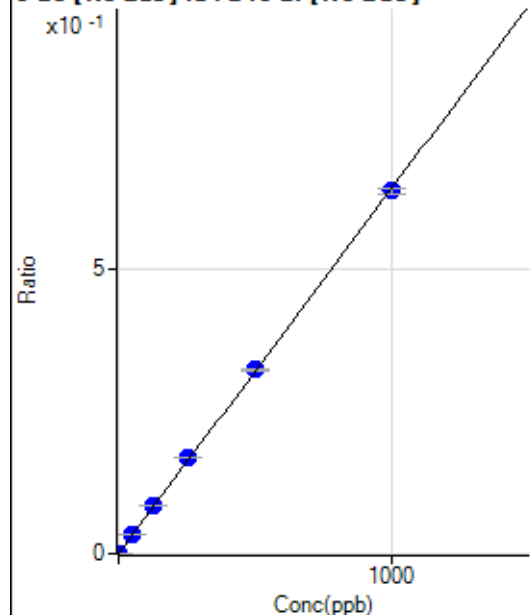


Batch Folder: D:\ICP-MS Data\P7061019MS.b\
Analysis File: P7061019MS.batch.bin
DA Date-Time: 2019-06-10 15:35:38
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-06-10 11:28:20
2			
3	005CALS.d	S02	2019-06-10 11:36:12
4	006CALS.d	S03	2019-06-10 11:40:09
5	007CALS.d	S04	2019-06-10 11:44:05
6	008CALS.d	S05	2019-06-10 11:47:58
7	009CALS.d	S06	2019-06-10 11:51:49
8	010CALS.d	S07	2019-06-10 11:55:39
9	011CALS.d	S08	2019-06-10 11:59:26

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	43.34	0.0000	P	34.9
2	☐	0.100					
3	☐	1.000	0.912	1126.73	0.0006	P	3.6
4	☐	50.000	51.486	60367.16	0.0330	P	0.4
5	☐	125.000	132.843	151537.26	0.0852	P	0.4
6	☐	250.000	263.171	280006.59	0.1687	P	0.9
7	☐	500.000	503.508	525986.80	0.3228	P	0.2
8	☐	1000.000	993.899	1020515.88	0.6371	P	1.2
9	☐			384.46	0.0002	P	2.1

$$y = 6.4101\text{E-}004 * x + 2.3228\text{E-}005$$

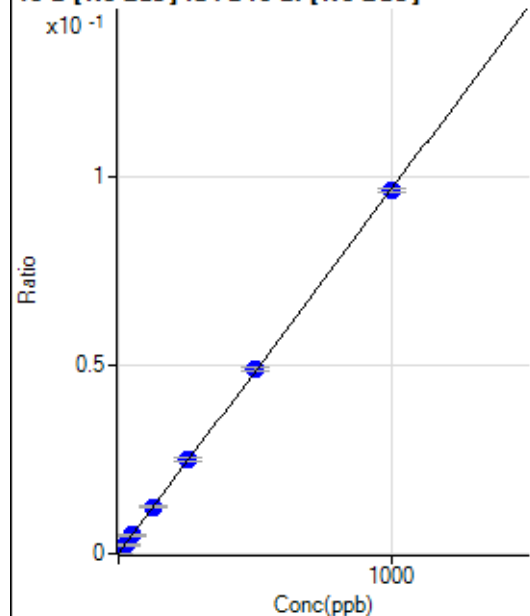
$$R = 0.9999$$

$$DL = 0.03791$$

$$BEC = 0.03624$$

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	113.89	0.0001	P	15.8
2	☐	2.500					
3	☐	25.000	23.210	4281.35	0.0023	P	4.6
4	☐	50.000	49.554	8886.27	0.0049	P	2.3
5	☐	125.000	128.174	22200.41	0.0125	P	1.5
6	☐	250.000	258.802	41708.47	0.0251	P	3.3
7	☐	500.000	504.678	79771.78	0.0490	P	1.8
8	☐	1000.000	995.131	154526.92	0.0965	P	0.9
9	☐			7516.05	0.0047	P	7.9

$$y = 9.6872\text{E-}005 * x + 6.1151\text{E-}005$$

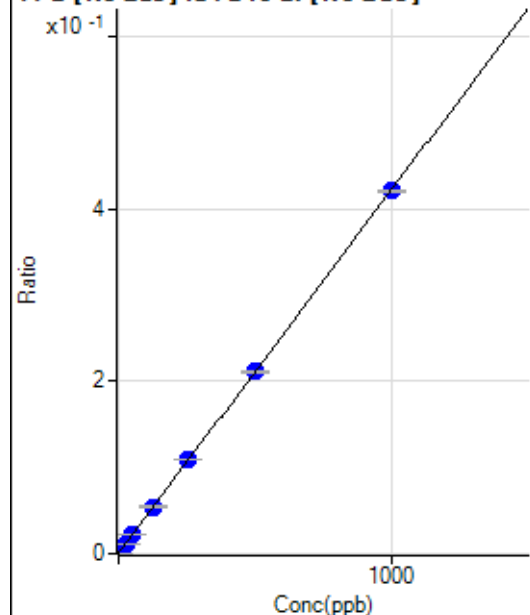
$$R = 0.9999$$

$$DL = 0.2992$$

$$BEC = 0.6313$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	736.16	0.0004	P	3.4
2	☐	2.500					
3	☐	25.000	23.847	19368.62	0.0104	P	1.0
4	☐	50.000	50.673	39772.88	0.0218	P	1.6
5	☐	125.000	128.368	96979.80	0.0545	P	1.4
6	☐	250.000	260.393	182842.92	0.1102	P	0.2
7	☐	500.000	500.193	344289.25	0.2113	P	1.0
8	☐	1000.000	996.879	673837.45	0.4207	P	0.6
9	☐			34345.77	0.0213	P	8.9

$$y = 4.2159\text{E-}004 * x + 3.9508\text{E-}004$$

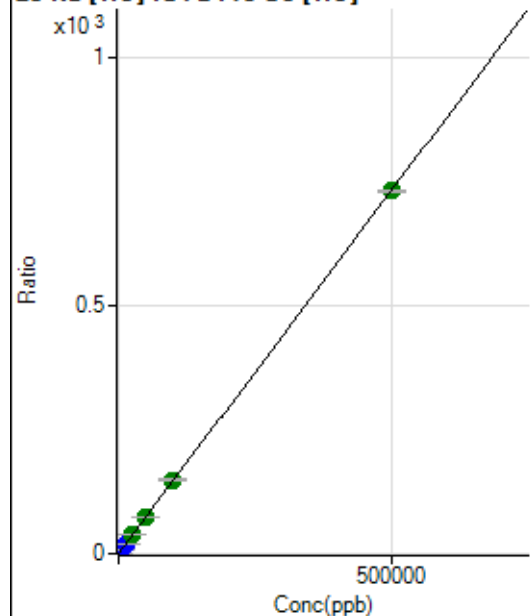
$$R = 0.9999$$

$$DL = 0.09441$$

$$BEC = 0.9371$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1822.41	0.0123	P	4.6
2	☐	50.000					
3	☐	500.000	482.797	105438.18	0.7192	P	0.7
4	☐	5000.000	5175.183	1085546.66	7.5898	P	0.8
5	☐	12500.000	13228.309	2663385.41	19.3812	P	0.8
6	☐	25000.000	26427.724	4999851.20	38.7078	A	0.7
7	☐	50000.000	51387.946	9521515.92	75.2546	A	0.3
8	☐	100000.00	101867.60	19322709.29	149.1670	A	1.3
9	☐	500000.00	499396.35	101516834.9	731.2294	A	0.3

$$y = 0.0015 * x + 0.0123$$

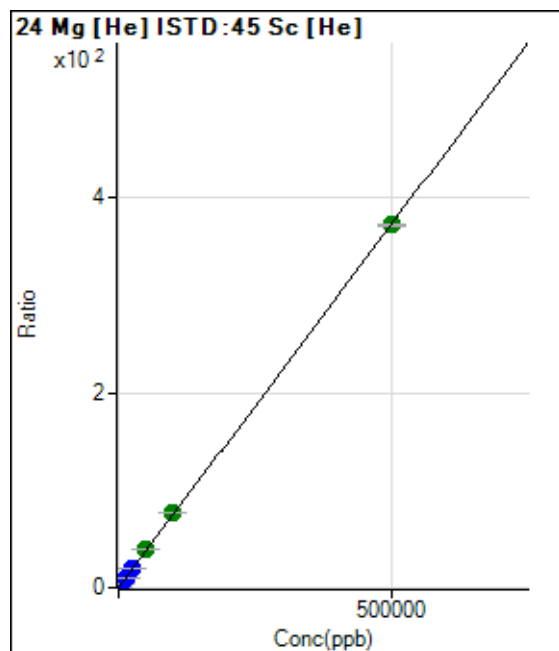
$$R = 1.0000$$

$$DL = 1.153$$

$$BEC = 8.382$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	291.68	0.0020	P	20.7
2	☐	50.000					
3	☐	500.000	519.742	57143.08	0.3898	P	1.0
4	☐	5000.000	5282.601	564060.32	3.9437	P	1.1
5	☐	12500.000	13553.576	1390082.34	10.1154	P	0.7
6	☐	25000.000	26804.183	2583741.07	20.0027	P	0.7
7	☐	50000.000	51926.504	4902561.57	38.7485	A	0.5
8	☐	100000.00	103029.59	9958949.79	76.8805	A	1.2
9	☐	500000.00	499082.03	51701425.81	372.4067	A	0.7

$$y = 7.4618\text{E-}004 * x + 0.0020$$

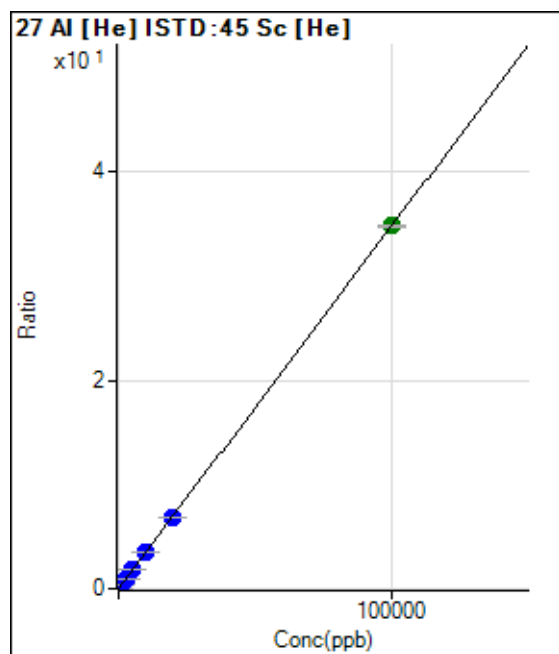
$$R = 1.0000$$

$$DL = 1.629$$

$$BEC = 2.629$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.23	0.0005	P	22.6
2	☐	2.000					
3	☐	20.000	20.460	1113.97	0.0076	P	11.0
4	☐	1000.000	1022.597	50932.29	0.3561	P	0.8
5	☐	2500.000	2563.332	122565.41	0.8919	P	1.1
6	☐	5000.000	5176.395	232586.52	1.8006	P	0.6
7	☐	10000.000	9967.965	438650.74	3.4669	P	0.4
8	☐	20000.000	19634.610	884565.72	6.8286	P	1.6
9	☐	100000.00	100065.65	4831158.79	34.7992	A	0.5

$$y = 3.4776\text{E-}004 * x + 4.8543\text{E-}004$$

$$R = 1.0000$$

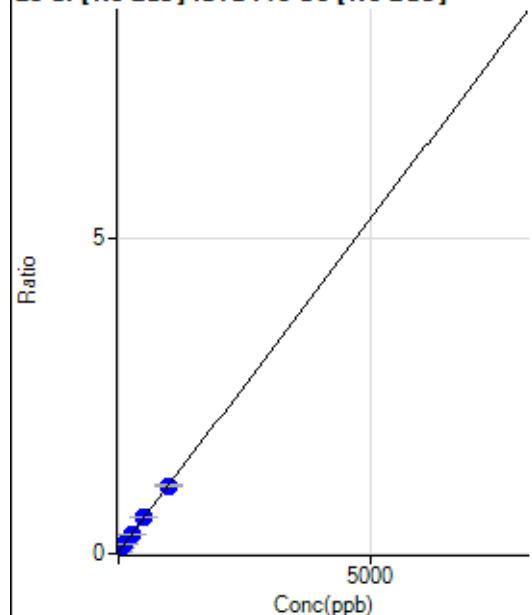
$$DL = 0.9457$$

$$BEC = 1.396$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	95330.73	0.0294	P	2.4
2	☐	1.000					
3	☐	10.000	8.651	123326.95	0.0385	P	0.9
4	☐	50.000	49.118	256753.53	0.0810	P	1.5
5	☐	125.000	122.645	488208.54	0.1582	P	0.1
6	☐	250.000	248.168	820158.78	0.2901	P	0.7
7	☐	500.000	510.803	1573094.74	0.5660	P	0.1
8	☐	1000.000	995.408	2980171.46	1.0751	P	1.1
9	☐			513498.93	0.1795	P	1.9

$$y = 0.0011 * x + 0.0294$$

$$R = 0.9999$$

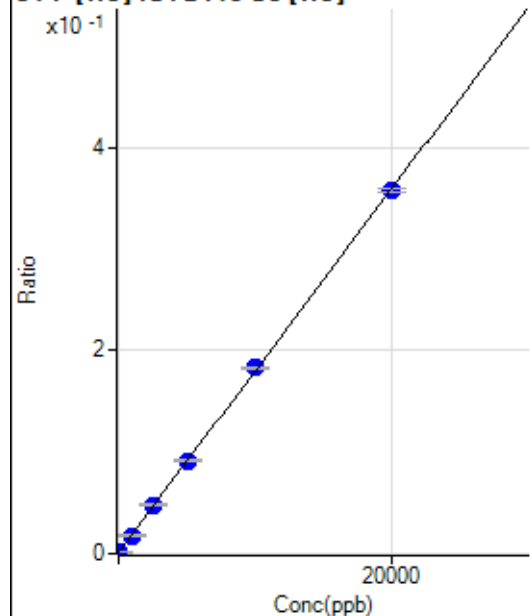
$$DL = 2.03$$

$$BEC = 27.97$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-31.959	83.34	0.0006	P	19.5
2	☐	0.000					
3	☐	0.000	31.959	250.01	0.0017	P	21.1
4	☐	1000.000	932.506	2550.33	0.0178	P	5.9
5	☐	2500.000	2592.427	6537.84	0.0476	P	3.3
6	☐	5000.000	5050.038	11830.13	0.0916	P	1.1
7	☐	10000.000	10160.549	23171.50	0.1831	P	1.5
8	☐	20000.000	19899.037	46317.42	0.3576	P	1.2
9	☐			72.23	0.0005	P	26.1

$$y = 1.7911E-005 * x + 0.0011$$

$$R = 0.9999$$

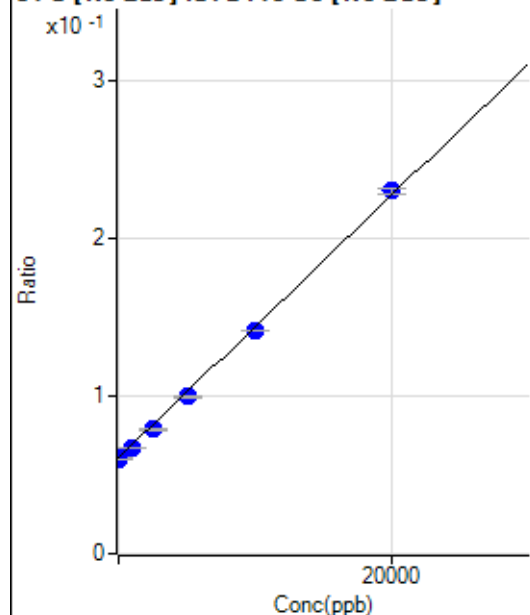
$$DL = 39.24$$

$$BEC = 63.29$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	127.520	201190.20	0.0620	P	1.8
2	☐	0.000					
3	☐	0.000	-127.520	191948.46	0.0599	P	0.7
4	☐	1000.000	741.964	212834.36	0.0671	P	0.9
5	☐	2500.000	2145.586	243226.21	0.0788	P	1.4
6	☐	5000.000	4677.296	282544.07	0.0999	P	1.1
7	☐	10000.000	9651.520	393013.28	0.1414	P	0.5
8	☐	20000.000	20312.120	638327.44	0.2303	P	1.6
9	☐			163108.59	0.0570	P	1.5

$$y = 8.3371\text{E-}006 * x + 0.0609$$

$$R = 0.9995$$

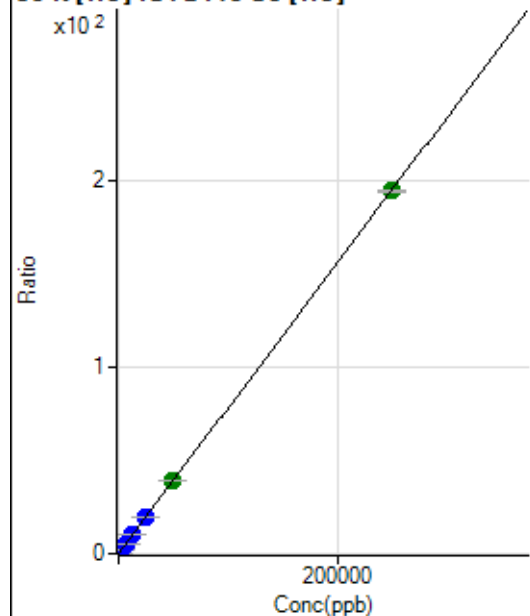
$$DL = 274.6$$

$$BEC = 7310$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9950.96	0.0670	P	3.0
2	☐	50.000					
3	☐	500.000	477.738	64348.66	0.4389	P	1.3
4	☐	2500.000	2582.143	297092.19	2.0771	P	0.2
5	☐	6250.000	6619.365	717332.82	5.2199	P	0.4
6	☐	12500.000	13039.818	1319831.91	10.2179	P	0.8
7	☐	25000.000	25365.106	2506756.83	19.8125	P	0.3
8	☐	50000.000	50421.748	5093180.06	39.3178	A	1.2
9	☐	250000.00	249842.13	27010224.91	194.5562	A	0.5

$$y = 7.7845\text{E-}004 * x + 0.0670$$

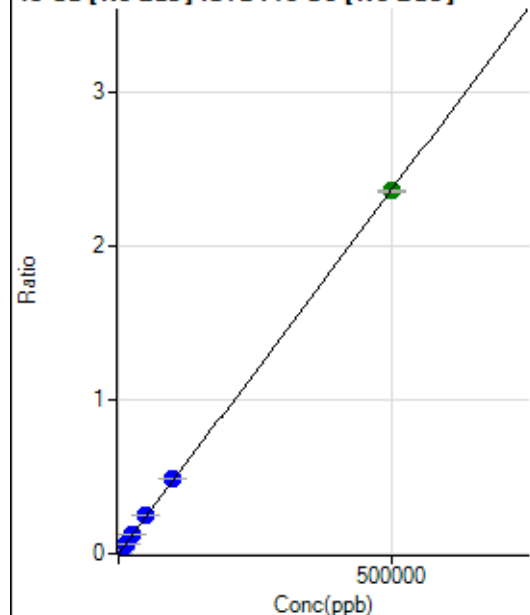
$$R = 1.0000$$

$$DL = 7.777$$

$$BEC = 86.11$$

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	130.56	0.0000	P	10.4
2	☐	50.000					
3	☐	500.000	481.154	7418.84	0.0023	P	2.1
4	☐	5000.000	5245.028	78729.15	0.0248	P	1.1
5	☐	12500.000	13390.168	195404.70	0.0633	P	0.4
6	☐	25000.000	26999.720	360916.48	0.1277	P	1.3
7	☐	50000.000	52169.702	685454.83	0.2466	P	0.7
8	☐	100000.00	103683.10	1358612.73	0.4901	P	0.8
9	☐	500000.00	498921.73	6743588.47	2.3583	A	0.5

$$y = 4.7267\text{E-}006 * x + 4.0255\text{E-}005$$

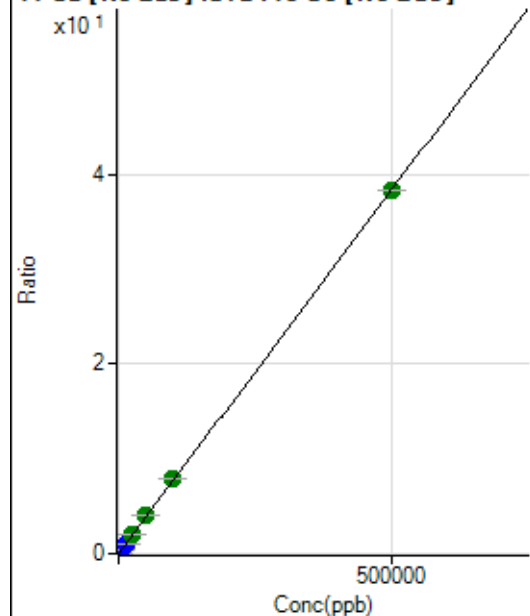
$$R = 1.0000$$

$$DL = 2.652$$

$$BEC = 8.517$$

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	4103.55	0.0013	P	7.6
2	☐	50.000					
3	☐	500.000	493.312	125448.08	0.0391	P	1.8
4	☐	5000.000	5201.920	1270195.46	0.4006	P	0.1
5	☐	12500.000	13335.732	3162856.84	1.0251	P	0.3
6	☐	25000.000	26949.969	5852994.27	2.0702	A	0.7
7	☐	50000.000	51952.069	11088105.37	3.9897	A	0.7
8	☐	100000.00	103688.81	22069669.59	7.9616	A	0.8
9	☐	500000.00	498946.62	109540762.1	38.3060	A	0.1

$$y = 7.6771\text{E-}005 * x + 0.0013$$

$$R = 1.0000$$

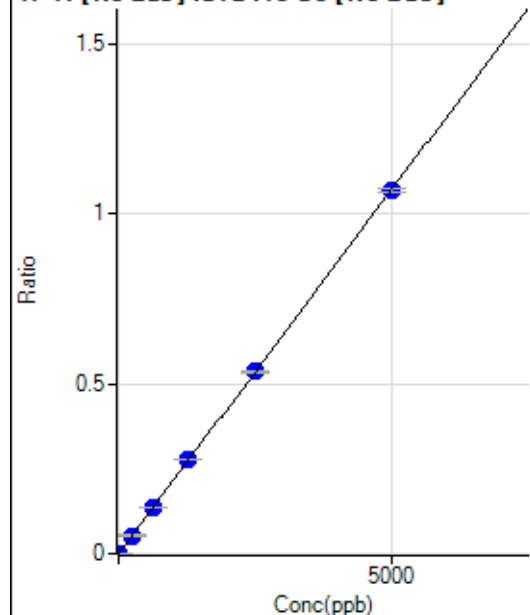
$$DL = 3.745$$

$$BEC = 16.48$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.23	0.0000	P	62.9
2	☐	0.500					
3	☐	5.000	4.861	3406.09	0.0011	P	1.8
4	☐	250.000	250.245	169870.05	0.0536	P	1.0
5	☐	625.000	639.744	422518.11	0.1369	P	0.4
6	☐	1250.000	1296.620	784626.94	0.2775	P	0.7
7	☐	2500.000	2500.706	1487520.64	0.5352	P	0.4
8	☐	5000.000	4986.137	2958110.33	1.0672	P	1.1
9	☐			1783.52	0.0006	P	3.4

