cps
Holmium	165-1	7049170	6996050	6836109	6960443	1.59	cps
Holmium	165-2	2484433	2378569	2259845	2374282	4.73	cps
Indium	115-1	6418256	6323985	6089186	6277142	2.70	cps
Indium	115-2	441321	424959	410946	425742	3.57	cps
Iron	56-2	41490	42454	41846	41930	1.16	cps
Iron	57-2	1133	1072	1061	1089	3.57	cps
Krypton	83-1	423	410	430	421	2.42	cps
Lead	206-1	4840	4534	4723	4699	3.28	cps
Lead	207-1	4284	4151	4062	4166	2.69	cps
Lead	208-1	18784	18556	19073	18804	1.38	cps
Lithium	6-1	1630416	1630769	1578239	1613142	1.87	cps
Magnesium	24-2	21292	21083	21559	21311	1.12	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:37:11	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	373	393	353	373	5.36	cps
Molybdenum	94-1	14634	15343	15376	15117	2.77	cps
Molybdenum	95-1	18605	17420	18430	18152	3.52	cps
Molybdenum	96-1	19415	20082	20183	19893	2.10	cps
Molybdenum	97-1	12114	11897	11364	11792	3.28	cps
Molybdenum	98-1	27805	28481	29341	28542	2.70	cps
Neodymium	150-1	27	7	20	18	57.27	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	783	807	760	783	2.98	cps
Phosphorus	31-2	0	8	25	11	114.58	cps
Potassium	39-2	17053	16502	17553	17036	3.09	cps
Rhodium	103-1	6321821	6257862	6138924	6239535	1.49	cps
Rhodium	103-2	2198948	2136759	2043897	2126535	3.67	cps
Scandium	45-1	4632410	4631212	4450967	4571530	2.28	cps
Scandium	45-2	51042	48266	46775	48694	4.45	cps
Selenium	77-2	13	3	3	7	86.65	cps
Selenium	78-2	20	17	17	18	11.93	cps
Selenium	82-1	598	620	580	599	3.33	cps
Silicon	28-1	368446	373622	372516	371528	0.73	cps
Silver	109-1	8737	8962	8536	8745	2.43	cps
Silver	107-1	9087	9495	8570	9051	5.13	cps
Sodium	23-2	62974	62789	61919	62560	0.90	cps
Strontium	86-1	2850	2700	2950	2834	4.44	cps
Strontium	88-1	20508	19381	20107	19999	2.86	cps
Sulfur	34-1	395014	391547	392508	393023	0.46	cps
Terbium	159-1	7583321	7360687	7154398	7366136	2.91	cps
Terbium	159-2	2485640	2395932	2308906	2396826	3.69	cps
Thallium	203-1	6035	6035	5393	5821	6.37	cps
Thallium	205-1	14225	13875	14117	14072	1.27	cps
Tin	118-1	26995	26410	25392	26266	3.09	cps
Titanium	47-1	5210	5443	5201	5285	2.60	cps
Uranium	238-1	15051	15202	14734	14996	1.59	cps
Vanadium	51-2	3884	3521	3774	3726	5.00	cps
Yttrium	89-1	7082540	7009097	6781766	6957801	2.25	cps
Yttrium	89-2	332037	318198	306929	319054	3.94	cps
Zinc	66-2	560	587	470	539	11.34	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:37:11	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13149	12598	13382	13043	3.09	cps
Zirconium	91-1	3117	3242	3059	3139	2.98	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:40:33	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	218	218	245	227	7.01	cps
Antimony	121-1	15510	15919	15852	15760	1.39	cps
Arsenic	75-1	2870	2861	2880	2870	0.32	cps
Barium	135-1	15810	15468	15476	15585	1.25	cps
Barium	137-1	26694	25809	27705	26736	3.55	cps
Beryllium	9-1	1728	1817	1884	1809	4.31	cps
Bismuth	209-1	4286926	4495024	3952407	4244785	6.45	cps
Bismuth	209-2	1899554	1930747	1905567	1911956	0.87	cps
Boron	10-1	5618	5451	5693	5587	2.21	cps
Boron	11-1	27051	27878	27435	27455	1.51	cps
Cadmium	111-1	2756	2653	2559	2656	3.70	cps
Cadmium	106-1	1483	1508	1358	1450	5.54	cps
Cadmium	108-1	113	171	138	140	20.86	cps
Calcium	43-1	11255	11539	11213	11336	1.56	cps
Calcium	44-1	202237	202863	203352	202818	0.28	cps
Chromium	52-2	3364	3457	3170	3330	4.39	cps
Cobalt	59-2	2430	2227	2277	2311	4.58	cps
Copper	63-2	4497	4711	4481	4563	2.81	cps
Dysprosium	156-1	17	50	0	22	114.56	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	50	33	33	50.00	cps
Erbium	164-2	3	10	13	9	57.30	cps
Gadolinium	160-1	25	50	83	53	55.46	cps
Gadolinium	160-2	7	3	13	8	65.47	cps
Holmium	165-1	6992060	7249132	6532283	6924492	5.24	cps
Holmium	165-2	2434487	2433045	2421751	2429761	0.29	cps
Indium	115-1	6274504	6585223	5767004	6208910	6.65	cps
Indium	115-2	433407	432588	433562	433186	0.12	cps
Iron	56-2	42956	43234	41735	42642	1.87	cps
Iron	57-2	978	1211	972	1054	12.94	cps
Krypton	83-1	443	400	363	402	9.96	cps
Lead	206-1	4523	4429	4729	4560	3.37	cps
Lead	207-1	4262	4112	4045	4140	2.68	cps
Lead	208-1	18645	18790	18851	18762	0.56	cps
Lithium	6-1	1642194	1672332	1507579	1607368	5.46	cps
Magnesium	24-2	21968	21626	22460	22018	1.91	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:40:33	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	320	397	427	381	14.43	cps
Molybdenum	94-1	15359	14658	15117	15045	2.37	cps
Molybdenum	95-1	18054	17696	17746	17832	1.09	cps
Molybdenum	96-1	19248	19899	20683	19943	3.60	cps
Molybdenum	97-1	10780	11589	11330	11233	3.68	cps
Molybdenum	98-1	28940	29274	28874	29029	0.74	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	770	737	847	784	7.19	cps
Phosphorus	31-2	8	17	17	14	34.67	cps
Potassium	39-2	16944	16953	17336	17078	1.31	cps
Rhodium	103-1	6212427	6432261	5736902	6127197	5.80	cps
Rhodium	103-2	2153614	2170838	2200523	2174992	1.09	cps
Scandium	45-1	4534824	4725799	4216338	4492320	5.73	cps
Scandium	45-2	50066	50377	50012	50151	0.39	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	17	30	6	17	69.69	cps
Selenium	82-1	563	622	650	612	7.30	cps
Silicon	28-1	372851	376360	373230	374147	0.51	cps
Silver	109-1	7903	8620	8812	8445	5.67	cps
Silver	107-1	9387	9170	9279	9279	1.17	cps
Sodium	23-2	61692	61860	62044	61866	0.28	cps
Strontium	86-1	2700	2925	2992	2873	5.32	cps
Strontium	88-1	20324	19657	20533	20171	2.27	cps
Sulfur	34-1	395560	395614	393653	394942	0.28	cps
Terbium	159-1	7265742	7555531	6806228	7209167	5.24	cps
Terbium	159-2	2457908	2432767	2432954	2441209	0.59	cps
Thallium	203-1	5768	5860	5927	5852	1.36	cps
Thallium	205-1	14075	13600	14042	13906	1.91	cps
Tin	118-1	27212	26794	27346	27117	1.06	cps
Titanium	47-1	5701	5285	5401	5462	3.94	cps
Uranium	238-1	15427	15544	15427	15466	0.44	cps
Vanadium	51-2	4061	3944	3927	3977	1.83	cps
Yttrium	89-1	7007123	7199843	6416136	6874367	5.94	cps
Yttrium	89-2	322675	324827	323723	323742	0.33	cps
Zinc	66-2	540	520	543	534	2.36	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:40:33	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12590	13407	13774	13257	4.57	cps
Zirconium	91-1	3059	3109	2859	3009	4.40	cps

LB Number : LB98902 Operator : Jaswal
 Lab Sample ID : PB113257BL Instrumnet Name : P8
 Client Sample ID : PB113257BL Dilution Factor : 1
 Date & Time Acquired :: 2018-10-25 19:43:55 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40	35	45	40	12.50	cps
Antimony	121-1	275	308	425	336	23.43	cps
Arsenic	75-1	481	490	578	516	10.37	cps
Barium	135-1	42	33	25	33	25.01	cps
Barium	137-1	42	0	58	33	90.14	cps
Beryllium	9-1	94	128	139	120	19.21	cps
Bismuth	209-1	4315945	4319724	4321453	4319041	0.07	cps
Bismuth	209-2	1889932	1849948	1796550	1845477	2.54	cps
Boron	10-1	1408	1442	1433	1428	1.21	cps
Boron	11-1	6769	6785	6927	6827	1.28	cps
Cadmium	111-1	798	867	888	851	5.53	cps
Cadmium	106-1	1125	1233	1242	1200	5.42	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	533	483	367	461	18.55	cps
Calcium	44-1	30108	31027	30351	30495	1.56	cps
Chromium	52-2	887	993	747	876	14.13	cps
Cobalt	59-2	47	83	160	97	59.82	cps
Copper	63-2	610	597	617	608	1.68	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	17	58	42	39	53.93	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	17	25	83	42	87.18	cps
Gadolinium	160-2	10	3	0	4	114.60	cps
Holmium	165-1	7091084	7028822	7097989	7072631	0.54	cps
Holmium	165-2	2393397	2354691	2263573	2337220	2.85	cps
Indium	115-1	6349770	6343134	6299606	6330837	0.43	cps
Indium	115-2	432211	426623	406269	421701	3.24	cps