$$y = 2.1402\text{E-}004 * x + 2.2210\text{E-}005$$

$$R = 0.9999$$

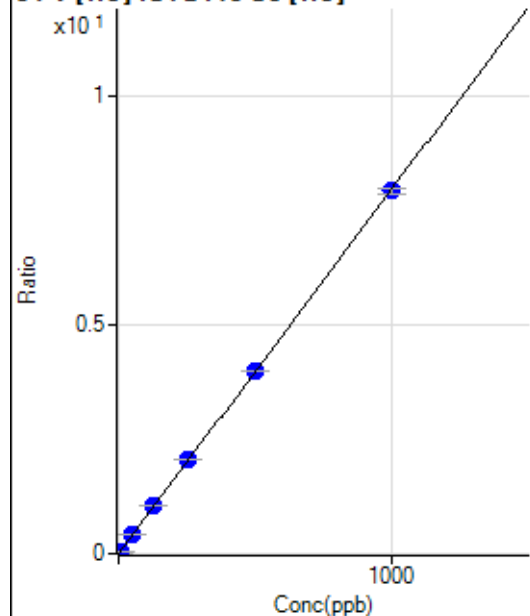
$$DL = 0.1958$$

$$BEC = 0.1038$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.67	0.0000	P	1.7
2	☐	0.500					
3	☐	5.000	5.090	5935.72	0.0405	P	2.1
4	☐	50.000	50.523	57423.46	0.4015	P	0.3
5	☐	125.000	129.964	141911.84	1.0327	P	0.9
6	☐	250.000	258.101	264898.76	2.0508	P	0.9
7	☐	500.000	502.228	504902.63	3.9905	P	0.7
8	☐	1000.000	996.214	1025351.81	7.9155	P	1.4
9	☐			224.45	0.0016	P	16.2

$$y = 0.0079 * x + 4.4931\text{E-}005$$

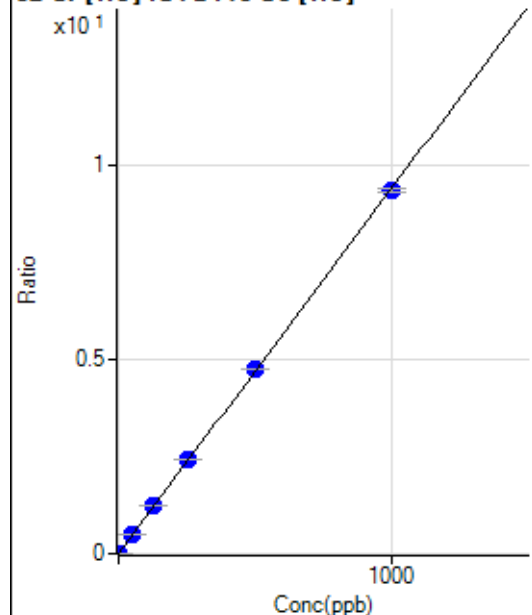
$$R = 1.0000$$

$$DL = 0.000288$$

$$BEC = 0.005655$$

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	373.34	0.0025	P	6.5
2	☐	0.200					
3	☐	2.000	1.988	3110.38	0.0212	P	2.8
4	☐	50.000	51.281	69366.58	0.4850	P	1.4
5	☐	125.000	131.889	170875.58	1.2434	P	0.9
6	☐	250.000	260.066	316392.55	2.4494	P	0.3
7	☐	500.000	505.893	602545.14	4.7623	P	0.4
8	☐	1000.000	993.612	1211327.47	9.3512	P	1.2
9	☐			9925.69	0.0715	P	0.9

$$y = 0.0094 * x + 0.0025$$

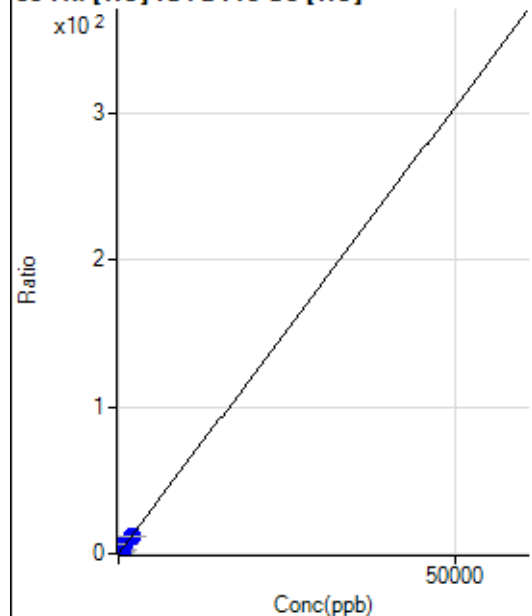
$$R = 0.9999$$

$$DL = 0.05231$$

$$BEC = 0.2671$$

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	20.00	0.0001	P	32.4
2	☐	0.100					
3	☐	1.000	0.999	911.16	0.0062	P	6.5
4	☐	100.000	101.508	88359.81	0.6177	P	0.1
5	☐	250.000	264.351	221048.12	1.6085	P	0.8
6	☐	500.000	522.697	410815.03	3.1804	P	0.6
7	☐	1000.000	993.182	764608.49	6.0430	P	0.6
8	☐	2000.000	1995.865	1573071.38	12.1437	P	1.7
9	☐			6541.56	0.0471	P	0.7

$$y = 0.0061 * x + 1.3436E-004$$

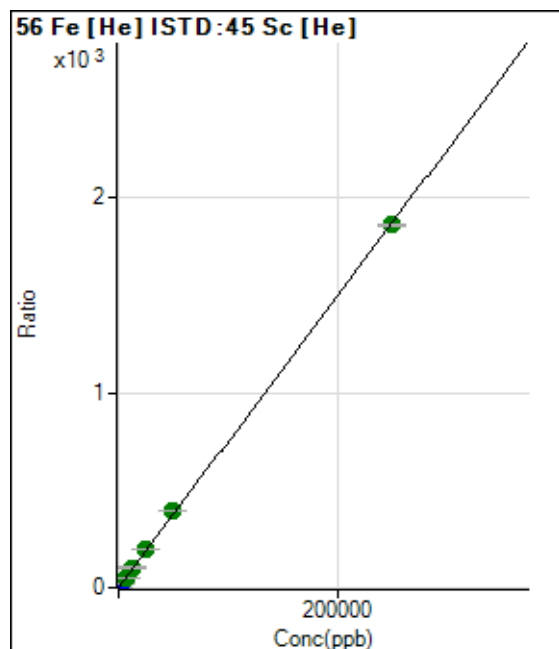
$$R = 0.9999$$

$$DL = 0.0215$$

$$BEC = 0.02208$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2257.64	0.0152	P	2.8
2	☐	5.000					
3	☐	50.000	56.085	63665.76	0.4343	P	0.4
4	☐	2500.000	2775.389	2968177.90	20.7525	P	0.8
5	☐	6250.000	6972.668	7161549.41	52.1140	A	0.9
6	☐	12500.000	13830.261	13350083.75	103.3531	A	0.6
7	☐	25000.000	26911.057	25443132.05	201.0910	A	0.4
8	☐	50000.000	52845.048	51150301.61	394.8664	A	1.3
9	☐	250000.00	249152.55	258451935.4	1,861.649	A	0.3

$$y = 0.0075 * x + 0.0152$$

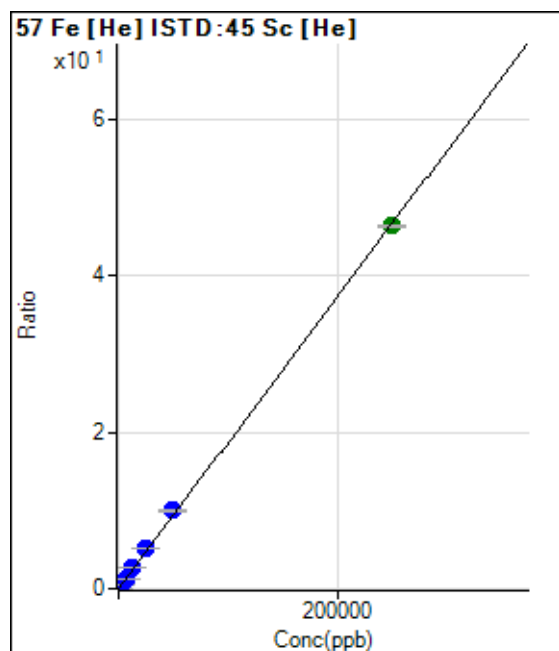
$$R = 0.9999$$

$$DL = 0.1708$$

$$BEC = 2.035$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	98.15	0.0007	P	16.4
2	☐	5.000					
3	☐	50.000	55.413	1609.39	0.0110	P	5.7
4	☐	2500.000	2817.617	75113.80	0.5252	P	1.6
5	☐	6250.000	7103.673	181818.56	1.3231	P	0.8
6	☐	12500.000	14115.790	339520.23	2.6284	P	0.6
7	☐	25000.000	27257.222	642113.38	5.0748	P	0.7
8	☐	50000.000	53462.946	1289325.12	9.9533	P	1.6
9	☐	250000.00	248976.38	6434794.30	46.3499	A	0.5

$$y = 1.8616E-004 * x + 6.6044E-004$$

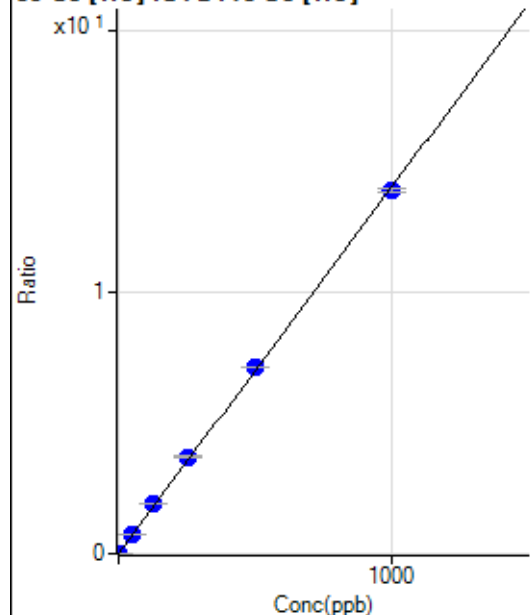
$$R = 0.9999$$

$$DL = 1.749$$

$$BEC = 3.548$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0002	P	50.3
2	☐	0.100					
3	☐	1.000	0.933	1944.60	0.0133	P	2.3
4	☐	50.000	53.057	106387.85	0.7438	P	1.0
5	☐	125.000	134.728	259527.29	1.8886	P	0.8
6	☐	250.000	264.554	478994.19	3.7082	P	0.5
7	☐	500.000	509.122	902887.76	7.1361	P	0.5
8	☐	1000.000	990.432	1798279.71	13.8822	P	1.1
9	☐			22119.09	0.1593	P	0.8

$$y = 0.0140 * x + 1.8811E-004$$

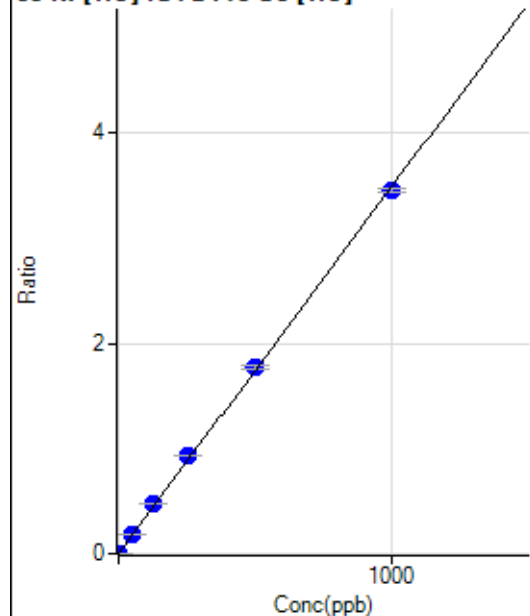
$$R = 0.9998$$

$$DL = 0.02027$$

$$BEC = 0.01342$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	68.89	0.0005	P	28.2
2	☐	0.100					
3	☐	1.000	0.966	561.13	0.0038	P	8.0
4	☐	50.000	53.066	26504.15	0.1853	P	0.5
5	☐	125.000	135.977	65147.34	0.4741	P	1.3
6	☐	250.000	267.139	120243.09	0.9309	P	0.7
7	☐	500.000	509.485	224579.75	1.7750	P	1.4
8	☐	1000.000	989.447	446475.19	3.4467	P	1.2
9	☐			5969.07	0.0430	P	4.2

$$y = 0.0035 * x + 4.6539E-004$$

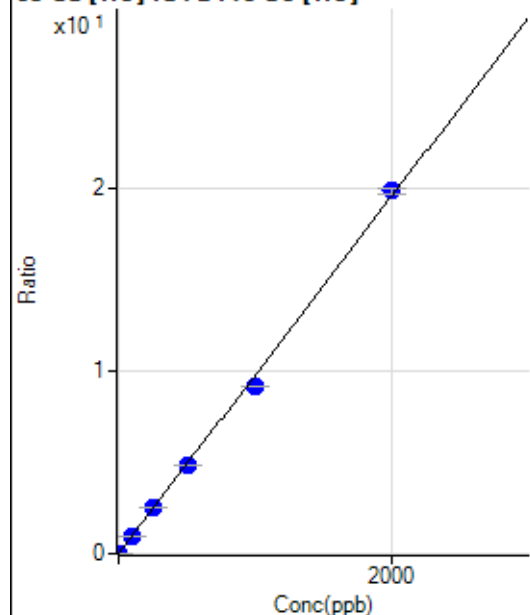
$$R = 0.9997$$

$$DL = 0.1132$$

$$BEC = 0.1336$$

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	311.12	0.0021	P	10.5
2	☐	0.200					
3	☐	2.000	1.870	2989.24	0.0204	P	3.4
4	☐	100.000	98.703	138425.65	0.9678	P	1.3
5	☐	250.000	255.123	343326.91	2.4983	P	0.6
6	☐	500.000	494.522	625274.22	4.8407	P	0.7
7	☐	1000.000	937.687	1161094.53	9.1768	P	0.7
8	☐	2000.000	2031.951	2575669.37	19.8836	P	1.3
9	☐			3239.31	0.0233	P	2.9

$$y = 0.0098 * x + 0.0021$$

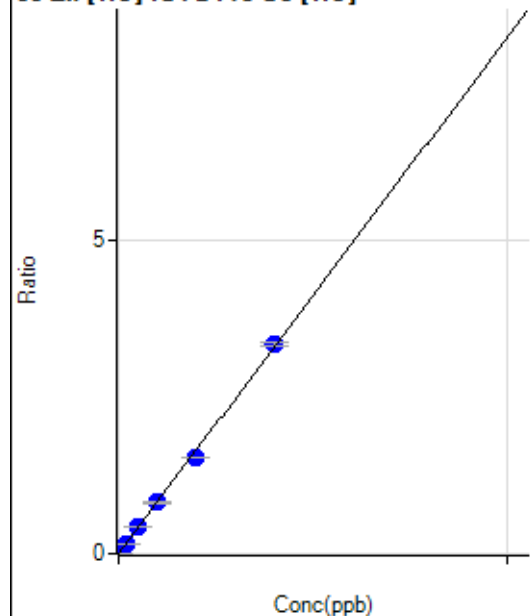
$$R = 0.9993$$

$$DL = 0.06748$$

$$BEC = 0.2142$$

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	203.37	0.0014	P	7.9
2	☐	0.200					
3	☐	2.000	1.839	644.77	0.0044	P	9.0
4	☐	100.000	97.727	23215.93	0.1623	P	1.9
5	☐	250.000	253.029	57458.66	0.4181	P	0.7
6	☐	500.000	493.242	105112.12	0.8138	P	0.9
7	☐	1000.000	935.619	195157.17	1.5424	P	0.7
8	☐	2000.000	2033.615	434055.93	3.3508	P	1.6
9	☐			3528.15	0.0254	P	3.4

$$y = 0.0016 * x + 0.0014$$

$$R = 0.9992$$

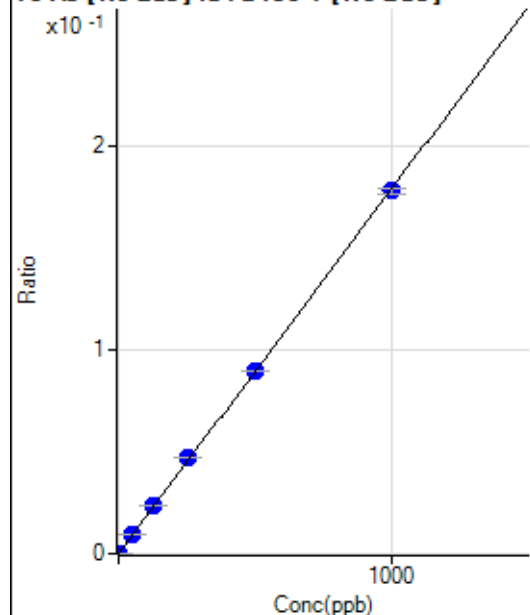
$$DL = 0.1971$$

$$BEC = 0.8316$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-87.21	0.0000	P	-8.6
2	☐	0.100					
3	☐	1.000	0.843	680.42	0.0001	P	14.9
4	☐	50.000	51.497	46362.66	0.0092	P	0.9
5	☐	125.000	132.725	117414.68	0.0237	P	0.8
6	☐	250.000	262.974	217983.88	0.0470	P	0.5
7	☐	500.000	501.705	412749.06	0.0896	P	0.3
8	☐	1000.000	994.864	821178.50	0.1778	P	1.6
9	☐			1178.98	0.0003	P	19.6

$$y = 1.7871\text{E-}004 * x - 1.7336\text{E-}005$$

$$R = 0.9999$$

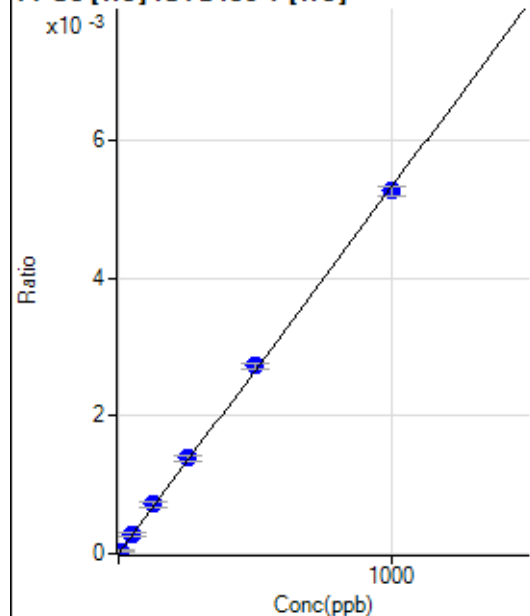
$$DL = 0.02509$$

$$BEC = -0.09701$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	7.848	34.44	0.0000	P	36.3
4	☐	50.000	51.308	220.00	0.0003	P	16.4
5	☐	125.000	135.304	560.02	0.0007	P	12.0
6	☐	250.000	260.274	1031.16	0.0014	P	5.8
7	☐	500.000	512.589	1979.06	0.0027	P	3.2
8	☐	1000.000	989.769	3901.70	0.0053	P	2.5
9	☐			3.33	0.0000	P	1.2

$$y = 5.3142\text{E-}006 * x + 0.0000\text{E+}000$$

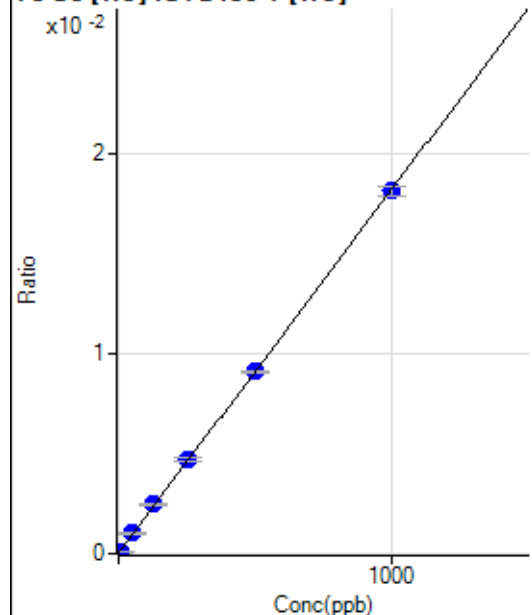
$$R = 0.9998$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.84	0.0000	P	34.6
2	☐	0.500					
3	☐	5.000	5.708	108.03	0.0001	P	16.6
4	☐	50.000	54.325	817.93	0.0010	P	9.0
5	☐	125.000	134.877	1929.15	0.0025	P	3.0
6	☐	250.000	257.331	3501.07	0.0047	P	2.4
7	☐	500.000	499.666	6608.96	0.0091	P	1.3
8	☐	1000.000	996.879	13437.16	0.0181	P	2.3
9	☐			33.95	0.0000	P	37.4

$$y = 1.8149\text{E-}005 * x + 2.7388\text{E-}005$$

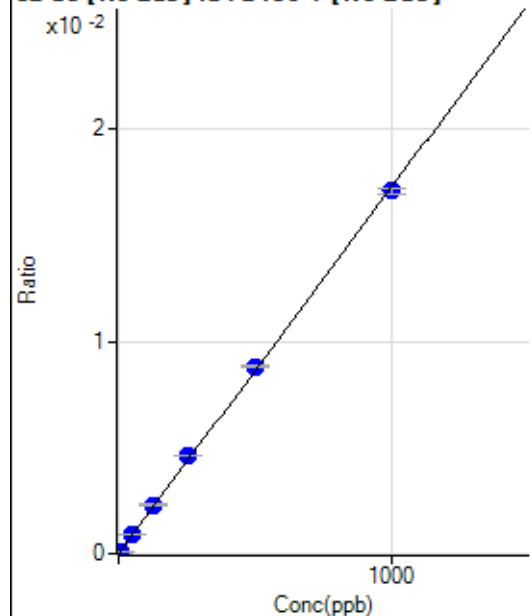
$$R = 0.9999$$

$$DL = 1.566$$

$$BEC = 1.509$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23.38	0.0000	P	50.7
2	☐	0.500					
3	☐	5.000	5.275	488.37	0.0001	P	9.9
4	☐	50.000	52.370	4587.29	0.0009	P	2.4
5	☐	125.000	133.573	11447.81	0.0023	P	0.2
6	☐	250.000	265.799	21315.18	0.0046	P	0.7
7	☐	500.000	509.449	40520.20	0.0088	P	0.9
8	☐	1000.000	990.134	78984.89	0.0171	P	1.7
9	☐			83.46	0.0000	P	21.5

$$y = 1.7265\text{E-}005 * x + 4.6377\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.4083$$

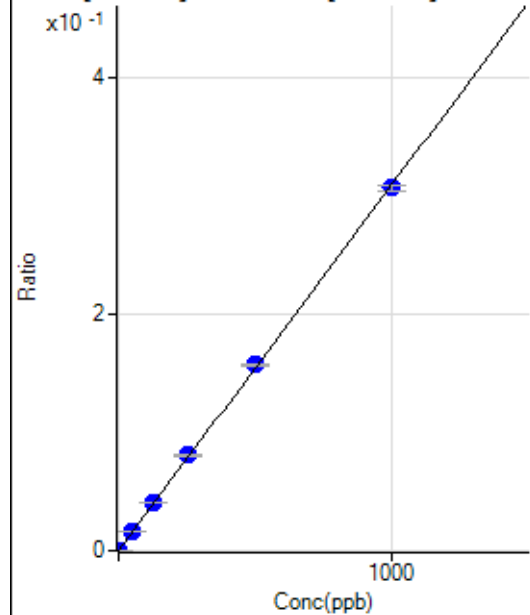
$$BEC = 0.2686$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			151.11		P	16.3
2	☐						
3	☐			143.33		P	24.5
4	☐			126.67		P	10.5
5	☐			162.23		P	17.5
6	☐			134.45		P	7.6
7	☐			130.01		P	11.7
8	☐			134.45		P	10.0
9	☐			140.00		P	11.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	266.68	0.0001	P	8.2
2	☐	0.100					
3	☐	1.000	0.950	1766.85	0.0003	P	10.4
4	☐	50.000	50.643	79098.43	0.0157	P	0.4
5	☐	125.000	130.620	199814.94	0.0403	P	1.6
6	☐	250.000	260.504	373029.20	0.0804	P	0.7
7	☐	500.000	507.977	721559.90	0.1567	P	0.8
8	☐	1000.000	992.651	1414381.46	0.3062	P	1.4
9	☐			5948.73	0.0013	P	1.5

$$y = 3.0840E-004 * x + 5.3016E-005$$

$$R = 0.9999$$

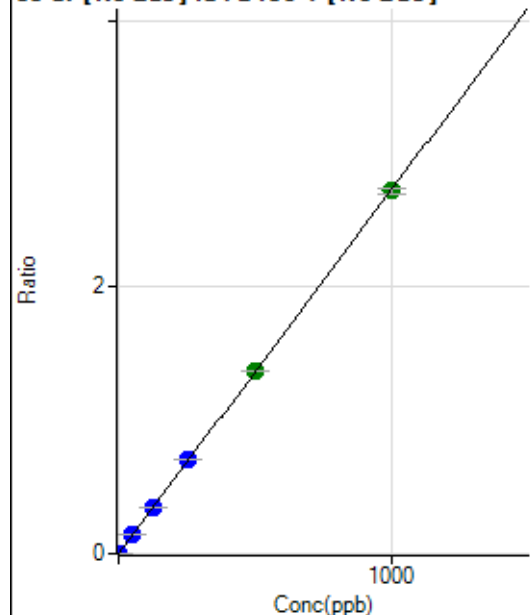
$$DL = 0.04235$$

$$BEC = 0.1719$$

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	261.13	0.0001	P	17.8
2	☐	0.100					
3	☐	1.000	0.948	13476.27	0.0026	P	1.7
4	☐	50.000	50.305	693567.48	0.1374	P	0.4
5	☐	125.000	127.903	1730416.86	0.3493	P	0.7
6	☐	250.000	257.264	3259832.35	0.7025	P	0.2
7	☐	500.000	501.905	6310607.56	1.3705	A	0.4
8	☐	1000.000	996.854	12574094.99	2.7220	A	1.5
9	☐			50907.95	0.0112	P	2.0

$$y = 0.0027 * x + 5.1930E-005$$

$$R = 1.0000$$

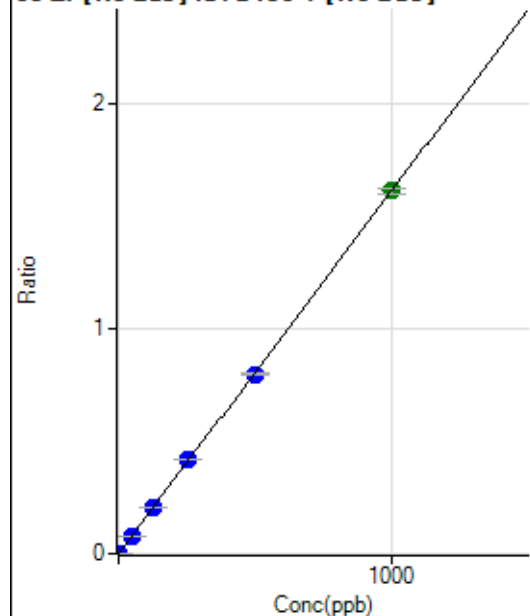
$$DL = 0.01015$$

$$BEC = 0.01902$$

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	469.47	0.0001	P	3.2
2	☐	0.100					
3	☐	1.000	0.871	7643.99	0.0015	P	1.1
4	☐	50.000	49.393	402316.47	0.0797	P	0.6
5	☐	125.000	127.498	1018509.79	0.2056	P	0.6
6	☐	250.000	258.008	1930096.90	0.4160	P	0.6
7	☐	500.000	494.906	3673313.02	0.7978	P	0.9
8	☐	1000.000	1000.263	7447952.51	1.6123	A	1.4
9	☐			2853.18	0.0006	P	13.1

$$y = 0.0016 * x + 9.3321E-005$$

$$R = 0.9999$$

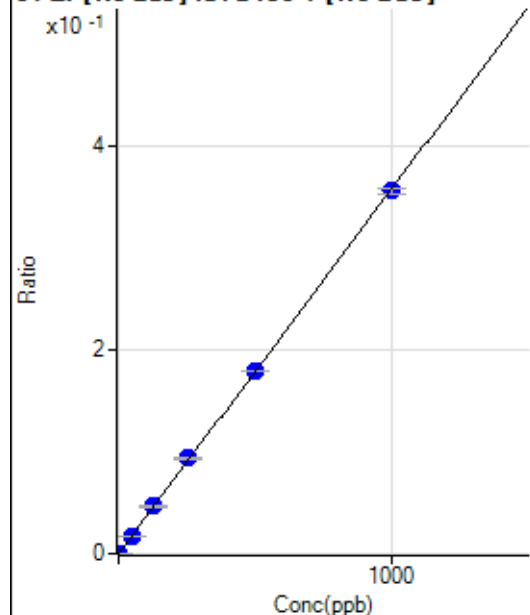
$$DL = 0.005553$$

$$BEC = 0.0579$$

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	80.56	0.0000	P	52.8
2	☐	0.100					
3	☐	1.000	0.898	1722.40	0.0003	P	2.3
4	☐	50.000	49.845	90150.02	0.0179	P	0.1
5	☐	125.000	129.483	229721.43	0.0464	P	0.6
6	☐	250.000	261.169	433922.87	0.0935	P	0.5
7	☐	500.000	502.635	828612.05	0.1800	P	0.4
8	☐	1000.000	995.338	1646026.98	0.3563	P	1.9
9	☐			580.59	0.0001	P	14.1

$$y = 3.5800\text{E-}004 * x + 1.6007\text{E-}005$$

$$R = 0.9999$$

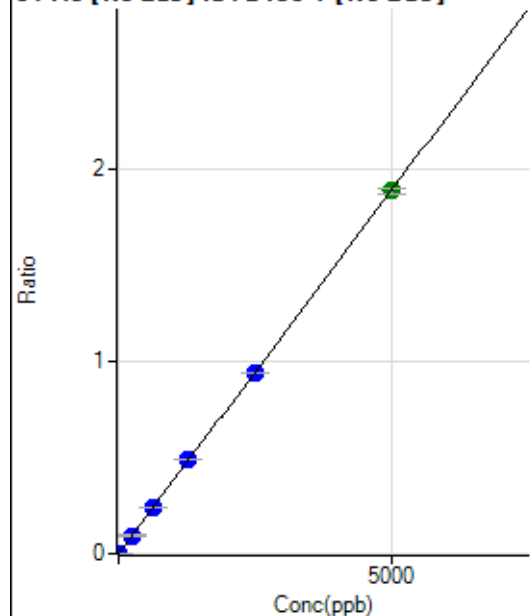
$$DL = 0.07088$$

$$BEC = 0.04471$$

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	175.01	0.0000	P	20.6
2	☐	0.500					
3	☐	5.000	4.752	9336.73	0.0018	P	4.5
4	☐	250.000	250.444	477563.83	0.0946	P	0.8
5	☐	625.000	643.486	1204093.68	0.2430	P	0.2
6	☐	1250.000	1292.028	2264243.17	0.4880	P	0.4
7	☐	2500.000	2490.117	4330100.53	0.9404	P	0.8
8	☐	5000.000	4992.101	8708711.83	1.8853	A	1.7
9	☐			5845.89	0.0013	P	6.8

$$y = 3.7765\text{E-}004 * x + 3.4786\text{E-}005$$

$$R = 1.0000$$

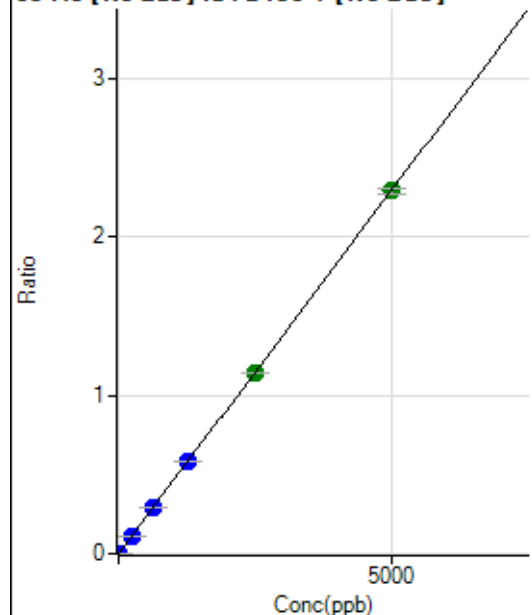
$$DL = 0.05704$$

$$BEC = 0.09211$$

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	55.56	0.0000	P	8.1
2	☐	0.500					
3	☐	5.000	4.931	11610.77	0.0023	P	4.1
4	☐	250.000	250.292	580022.41	0.1149	P	0.1
5	☐	625.000	638.702	1452664.95	0.2932	P	0.2
6	☐	1250.000	1278.291	2723064.86	0.5868	P	0.5
7	☐	2500.000	2493.859	5271640.61	1.1449	A	0.1
8	☐	5000.000	4994.270	10590943.38	2.2928	A	1.6
9	☐			8719.71	0.0019	P	8.4

$$y = 4.5908\text{E-}004 * x + 1.1042\text{E-}005$$

$$R = 1.0000$$

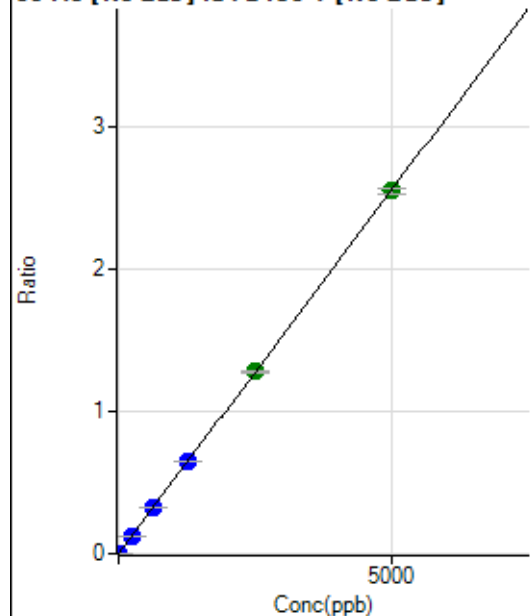
$$DL = 0.005825$$

$$BEC = 0.02405$$

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	97.23	0.0000	P	12.9
2	☐	0.500					
3	☐	5.000	4.759	12514.35	0.0025	P	3.9
4	☐	250.000	248.968	642314.36	0.1273	P	0.5
5	☐	625.000	639.704	1619709.27	0.3269	P	0.3
6	☐	1250.000	1279.310	3033784.75	0.6538	P	0.4
7	☐	2500.000	2500.153	5883265.11	1.2777	A	0.2
8	☐	5000.000	4990.810	11781993.93	2.5506	A	1.5
9	☐			12322.42	0.0027	P	4.4

$$y = 5.1105\text{E-}004 * x + 1.9327\text{E-}005$$

$$R = 1.0000$$

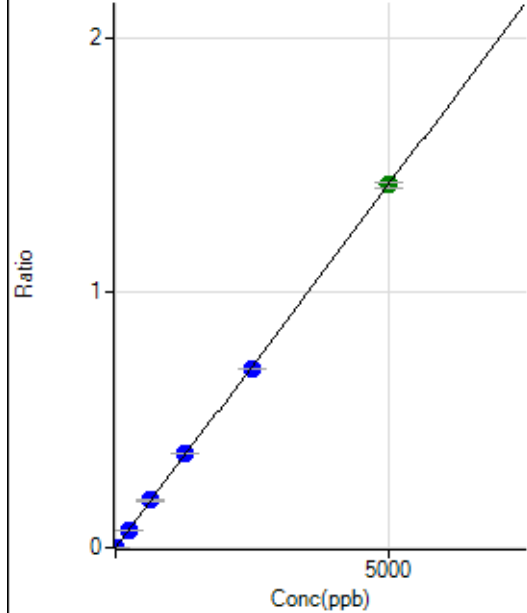
$$DL = 0.01464$$

$$BEC = 0.03782$$

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	22.22	0.0000	P	78.0
2	☐	0.500					
3	☐	5.000	5.096	7421.73	0.0015	P	6.8
4	☐	250.000	250.904	360347.92	0.0714	P	0.5
5	☐	625.000	650.105	916372.33	0.1850	P	0.5
6	☐	1250.000	1299.006	1714998.02	0.3696	P	0.3
7	☐	2500.000	2473.847	3240933.86	0.7039	P	0.2
8	☐	5000.000	4997.642	6568293.98	1.4219	A	1.7
9	☐			5123.36	0.0011	P	6.6

$$y = 2.8452\text{E-}004 * x + 4.4207\text{E-}006$$

$$R = 0.9999$$

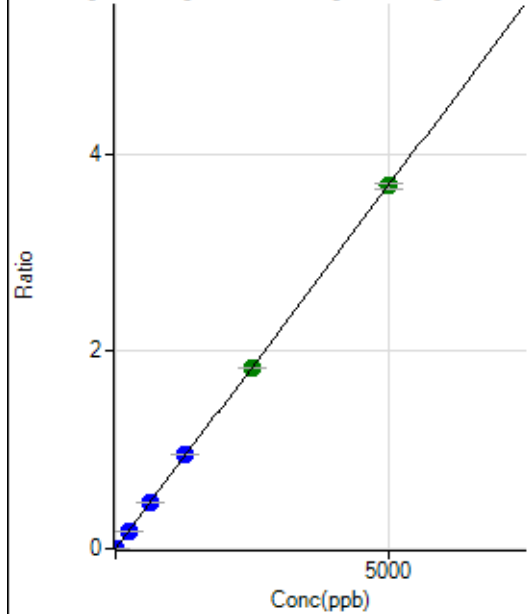
$$DL = 0.03634$$

$$BEC = 0.01554$$

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	88.89	0.0000	P	13.9
2	☐	0.500					
3	☐	5.000	4.883	18454.24	0.0036	P	1.5
4	☐	250.000	250.161	930421.27	0.1843	P	0.6
5	☐	625.000	644.287	2351874.25	0.4747	P	0.3
6	☐	1250.000	1287.711	4402641.20	0.9488	P	0.6
7	☐	2500.000	2491.368	8452393.76	1.8357	A	0.1
8	☐	5000.000	4992.469	16992222.25	3.6785	A	1.6
9	☐			13303.98	0.0029	P	3.5

$$y = 7.3681\text{E-}004 * x + 1.7664\text{E-}005$$

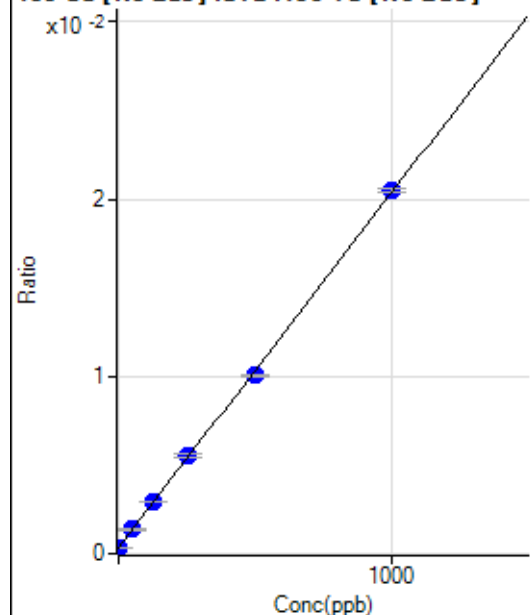
$$R = 1.0000$$

$$DL = 0.009993$$

$$BEC = 0.02397$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2280.83	0.0003	P	0.4
2	☐	0.100					
3	☐	1.000	0.654	2414.21	0.0004	P	8.1
4	☐	50.000	51.918	9384.04	0.0014	P	6.3
5	☐	125.000	129.936	19945.26	0.0029	P	1.6
6	☐	250.000	257.973	35918.73	0.0055	P	3.3
7	☐	500.000	484.120	66285.94	0.0100	P	1.0
8	☐	1000.000	1005.234	136338.88	0.0205	P	0.9
9	☐			2025.23	0.0003	P	2.7

$$y = 2.0015\text{E-}005 * x + 3.4283\text{E-}004$$

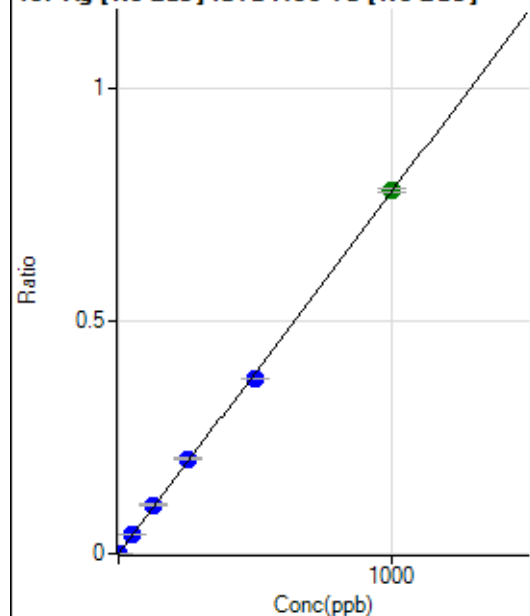
$$R = 0.9998$$

$$DL = 0.217$$

$$BEC = 17.13$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.44	0.0000	P	22.0
2	☐	0.100					
3	☐	1.000	0.999	5317.89	0.0008	P	3.4
4	☐	50.000	54.038	285495.30	0.0420	P	1.2
5	☐	125.000	135.489	714278.71	0.1054	P	0.6
6	☐	250.000	262.480	1332314.00	0.2042	P	0.9
7	☐	500.000	484.174	2489049.45	0.3767	P	0.7
8	☐	1000.000	1003.280	5200779.63	0.7806	A	1.0
9	☐			797.28	0.0001	P	4.9

$$y = 7.7803\text{E-}004 * x + 6.6849\text{E-}006$$

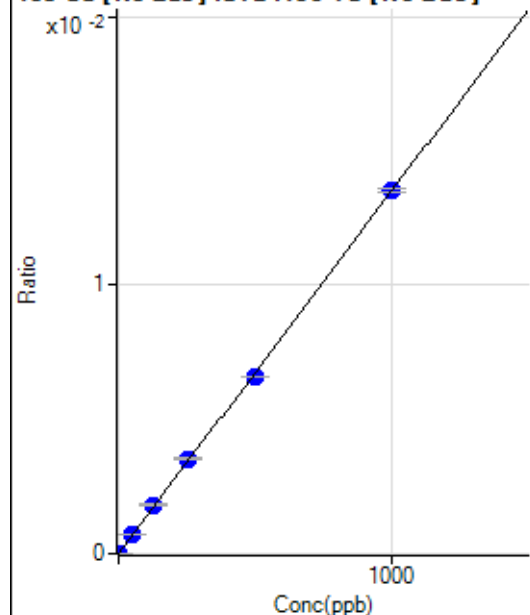
$$R = 0.9997$$

$$DL = 0.005682$$

$$BEC = 0.008592$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.17	0.0000	P	99.9
2	☐	0.100					
3	☐	1.000	0.969	93.06	0.0000	P	6.7
4	☐	50.000	53.074	4871.76	0.0007	P	3.8
5	☐	125.000	134.777	12340.32	0.0018	P	1.6
6	☐	250.000	262.194	23109.48	0.0035	P	3.3
7	☐	500.000	489.252	43674.25	0.0066	P	0.5
8	☐	1000.000	1000.950	90092.20	0.0135	P	1.1
9	☐			33.33	0.0000	P	54.4

$$y = 1.3509\text{E-}005 * x + 6.2332\text{E-}007$$

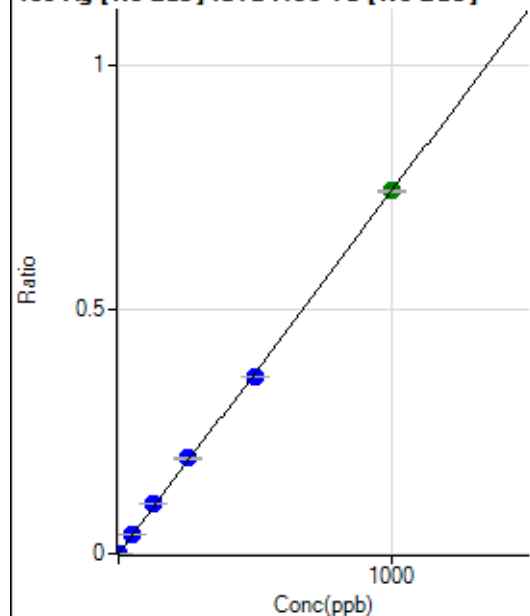
$$R = 0.9998$$

$$DL = 0.1383$$

$$BEC = 0.04614$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	57.8
2	☐	0.100					
3	☐	1.000	1.005	5101.13	0.0008	P	3.3
4	☐	50.000	53.865	271305.09	0.0400	P	1.0
5	☐	125.000	135.774	682391.62	0.1007	P	0.3
6	☐	250.000	263.479	1274943.12	0.1954	P	1.1
7	☐	500.000	488.260	2392850.60	0.3622	P	0.8
8	☐	1000.000	1000.960	4946486.61	0.7424	A	0.7
9	☐			727.83	0.0001	P	26.7

$$y = 7.4171\text{E-}004 * x + 6.6956\text{E-}006$$

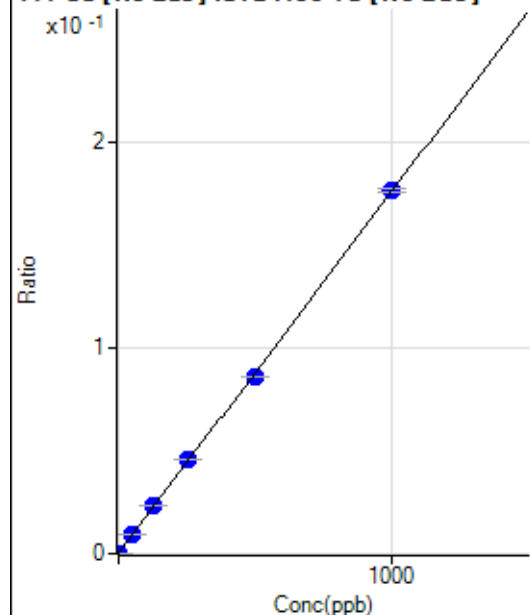
$$R = 0.9998$$

$$DL = 0.01565$$

$$BEC = 0.009027$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1597.83	0.0002	P	0.5
2	☐	0.100					
3	☐	1.000	0.996	2812.39	0.0004	P	8.5
4	☐	50.000	52.348	63910.78	0.0094	P	1.9
5	☐	125.000	131.280	157489.46	0.0232	P	0.2
6	☐	250.000	260.517	299372.46	0.0459	P	0.7
7	☐	500.000	487.493	565992.25	0.0857	P	0.6
8	☐	1000.000	1002.722	1172209.38	0.1759	P	1.1
9	☐			1684.62	0.0003	P	2.5