Iron	56-2	1800	1895	1906	1867	3.11	cps
Iron	57-2	133	39	72	81	58.78	cps
Krypton	83-1	387	430	427	414	5.82	cps
Lead	206-1	483	383	383	417	13.86	cps
Lead	207-1	306	344	361	337	8.46	cps
Lead	208-1	1683	1539	1572	1598	4.73	cps
Lithium	6-1	1649423	1641776	1652665	1647955	0.34	cps
Magnesium	24-2	233	250	233	239	4.03	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	PB113257BL	Instrumnet Name :	P8
Client Sample ID :	PB113257BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:43:55	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	47	33	39	17.85	cps
Molybdenum	94-1	392	367	292	350	14.87	cps
Molybdenum	95-1	225	275	217	239	13.21	cps
Molybdenum	96-1	300	225	250	258	14.78	cps
Molybdenum	97-1	183	150	183	172	11.17	cps
Molybdenum	98-1	342	392	375	369	6.89	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43	60	43	49	19.69	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	3959	4284	4334	4192	4.86	cps
Rhodium	103-1	6289554	6252371	6254926	6265617	0.33	cps
Rhodium	103-2	2152181	2159033	2031537	2114250	3.39	cps
Scandium	45-1	4542037	4615205	4553617	4570286	0.86	cps
Scandium	45-2	48591	48413	46386	47797	2.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	37	-40	46	14	328.74	cps
Silicon	28-1	298692	300691	300257	299880	0.35	cps
Silver	109-1	67	142	133	114	36.09	cps
Silver	107-1	142	167	83	131	32.75	cps
Sodium	23-2	13223	13607	12923	13251	2.59	cps
Strontium	86-1	583	775	583	647	17.10	cps
Strontium	88-1	450	333	358	381	16.14	cps
Sulfur	34-1	398414	396622	396355	397130	0.28	cps
Terbium	159-1	7325944	7396336	7341032	7354437	0.50	cps
Terbium	159-2	2425713	2402390	2291696	2373266	3.02	cps
Thallium	203-1	542	508	508	519	3.71	cps
Thallium	205-1	1192	1400	1133	1242	11.29	cps
Tin	118-1	283	258	217	253	13.32	cps
Titanium	47-1	117	108	67	97	27.55	cps
Uranium	238-1	25	42	8	25	66.68	cps
Vanadium	51-2	7	13	23	14	58.06	cps
Yttrium	89-1	7060435	6983277	6955318	6999677	0.78	cps
Yttrium	89-2	318215	318544	306489	314416	2.18	cps
Zinc	66-2	110	80	77	89	20.65	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	PB113257BL	Instrumnet Name :	P8
Client Sample ID :	PB113257BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:43:55	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	692	575	758	675	13.75	cps
Zirconium	91-1	92	125	100	106	16.44	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	J5026-03	Instrumnet Name :	P8
Client Sample ID :	1732	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:47:17	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	63	85	40	63	36.00	cps
Antimony	121-1	250	200	233	228	11.18	cps
Arsenic	75-1	499	551	591	547	8.49	cps
Barium	135-1	150	250	250	217	26.65	cps
Barium	137-1	433	492	375	433	13.46	cps
Beryllium	9-1	111	78	200	130	48.74	cps
Bismuth	209-1	4367350	4452974	4064831	4295052	4.75	cps
Bismuth	209-2	1886287	1956859	1907354	1916833	1.89	cps
Boron	10-1	4051	4209	4001	4087	2.66	cps
Boron	11-1	18796	20240	20415	19817	4.48	cps
Cadmium	111-1	918	1047	806	924	13.08	cps
Cadmium	106-1	1283	1434	1117	1278	12.40	cps
Cadmium	108-1	8	21	25	18	48.05	cps
Calcium	43-1	712240	715783	716027	714683	0.30	cps
Calcium	44-1	11583296	11482249	11659724	11575090	0.77	cps
Chromium	52-2	1107	947	867	973	12.56	cps
Cobalt	59-2	83	100	60	81	24.77	cps
Copper	63-2	670	677	663	670	1.00	cps
Dysprosium	156-1	75	58	33	56	37.75	cps
Dysprosium	156-2	20	23	30	24	20.83	cps
Erbium	164-1	108	125	58	97	35.68	cps
Erbium	164-2	23	30	30	28	13.86	cps
Gadolinium	160-1	158	108	58	108	46.15	cps
Gadolinium	160-2	33	53	47	44	22.92	cps
Holmium	165-1	7024509	7200099	6655818	6960142	3.99	cps
Holmium	165-2	2426672	2527969	2421946	2458863	2.44	cps
Indium	115-1	6232487	6341795	5941507	6171930	3.35	cps
Indium	115-2	430623	446534	433971	437043	1.92	cps
Iron	56-2	3356	3617	3117	3363	7.44	cps
Iron	57-2	78	67	78	74	8.66	cps
Krypton	83-1	483	417	467	456	7.62	cps
Lead	206-1	617	606	544	589	6.60	cps
Lead	207-1	456	483	506	482	5.20	cps
Lead	208-1	2350	2183	2178	2237	4.38	cps
Lithium	6-1	1652717	1648122	1584632	1628490	2.34	cps
Magnesium	24-2	245526	240866	243762	243385	0.97	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	J5026-03	Instrumnet Name :	P8
Client Sample ID :	1732	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:47:17	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	123	127	117	122	4.17	cps
Molybdenum	94-1	550	508	592	550	7.58	cps
Molybdenum	95-1	317	125	267	236	42.11	cps
Molybdenum	96-1	275	300	300	292	4.95	cps
Molybdenum	97-1	192	175	242	203	17.11	cps
Molybdenum	98-1	317	358	450	375	18.19	cps
Neodymium	150-1	67	53	67	62	12.37	cps
Neodymium	150-2	13	13	13	13	0.00	cps
Nickel	60-2	103	103	97	101	3.81	cps
Phosphorus	31-2	17	0	25	14	91.65	cps
Potassium	39-2	354141	351296	349228	351555	0.70	cps
Rhodium	103-1	6238054	6411714	5783721	6144497	5.28	cps
Rhodium	103-2	2132859	2236460	2154592	2174637	2.51	cps
Scandium	45-1	4580728	4690957	4358079	4543255	3.73	cps
Scandium	45-2	49705	50982	49477	50055	1.62	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-101	33	-35	-34	-195.15	cps
Silicon	28-1	475428	477195	477758	476794	0.25	cps
Silver	109-1	133	150	75	119	32.97	cps
Silver	107-1	100	125	175	133	28.64	cps
Sodium	23-2	1597444	1610727	1612059	1606743	0.50	cps
Strontium	86-1	21234	21893	21852	21660	1.70	cps
Strontium	88-1	185708	183116	187634	185486	1.22	cps
Sulfur	34-1	408421	414823	423152	415465	1.78	cps
Terbium	159-1	7427396	7543701	7053500	7341532	3.49	cps
Terbium	159-2	2418246	2524421	2412324	2451664	2.57	cps
Thallium	203-1	483	450	592	508	14.57	cps
Thallium	205-1	1158	1125	1042	1108	5.42	cps
Tin	118-1	267	225	358	283	24.08	cps
Titanium	47-1	333	283	275	297	10.61	cps
Uranium	238-1	400	500	475	458	11.35	cps
Vanadium	51-2	10	13	30	18	60.28	cps
Yttrium	89-1	6967610	7039487	6649953	6885684	3.01	cps
Yttrium	89-2	322630	338953	324270	328617	2.74	cps
Zinc	66-2	160	123	123	136	15.61	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	J5026-03	Instrumnet Name :	P8
Client Sample ID :	1732	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:47:17	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1042	1383	1083	1170	15.94	cps
Zirconium	91-1	250	250	175	225	19.24	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	J5026-02	Instrumnet Name :	P8
Client Sample ID :	1706	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:53:59	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2914	2896	2859	2889	0.97	cps
Antimony	121-1	164569	164772	165960	165100	0.46	cps
Arsenic	75-1	28393	27437	28032	27954	1.73	cps
Barium	135-1	4298532	4257505	4318806	4291614	0.73	cps
Barium	137-1	7349480	7296582	7275732	7307265	0.52	cps
Beryllium	9-1	7702	7786	8008	7832	2.02	cps
Bismuth	209-1	4437770	4440035	4332811	4403538	1.39	cps
Bismuth	209-2	1910260	1907614	1886226	1901367	0.69	cps
Boron	10-1	151996	157438	162613	157349	3.37	cps
Boron	11-1	736992	765541	785297	762610	3.18	cps
Cadmium	111-1	79582	79716	78001	79099	1.21	cps
Cadmium	106-1	8111	8511	8645	8423	3.30	cps
Cadmium	108-1	5084	5005	5255	5115	2.50	cps
Calcium	43-1	550	567	508	542	5.55	cps
Calcium	44-1	30818	31695	31002	31172	1.48	cps
Chromium	52-2	193909	194473	195072	194485	0.30	cps
Cobalt	59-2	107	110	87	101	12.48	cps
Copper	63-2	2518713	2518827	2477707	2505082	0.95	cps
Dysprosium	156-1	25	75	50	50	50.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	42	75	53	36.46	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	33	33	58	42	34.65	cps
Gadolinium	160-2	20	7	7	11	69.25	cps
Holmium	165-1	7270288	7097150	7106969	7158136	1.36	cps