$$y = 1.7523\text{E-}004 * x + 2.4018\text{E-}004$$

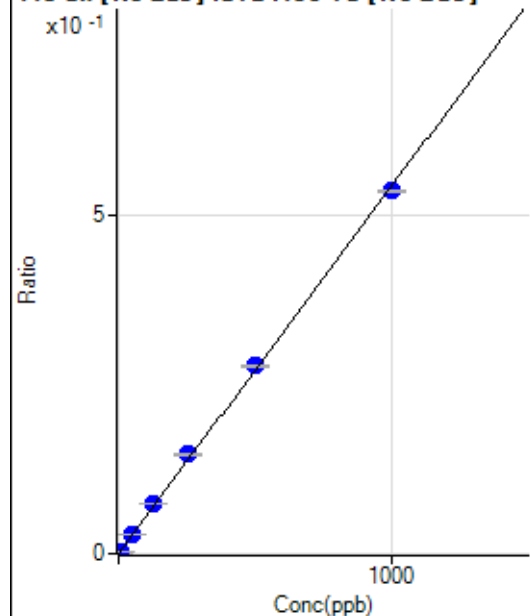
$$R = 0.9998$$

$$DL = 0.02086$$

$$BEC = 1.371$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	197.23	0.0000	P	28.2
2	☐	0.500					
3	☐	5.000	5.315	19756.28	0.0029	P	1.9
4	☐	50.000	53.709	197946.43	0.0292	P	0.3
5	☐	125.000	135.756	498972.23	0.0736	P	0.7
6	☐	250.000	270.398	956757.24	0.1467	P	1.2
7	☐	500.000	511.457	1832684.37	0.2774	P	1.0
8	☐	1000.000	987.640	3568443.44	0.5356	P	0.8
9	☐			2850.43	0.0004	P	9.9

$$y = 5.4227\text{E-}004 * x + 2.9682\text{E-}005$$

$$R = 0.9996$$

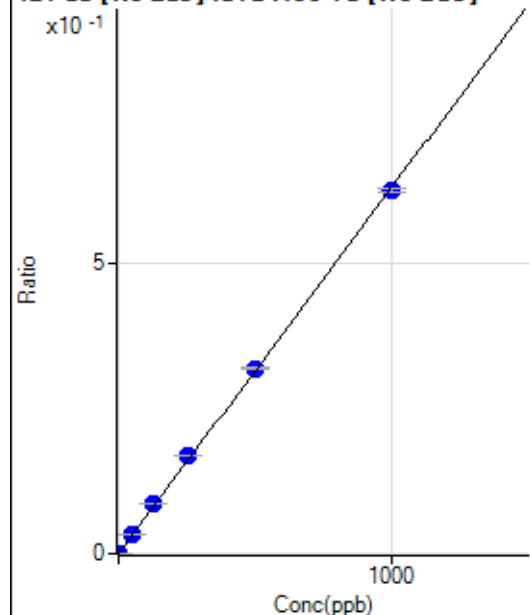
$$DL = 0.04626$$

$$BEC = 0.05474$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	62.4
2	☐	0.200					
3	☐	2.000	2.000	8583.51	0.0013	P	4.8
4	☐	50.000	52.389	224332.02	0.0330	P	0.3
5	☐	125.000	134.712	575614.65	0.0850	P	0.2
6	☐	250.000	267.263	1099525.38	0.1685	P	0.9
7	☐	500.000	505.748	2107183.84	0.3189	P	1.4
8	☐	1000.000	991.477	4165553.00	0.6252	P	1.2
9	☐			6134.94	0.0010	P	1.7

$$y = 6.3060E-004 * x + 4.1801E-006$$

$$R = 0.9998$$

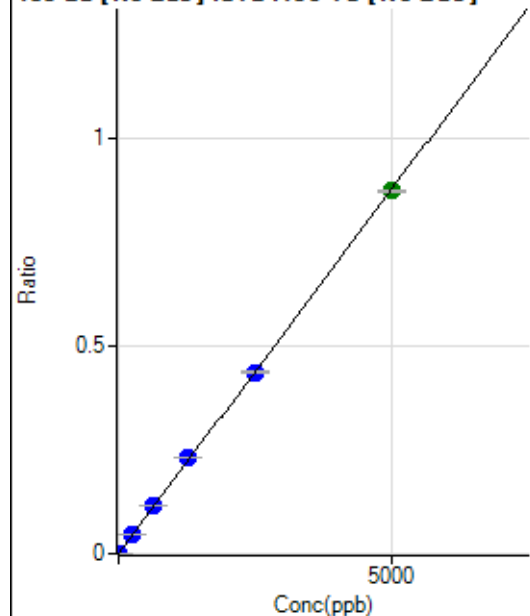
$$DL = 0.01241$$

$$BEC = 0.006629$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	94.3
2	☐	1.000					
3	☐	10.000	10.244	12208.60	0.0018	P	3.5
4	☐	250.000	261.063	310837.30	0.0458	P	0.6
5	☐	625.000	665.540	790738.85	0.1167	P	0.9
6	☐	1250.000	1324.897	1515653.42	0.2323	P	1.2
7	☐	2500.000	2489.613	2884527.19	0.4366	P	0.8
8	☐	5000.000	4980.848	5819240.28	0.8734	A	0.8
9	☐			1380.69	0.0002	P	6.0

$$y = 1.7535E-004 * x + 3.3247E-006$$

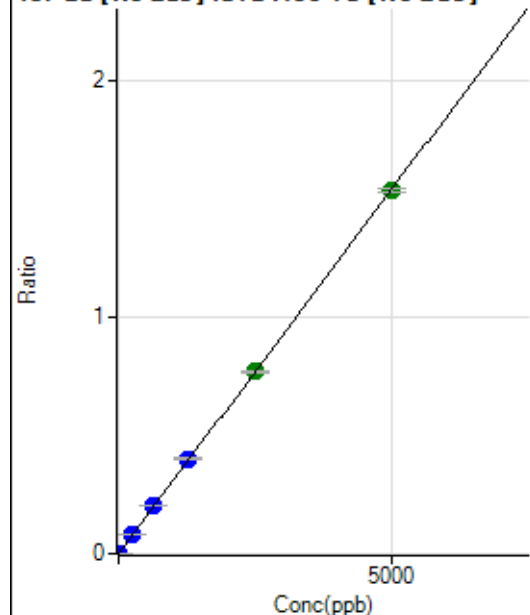
$$R = 0.9999$$

$$DL = 0.05366$$

$$BEC = 0.01896$$

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	41.67	0.0000	P	72.9
2	☐	1.000					
3	☐	10.000	10.061	21036.10	0.0031	P	2.5
4	☐	250.000	258.166	539152.19	0.0794	P	0.6
5	☐	625.000	656.216	1367525.91	0.2018	P	0.5
6	☐	1250.000	1304.419	2617333.07	0.4012	P	1.1
7	☐	2500.000	2499.996	5080526.37	0.7689	A	0.6
8	☐	5000.000	4982.087	10209150.14	1.5323	A	1.0
9	☐			2236.39	0.0003	P	4.0

$$y = 3.0757E-004 * x + 6.2859E-006$$

$$R = 0.9999$$

$$DL = 0.04469$$

$$BEC = 0.02044$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			4.44		P	173.
4	☐			26.67		P	66.2
5	☐			88.89		P	4.3
6	☐			142.23		P	38.2
7	☐			262.23		P	2.9
8	☐			593.37		P	3.9
9	☐			100.00		P	33.3

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			3.33		P	100.
5	☐			7.78		P	99.0
6	☐			13.33		P	66.2
7	☐			37.78		P	13.5
8	☐			75.56		P	21.8
9	☐			56.67		P	11.8

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐						
3	☐			11.11		P	43.3
4	☐			19.45		P	24.7
5	☐			22.22		P	108.
6	☐			25.00		P	66.7
7	☐			38.89		P	44.6
8	☐			102.78		P	46.8
9	☐			58.34		P	51.5

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐						
3	☐			1.11		P	173.
4	☐			7.78		P	65.5
5	☐			27.78		P	18.3
6	☐			38.89		P	21.6
7	☐			65.56		P	24.0
8	☐			130.00		P	10.3
9	☐			27.78		P	38.6

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.22		P	44.4
2	☐						
3	☐			38.89		P	65.5
4	☐			36.11		P	13.3
5	☐			36.11		P	35.3
6	☐			36.11		P	35.3
7	☐			52.78		P	63.8
8	☐			55.56		P	37.8
9	☐			80.56		P	15.8

160 Gd [He] No available calibration points

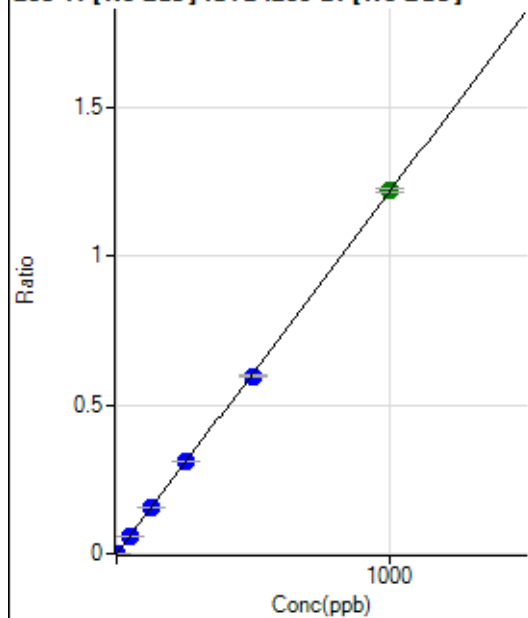
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			97.78		P	20.0
2	☐						
3	☐			131.11		P	7.3
4	☐			103.34		P	28.7
5	☐			100.00		P	26.0
6	☐			122.23		P	12.3
7	☐			113.34		P	10.6
8	☐			121.12		P	5.7
9	☐			120.00		P	7.4

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	173.
2	☐						
3	☐			11.11		P	86.6
4	☐			16.67		P	50.0
5	☐			22.22		P	78.1
6	☐			30.56		P	56.8
7	☐			22.22		P	57.3
8	☐			38.89		P	44.6
9	☐			33.33		P	25.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.55		P	44.6
2	☐						
3	☐			17.78		P	28.6
4	☐			17.78		P	28.6
5	☐			14.44		P	53.3
6	☐			15.56		P	32.7
7	☐			17.78		P	21.7
8	☐			15.56		P	32.7
9	☐			21.11		P	36.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	91.67	0.0000	P	16.5
2	☐	0.100					
3	☐	1.000	0.882	4920.57	0.0011	P	2.8
4	☐	50.000	48.928	266193.43	0.0594	P	0.3
5	☐	125.000	126.090	680925.25	0.1532	P	1.1
6	☐	250.000	253.929	1332033.57	0.3084	P	0.8
7	☐	500.000	491.249	2565937.41	0.5967	P	0.3
8	☐	1000.000	1003.311	5145162.83	1.2186	A	1.0
9	☐			1775.20	0.0005	P	4.9

$$y = 0.0012 * x + 2.0114E-005$$

$$R = 0.9999$$

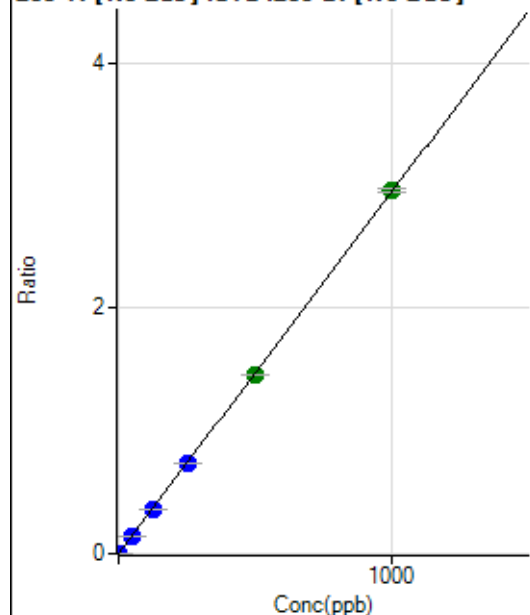
$$DL = 0.008211$$

$$BEC = 0.01656$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	205.57	0.0000	P	29.1
2	☐	0.100					
3	☐	1.000	0.884	11928.02	0.0026	P	1.3
4	☐	50.000	48.371	637846.58	0.1424	P	0.1
5	☐	125.000	124.320	1627259.00	0.3660	P	0.7
6	☐	250.000	249.231	3168811.14	0.7338	P	0.3
7	☐	500.000	493.450	6247118.02	1.4527	A	0.5
8	☐	1000.000	1003.634	12474736.39	2.9547	A	0.9
9	☐			4362.02	0.0012	P	7.2

$$y = 0.0029 * x + 4.5048E-005$$

$$R = 1.0000$$

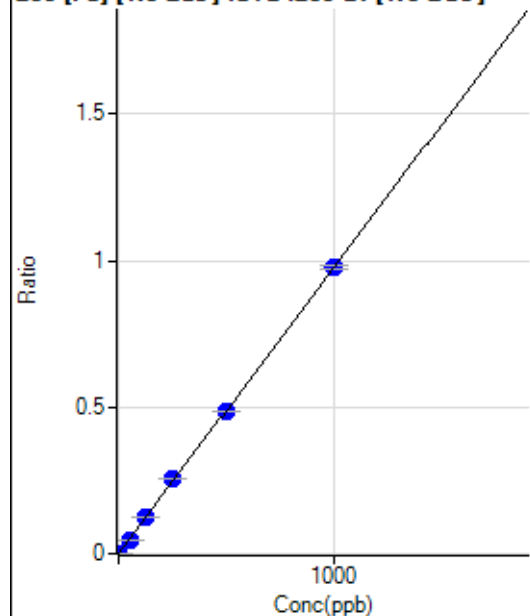
$$DL = 0.01335$$

$$BEC = 0.0153$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	164.82	0.0000	P	37.6
2	☐	0.100					
3	☐	1.000	0.974	4452.74	0.0010	P	1.8
4	☐	50.000	49.887	218374.48	0.0488	P	0.9
5	☐	125.000	128.583	558578.76	0.1256	P	0.3
6	☐	250.000	258.872	1092239.93	0.2529	P	0.2
7	☐	500.000	495.834	2083025.08	0.4844	P	0.5
8	☐	1000.000	999.423	4122012.62	0.9763	P	1.2
9	☐			4750.99	0.0013	P	5.7

$$y = 9.7687E-004 * x + 3.6097E-005$$

$$R = 0.9999$$

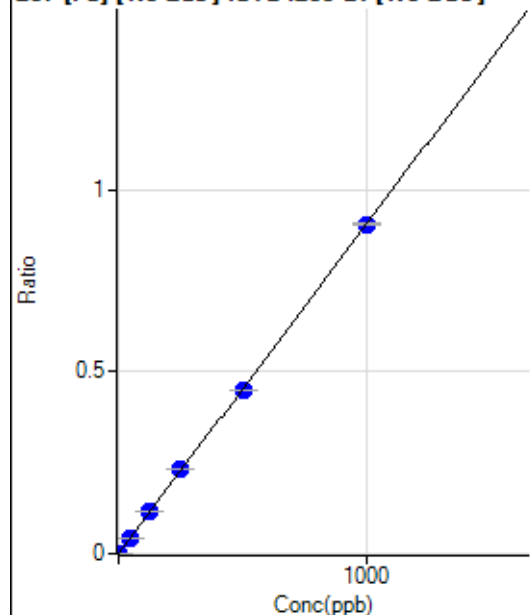
$$DL = 0.04166$$

$$BEC = 0.03695$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	177.78	0.0000	P	23.8
2	☐	0.100					
3	☐	1.000	0.866	3715.45	0.0008	P	1.8
4	☐	50.000	49.324	200498.71	0.0448	P	0.8
5	☐	125.000	127.199	513074.06	0.1154	P	1.2
6	☐	250.000	257.494	1008768.31	0.2336	P	0.8
7	☐	500.000	496.279	1935833.49	0.4502	P	0.6
8	☐	1000.000	999.746	3828626.97	0.9068	P	0.9
9	☐			4052.57	0.0011	P	4.8

$$y = 9.0702\text{E-}004 * x + 3.8995\text{E-}005$$

$$R = 1.0000$$

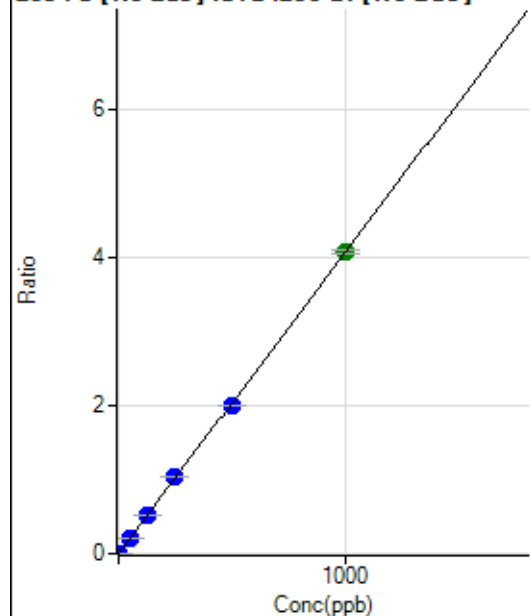
$$DL = 0.03066$$

$$BEC = 0.04299$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	742.62	0.0002	P	8.5
2	☐	0.100					
3	☐	1.000	0.911	17393.87	0.0039	P	1.1
4	☐	50.000	49.207	895224.60	0.1999	P	0.6
5	☐	125.000	126.709	2287592.95	0.5146	P	0.4
6	☐	250.000	256.011	4489038.94	1.0395	P	0.8
7	☐	500.000	492.935	8605989.00	2.0013	P	0.7
8	☐	1000.000	1001.856	17172163.98	4.0674	A	1.1
9	☐			18520.32	0.0050	P	0.7

$$y = 0.0041 * x + 1.6278\text{E-}004$$

$$R = 0.9999$$

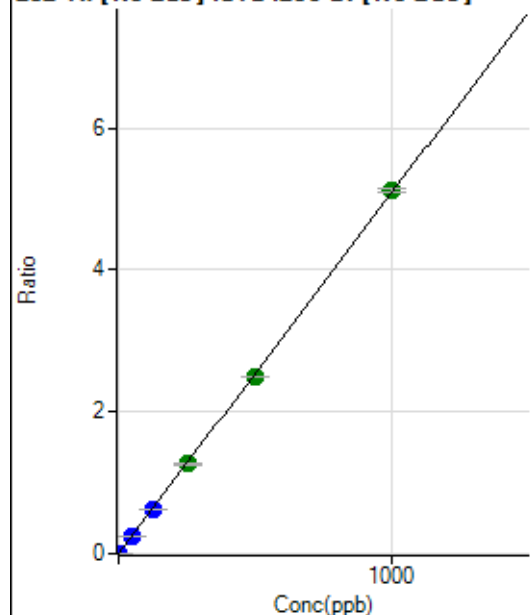
$$DL = 0.0102$$

$$BEC = 0.0401$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	18.8
2	☐	0.100					
3	☐	1.000	0.820	18860.28	0.0042	P	0.8
4	☐	50.000	46.308	1053266.29	0.2352	P	1.0
5	☐	125.000	121.409	2741536.63	0.6167	P	0.4
6	☐	250.000	248.679	5454804.00	1.2631	A	0.6
7	☐	500.000	489.112	10683133.11	2.4843	A	0.4
8	☐	1000.000	1006.408	21581900.95	5.1118	A	1.0
9	☐			5349.41	0.0014	P	11.3

$$y = 0.0051 * x + 1.7051E-005$$

$$R = 0.9999$$

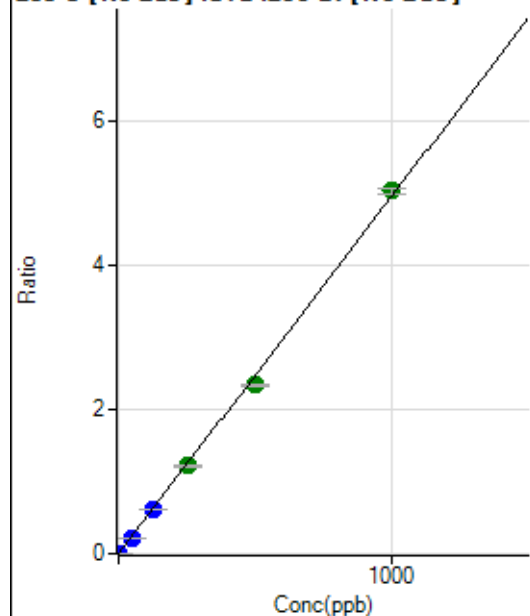
$$DL = 0.001895$$

$$BEC = 0.003357$$

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	97.22	0.0000	P	21.4
2	☐	0.100					
3	☐	1.000	0.846	18992.34	0.0042	P	1.0
4	☐	50.000	44.572	989530.33	0.2210	P	0.9
5	☐	125.000	122.057	2690190.99	0.6051	P	0.7
6	☐	250.000	245.422	5254560.41	1.2167	A	0.7
7	☐	500.000	471.513	10052250.57	2.3376	A	0.4
8	☐	1000.000	1016.028	21265870.96	5.0371	A	1.3
9	☐			3397.83	0.0009	P	4.9

$$y = 0.0050 * x + 2.1312E-005$$

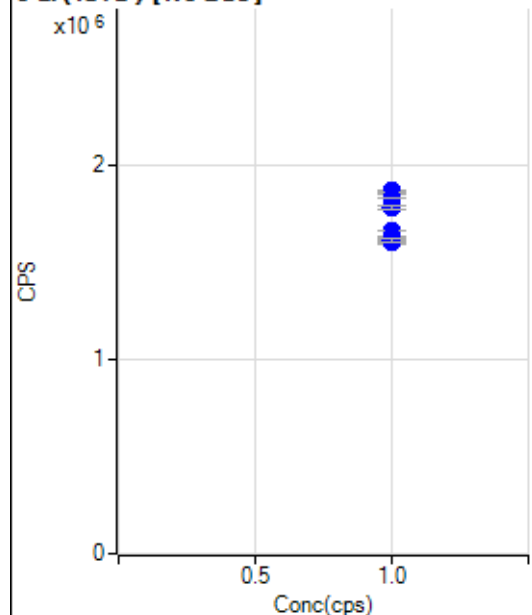
$$R = 0.9994$$

$$DL = 0.002759$$

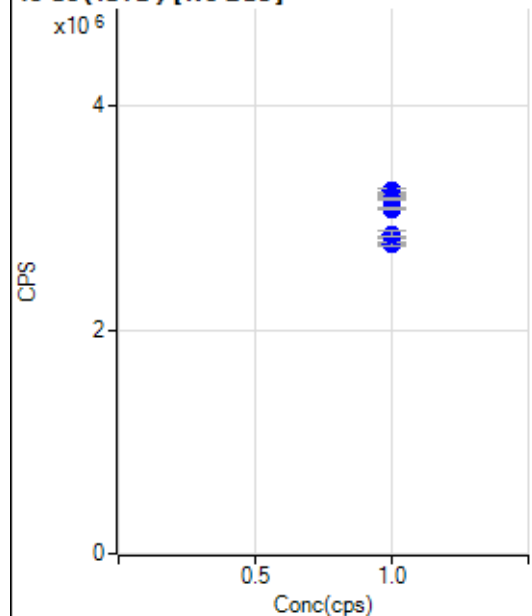
$$BEC = 0.004299$$

Weight: <None>

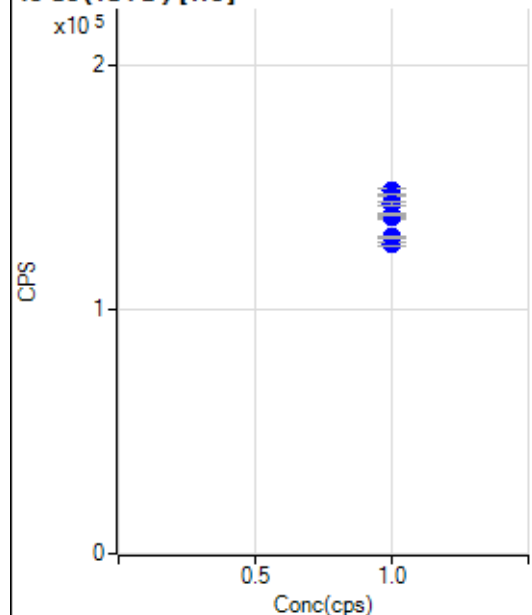
Min Conc: 0

6 Li (ISTD) [No Gas]

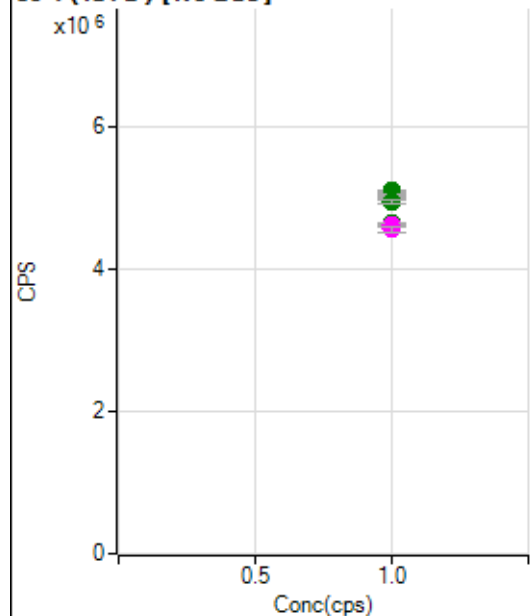
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1863542.99		P	0.5
2	☐	1.000					
3	☐	1.000		1853766.85		P	0.4
4	☐	1.000		1827886.60		P	0.4
5	☐	1.000		1779115.50		P	0.8
6	☐	1.000		1659603.98		P	0.2
7	☐	1.000		1629581.70		P	0.4
8	☐	1.000		1601876.36		P	0.9
9	☐	1.000		1611094.72		P	1.5