Holmium	165-2	2424580	2448426	2410587	2427864	0.79	cps
Indium	115-1	6430375	6367435	6360285	6386032	0.60	cps
Indium	115-2	426631	434045	429639	430105	0.87	cps
Iron	56-2	664729	663745	662828	663767	0.14	cps
Iron	57-2	17189	16688	16471	16783	2.19	cps
Krypton	83-1	403	437	463	434	6.92	cps
Lead	206-1	209519	205680	208347	207849	0.95	cps
Lead	207-1	169018	170251	171644	170305	0.77	cps
Lead	208-1	802782	797626	803701	801370	0.41	cps
Lithium	6-1	1640162	1639299	1612769	1630743	0.95	cps
Magnesium	24-2	217	233	175	208	14.42	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	J5026-02	Instrumnet Name :	P8
Client Sample ID :	1706	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:53:59	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	48782	48534	48063	48460	0.75	cps
Molybdenum	94-1	138424	135908	135285	136539	1.22	cps
Molybdenum	95-1	236392	238309	240239	238314	0.81	cps
Molybdenum	96-1	254036	254198	255242	254492	0.26	cps
Molybdenum	97-1	148429	151352	146988	148923	1.49	cps
Molybdenum	98-1	386171	379699	384809	383560	0.89	cps
Neodymium	150-1	87	120	140	116	23.32	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90519	90511	89210	90080	0.84	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	4518	4418	4768	4568	3.95	cps
Rhodium	103-1	6417903	6293936	6317633	6343157	1.04	cps
Rhodium	103-2	2156549	2160997	2165115	2160887	0.20	cps
Scandium	45-1	4650456	4621714	4573600	4615256	0.84	cps
Scandium	45-2	48259	48510	48286	48352	0.28	cps
Selenium	77-2	47	90	63	67	32.79	cps
Selenium	78-2	276	257	257	264	4.06	cps
Selenium	82-1	8083	7967	8074	8041	0.80	cps
Silicon	28-1	570526	576349	572097	572991	0.53	cps
Silver	109-1	2029616	2033757	2000552	2021309	0.90	cps
Silver	107-1	2122208	2152215	2141241	2138555	0.71	cps
Sodium	23-2	13932	13590	13816	13779	1.26	cps
Strontium	86-1	667	692	667	675	2.14	cps
Strontium	88-1	558	708	533	600	15.78	cps
Sulfur	34-1	407332	405844	406254	406477	0.19	cps
Terbium	159-1	7624123	7522406	7457497	7534675	1.11	cps
Terbium	159-2	2424468	2444626	2411927	2427007	0.68	cps
Thallium	203-1	19933	19591	20359	19961	1.93	cps
Thallium	205-1	45583	47566	46344	46497	2.15	cps
Tin	118-1	217	275	367	286	26.43	cps
Titanium	47-1	125	108	175	136	25.49	cps
Uranium	238-1	1453531	1515887	1473475	1480964	2.15	cps
Vanadium	51-2	169211	169667	168233	169037	0.43	cps
Yttrium	89-1	7166807	7041491	7003466	7070588	1.21	cps
Yttrium	89-2	320231	323236	323011	322160	0.52	cps
Zinc	66-2	60699	61523	60759	60993	0.75	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	J5026-02	Instrumnet Name :	P8
Client Sample ID :	1706	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 19:53:59	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1333	1258	1308	1300	2.94	cps
Zirconium	91-1	275	342	258	292	15.12	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	PB113257BS	Instrumnet Name :	P8
Client Sample ID :	PB113257BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 20:00:40	DataFile Name :	026LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	95599	94932	95649	95393	0.42	cps
Antimony	121-1	3866792	3830643	3847820	3848418	0.47	cps
Arsenic	75-1	1135276	1133726	1125327	1131443	0.47	cps
Barium	135-1	3974994	3975964	3991042	3980667	0.23	cps
Barium	137-1	6700954	6806237	6814362	6773851	0.93	cps
Beryllium	9-1	785037	782557	777479	781691	0.49	cps
Bismuth	209-1	4409763	4347639	4709027	4488810	4.30	cps
Bismuth	209-2	1773448	1804367	1850575	1809463	2.15	cps
Boron	10-1	83502	86612	87509	85874	2.45	cps
Boron	11-1	411115	430920	439083	427040	3.37	cps
Cadmium	111-1	883493	891757	886577	887275	0.47	cps
Cadmium	106-1	91426	88180	90603	90069	1.87	cps
Cadmium	108-1	61687	61837	62046	61857	0.29	cps
Calcium	43-1	1064011	1065098	1063052	1064054	0.10	cps
Calcium	44-1	17232814	17292004	17153331	17226050	0.40	cps
Chromium	52-2	541478	541748	541706	541644	0.03	cps
Cobalt	59-2	1066986	1060430	1059120	1062179	0.40	cps
Copper	63-2	1866171	1873224	1851090	1863495	0.61	cps
Dysprosium	156-1	50	42	50	47	10.18	cps
Dysprosium	156-2	13	0	13	9	86.60	cps
Erbium	164-1	42	42	25	36	26.65	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	67	100	33	67	50.00	cps
Gadolinium	160-2	7	13	7	9	43.25	cps
Holmium	165-1	7226364	7161735	7647056	7345051	3.59	cps
Holmium	165-2	2324776	2354444	2395012	2358077	1.50	cps
Indium	115-1	6410289	6177367	6704686	6430780	4.11	cps
Indium	115-2	399093	404759	412999	405617	1.72	cps
Iron	56-2	19181030	19192373	19024900	19132768	0.49	cps
Iron	57-2	481895	479821	478690	480135	0.34	cps
Krypton	83-1	417	370	383	390	6.16	cps
Lead	206-1	2091924	2105928	2058207	2085353	1.18	cps
Lead	207-1	1932143	1904670	1924975	1920596	0.74	cps
Lead	208-1	8494602	8438386	8387521	8440170	0.63	cps
Lithium	6-1	1621854	1610586	1708842	1647094	3.26	cps
Magnesium	24-2	2144841	2098413	2121992	2121749	1.09	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	PB113257BS	Instrumnet Name :	P8
Client Sample ID :	PB113257BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 20:00:40	DataFile Name :	026LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	335526	334848	334944	335106	0.11	cps
Molybdenum	94-1	7146042	7049303	7014662	7070002	0.96	cps
Molybdenum	95-1	8748432	8753477	8607326	8703078	0.95	cps
Molybdenum	96-1	9676476	9637761	9560095	9624777	0.62	cps
Molybdenum	97-1	5492393	5439110	5458235	5463246	0.49	cps
Molybdenum	98-1	13906619	13901573	13785263	13864485	0.50	cps
Neodymium	150-1	147	93	113	118	22.87	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	319492	317022	321112	319209	0.65	cps
Phosphorus	31-2	6844	7069	7377	7097	3.77	cps
Potassium	39-2	609512	604510	605670	606564	0.43	cps
Rhodium	103-1	6182685	6092299	6530447	6268477	3.69	cps
Rhodium	103-2	1994031	2024835	2063012	2027293	1.70	cps
Scandium	45-1	4610541	4540508	4903479	4684842	4.11	cps
Scandium	45-2	46627	48684	48758	48023	2.52	cps
Selenium	77-2	603	450	603	552	16.03	cps
Selenium	78-2	1750	1721	1839	1770	3.49	cps
Selenium	82-1	58351	58597	57946	58298	0.56	cps
Silicon	28-1	2570015	2617829	2630362	2606069	1.22	cps
Silver	109-1	4052261	4126673	4139075	4106003	1.14	cps
Silver	107-1	4402218	4321615	4343692	4355842	0.96	cps
Sodium	23-2	4823242	4755831	4750290	4776454	0.85	cps
Strontium	86-1	1081186	1072822	1076525	1076844	0.39	cps
Strontium	88-1	9394886	9319804	9229146	9314612	0.89	cps
Sulfur	34-1	696842	686669	684448	689320	0.96	cps
Terbium	159-1	7453419	7515016	8199346	7722594	5.36	cps
Terbium	159-2	2320922	2399107	2410661	2376897	2.05	cps
Thallium	203-1	2610891	2599962	2580821	2597225	0.59	cps
Thallium	205-1	6074307	6172474	6018629	6088470	1.28	cps
Tin	118-1	2614167	2598629	2589885	2600894	0.47	cps
Titanium	47-1	2661817	2651875	2644989	2652894	0.32	cps
Uranium	238-1	7687638	7714429	7732700	7711589	0.29	cps
Vanadium	51-2	388966	386097	388275	387779	0.39	cps
Yttrium	89-1	7145811	6928633	7500500	7191648	4.01	cps
Yttrium	89-2	302478	309114	316733	309442	2.31	cps
Zinc	66-2	187143	187366	187140	187216	0.07	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	PB113257BS	Instrumnet Name :	P8
Client Sample ID :	PB113257BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 20:00:40	DataFile Name :	026LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5929549	5748613	5769884	5816015	1.70	cps
Zirconium	91-1	1323933	1299687	1310398	1311339	0.93	cps

LB Number : LB98902 Operator : Jaswal
 Lab Sample ID : CCV38 Instrumnet Name : P8
 Client Sample ID : CCV38 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-25 20:07:02 DataFile Name : 028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	509871	503064	508950	507295	0.73	cps