45 Sc (ISTD) [No Gas]

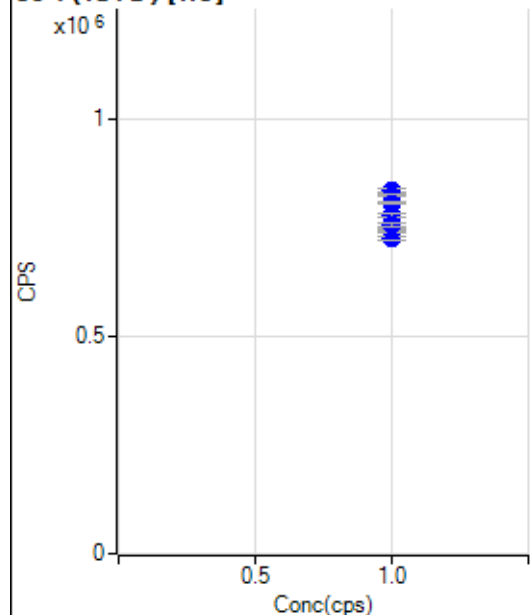
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3244723.75		P	0.9
2	☐	1.000					
3	☐	1.000		3205566.26		P	0.6
4	☐	1.000		3170565.26		P	0.7
5	☐	1.000		3085466.71		P	0.8
6	☐	1.000		2827183.29		P	0.3
7	☐	1.000		2779286.85		P	0.8
8	☐	1.000		2772170.48		P	1.1
9	☐	1.000		2859652.19		P	1.5

45 Sc (ISTD) [He]

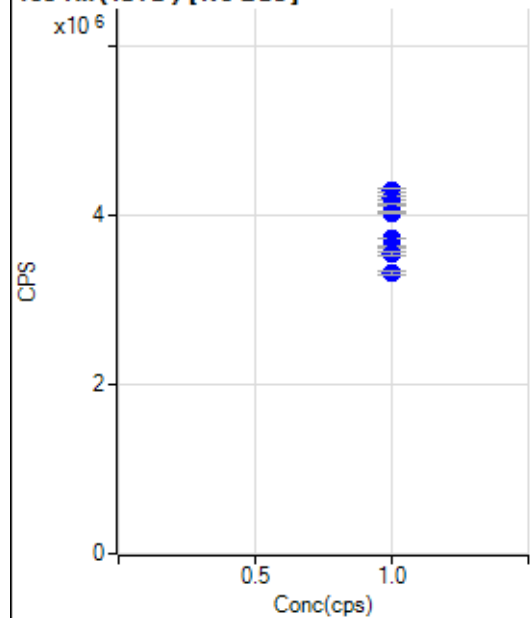
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		148476.80		P	1.7
2	☐	1.000					
3	☐	1.000		146607.68		P	0.5
4	☐	1.000		143034.56		P	1.0
5	☐	1.000		137425.94		P	0.6
6	☐	1.000		129171.30		P	0.4
7	☐	1.000		126527.24		P	1.3
8	☐	1.000		129541.17		P	0.6
9	☐	1.000		138828.33		P	0.9

89 Y (ISTD) [No Gas]

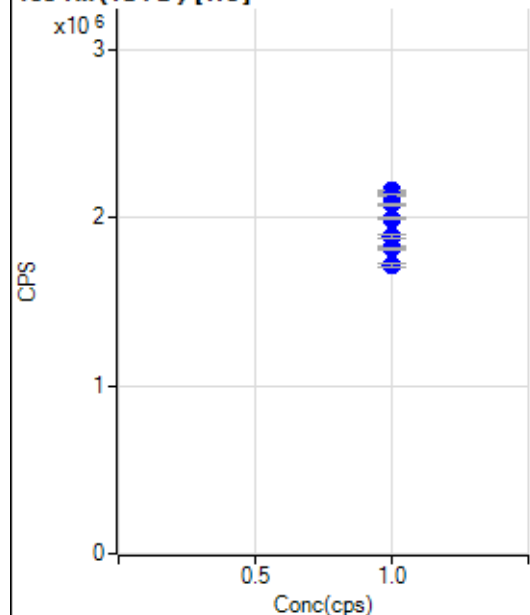
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5030195.79		A	0.7
2	☐	1.000					
3	☐	1.000		5104423.29		A	0.6
4	☐	1.000		5047395.66		A	0.5
5	☐	1.000		4954165.34		A	1.1
6	☐	1.000		4640115.56		A	0.3
7	☐	1.000		4604484.65		M	0.5
8	☐	1.000		4619973.58		M	1.4
9	☐	1.000		4566586.53		M	1.6

89 Y(ISTD) [He]

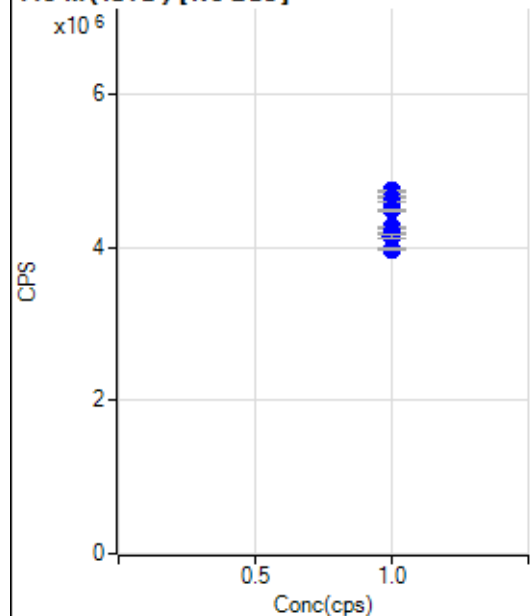
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		835284.71		P	1.1
2	☐	1.000					
3	☐	1.000		825036.46		P	0.5
4	☐	1.000		807261.96		P	0.4
5	☐	1.000		779292.68		P	0.7
6	☐	1.000		745397.82		P	1.3
7	☐	1.000		726650.83		P	1.2
8	☐	1.000		741676.74		P	1.1
9	☐	1.000		758533.58		P	1.2

103 Rh(ISTD) [No Gas]

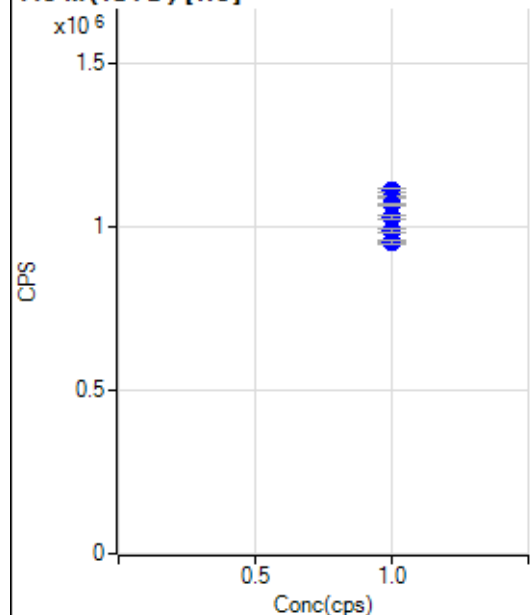
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4280364.94		P	1.1
2	☐	1.000					
3	☐	1.000		4199779.69		P	0.7
4	☐	1.000		4120122.92		P	0.3
5	☐	1.000		4021701.18		P	0.4
6	☐	1.000		3715107.42		P	0.1
7	☐	1.000		3620582.42		P	0.5
8	☐	1.000		3531553.07		P	1.1
9	☐	1.000		3316709.06		P	1.0

103 Rh (ISTD) [He]

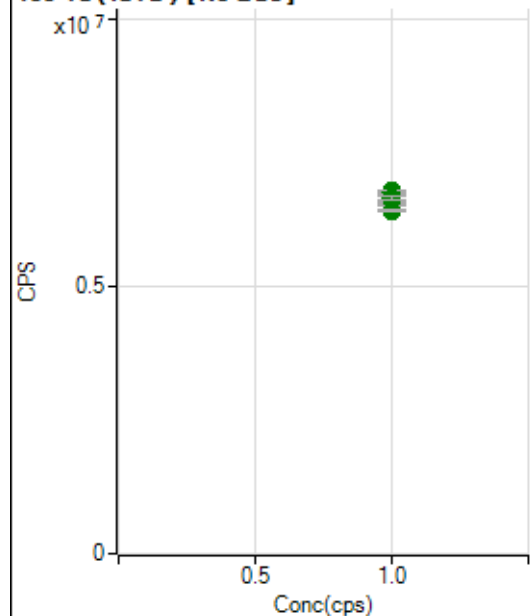
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2161696.51		P	0.8
2	☐	1.000					
3	☐	1.000		2134009.65		P	0.4
4	☐	1.000		2079814.45		P	0.3
5	☐	1.000		1994712.70		P	0.5
6	☐	1.000		1894602.49		P	1.4
7	☐	1.000		1822055.62		P	1.0
8	☐	1.000		1820940.70		P	0.6
9	☐	1.000		1718142.61		P	1.4

115 In (ISTD) [No Gas]

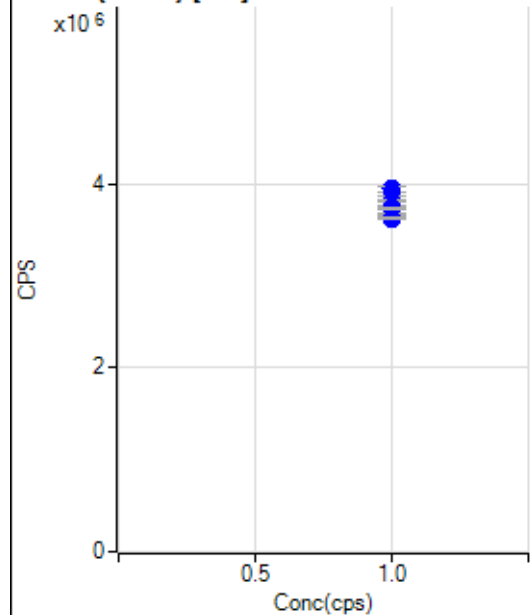
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4733720.69		P	0.5
2	☐	1.000					
3	☐	1.000		4653742.00		P	0.8
4	☐	1.000		4592190.93		P	0.2
5	☐	1.000		4485671.30		P	0.5
6	☐	1.000		4257026.20		P	0.4
7	☐	1.000		4188165.37		P	0.7
8	☐	1.000		4128135.46		P	1.3
9	☐	1.000		3975861.36		P	1.1

115 In (ISTD) [He]

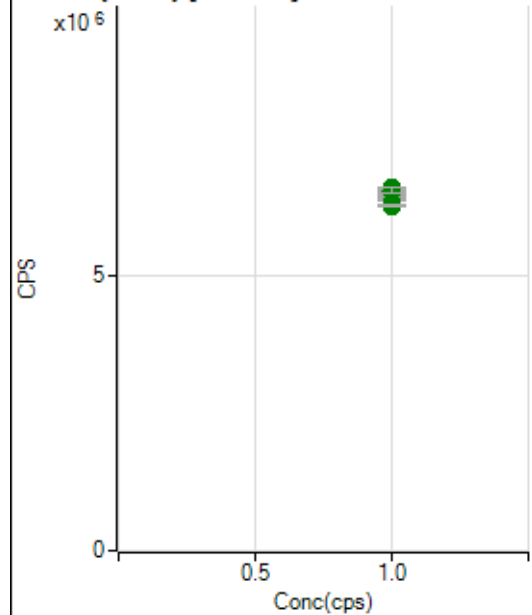
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1109579.75		P	1.2
2	☐	1.000					
3	☐	1.000		1090678.54		P	0.6
4	☐	1.000		1067862.92		P	0.6
5	☐	1.000		1030670.85		P	0.9
6	☐	1.000		987230.09		P	1.1
7	☐	1.000		954329.44		P	0.9
8	☐	1.000		950077.10		P	0.9
9	☐	1.000		951862.30		P	0.8

159 Tb (ISTD) [No Gas]

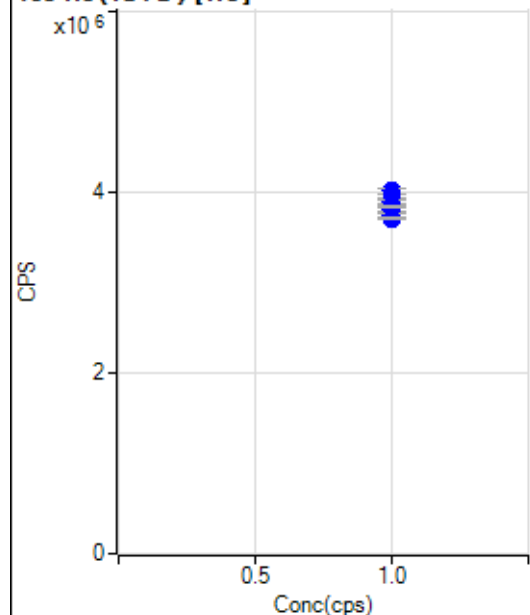
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6652870.73		A	0.8
2	☐	1.000					
3	☐	1.000		6784420.46		A	0.5
4	☐	1.000		6789545.94		A	0.4
5	☐	1.000		6775588.23		A	1.0
6	☐	1.000		6523891.08		A	0.4
7	☐	1.000		6607565.66		A	0.9
8	☐	1.000		6662917.26		A	1.1
9	☐	1.000		6419946.92		A	0.6

159 Tb (ISTD) [He]

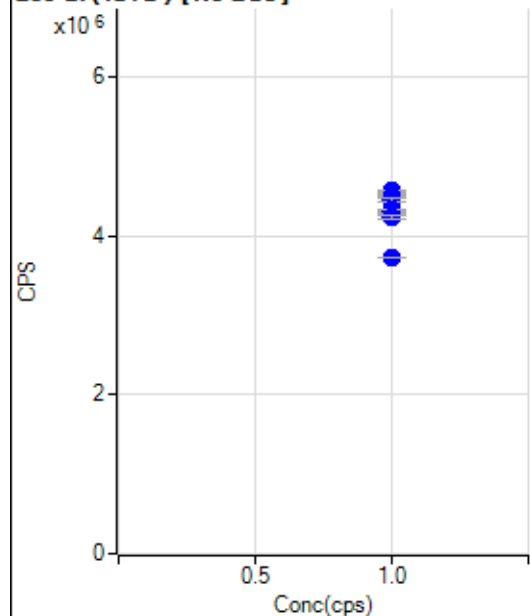
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3944438.41		P	1.3
2	☐	1.000					
3	☐	1.000		3910161.88		P	0.1
4	☐	1.000		3875081.13		P	0.0
5	☐	1.000		3812139.11		P	0.9
6	☐	1.000		3740210.64		P	1.4
7	☐	1.000		3665272.69		P	0.9
8	☐	1.000		3733191.82		P	0.4
9	☐	1.000		3617871.89		P	0.6

165 Ho (ISTD) [No Gas]

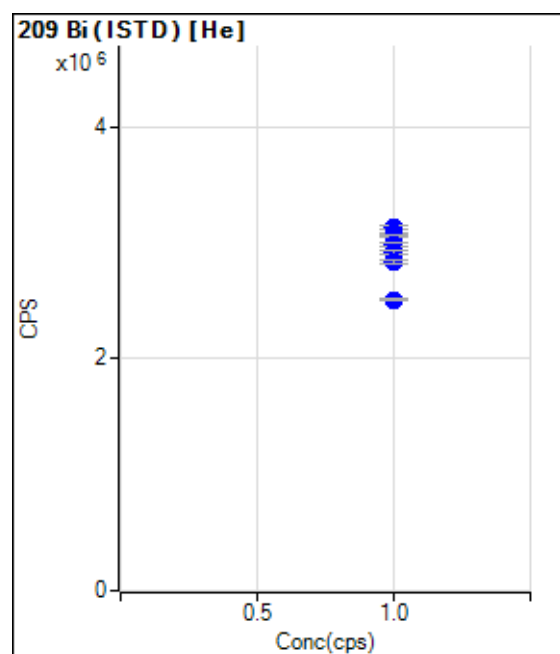
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6391842.63		A	0.6
2	☐	1.000					
3	☐	1.000		6587043.07		A	0.4
4	☐	1.000		6599123.84		A	0.1
5	☐	1.000		6561446.02		A	1.0
6	☐	1.000		6420072.32		A	0.2
7	☐	1.000		6454647.11		A	0.5
8	☐	1.000		6554513.34		A	1.5
9	☐	1.000		6276007.17		A	0.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4007977.89		P	1.5
2	☐	1.000					
3	☐	1.000		3973664.35		P	0.4
4	☐	1.000		3930171.78		P	0.2
5	☐	1.000		3884712.23		P	1.1
6	☐	1.000		3804711.71		P	1.0
7	☐	1.000		3743338.07		P	1.3
8	☐	1.000		3836374.18		P	0.8
9	☐	1.000		3706920.50		P	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4561381.87		P	0.8
2	☐	1.000					
3	☐	1.000		4507080.94		P	0.8
4	☐	1.000		4477756.01		P	0.4
5	☐	1.000		4445774.97		P	0.8
6	☐	1.000		4318547.50		P	0.2
7	☐	1.000		4300328.93		P	0.8
8	☐	1.000		4222267.96		P	1.1
9	☐	1.000		3726156.02		P	0.2



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3125333.49		P	1.2
2	☐	1.000					
3	☐	1.000		3084862.28		P	0.3
4	☐	1.000		3051851.52		P	0.5
5	☐	1.000		2981331.66		P	1.2
6	☐	1.000		2911548.84		P	1.3
7	☐	1.000		2828754.44		P	1.1
8	☐	1.000		2828413.02		P	1.1
9	☐	1.000		2504282.91		P	0.7

US EPA Tune Check Sample Report

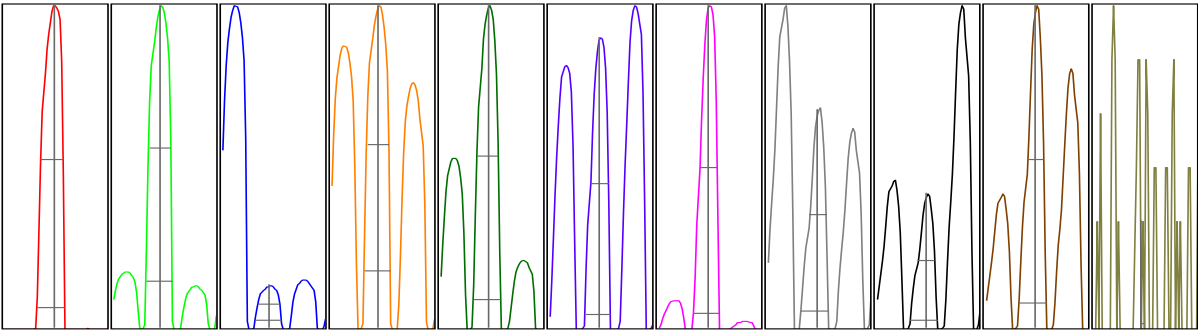
Batch Folder D:\ICP-MS Data\P7061019MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	7424	1.66	5.00	
24	176772	1.33	5.00	
25	24127	1.31	5.00	
26	27363	1.32	5.00	
59	47574	1.46	5.00	
113	6581	1.18	5.00	
115	78785	1.35	5.00	
206	21528	0.72	5.00	
207	19736	0.49	5.00	
208	46863	0.77	5.00	
220	0	50.00		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	7617	7402	7447	7282	7374
24	180394	176051	177601	174307	175504
25	24622	24049	24148	23749	24068
26	27933	27287	27440	26983	27172
59	48649	47366	47819	46857	47176
113	6685	6539	6644	6511	6528
115	80408	78025	79223	77779	78490
206	21725	21386	21652	21384	21494
207	19835	19648	19811	19619	19766
208	47343	46622	47061	46422	46869
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	11949	9.00	8.9 - 9.1		0.810	0.900	
24	285733	23.90	23.9 - 24.1		0.760	0.900	
25	38221	24.90	24.9 - 25.1		0.759	0.900	
26	43679	25.90	25.9 - 26.1		0.755	0.900	
59	80747	58.95	58.9 - 59.1		0.799	0.900	
113	12419	113.00	112.9 - 113.1		0.734	0.900	
115	153020	115.00	114.9 - 115.1		0.746	0.900	
206	42189	206.00	205.9 - 206.1		0.789	0.900	
207	38697	207.00	206.9 - 207.1		0.776	0.900	
208	92419	208.00	207.9 - 208.1		0.789	0.900	
220	0	219.90	-		0.095		

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
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.8	V	Deflect	14.4	V
Extract 2	-90.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-50	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	160	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	11859	0.37	
89	24838	0.29	
205	21325	0.27	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	11937	11836	11842	11843	11837
89	24900	24929	24788	24801	24774
205	21280	21404	21273	21304	21364

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.3	V	Deflect	1.8	V
Extract 2	-95.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-50	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	4.1	mL/min	OctP RF	200	V			