Antimony	121-1	3733723	3737503	3750012	3740412	0.23	cps
Arsenic	75-1	1117099	1107558	1113484	1112713	0.43	cps
Barium	135-1	3867562	3880354	3885832	3877916	0.24	cps
Barium	137-1	6556407	6535014	6570669	6554030	0.27	cps
Beryllium	9-1	783912	779006	778173	780363	0.40	cps
Bismuth	209-1	4033263	4122984	4102249	4086165	1.15	cps
Bismuth	209-2	1844576	1864627	1853832	1854345	0.54	cps
Boron	10-1	88053	88766	90878	89232	1.65	cps
Boron	11-1	435980	440525	453749	443418	2.08	cps
Cadmium	111-1	842609	838123	841538	840757	0.28	cps
Cadmium	106-1	84766	85262	86108	85378	0.79	cps
Cadmium	108-1	59975	59410	59221	59535	0.66	cps
Calcium	43-1	5037453	5078779	5084951	5067061	0.51	cps
Calcium	44-1	81566760	82058006	81843558	81822775	0.30	cps
Chromium	52-2	557571	556689	559631	557964	0.27	cps
Cobalt	59-2	1051478	1045708	1051354	1049513	0.31	cps
Copper	63-2	1798642	1787061	1787238	1790981	0.37	cps
Dysprosium	156-1	75	108	42	75	44.44	cps
Dysprosium	156-2	13	7	10	10	33.30	cps
Erbium	164-1	33	67	25	42	52.92	cps
Erbium	164-2	3	7	20	10	88.20	cps
Gadolinium	160-1	75	92	67	78	16.37	cps
Gadolinium	160-2	13	3	13	10	57.75	cps
Holmium	165-1	6971281	7146710	7125038	7081010	1.35	cps
Holmium	165-2	2490404	2490871	2440600	2473958	1.17	cps
Indium	115-1	6007532	6175059	6108268	6096953	1.38	cps
Indium	115-2	430323	430481	433402	431402	0.40	cps
Iron	56-2	93504769	92889838	92703985	93032864	0.45	cps
Iron	57-2	2387242	2383344	2396222	2388936	0.28	cps
Krypton	83-1	340	450	420	403	14.10	cps
Lead	206-1	2013722	1974128	1969521	1985790	1.22	cps
Lead	207-1	1830667	1804446	1815381	1816831	0.72	cps
Lead	208-1	8117218	8003309	7968583	8029703	0.97	cps
Lithium	6-1	1545037	1571899	1591259	1569399	1.48	cps
Magnesium	24-2	10109681	10161867	10115495	10129014	0.28	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 20:07:02	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	339881	337422	338616	338640	0.36	cps
Molybdenum	94-1	6987542	6963815	6961125	6970827	0.21	cps
Molybdenum	95-1	8636684	8498256	8545485	8560142	0.82	cps
Molybdenum	96-1	9518940	9531894	9462822	9504552	0.39	cps
Molybdenum	97-1	5390536	5417414	5407689	5405213	0.25	cps
Molybdenum	98-1	13754476	13831668	13724638	13770261	0.40	cps
Neodymium	150-1	173	147	107	142	23.59	cps
Neodymium	150-2	17	27	10	18	47.19	cps
Nickel	60-2	321333	319702	320836	320624	0.26	cps
Phosphorus	31-2	7261	7094	7619	7324	3.66	cps
Potassium	39-2	3079627	3059849	3076023	3071833	0.34	cps
Rhodium	103-1	5748396	5972868	5973012	5898092	2.20	cps
Rhodium	103-2	2077354	2061008	2052777	2063713	0.61	cps
Scandium	45-1	4498596	4643090	4647924	4596537	1.85	cps
Scandium	45-2	50919	51153	50989	51020	0.24	cps
Selenium	77-2	553	503	557	538	5.56	cps
Selenium	78-2	1741	1758	1778	1759	1.05	cps
Selenium	82-1	56493	56804	56006	56434	0.71	cps
Silicon	28-1	2678288	2705431	2719304	2701008	0.77	cps
Silver	109-1	3921200	3889772	3891730	3900901	0.45	cps
Silver	107-1	4132866	4137320	4185053	4151747	0.70	cps
Sodium	23-2	22722308	22640660	22752442	22705137	0.25	cps
Strontium	86-1	1073980	1074460	1060644	1069695	0.73	cps
Strontium	88-1	9291075	9357557	9201186	9283273	0.85	cps
Sulfur	34-1	690963	681221	685245	685810	0.71	cps
Terbium	159-1	7300368	7436521	7380535	7372474	0.93	cps
Terbium	159-2	2512942	2482432	2518628	2504667	0.78	cps
Thallium	203-1	2477973	2478893	2463331	2473399	0.35	cps
Thallium	205-1	5854968	5801157	5723655	5793260	1.14	cps
Tin	118-1	2548333	2532003	2521735	2534024	0.53	cps
Titanium	47-1	2658669	2655209	2638819	2650899	0.40	cps
Uranium	238-1	7627532	7469549	7325060	7474047	2.02	cps
Vanadium	51-2	393230	394070	394728	394009	0.19	cps
Yttrium	89-1	6861287	7036998	7091205	6996497	1.72	cps
Yttrium	89-2	332721	332414	335379	333505	0.49	cps