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:28:20	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.24	-0.11	0.36	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	135-1	0.00	-0.02	0.02	0.00	N/A	ppb
Barium	137-1	-0.01	0.02	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.08	0.11	-0.03	0.00	N/A	ppb
Boron	11-1	-0.03	0.03	-0.01	0.00	N/A	ppb
Cadmium	111-1	0.00	0.01	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.08	-0.01	-0.07	0.00	N/A	ppb
Cadmium	108-1	0.00	-0.05	0.05	0.00	N/A	ppb
Calcium	43-1	-0.94	0.82	0.12	0.00	N/A	ppb
Calcium	44-1	0.89	0.53	-1.43	0.00	N/A	ppb
Chromium	52-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.02	-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	-0.03	-0.04	0.07	0.00	N/A	ppb
Iron	57-2	-0.47	0.65	-0.18	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.02	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.48	0.59	-0.11	0.00	N/A	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:28:20	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.02	-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	-0.01	0.00	0.00	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	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.00	-0.04	0.00	N/A	ppb
Phosphorus	31-2	-31.34	-38.35	-26.18	-31.96		ppb
Potassium	39-2	2.40	-2.75	0.35	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	0.59	-0.41	-0.18	0.00	N/A	ppb
Selenium	82-1	-0.07	-0.09	0.16	0.00	N/A	ppb
Silicon	28-1	-0.01	0.68	-0.67	0.00	N/A	ppb
Silver	109-1	-0.01	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.02	-0.37	0.39	0.00	N/A	ppb
Strontium	86-1	-0.02	0.01	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	243.85	153.17	-14.47	127.52	102.77	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.02	0.02	0.00	0.00	N/A	ppb
Titanium	47-1	-0.04	-0.03	0.07	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:28:20	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.02	-0.07	0.06	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.03	0.01	0.02	0.00	N/A	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:36:12	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.23	23.23	18.92	20.46	11.75	ppb
Antimony	121-1	1.89	2.07	2.04	2.00	4.81	ppb
Arsenic	75-1	0.74	0.96	0.82	0.84	13.16	ppb
Barium	135-1	10.27	9.87	10.59	10.24	3.55	ppb
Barium	137-1	10.26	9.78	10.14	10.06	2.48	ppb
Beryllium	9-1	0.92	0.87	0.94	0.91	3.74	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	23.17	24.33	22.13	23.21	4.74	ppb
Boron	11-1	23.55	23.94	24.05	23.85	1.09	ppb
Cadmium	111-1	0.94	0.83	1.22	1.00	20.31	ppb
Cadmium	106-1	-0.03	-0.32	2.31	0.65	220.12	ppb
Cadmium	108-1	0.95	1.04	0.91	0.97	6.99	ppb
Calcium	43-1	476.08	474.50	492.88	481.15	2.12	ppb
Calcium	44-1	485.67	490.55	503.71	493.31	1.89	ppb
Chromium	52-2	2.04	2.01	1.92	1.99	3.20	ppb
Cobalt	59-2	0.91	0.95	0.93	0.93	2.32	ppb
Copper	63-2	1.95	1.84	1.82	1.87	3.76	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				103		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	55.84	56.35	56.07	56.08	0.46	ppb
Iron	57-2	51.91	55.74	58.58	55.41	6.04	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.97	1.00	0.97	1.91	ppb
Lead	207-1	0.85	0.87	0.88	0.87	1.85	ppb
Lead	208-1	0.90	0.91	0.92	0.91	1.20	ppb
Lithium	6-1				99		%
Magnesium	24-2	521.78	523.67	513.77	519.74	1.01	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:36:12	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.05	0.92	1.03	1.00	6.64	ppb
Molybdenum	94-1	4.92	4.50	4.84	4.75	4.62	ppb
Molybdenum	95-1	4.76	5.15	4.88	4.93	4.11	ppb
Molybdenum	96-1	4.66	4.97	4.64	4.76	3.90	ppb
Molybdenum	97-1	4.98	4.82	5.48	5.10	6.80	ppb
Molybdenum	98-1	4.80	4.94	4.91	4.88	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.03	0.87	0.97	9.14	ppb
Phosphorus	31-2	54.33	25.96	15.59	31.96	62.75	ppb
Potassium	39-2	485.74	476.26	471.21	477.74	1.54	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	9.14	4.58	9.83	7.85	36.31	ppb
Selenium	78-2	6.91	5.70	4.52	5.71	20.99	ppb
Selenium	82-1	4.73	5.26	5.84	5.27	10.45	ppb
Silicon	28-1	8.36	8.98	8.61	8.65	3.62	ppb
Silver	109-1	1.04	0.98	0.99	1.00	3.30	ppb
Silver	107-1	0.98	1.04	0.98	1.00	3.41	ppb
Sodium	23-2	486.62	479.69	482.08	482.80	0.73	ppb
Strontium	86-1	1.08	0.89	0.87	0.95	12.26	ppb
Strontium	88-1	0.96	0.93	0.96	0.95	1.73	ppb
Sulfur	34-1	-179.74	-127.09	-75.72	-127.52		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.91	0.85	0.89	0.88	2.90	ppb
Thallium	205-1	0.88	0.90	0.88	0.88	1.30	ppb
Thorium	232-1	0.82	0.82	0.81	0.82	0.75	ppb
Tin	118-1	5.35	5.39	5.20	5.32	1.94	ppb
Titanium	47-1	4.78	4.95	4.86	4.86	1.79	ppb
Uranium	238-1	0.85	0.84	0.85	0.85	1.04	ppb
Vanadium	51-2	5.00	5.06	5.21	5.09	2.11	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:36:12	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.97	1.99	1.56	1.84	13.04	ppb
Zirconium	90-1	0.88	0.86	0.88	0.87	1.12	ppb
Zirconium	91-1	0.87	0.91	0.91	0.90	2.40	ppb

LB Number : LB103322 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-10 11:40:09 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1016.29	1019.28	1032.22	1022.60	0.83	ppb
Antimony	121-1	52.53	52.44	52.19	52.39	0.34	ppb
Arsenic	75-1	51.01	51.55	51.93	51.50	0.90	ppb
Barium	135-1	262.78	260.87	259.54	261.06	0.62	ppb
Barium	137-1	259.71	258.14	256.64	258.17	0.59	ppb
Beryllium	9-1	51.33	51.71	51.41	51.49	0.39	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	49.80	50.58	48.28	49.55	2.36	ppb
Boron	11-1	51.13	49.71	51.18	50.67	1.65	ppb
Cadmium	111-1	53.48	51.42	52.14	52.35	1.99	ppb
Cadmium	106-1	56.13	47.48	52.14	51.92	8.33	ppb
Cadmium	108-1	52.08	55.38	51.76	53.07	3.78	ppb
Calcium	43-1	5215.63	5206.72	5312.73	5245.03	1.12	ppb
Calcium	44-1	5195.57	5209.24	5200.95	5201.92	0.13	ppb
Chromium	52-2	50.94	50.81	52.09	51.28	1.38	ppb
Cobalt	59-2	52.44	53.24	53.50	53.06	1.04	ppb
Copper	63-2	98.20	97.72	100.18	98.70	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	2751.88	2779.35	2794.94	2775.39	0.79	ppb
Iron	57-2	2805.62	2781.08	2866.15	2817.62	1.55	ppb
Krypton	83-1						cps
Lead	206-1	50.39	49.73	49.54	49.89	0.89	ppb
Lead	207-1	49.71	49.33	48.94	49.32	0.79	ppb
Lead	208-1	49.55	49.15	48.92	49.21	0.64	ppb
Lithium	6-1				98		%
Magnesium	24-2	5214.26	5330.14	5303.40	5282.60	1.15	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:40:09	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	101.59	101.53	101.40	101.51	0.10	ppb
Molybdenum	94-1	251.81	251.30	248.22	250.44	0.78	ppb
Molybdenum	95-1	250.28	250.11	250.49	250.29	0.08	ppb
Molybdenum	96-1	250.12	249.05	247.73	248.97	0.48	ppb
Molybdenum	97-1	250.86	249.61	252.24	250.90	0.52	ppb
Molybdenum	98-1	248.57	250.38	251.53	250.16	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.39	52.98	52.83	53.07	0.54	ppb
Phosphorus	31-2	909.87	888.94	998.70	932.51	6.25	ppb
Potassium	39-2	2576.67	2580.40	2589.36	2582.14	0.25	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	77-2	50.48	43.33	60.11	51.31	16.41	ppb
Selenium	78-2	59.52	49.47	53.99	54.32	9.26	ppb
Selenium	82-1	53.64	52.39	51.08	52.37	2.44	ppb
Silicon	28-1	47.89	49.25	50.22	49.12	2.38	ppb
Silver	109-1	54.45	53.49	53.66	53.86	0.96	ppb
Silver	107-1	54.45	54.38	53.28	54.04	1.21	ppb
Sodium	23-2	5136.93	5173.52	5215.11	5175.18	0.76	ppb
Strontium	86-1	50.43	50.71	50.80	50.64	0.38	ppb
Strontium	88-1	50.09	50.45	50.37	50.30	0.37	ppb
Sulfur	34-1	677.04	823.34	725.51	741.96	10.04	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	48.81	49.12	48.85	48.93	0.34	ppb
Thallium	205-1	48.44	48.33	48.34	48.37	0.12	ppb
Thorium	232-1	46.82	46.19	45.91	46.31	1.01	ppb
Tin	118-1	53.85	53.57	53.72	53.71	0.26	ppb
Titanium	47-1	247.28	251.74	251.71	250.24	1.03	ppb
Uranium	238-1	44.99	44.53	44.20	44.57	0.89	ppb
Vanadium	51-2	50.33	50.58	50.66	50.52	0.34	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:40:09	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	95.89	97.64	99.65	97.73	1.92	ppb
Zirconium	90-1	49.72	49.22	49.24	49.39	0.58	ppb
Zirconium	91-1	49.91	49.80	49.83	49.85	0.12	ppb

LB Number : LB103322 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-10 11:44:05 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2546.77	2596.87	2546.36	2563.33	1.13	ppb
Antimony	121-1	134.47	134.97	134.70	134.71	0.19	ppb
Arsenic	75-1	132.45	131.83	133.90	132.72	0.80	ppb
Barium	135-1	661.26	663.37	672.00	665.54	0.85	ppb
Barium	137-1	654.39	654.52	659.74	656.22	0.46	ppb
Beryllium	9-1	132.23	133.13	133.18	132.84	0.40	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	127.89	130.28	126.36	128.17	1.54	ppb
Boron	11-1	126.33	129.18	129.59	128.37	1.38	ppb
Cadmium	111-1	130.96	131.33	131.55	131.28	0.23	ppb
Cadmium	106-1	131.64	131.00	127.17	129.94	1.86	ppb
Cadmium	108-1	137.20	133.41	133.71	134.78	1.56	ppb
Calcium	43-1	13435.31	13333.32	13401.88	13390.17	0.39	ppb
Calcium	44-1	13337.66	13374.21	13295.33	13335.73	0.30	ppb
Chromium	52-2	132.60	132.52	130.54	131.89	0.89	ppb
Cobalt	59-2	134.16	135.97	134.05	134.73	0.80	ppb
Copper	63-2	254.51	256.94	253.92	255.12	0.63	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				97		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	6955.17	7043.95	6918.88	6972.67	0.92	ppb
Iron	57-2	7091.33	7167.83	7051.86	7103.67	0.83	ppb
Krypton	83-1						cps
Lead	206-1	128.36	128.32	129.07	128.58	0.33	ppb
Lead	207-1	125.56	127.38	128.66	127.20	1.22	ppb
Lead	208-1	126.15	126.78	127.20	126.71	0.42	ppb
Lithium	6-1				95		%
Magnesium	24-2	13575.30	13631.48	13453.95	13553.58	0.67	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:44:05	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	263.19	266.83	263.03	264.35	0.81	ppb
Molybdenum	94-1	643.95	642.12	644.39	643.49	0.19	ppb
Molybdenum	95-1	637.53	638.09	640.48	638.70	0.25	ppb
Molybdenum	96-1	640.64	637.53	640.94	639.70	0.30	ppb
Molybdenum	97-1	652.19	646.18	651.94	650.10	0.52	ppb
Molybdenum	98-1	642.39	644.19	646.28	644.29	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	137.05	136.91	133.97	135.98	1.28	ppb
Phosphorus	31-2	2667.20	2495.28	2614.80	2592.43	3.40	ppb
Potassium	39-2	6617.16	6650.21	6590.72	6619.36	0.45	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	77-2	148.79	139.79	117.33	135.30	11.97	ppb
Selenium	78-2	135.56	130.47	138.60	134.88	3.04	ppb
Selenium	82-1	133.48	133.39	133.85	133.57	0.18	ppb
Silicon	28-1	122.71	122.44	122.79	122.65	0.15	ppb
Silver	109-1	135.46	136.24	135.62	135.77	0.30	ppb
Silver	107-1	136.30	134.60	135.57	135.49	0.63	ppb
Sodium	23-2	13176.36	13352.99	13155.58	13228.31	0.82	ppb
Strontium	86-1	128.32	131.27	132.27	130.62	1.57	ppb
Strontium	88-1	127.08	127.80	128.83	127.90	0.69	ppb
Sulfur	34-1	2260.23	2001.97	2174.56	2145.59	6.13	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	125.35	125.28	127.65	126.09	1.07	ppb
Thallium	205-1	123.83	123.82	125.31	124.32	0.69	ppb
Thorium	232-1	121.30	120.93	121.99	121.41	0.44	ppb
Tin	118-1	135.34	135.04	136.88	135.76	0.73	ppb
Titanium	47-1	638.50	638.22	642.51	639.74	0.38	ppb
Uranium	238-1	121.65	121.54	122.98	122.06	0.66	ppb
Vanadium	51-2	129.24	131.28	129.37	129.96	0.88	ppb
Yttrium	89-1				98		%
Yttrium	89-2				93		%

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:44:05	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	251.89	255.18	252.02	253.03	0.74	ppb
Zirconium	90-1	126.98	127.12	128.40	127.50	0.61	ppb
Zirconium	91-1	128.61	129.62	130.22	129.48	0.63	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:47:58	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5207.73	5179.56	5141.89	5176.40	0.64	ppb
Antimony	121-1	270.01	265.95	265.83	267.26	0.89	ppb
Arsenic	75-1	263.78	263.61	261.53	262.97	0.48	ppb
Barium	135-1	1342.49	1321.02	1311.18	1324.90	1.21	ppb
Barium	137-1	1319.72	1300.94	1292.59	1304.42	1.07	ppb
Beryllium	9-1	265.59	262.80	261.12	263.17	0.86	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	252.49	255.52	268.40	258.80	3.26	ppb
Boron	11-1	259.77	260.45	260.95	260.39	0.23	ppb
Cadmium	111-1	262.32	260.44	258.79	260.52	0.68	ppb
Cadmium	106-1	268.34	254.45	251.13	257.97	3.54	ppb
Cadmium	108-1	267.32	267.03	252.24	262.19	3.29	ppb
Calcium	43-1	27167.50	27228.51	26603.15	26999.72	1.28	ppb
Calcium	44-1	27095.13	27024.32	26730.45	26949.97	0.72	ppb
Chromium	52-2	259.61	261.03	259.56	260.07	0.32	ppb
Cobalt	59-2	262.96	265.37	265.32	264.55	0.52	ppb
Copper	63-2	491.42	498.40	493.75	494.52	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				100		%
Holmium	165-2				95		%
Indium	115-1				90		%
Indium	115-2				89		%
Iron	56-2	13789.16	13920.19	13781.43	13830.26	0.56	ppb
Iron	57-2	14012.33	14165.16	14169.88	14115.79	0.63	ppb
Krypton	83-1						cps
Lead	206-1	259.06	259.35	258.20	258.87	0.23	ppb
Lead	207-1	257.96	259.37	255.15	257.49	0.84	ppb
Lead	208-1	256.97	257.31	253.75	256.01	0.77	ppb
Lithium	6-1				89		%
Magnesium	24-2	26675.96	27009.27	26727.31	26804.18	0.67	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:47:58	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	520.18	525.91	522.00	522.70	0.56	ppb
Molybdenum	94-1	1292.13	1296.69	1287.26	1292.03	0.36	ppb
Molybdenum	95-1	1284.92	1276.23	1273.72	1278.29	0.46	ppb
Molybdenum	96-1	1281.55	1282.78	1273.59	1279.31	0.39	ppb
Molybdenum	97-1	1303.94	1296.68	1296.40	1299.01	0.33	ppb
Molybdenum	98-1	1294.27	1289.57	1279.29	1287.71	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	267.47	268.95	265.00	267.14	0.75	ppb
Phosphorus	31-2	5001.93	5108.79	5039.40	5050.04	1.07	ppb
Potassium	39-2	12976.95	13161.04	12981.46	13039.82	0.81	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				87		%
Scandium	45-2				87		%
Selenium	77-2	243.62	273.39	263.81	260.27	5.84	ppb
Selenium	78-2	264.46	255.03	252.50	257.33	2.45	ppb
Selenium	82-1	267.64	265.62	264.13	265.80	0.66	ppb
Silicon	28-1	249.35	249.33	245.82	248.17	0.82	ppb
Silver	109-1	266.61	262.86	260.97	263.48	1.09	ppb
Silver	107-1	264.98	262.23	260.23	262.48	0.91	ppb
Sodium	23-2	26351.00	26645.18	26286.99	26427.72	0.72	ppb
Strontium	86-1	261.78	261.21	258.53	260.50	0.67	ppb
Strontium	88-1	257.62	257.46	256.72	257.26	0.19	ppb
Sulfur	34-1	4628.38	4825.68	4577.82	4677.30	2.80	ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	255.61	254.57	251.61	253.93	0.82	ppb
Thallium	205-1	249.45	249.80	248.45	249.23	0.28	ppb
Thorium	232-1	250.07	248.78	247.19	248.68	0.58	ppb
Tin	118-1	274.02	269.26	267.91	270.40	1.19	ppb
Titanium	47-1	1307.65	1290.14	1292.06	1296.62	0.74	ppb
Uranium	238-1	247.33	243.92	245.02	245.42	0.71	ppb
Vanadium	51-2	257.10	260.76	256.44	258.10	0.90	ppb
Yttrium	89-1				92		%
Yttrium	89-2				89		%

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:47:58	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	493.18	497.50	489.05	493.24	0.86	ppb
Zirconium	90-1	259.92	256.87	257.23	258.01	0.65	ppb
Zirconium	91-1	262.62	260.65	260.24	261.17	0.49	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:51:49	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9947.79	10010.73	9945.37	9967.97	0.37	ppb
Antimony	121-1	513.66	502.75	500.83	505.75	1.37	ppb
Arsenic	75-1	501.49	503.43	500.19	501.71	0.32	ppb
Barium	135-1	2510.52	2485.49	2472.83	2489.61	0.77	ppb
Barium	137-1	2516.47	2495.04	2488.47	2500.00	0.59	ppb
Beryllium	9-1	504.52	502.84	503.16	503.51	0.18	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	494.77	512.36	506.90	504.68	1.78	ppb
Boron	11-1	494.71	503.75	502.12	500.19	0.96	ppb
Cadmium	111-1	490.93	486.84	484.72	487.49	0.65	ppb
Cadmium	106-1	489.53	479.98	482.84	484.12	1.01	ppb
Cadmium	108-1	492.12	486.86	488.78	489.25	0.54	ppb
Calcium	43-1	52213.52	52498.19	51797.40	52169.70	0.68	ppb
Calcium	44-1	52384.10	51839.08	51633.03	51952.07	0.75	ppb
Chromium	52-2	505.36	508.27	504.05	505.89	0.43	ppb
Cobalt	59-2	507.01	511.97	508.39	509.12	0.50	ppb
Copper	63-2	931.33	944.01	937.72	937.69	0.68	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				93		%
Indium	115-1				88		%
Indium	115-2				86		%
Iron	56-2	26820.31	27012.52	26900.34	26911.06	0.36	ppb
Iron	57-2	27034.42	27358.53	27378.72	27257.22	0.71	ppb
Krypton	83-1						cps
Lead	206-1	498.00	493.36	496.14	495.83	0.47	ppb
Lead	207-1	499.64	494.04	495.16	496.28	0.60	ppb
Lead	208-1	496.77	490.02	492.02	492.93	0.70	ppb
Lithium	6-1				87		%
Magnesium	24-2	51759.43	52244.97	51775.12	51926.50	0.53	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:51:49	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	986.43	997.11	996.00	993.18	0.59	ppb
Molybdenum	94-1	2505.47	2497.39	2467.49	2490.12	0.80	ppb
Molybdenum	95-1	2491.44	2495.80	2494.34	2493.86	0.09	ppb
Molybdenum	96-1	2505.21	2501.40	2493.84	2500.15	0.23	ppb
Molybdenum	97-1	2477.46	2475.16	2468.92	2473.85	0.18	ppb
Molybdenum	98-1	2488.13	2495.40	2490.57	2491.37	0.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.61	515.38	511.47	509.49	1.39	ppb
Phosphorus	31-2	10296.78	9994.90	10189.97	10160.55	1.51	ppb
Potassium	39-2	25357.51	25439.54	25298.27	25365.11	0.28	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				86		%
Scandium	45-2				85		%
Selenium	77-2	530.14	510.22	497.41	512.59	3.22	ppb
Selenium	78-2	506.69	498.26	494.04	499.67	1.29	ppb
Selenium	82-1	507.82	514.41	506.12	509.45	0.86	ppb
Silicon	28-1	511.13	510.44	510.84	510.80	0.07	ppb
Silver	109-1	492.40	487.19	485.18	488.26	0.76	ppb
Silver	107-1	487.65	483.88	480.99	484.17	0.69	ppb
Sodium	23-2	51364.38	51554.70	51244.76	51387.95	0.30	ppb
Strontium	86-1	510.94	509.37	503.62	507.98	0.76	ppb
Strontium	88-1	501.66	503.97	500.09	501.90	0.39	ppb
Sulfur	34-1	9725.85	9669.65	9559.06	9651.52	0.88	ppb
Terbium	159-1				99		%
Terbium	159-2				93		%
Thallium	203-1	492.87	489.57	491.31	491.25	0.34	ppb
Thallium	205-1	494.71	490.44	495.20	493.45	0.53	ppb
Thorium	232-1	491.40	487.78	488.15	489.11	0.41	ppb
Tin	118-1	516.91	511.10	506.36	511.46	1.03	ppb
Titanium	47-1	2509.77	2491.88	2500.47	2500.71	0.36	ppb
Uranium	238-1	473.37	469.73	471.45	471.51	0.39	ppb
Vanadium	51-2	498.67	505.15	502.87	502.23	0.65	ppb
Yttrium	89-1				92		%
Yttrium	89-2				87		%

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:51:49	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	928.72	937.20	940.93	935.62	0.67	ppb
Zirconium	90-1	496.74	498.12	489.86	494.91	0.89	ppb
Zirconium	91-1	503.90	503.67	500.33	502.64	0.40	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:55:39	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19326.04	19635.48	19942.30	19634.61	1.57	ppb
Antimony	121-1	1005.12	983.39	985.92	991.48	1.20	ppb
Arsenic	75-1	1013.37	986.93	984.29	994.86	1.62	ppb
Barium	135-1	5027.29	4944.79	4970.47	4980.85	0.85	ppb
Barium	137-1	5038.45	4949.07	4958.74	4982.09	0.98	ppb
Beryllium	9-1	1008.08	986.30	987.31	993.90	1.24	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Boron	10-1	986.81	993.44	1005.15	995.13	0.93	ppb
Boron	11-1	1002.62	991.39	996.63	996.88	0.56	ppb
Cadmium	111-1	1015.83	994.08	998.25	1002.72	1.15	ppb
Cadmium	106-1	1009.61	994.21	1011.89	1005.23	0.96	ppb
Cadmium	108-1	1009.55	1004.70	988.60	1000.95	1.10	ppb
Calcium	43-1	104378.49	103900.86	102769.98	103683.11	0.80	ppb
Calcium	44-1	104573.07	103449.36	103044.03	103688.82	0.76	ppb
Chromium	52-2	984.89	989.31	1006.63	993.61	1.16	ppb
Cobalt	59-2	980.50	988.92	1001.88	990.43	1.09	ppb
Copper	63-2	2009.46	2025.11	2061.29	2031.95	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				96		%
Indium	115-1				87		%
Indium	115-2				86		%
Iron	56-2	52180.35	52783.26	53571.53	52845.05	1.32	ppb
Iron	57-2	52639.17	53402.73	54346.93	53462.95	1.60	ppb
Krypton	83-1						cps
Lead	206-1	1012.79	990.03	995.45	999.42	1.19	ppb
Lead	207-1	1009.82	992.60	996.82	999.75	0.90	ppb
Lead	208-1	1014.54	992.23	998.80	1001.86	1.14	ppb
Lithium	6-1				86		%
Magnesium	24-2	101929.35	102784.63	104374.80	103029.59	1.20	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:55:39	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1962.11	1995.36	2030.13	1995.87	1.70	ppb
Molybdenum	94-1	5086.73	4961.41	4928.16	4992.10	1.68	ppb
Molybdenum	95-1	5086.08	4962.85	4933.89	4994.27	1.62	ppb
Molybdenum	96-1	5078.90	4953.20	4940.33	4990.81	1.53	ppb
Molybdenum	97-1	5090.84	4972.33	4929.76	4997.64	1.67	ppb
Molybdenum	98-1	5085.61	4939.16	4952.64	4992.47	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	978.24	987.67	1002.43	989.45	1.23	ppb
Phosphorus	31-2	19623.52	19981.94	20091.66	19899.04	1.23	ppb
Potassium	39-2	49798.51	50423.98	51042.75	50421.75	1.23	ppb
Rhodium	103-1				83		%
Rhodium	103-2				84		%
Scandium	45-1				85		%
Scandium	45-2				87		%
Selenium	77-2	961.62	1003.13	1004.56	989.77	2.46	ppb
Selenium	78-2	1003.73	970.96	1015.95	996.88	2.33	ppb
Selenium	82-1	1009.53	984.57	976.31	990.13	1.75	ppb
Silicon	28-1	1008.73	988.11	989.38	995.41	1.16	ppb
Silver	109-1	1009.04	998.25	995.58	1000.96	0.71	ppb
Silver	107-1	1013.67	994.66	1001.50	1003.28	0.96	ppb
Sodium	23-2	100751.60	101517.90	103333.30	101867.60	1.30	ppb
Strontium	86-1	1008.23	986.28	983.44	992.65	1.37	ppb
Strontium	88-1	1014.34	985.63	990.58	996.85	1.54	ppb
Sulfur	34-1	20812.73	20160.48	19963.15	20312.12	2.19	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	1013.00	993.37	1003.56	1003.31	0.98	ppb
Thallium	205-1	1013.77	995.16	1001.97	1003.63	0.94	ppb
Thorium	232-1	1016.49	997.30	1005.43	1006.41	0.96	ppb
Tin	118-1	996.48	983.49	982.95	987.64	0.78	ppb
Titanium	47-1	5050.43	4965.10	4942.88	4986.14	1.14	ppb
Uranium	238-1	1031.66	1009.21	1007.21	1016.03	1.34	ppb
Vanadium	51-2	984.28	992.95	1011.42	996.21	1.39	ppb
Yttrium	89-1				92		%
Yttrium	89-2				89		%

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:55:39	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2004.55	2028.53	2067.76	2033.62	1.57	ppb
Zirconium	90-1	1016.11	994.25	990.43	1000.26	1.39	ppb
Zirconium	91-1	1016.91	985.84	983.26	995.34	1.88	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:59:26	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99619.93	100656.74	99920.29	100065.65	0.53	ppb
Antimony	121-1	1.48	1.51	1.53	1.51	1.69	ppb
Arsenic	75-1	1.44	1.86	1.33	1.54	18.38	ppb
Barium	135-1	1.29	1.19	1.14	1.21	6.10	ppb
Barium	137-1	1.16	1.09	1.09	1.11	4.09	ppb
Beryllium	9-1	0.33	0.33	0.34	0.34	2.37	ppb
Bismuth	209-1				82		%
Bismuth	209-2				80		%
Boron	10-1	50.83	48.52	43.35	47.57	8.05	ppb
Boron	11-1	54.09	49.84	45.09	49.68	9.07	ppb
Cadmium	111-1	0.15	0.08	0.15	0.13	29.58	ppb
Cadmium	106-1	-1.32	-1.82	-0.96	-1.37		ppb
Cadmium	108-1	0.48	0.10	0.43	0.34	61.82	ppb
Calcium	43-1	499747.40	500777.16	496240.65	498921.74	0.48	ppb
Calcium	44-1	499321.75	499194.79	498323.33	498946.63	0.11	ppb
Chromium	52-2	7.40	7.34	7.26	7.33	0.98	ppb
Cobalt	59-2	11.24	11.43	11.39	11.35	0.84	ppb
Copper	63-2	2.09	2.21	2.21	2.17	3.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				92		%
Indium	115-1				84		%
Indium	115-2				86		%
Iron	56-2	248325.74	250021.43	249110.48	249152.55	0.34	ppb
Iron	57-2	247586.41	250112.88	249229.85	248976.38	0.51	ppb
Krypton	83-1						cps
Lead	206-1	1.23	1.35	1.22	1.27	5.82	ppb
Lead	207-1	1.14	1.11	1.22	1.16	4.99	ppb
Lead	208-1	1.19	1.17	1.19	1.18	0.75	ppb
Lithium	6-1				86		%
Magnesium	24-2	495794.22	502693.08	498758.82	499082.04	0.69	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:59:26	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.76	7.66	7.74	7.72	0.70	ppb
Molybdenum	94-1	3.53	3.29	3.07	3.30	6.96	ppb
Molybdenum	95-1	4.52	4.07	3.83	4.14	8.48	ppb
Molybdenum	96-1	5.51	5.15	5.08	5.24	4.39	ppb
Molybdenum	97-1	4.23	3.78	3.78	3.93	6.59	ppb
Molybdenum	98-1	4.05	3.96	3.78	3.93	3.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.63	12.34	12.66	12.21	4.29	ppb
Phosphorus	31-2	-43.01	-29.76	-30.06	-34.28		ppb
Potassium	39-2	248733.35	250999.51	249793.55	249842.14	0.45	ppb
Rhodium	103-1				77		%
Rhodium	103-2				79		%
Scandium	45-1				88		%
Scandium	45-2				94		%
Selenium	77-2	0.84	0.82	0.82	0.83	1.17	ppb
Selenium	78-2	-0.01	1.04	1.82	0.95	96.67	ppb
Selenium	82-1	0.87	0.97	0.54	0.79	28.73	ppb
Silicon	28-1	139.29	144.38	145.11	142.93	2.22	ppb
Silver	109-1	0.19	0.12	0.12	0.14	28.40	ppb
Silver	107-1	0.16	0.14	0.15	0.15	5.16	ppb
Sodium	23-2	497557.63	500472.52	500158.92	499396.36	0.32	ppb
Strontium	86-1	4.04	4.12	4.00	4.05	1.55	ppb
Strontium	88-1	4.16	4.02	4.02	4.06	1.99	ppb
Sulfur	34-1	-557.60	-489.81	-361.41	-469.61		ppb
Terbium	159-1				96		%
Terbium	159-2				92		%
Thallium	203-1	0.40	0.37	0.36	0.38	5.11	ppb
Thallium	205-1	0.41	0.39	0.35	0.38	7.47	ppb
Thorium	232-1	0.31	0.29	0.24	0.28	11.46	ppb
Tin	118-1	0.84	0.68	0.77	0.76	10.63	ppb
Titanium	47-1	2.77	2.74	2.92	2.81	3.51	ppb
Uranium	238-1	0.19	0.17	0.18	0.18	5.00	ppb
Vanadium	51-2	0.16	0.23	0.20	0.20	16.71	ppb
Yttrium	89-1				91		%
Yttrium	89-2				91		%

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:59:26	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	14.34	14.24	15.21	14.60	3.64	ppb
Zirconium	90-1	0.39	0.30	0.31	0.33	15.41	ppb
Zirconium	91-1	0.28	0.37	0.29	0.31	16.11	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:03:59	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	469.50	468.91	498.67	479.03	3.55	ppb
Antimony	121-1	201.12	201.29	199.08	200.50	0.61	ppb
Arsenic	75-1	198.56	200.78	199.01	199.45	0.59	ppb
Barium	135-1	101.20	100.76	99.29	100.42	1.00	ppb
Barium	137-1	99.84	100.75	99.93	100.17	0.50	ppb
Beryllium	9-1	95.23	96.31	96.15	95.90	0.60	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	18.16	15.65	14.67	16.16	11.15	ppb
Boron	11-1	16.03	16.38	14.71	15.71	5.59	ppb
Cadmium	111-1	99.85	100.25	99.62	99.91	0.32	ppb
Cadmium	106-1	72.89	73.80	72.16	72.95	1.13	ppb
Cadmium	108-1	109.37	104.45	104.96	106.26	2.55	ppb
Calcium	43-1	2063.76	2085.19	2069.45	2072.80	0.54	ppb
Calcium	44-1	2051.42	2046.59	2044.95	2047.65	0.16	ppb
Chromium	52-2	96.57	95.86	94.93	95.79	0.86	ppb
Cobalt	59-2	99.16	99.98	99.21	99.45	0.46	ppb
Copper	63-2	94.46	94.83	93.02	94.10	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	1073.24	1059.50	1061.55	1064.76	0.70	ppb
Iron	57-2	1075.37	1069.23	1051.15	1065.25	1.18	ppb
Krypton	83-1						cps
Lead	206-1	194.47	193.42	193.90	193.93	0.27	ppb
Lead	207-1	186.13	185.25	185.12	185.50	0.30	ppb
Lead	208-1	187.42	187.88	186.89	187.40	0.26	ppb
Lithium	6-1				109		%
Magnesium	24-2	1259.68	1255.04	1229.16	1247.96	1.32	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:03:59	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	94.86	94.85	94.91	94.87	0.03	ppb
Molybdenum	94-1	1595.81	1586.68	1595.64	1592.71	0.33	ppb
Molybdenum	95-1	2354.73	2328.29	2338.36	2340.46	0.57	ppb
Molybdenum	96-1	2261.97	2238.44	2244.29	2248.23	0.54	ppb
Molybdenum	97-1	2314.80	2286.75	2292.24	2297.93	0.65	ppb
Molybdenum	98-1	2346.11	2327.53	2342.83	2338.82	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.12	100.65	101.23	101.33	0.73	ppb
Phosphorus	31-2	-1.54	-18.95	-22.26	-14.25		ppb
Potassium	39-2	2019.63	1942.93	1972.19	1978.25	1.96	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	77-2	208.47	182.68	177.78	189.64	8.69	ppb
Selenium	78-2	200.69	198.30	200.83	199.94	0.71	ppb
Selenium	82-1	200.71	197.79	195.59	198.03	1.30	ppb
Silicon	28-1	5.38	6.00	6.89	6.09	12.52	ppb
Silver	109-1	104.55	103.64	102.33	103.51	1.08	ppb
Silver	107-1	102.97	102.95	102.91	102.94	0.03	ppb
Sodium	23-2	2064.81	2050.07	2004.70	2039.86	1.54	ppb
Strontium	86-1	2.32	2.14	2.24	2.23	4.10	ppb
Strontium	88-1	2.16	2.17	2.20	2.18	1.09	ppb
Sulfur	34-1	-827.80	-919.00	-775.82	-840.88		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	190.31	190.75	189.07	190.04	0.46	ppb
Thallium	205-1	187.05	186.79	186.48	186.77	0.15	ppb
Thorium	232-1	0.09	0.09	0.09	0.09	1.64	ppb
Tin	118-1	0.12	0.10	0.10	0.11	12.93	ppb
Titanium	47-1	2339.98	2377.86	2353.13	2356.99	0.82	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	27.09	ppb
Vanadium	51-2	95.44	95.50	94.00	94.98	0.90	ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:03:59	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	186.68	186.18	181.63	184.83	1.50	ppb
Zirconium	90-1	0.18	0.15	0.12	0.15	21.30	ppb
Zirconium	91-1	0.22	0.23	0.23	0.23	1.76	ppb

LB Number : LB103322 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-10 12:09:09 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.43	0.10	-0.35	0.06	697.60	ppb
Antimony	121-1	0.15	0.17	0.22	0.18	19.28	ppb
Arsenic	75-1	0.02	-0.01	-0.01	0.00	792.31	ppb
Barium	135-1	0.05	0.03	0.01	0.03	66.69	ppb
Barium	137-1	0.00	0.02	0.01	0.01	88.63	ppb
Beryllium	9-1	0.08	0.04	0.06	0.06	32.78	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	8.08	9.83	8.75	8.89	9.94	ppb
Boron	11-1	8.41	8.23	8.42	8.35	1.28	ppb
Cadmium	111-1	-0.22	-0.12	-0.22	-0.19		ppb
Cadmium	106-1	-3.20	-1.66	-2.84	-2.57		ppb
Cadmium	108-1	-0.05	0.08	0.04	0.03	256.47	ppb
Calcium	43-1	2.91	-2.41	-0.32	0.06	4506.89	ppb
Calcium	44-1	1.78	1.24	0.93	1.32	32.64	ppb
Chromium	52-2	-0.02	0.00	0.01	0.00		ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	68.78	ppb
Copper	63-2	-0.03	0.00	0.03	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	1.17	2.06	1.37	1.53	30.36	ppb
Iron	57-2	1.18	5.93	2.38	3.16	78.04	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.02	0.03	40.67	ppb
Lead	207-1	0.01	0.01	0.02	0.02	47.03	ppb
Lead	208-1	0.03	0.03	0.02	0.03	28.69	ppb
Lithium	6-1				108		%
Magnesium	24-2	1.26	2.59	1.81	1.89	35.25	ppb

LB Number : LB103322 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-10 12:09:09 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.00	0.05	0.03	87.73	ppb
Molybdenum	94-1	0.41	0.41	0.33	0.38	12.78	ppb
Molybdenum	95-1	0.66	0.50	0.46	0.54	19.68	ppb
Molybdenum	96-1	0.64	0.54	0.54	0.57	10.35	ppb
Molybdenum	97-1	0.66	0.53	0.51	0.57	14.76	ppb
Molybdenum	98-1	0.59	0.57	0.47	0.54	12.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	-0.03	-0.01		ppb
Phosphorus	31-2	-16.12	-37.21	-28.61	-27.31		ppb
Potassium	39-2	-3.27	-2.83	-4.30	-3.47		ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	77-2	0.72	0.00	0.00	0.24	173.21	ppb
Selenium	78-2	0.36	0.69	-0.12	0.31	132.15	ppb
Selenium	82-1	-0.01	0.55	0.11	0.21	138.37	ppb
Silicon	28-1	1.05	1.31	1.60	1.32	20.69	ppb
Silver	109-1	0.03	0.01	0.01	0.02	66.14	ppb
Silver	107-1	0.02	0.00	0.02	0.01	57.39	ppb
Sodium	23-2	10.91	11.57	11.77	11.42	3.93	ppb
Strontium	86-1	0.03	0.00	-0.06	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	1728.48	ppb
Sulfur	34-1	-666.10	-462.74	-452.27	-527.04		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.08	0.11	0.09	22.41	ppb
Thallium	205-1	0.09	0.08	0.08	0.08	9.14	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	8.90	ppb
Tin	118-1	0.03	0.04	0.05	0.04	24.36	ppb
Titanium	47-1	0.17	0.10	0.16	0.14	26.81	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	60.16	ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00	444.08	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:09:09	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.18	-0.01	-0.03	-0.07		ppb
Zirconium	90-1	-0.01	0.00	-0.01	-0.01		ppb
Zirconium	91-1	0.03	0.01	0.00	0.01	99.74	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:12:45	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86154.39	85242.69	89327.10	86908.06	2.47	ppb
Antimony	121-1	1.19	1.13	1.11	1.14	3.69	ppb
Arsenic	75-1	1.26	1.54	1.79	1.53	17.23	ppb
Barium	135-1	1.60	1.43	1.36	1.46	8.30	ppb
Barium	137-1	1.50	1.35	1.53	1.46	6.68	ppb
Beryllium	9-1	0.29	0.33	0.28	0.30	7.99	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	6.54	5.96	7.13	6.54	9.00	ppb
Boron	11-1	6.50	6.27	5.99	6.25	4.05	ppb
Cadmium	111-1	0.37	0.20	0.33	0.30	29.72	ppb
Cadmium	106-1	-3.02	-4.06	-3.34	-3.47		ppb
Cadmium	108-1	13.54	14.26	14.19	14.00	2.85	ppb
Calcium	43-1	99989.39	100824.81	100887.93	100567.38	0.50	ppb
Calcium	44-1	100313.08	100549.04	100954.50	100605.54	0.32	ppb
Chromium	52-2	19.41	18.86	19.84	19.37	2.52	ppb
Cobalt	59-2	1.09	1.18	1.22	1.16	5.50	ppb
Copper	63-2	6.72	6.94	7.29	6.99	4.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	56-2	100523.76	98755.56	104037.74	101105.69	2.66	ppb
Iron	57-2	100522.64	99925.64	104995.27	101814.52	2.72	ppb
Krypton	83-1						cps
Lead	206-1	4.53	4.73	4.65	4.63	2.18	ppb
Lead	207-1	4.03	4.10	4.08	4.07	0.89	ppb
Lead	208-1	4.23	4.29	4.26	4.26	0.77	ppb
Lithium	6-1				96		%
Magnesium	24-2	98005.55	96489.85	100925.19	98473.53	2.29	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:12:45	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.91	7.61	7.83	7.79	1.98	ppb
Molybdenum	94-1	1282.02	1290.66	1272.37	1281.68	0.71	ppb
Molybdenum	95-1	1850.58	1862.06	1845.04	1852.56	0.47	ppb
Molybdenum	96-1	1812.48	1825.81	1814.23	1817.51	0.40	ppb
Molybdenum	97-1	1870.80	1874.90	1853.80	1866.50	0.60	ppb
Molybdenum	98-1	1883.83	1890.91	1884.43	1886.39	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.31	5.15	5.20	5.22	1.59	ppb
Phosphorus	31-2	91860.62	91197.13	96030.30	93029.35	2.82	ppb
Potassium	39-2	95551.26	94360.49	99179.83	96363.86	2.61	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.14	0.45	1.63	0.65	139.40	ppb
Selenium	82-1	0.14	-0.13	0.19	0.07	254.73	ppb
Silicon	28-1	18.51	18.65	19.02	18.72	1.42	ppb
Silver	109-1	0.04	0.06	0.06	0.06	18.85	ppb
Silver	107-1	0.06	0.05	0.05	0.05	7.87	ppb
Sodium	23-2	96797.51	95390.37	100318.21	97502.03	2.60	ppb
Strontium	86-1	32.93	33.57	33.09	33.20	1.00	ppb
Strontium	88-1	32.93	32.74	32.77	32.81	0.30	ppb
Sulfur	34-1	97291.14	98405.65	98079.59	97925.46	0.59	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.22	0.26	0.26	0.25	9.60	ppb
Thallium	205-1	0.24	0.29	0.29	0.27	9.62	ppb
Thorium	232-1	0.02	0.03	0.02	0.02	21.18	ppb
Tin	118-1	0.20	0.17	0.18	0.18	7.85	ppb
Titanium	47-1	1945.06	1959.11	1969.94	1958.04	0.64	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	9.58	ppb
Vanadium	51-2	0.17	0.16	0.17	0.17	5.31	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:12:45	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.10	11.25	11.61	11.32	2.30	ppb
Zirconium	90-1	0.02	0.03	0.01	0.02	38.39	ppb
Zirconium	91-1	0.03	0.03	0.01	0.02	68.29	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:16:22	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89575.33	86754.29	91654.52	89328.05	2.75	ppb
Antimony	121-1	20.59	21.16	21.63	21.13	2.47	ppb
Arsenic	75-1	20.25	21.68	21.45	21.12	3.64	ppb
Barium	135-1	21.54	22.28	20.99	21.61	2.99	ppb
Barium	137-1	21.06	21.47	22.13	21.55	2.50	ppb
Beryllium	9-1	19.97	20.31	20.18	20.15	0.85	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Boron	10-1	55.41	52.71	56.33	54.82	3.43	ppb
Boron	11-1	55.79	56.05	56.95	56.27	1.08	ppb
Cadmium	111-1	19.33	19.47	19.42	19.41	0.37	ppb
Cadmium	106-1	21.46	21.00	21.38	21.28	1.15	ppb
Cadmium	108-1	36.30	35.34	34.58	35.41	2.44	ppb
Calcium	43-1	101943.65	103135.86	103984.14	103021.21	1.00	ppb
Calcium	44-1	101523.99	103218.90	104057.24	102933.38	1.25	ppb
Chromium	52-2	39.05	38.71	40.18	39.31	1.97	ppb
Cobalt	59-2	21.11	20.43	21.25	20.93	2.11	ppb
Copper	63-2	26.11	25.31	26.42	25.95	2.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	103892.88	100374.96	105348.94	103205.59	2.48	ppb
Iron	57-2	104849.90	101688.58	106997.00	104511.83	2.56	ppb
Krypton	83-1						cps
Lead	206-1	25.77	25.60	26.34	25.90	1.49	ppb
Lead	207-1	23.11	23.80	24.18	23.70	2.28	ppb
Lead	208-1	23.96	24.38	24.76	24.37	1.66	ppb
Lithium	6-1				96		%
Magnesium	24-2	102306.48	98850.92	104338.17	101831.86	2.72	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:16:22	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.73	26.54	27.95	27.07	2.82	ppb
Molybdenum	94-1	1395.86	1412.29	1418.95	1409.03	0.84	ppb
Molybdenum	95-1	1948.16	1974.32	1982.08	1968.19	0.90	ppb
Molybdenum	96-1	1885.46	1913.29	1924.95	1907.90	1.06	ppb
Molybdenum	97-1	1920.95	1939.08	1943.55	1934.53	0.62	ppb
Molybdenum	98-1	1931.41	1983.04	1993.21	1969.22	1.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.98	24.37	25.45	25.27	3.24	ppb
Phosphorus	31-2	95904.80	92702.52	98267.33	95624.88	2.92	ppb
Potassium	39-2	98836.02	95835.92	101245.01	98638.98	2.75	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	77-2	12.29	21.90	20.55	18.25	28.51	ppb
Selenium	78-2	17.99	19.01	22.28	19.76	11.34	ppb
Selenium	82-1	19.80	18.71	20.71	19.74	5.06	ppb
Silicon	28-1	63.88	65.82	66.76	65.49	2.25	ppb
Silver	109-1	18.37	18.43	18.91	18.57	1.58	ppb
Silver	107-1	18.41	18.33	18.78	18.51	1.31	ppb
Sodium	23-2	100682.45	97513.29	102638.95	100278.23	2.58	ppb
Strontium	86-1	87.37	90.52	90.47	89.46	2.02	ppb
Strontium	88-1	87.44	89.26	90.02	88.90	1.49	ppb
Sulfur	34-1	99079.31	100585.82	101057.28	100240.80	1.03	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	20.29	20.28	20.58	20.38	0.84	ppb
Thallium	205-1	19.91	20.14	20.60	20.21	1.74	ppb
Thorium	232-1	0.24	0.23	0.25	0.24	3.56	ppb
Tin	118-1	47.44	48.02	48.98	48.15	1.62	ppb
Titanium	47-1	2021.96	2058.87	2084.21	2055.01	1.52	ppb
Uranium	238-1	46.47	47.35	47.66	47.16	1.31	ppb
Vanadium	51-2	19.65	19.27	19.84	19.59	1.49	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:16:22	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	30.61	29.81	31.60	30.67	2.91	ppb
Zirconium	90-1	46.04	46.15	46.54	46.24	0.56	ppb
Zirconium	91-1	45.80	47.27	46.84	46.64	1.63	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:19:58	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53370.90	53309.39	53729.14	53469.81	0.42	ppb
Antimony	121-1	493.71	494.47	496.58	494.92	0.30	ppb
Arsenic	75-1	522.34	518.23	522.27	520.95	0.45	ppb
Barium	135-1	2486.89	2481.04	2488.26	2485.40	0.15	ppb
Barium	137-1	2516.01	2516.13	2531.25	2521.13	0.35	ppb
Beryllium	9-1	494.18	496.50	493.91	494.86	0.29	ppb
Bismuth	209-1				91		%
Bismuth	209-2				88		%
Boron	10-1	479.21	491.11	498.51	489.61	1.99	ppb
Boron	11-1	482.47	497.70	500.83	493.66	1.99	ppb
Cadmium	111-1	517.38	515.46	520.07	517.64	0.45	ppb
Cadmium	106-1	514.66	498.31	506.57	506.51	1.61	ppb
Cadmium	108-1	523.07	529.42	526.16	526.22	0.60	ppb
Calcium	43-1	251247.96	248382.79	249918.98	249849.91	0.57	ppb
Calcium	44-1	249576.90	249225.63	251135.10	249979.21	0.41	ppb
Chromium	52-2	493.49	496.77	500.71	496.99	0.73	ppb
Cobalt	59-2	489.52	491.87	498.16	493.18	0.91	ppb
Copper	63-2	961.49	977.35	975.29	971.37	0.89	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				97		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	126170.40	126584.71	126760.80	126505.30	0.24	ppb
Iron	57-2	126888.87	127105.02	128389.68	127461.19	0.64	ppb
Krypton	83-1						cps
Lead	206-1	505.37	508.56	504.61	506.18	0.41	ppb
Lead	207-1	504.91	505.38	502.57	504.29	0.30	ppb
Lead	208-1	501.16	501.32	500.53	501.00	0.08	ppb
Lithium	6-1				96		%
Magnesium	24-2	251762.41	251105.42	252638.88	251835.57	0.31	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:19:58	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	958.87	962.80	967.47	963.04	0.45	ppb
Molybdenum	94-1	2514.98	2491.46	2494.16	2500.20	0.51	ppb
Molybdenum	95-1	2507.04	2481.60	2484.79	2491.15	0.56	ppb
Molybdenum	96-1	2508.77	2490.01	2496.81	2498.53	0.38	ppb
Molybdenum	97-1	2453.74	2441.83	2450.07	2448.55	0.25	ppb
Molybdenum	98-1	2498.87	2475.09	2491.95	2488.64	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.45	485.40	485.24	483.70	0.58	ppb
Phosphorus	31-2	9964.12	9804.22	10290.18	10019.51	2.47	ppb
Potassium	39-2	126095.71	125530.43	126859.44	126161.86	0.53	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	77-2	514.40	519.88	480.69	504.99	4.20	ppb
Selenium	78-2	527.96	518.66	503.14	516.59	2.43	ppb
Selenium	82-1	511.00	505.63	507.88	508.17	0.53	ppb
Silicon	28-1	515.44	523.99	528.99	522.81	1.31	ppb
Silver	109-1	518.42	517.58	518.32	518.11	0.09	ppb
Silver	107-1	516.68	516.99	517.19	516.95	0.05	ppb
Sodium	23-2	254148.01	254425.81	256392.72	254988.85	0.48	ppb
Strontium	86-1	504.79	497.82	499.91	500.84	0.71	ppb
Strontium	88-1	498.09	500.29	500.64	499.67	0.28	ppb
Sulfur	34-1	9543.12	9603.06	9582.43	9576.20	0.32	ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	504.05	502.74	503.74	503.51	0.14	ppb
Thallium	205-1	510.50	509.61	509.75	509.95	0.09	ppb
Thorium	232-1	519.12	520.49	522.09	520.57	0.29	ppb
Tin	118-1	504.13	500.39	503.29	502.60	0.39	ppb
Titanium	47-1	2493.66	2500.70	2517.59	2503.98	0.49	ppb
Uranium	238-1	493.59	492.67	496.40	494.22	0.39	ppb
Vanadium	51-2	498.91	502.47	504.87	502.08	0.60	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:19:58	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	922.58	930.30	930.86	927.91	0.50	ppb
Zirconium	90-1	489.38	485.61	486.47	487.15	0.41	ppb
Zirconium	91-1	502.79	495.36	495.42	497.85	0.86	ppb