Zinc	66-2	183911	183270	182639	183273	0.35	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 20:07:02	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5824982	5797767	5838242	5820330	0.35	cps
Zirconium	91-1	1316492	1306962	1312271	1311908	0.36	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 20:10:11	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40	60	53	51	19.88	cps
Antimony	121-1	2217	2692	2875	2595	13.10	cps
Arsenic	75-1	589	561	579	576	2.43	cps
Barium	135-1	67	33	33	44	43.31	cps
Barium	137-1	92	100	75	89	14.32	cps
Beryllium	9-1	228	222	306	252	18.50	cps
Bismuth	209-1	4330182	4369614	4236876	4312224	1.58	cps
Bismuth	209-2	1941721	1950523	1941681	1944642	0.26	cps
Boron	10-1	6277	5701	5385	5788	7.81	cps
Boron	11-1	31093	27494	26642	28410	8.32	cps
Cadmium	111-1	812	960	964	912	9.47	cps
Cadmium	106-1	1100	1342	1300	1247	10.36	cps
Cadmium	108-1	29	13	13	18	53.30	cps
Calcium	43-1	375	483	458	439	12.92	cps
Calcium	44-1	33917	33023	33065	33335	1.51	cps
Chromium	52-2	830	857	847	844	1.60	cps
Cobalt	59-2	87	80	87	84	4.56	cps
Copper	63-2	617	723	747	696	9.96	cps
Dysprosium	156-1	0	42	17	19	107.85	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	17	50	25	31	56.77	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	83	58	25	56	52.68	cps
Gadolinium	160-2	7	37	3	16	118.03	cps
Holmium	165-1	7019379	7111411	6853564	6994785	1.87	cps
Holmium	165-2	2465085	2453021	2434968	2451025	0.62	cps
Indium	115-1	6349740	6420395	6223901	6331346	1.57	cps
Indium	115-2	442083	440935	444563	442527	0.42	cps
Iron	56-2	2473	2656	2528	2552	3.68	cps
Iron	57-2	50	61	56	56	10.00	cps
Krypton	83-1	413	423	377	404	6.08	cps
Lead	206-1	567	733	633	644	13.02	cps
Lead	207-1	611	550	528	563	7.67	cps
Lead	208-1	2500	2595	2556	2550	1.86	cps
Lithium	6-1	1634109	1624586	1589553	1616083	1.45	cps
Magnesium	24-2	367	233	225	275	28.91	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 20:10:11	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	47	57	49	14.20	cps
Molybdenum	94-1	1759	1567	1534	1620	7.50	cps
Molybdenum	95-1	2825	2492	2192	2503	12.66	cps
Molybdenum	96-1	3000	2867	2175	2681	16.52	cps
Molybdenum	97-1	1542	1559	1283	1461	10.55	cps
Molybdenum	98-1	3834	3851	3651	3778	2.94	cps
Neodymium	150-1	27	20	7	18	57.27	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	53	57	61	17.53	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	5585	5301	5460	5449	2.61	cps
Rhodium	103-1	6244592	6374008	6189089	6269230	1.51	cps
Rhodium	103-2	2218406	2211708	2215111	2215075	0.15	cps
Scandium	45-1	4658969	4696564	4465113	4606882	2.70	cps
Scandium	45-2	49226	49347	49276	49283	0.12	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	-6	3	75	24	186.14	cps
Silicon	28-1	314008	312399	312972	313126	0.26	cps
Silver	109-1	433	392	558	461	18.81	cps
Silver	107-1	525	575	500	533	7.16	cps
Sodium	23-2	17895	17778	17161	17612	2.24	cps
Strontium	86-1	583	783	617	661	16.21	cps
Strontium	88-1	292	242	292	275	10.50	cps
Sulfur	34-1	388860	388436	386381	387892	0.34	cps
Terbium	159-1	7327009	7521841	7166409	7338419	2.43	cps
Terbium	159-2	2482657	2474933	2472294	2476628	0.22	cps
Thallium	203-1	1592	1650	1258	1500	14.09	cps
Thallium	205-1	3617	3542	3634	3598	1.36	cps
Tin	118-1	525	667	658	617	12.89	cps
Titanium	47-1	217	200	117	178	30.14	cps
Uranium	238-1	133	100	75	103	28.48	cps
Vanadium	51-2	10	13	13	12	15.73	cps
Yttrium	89-1	7036648	7121469	6829438	6995851	2.15	cps
Yttrium	89-2	329017	328957	330499	329491	0.27	cps
Zinc	66-2	117	83	87	96	19.21	cps

LB Number :	LB98902	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2018-10-25 20:10:11	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	717	825	800	781	7.27	cps
Zirconium	91-1	233	200	175	203	14.43	cps