LB Number : LB103322 Operator : Jaswal
 Lab Sample ID : CCB64 Instrumnet Name : P7
 Client Sample ID : CCB64 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-10 12:23:36 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.98	4.40	3.55	4.65	26.55	ppb
Antimony	121-1	0.41	0.44	0.43	0.43	2.99	ppb
Arsenic	75-1	0.22	0.22	0.28	0.24	14.63	ppb
Barium	135-1	0.34	0.30	0.29	0.31	8.90	ppb
Barium	137-1	0.41	0.28	0.31	0.33	20.07	ppb
Beryllium	9-1	0.17	0.16	0.12	0.15	18.09	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	19.36	19.07	16.24	18.22	9.46	ppb
Boron	11-1	19.82	18.02	16.77	18.20	8.42	ppb
Cadmium	111-1	0.05	-0.05	-0.07	-0.02		ppb
Cadmium	106-1	-0.86	-1.30	-1.93	-1.37		ppb
Cadmium	108-1	0.29	0.41	0.21	0.30	34.68	ppb
Calcium	43-1	39.85	38.98	23.60	34.15	26.77	ppb
Calcium	44-1	38.80	33.98	27.51	33.43	16.95	ppb
Chromium	52-2	0.03	0.04	0.03	0.04	18.29	ppb
Cobalt	59-2	0.05	0.04	0.04	0.04	24.19	ppb
Copper	63-2	0.21	0.26	0.18	0.22	19.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	13.82	12.53	10.97	12.44	11.46	ppb
Iron	57-2	14.27	10.16	12.14	12.19	16.87	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.10	0.12	0.11	11.91	ppb
Lead	207-1	0.10	0.09	0.09	0.09	5.04	ppb
Lead	208-1	0.11	0.10	0.10	0.10	8.82	ppb
Lithium	6-1				108		%
Magnesium	24-2	22.01	19.55	14.91	18.83	19.15	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:23:36	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.11	0.07	0.05	0.08	38.75	ppb
Molybdenum	94-1	1.10	0.93	0.95	0.99	9.22	ppb
Molybdenum	95-1	1.44	1.29	1.03	1.25	16.58	ppb
Molybdenum	96-1	1.34	1.28	0.97	1.20	16.82	ppb
Molybdenum	97-1	1.38	1.08	1.05	1.17	15.45	ppb
Molybdenum	98-1	1.47	1.22	1.06	1.25	16.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.04	0.06	0.05	38.52	ppb
Phosphorus	31-2	-16.50	-37.30	-25.44	-26.41		ppb
Potassium	39-2	12.17	12.66	12.20	12.34	2.25	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.17	-0.01	1.16	0.77	87.75	ppb
Selenium	82-1	0.55	0.31	-0.07	0.26	117.10	ppb
Silicon	28-1	2.84	2.30	1.96	2.37	18.78	ppb
Silver	109-1	0.11	0.10	0.10	0.10	4.71	ppb
Silver	107-1	0.12	0.09	0.10	0.10	12.66	ppb
Sodium	23-2	48.81	44.63	40.25	44.56	9.60	ppb
Strontium	86-1	0.01	0.07	0.05	0.04	66.55	ppb
Strontium	88-1	0.06	0.07	0.06	0.06	4.75	ppb
Sulfur	34-1	-649.57	-613.12	-612.62	-625.10		ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.16	0.16	0.19	0.17	9.28	ppb
Thallium	205-1	0.19	0.14	0.15	0.16	18.28	ppb
Thorium	232-1	0.12	0.10	0.09	0.10	11.99	ppb
Tin	118-1	0.15	0.18	0.16	0.16	8.96	ppb
Titanium	47-1	0.55	0.48	0.42	0.48	14.10	ppb
Uranium	238-1	0.07	0.06	0.05	0.06	20.27	ppb
Vanadium	51-2	0.04	0.04	0.03	0.04	17.17	ppb
Yttrium	89-1				111		%
Yttrium	89-2				105		%

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:23:36	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.06	0.14	0.23	0.14	60.63	ppb
Zirconium	90-1	0.09	0.07	0.07	0.08	19.08	ppb
Zirconium	91-1	0.10	0.13	0.07	0.10	29.62	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:27:12	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.27	19.45	17.37	17.70	9.14	ppb
Antimony	121-1	2.06	2.00	2.13	2.06	2.93	ppb
Arsenic	75-1	0.71	0.89	0.96	0.85	14.93	ppb
Barium	135-1	10.93	10.51	10.09	10.51	3.99	ppb
Barium	137-1	10.23	10.28	9.69	10.06	3.25	ppb
Beryllium	9-1	0.90	1.05	1.02	0.99	7.65	ppb
Bismuth	209-1				103		%
Bismuth	209-2				106		%
Boron	10-1	32.17	31.14	31.17	31.49	1.87	ppb
Boron	11-1	32.24	32.35	32.47	32.35	0.35	ppb
Cadmium	111-1	0.79	0.89	0.71	0.79	11.23	ppb
Cadmium	106-1	-1.02	-1.19	-1.81	-1.34		ppb
Cadmium	108-1	1.16	1.00	0.90	1.02	12.50	ppb
Calcium	43-1	498.69	516.20	486.01	500.30	3.03	ppb
Calcium	44-1	499.46	502.87	502.16	501.50	0.36	ppb
Chromium	52-2	1.85	1.81	1.95	1.87	3.86	ppb
Cobalt	59-2	0.94	0.86	1.02	0.94	8.26	ppb
Copper	63-2	1.74	1.82	2.15	1.90	11.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				111		%
Iron	56-2	53.73	53.39	57.51	54.88	4.17	ppb
Iron	57-2	57.41	59.93	53.09	56.81	6.08	ppb
Krypton	83-1						cps
Lead	206-1	1.01	1.03	1.02	1.02	1.15	ppb
Lead	207-1	0.92	0.94	0.87	0.91	3.70	ppb
Lead	208-1	0.97	0.98	0.97	0.97	0.84	ppb
Lithium	6-1				110		%
Magnesium	24-2	477.79	491.65	511.38	493.61	3.42	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:27:12	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.01	1.03	0.95	1.00	4.56	ppb
Molybdenum	94-1	5.11	5.26	5.13	5.17	1.55	ppb
Molybdenum	95-1	5.22	5.12	5.07	5.14	1.53	ppb
Molybdenum	96-1	5.15	5.17	5.33	5.22	1.86	ppb
Molybdenum	97-1	5.41	5.22	5.38	5.34	1.93	ppb
Molybdenum	98-1	5.39	5.25	5.04	5.23	3.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	0.91	0.98	0.97	6.10	ppb
Phosphorus	31-2	4.78	5.51	32.02	14.11	110.05	ppb
Potassium	39-2	448.11	453.01	485.52	462.21	4.40	ppb
Rhodium	103-1				109		%
Rhodium	103-2				111		%
Scandium	45-1				111		%
Scandium	45-2				117		%
Selenium	77-2	10.36	7.21	4.86	7.48	36.91	ppb
Selenium	78-2	4.08	6.27	6.86	5.73	25.56	ppb
Selenium	82-1	5.17	5.94	5.54	5.55	6.96	ppb
Silicon	28-1	7.14	7.86	7.67	7.56	4.93	ppb
Silver	109-1	1.09	1.15	1.01	1.09	6.28	ppb
Silver	107-1	1.19	1.05	1.11	1.12	6.68	ppb
Sodium	23-2	474.17	466.03	499.63	479.95	3.65	ppb
Strontium	86-1	0.95	0.89	1.00	0.95	5.70	ppb
Strontium	88-1	0.96	0.96	0.91	0.94	3.00	ppb
Sulfur	34-1	-549.91	-405.57	-509.38	-488.29		ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	1.06	0.94	0.90	0.96	8.91	ppb
Thallium	205-1	0.97	0.94	0.96	0.95	1.32	ppb
Thorium	232-1	0.88	0.87	0.87	0.87	1.04	ppb
Tin	118-1	5.62	5.39	5.41	5.47	2.31	ppb
Titanium	47-1	5.08	5.39	4.78	5.08	5.96	ppb
Uranium	238-1	0.86	0.86	0.85	0.86	0.60	ppb
Vanadium	51-2	4.72	4.67	5.10	4.83	4.85	ppb
Yttrium	89-1				114		%
Yttrium	89-2				113		%

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:27:12	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.33	1.80	1.38	1.50	17.19	ppb
Zirconium	90-1	0.96	0.89	0.91	0.92	4.06	ppb
Zirconium	91-1	0.91	0.94	0.97	0.94	3.11	ppb

LB Number : LB103322 Operator : Jaswal
 Lab Sample ID : PB120460BL Instrumnet Name : P7
 Client Sample ID : PB120460BL Dilution Factor : 1
 Date & Time Acquired :: 2019-06-10 12:30:48 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.66	-0.53	0.21	-0.33		ppb
Antimony	121-1	0.05	0.06	0.08	0.06	28.85	ppb
Arsenic	75-1	0.01	0.06	0.00	0.02	161.42	ppb
Barium	135-1	0.02	0.02	0.04	0.03	42.32	ppb
Barium	137-1	0.03	0.01	0.04	0.03	53.37	ppb
Beryllium	9-1	0.06	0.04	0.04	0.05	31.18	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	6.87	7.46	5.70	6.68	13.43	ppb
Boron	11-1	6.60	6.44	5.89	6.31	5.90	ppb
Cadmium	111-1	-0.17	-0.16	-0.17	-0.17		ppb
Cadmium	106-1	-2.38	-2.19	-2.18	-2.25		ppb
Cadmium	108-1	0.00	0.08	0.16	0.08	105.51	ppb
Calcium	43-1	-2.73	-2.18	-2.65	-2.52		ppb
Calcium	44-1	-1.57	-1.24	-0.25	-1.02		ppb
Chromium	52-2	-0.02	-0.02	-0.02	-0.02		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	27.59	ppb
Copper	63-2	0.04	0.05	0.07	0.05	24.97	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				112		%
Holmium	165-2				103		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	56-2	1.88	1.83	1.82	1.84	1.62	ppb
Iron	57-2	3.27	1.33	3.34	2.65	43.18	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.04	0.03	18.55	ppb
Lead	207-1	0.03	0.02	0.03	0.03	19.30	ppb
Lead	208-1	0.03	0.02	0.02	0.02	12.62	ppb
Lithium	6-1				110		%
Magnesium	24-2	2.20	1.36	1.58	1.71	25.49	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	PB120460BL	Instrumnet Name :	P7
Client Sample ID :	PB120460BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:30:48	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.02	0.02	0.03	22.65	ppb
Molybdenum	94-1	0.11	0.12	0.09	0.11	14.19	ppb
Molybdenum	95-1	0.19	0.12	0.19	0.17	23.25	ppb
Molybdenum	96-1	0.13	0.11	0.17	0.13	23.15	ppb
Molybdenum	97-1	0.14	0.22	0.12	0.16	33.46	ppb
Molybdenum	98-1	0.15	0.16	0.17	0.16	8.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.01	-0.04	-0.03		ppb
Phosphorus	31-2	-11.57	-18.24	-26.55	-18.79		ppb
Potassium	39-2	-1.53	2.40	3.46	1.44	182.06	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.32	0.41	0.86	0.53	54.48	ppb
Selenium	82-1	0.46	-0.15	0.36	0.22	146.41	ppb
Silicon	28-1	-1.80	-0.44	-1.44	-1.23		ppb
Silver	109-1	0.01	0.00	0.01	0.01	43.35	ppb
Silver	107-1	0.01	0.02	0.01	0.01	35.51	ppb
Sodium	23-2	13.48	13.08	11.26	12.61	9.40	ppb
Strontium	86-1	-0.01	-0.03	-0.08	-0.04		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-539.10	-466.54	-415.96	-473.87		ppb
Terbium	159-1				112		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.04	0.04	0.04	15.16	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	14.24	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	13.21	ppb
Tin	118-1	0.01	0.05	0.03	0.03	67.65	ppb
Titanium	47-1	0.03	0.05	-0.05	0.01	497.10	ppb
Uranium	238-1	0.01	0.00	0.00	0.01	46.76	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	989.35	ppb
Yttrium	89-1				114		%
Yttrium	89-2				108		%

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	PB120460BL	Instrumnet Name :	P7
Client Sample ID :	PB120460BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:30:48	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.17	-0.15	-0.25	-0.19		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	52.06	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	457.30	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	PB120460BS	Instrumnet Name :	P7
Client Sample ID :	PB120460BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:34:24	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9813.75	9914.60	9796.87	9841.74	0.65	ppb
Antimony	121-1	499.94	504.85	506.26	503.68	0.66	ppb
Arsenic	75-1	505.16	505.70	497.99	502.95	0.86	ppb
Barium	135-1	2476.94	2485.22	2505.47	2489.21	0.59	ppb
Barium	137-1	2513.68	2539.11	2542.74	2531.84	0.63	ppb
Beryllium	9-1	499.18	495.23	497.14	497.18	0.40	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	482.40	482.99	492.35	485.91	1.15	ppb
Boron	11-1	491.39	487.71	506.61	495.24	2.02	ppb
Cadmium	111-1	484.18	487.38	489.52	487.03	0.55	ppb
Cadmium	106-1	483.42	476.14	485.81	481.79	1.05	ppb
Cadmium	108-1	490.30	499.90	499.25	496.48	1.08	ppb
Calcium	43-1	51235.83	51849.71	52073.35	51719.63	0.84	ppb
Calcium	44-1	51243.85	51557.50	52063.45	51621.60	0.80	ppb
Chromium	52-2	498.48	499.43	493.29	497.06	0.66	ppb
Cobalt	59-2	503.11	502.94	498.83	501.62	0.48	ppb
Copper	63-2	917.52	918.81	911.37	915.90	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	26870.60	26748.79	26342.39	26653.93	1.04	ppb
Iron	57-2	26788.29	26840.11	26524.28	26717.56	0.63	ppb
Krypton	83-1						cps
Lead	206-1	490.42	491.56	490.91	490.96	0.12	ppb
Lead	207-1	484.78	493.23	491.38	489.79	0.91	ppb
Lead	208-1	492.02	488.11	486.30	488.81	0.60	ppb
Lithium	6-1				102		%
Magnesium	24-2	51887.39	52075.82	51590.14	51851.12	0.47	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	PB120460BS	Instrumnet Name :	P7
Client Sample ID :	PB120460BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:34:24	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	976.19	979.15	968.30	974.55	0.58	ppb
Molybdenum	94-1	2450.72	2448.06	2457.52	2452.10	0.20	ppb
Molybdenum	95-1	2443.55	2449.92	2453.78	2449.08	0.21	ppb
Molybdenum	96-1	2454.19	2453.42	2462.78	2456.80	0.21	ppb
Molybdenum	97-1	2397.45	2392.48	2393.39	2394.44	0.11	ppb
Molybdenum	98-1	2442.22	2452.53	2454.11	2449.62	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.62	502.27	500.55	502.81	0.51	ppb
Phosphorus	31-2	10164.55	10051.76	9966.08	10060.80	0.99	ppb
Potassium	39-2	25370.56	25373.09	25359.27	25367.64	0.03	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	488.40	481.32	503.39	491.04	2.29	ppb
Selenium	78-2	499.67	502.48	515.62	505.92	1.68	ppb
Selenium	82-1	499.34	497.44	493.94	496.91	0.55	ppb
Silicon	28-1	553.84	566.47	581.68	567.33	2.46	ppb
Silver	109-1	493.27	491.96	492.53	492.59	0.13	ppb
Silver	107-1	494.39	491.46	493.26	493.04	0.30	ppb
Sodium	23-2	51868.26	51556.27	50981.93	51468.82	0.87	ppb
Strontium	86-1	489.67	490.43	492.09	490.73	0.25	ppb
Strontium	88-1	490.07	495.06	494.44	493.19	0.55	ppb
Sulfur	34-1	9642.66	9634.92	9516.13	9597.91	0.74	ppb
Terbium	159-1				109		%
Terbium	159-2				100		%
Thallium	203-1	487.13	490.55	486.67	488.12	0.43	ppb
Thallium	205-1	498.31	500.31	498.53	499.05	0.22	ppb
Thorium	232-1	479.82	485.34	486.68	483.95	0.75	ppb
Tin	118-1	503.60	510.19	506.20	506.67	0.66	ppb
Titanium	47-1	2474.17	2473.15	2518.26	2488.53	1.04	ppb
Uranium	238-1	459.48	459.95	463.22	460.88	0.44	ppb
Vanadium	51-2	495.76	498.61	494.02	496.13	0.47	ppb
Yttrium	89-1				106		%
Yttrium	89-2				99		%

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	PB120460BS	Instrumnet Name :	P7
Client Sample ID :	PB120460BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:34:24	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	903.07	911.31	895.05	903.14	0.90	ppb
Zirconium	90-1	477.37	475.56	476.83	476.59	0.20	ppb
Zirconium	91-1	489.70	486.35	485.81	487.28	0.43	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01	Instrumnet Name :	P7
Client Sample ID :	390605752.1	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:38:00	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	869.20	849.65	816.38	845.08	3.16	ppb
Antimony	121-1	0.56	0.57	0.55	0.56	2.35	ppb
Arsenic	75-1	0.47	0.46	0.43	0.45	4.95	ppb
Barium	135-1	61.54	61.04	61.88	61.49	0.68	ppb
Barium	137-1	60.46	61.49	60.96	60.97	0.84	ppb
Beryllium	9-1	1.42	1.30	1.33	1.35	4.57	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	28.67	28.00	24.63	27.10	7.98	ppb
Boron	11-1	29.19	26.43	25.01	26.88	7.90	ppb
Cadmium	111-1	1.13	1.12	1.19	1.15	3.30	ppb
Cadmium	106-1	-2.19	-0.35	0.03	-0.84		ppb
Cadmium	108-1	1.74	2.05	1.54	1.77	14.42	ppb
Calcium	43-1	63224.71	63339.93	63442.72	63335.79	0.17	ppb
Calcium	44-1	63903.71	64209.45	64371.96	64161.71	0.37	ppb
Chromium	52-2	3.92	3.79	3.85	3.85	1.73	ppb
Cobalt	59-2	57.25	56.73	56.31	56.76	0.83	ppb
Copper	63-2	2506.25	2499.12	2475.60	2493.66	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	1199.10	1194.56	1193.35	1195.67	0.25	ppb
Iron	57-2	1440.20	1410.66	1430.08	1426.98	1.05	ppb
Krypton	83-1						cps
Lead	206-1	36.23	36.09	36.38	36.24	0.40	ppb
Lead	207-1	34.46	34.14	34.38	34.33	0.49	ppb
Lead	208-1	34.90	34.98	35.04	34.97	0.19	ppb
Lithium	6-1				103		%
Magnesium	24-2	2637.19	2633.88	2598.51	2623.19	0.82	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01	Instrumnet Name :	P7
Client Sample ID :	390605752.1	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:38:00	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	175.75	174.88	171.79	174.14	1.20	ppb
Molybdenum	94-1	2.77	2.50	2.35	2.54	8.37	ppb
Molybdenum	95-1	1.39	1.22	1.05	1.22	14.24	ppb
Molybdenum	96-1	1.58	1.41	1.04	1.34	20.31	ppb
Molybdenum	97-1	1.29	1.14	1.07	1.17	9.70	ppb
Molybdenum	98-1	1.46	1.23	1.05	1.25	16.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.55	46.06	45.56	45.72	0.64	ppb
Phosphorus	31-2	962.65	986.42	895.57	948.21	4.97	ppb
Potassium	39-2	2384.26	2361.38	2347.13	2364.26	0.79	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	10.95	7.19	9.99	9.38	20.85	ppb
Selenium	78-2	1.70	2.35	2.21	2.08	16.45	ppb
Selenium	82-1	0.28	1.02	0.96	0.75	54.80	ppb
Silicon	28-1	3969.06	4001.47	4043.98	4004.83	0.94	ppb
Silver	109-1	0.16	0.17	0.11	0.14	20.90	ppb
Silver	107-1	0.13	0.14	0.12	0.13	6.62	ppb
Sodium	23-2	5184.17	5163.75	5116.40	5154.77	0.67	ppb
Strontium	86-1	57.69	56.55	57.88	57.37	1.26	ppb
Strontium	88-1	57.51	56.09	56.67	56.75	1.26	ppb
Sulfur	34-1	961.17	780.49	720.34	820.66	15.27	ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	0.49	0.50	0.42	0.47	8.91	ppb
Thallium	205-1	0.50	0.49	0.41	0.46	10.66	ppb
Thorium	232-1	0.40	0.37	0.36	0.38	5.32	ppb
Tin	118-1	866.18	862.49	867.08	865.25	0.28	ppb
Titanium	47-1	16.46	16.99	16.44	16.63	1.87	ppb
Uranium	238-1	2.26	2.31	2.35	2.31	1.98	ppb
Vanadium	51-2	1.78	1.67	1.65	1.70	4.26	ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01	Instrumnet Name :	P7
Client Sample ID :	390605752.1	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:38:00	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1129.62	1133.66	1114.04	1125.77	0.92	ppb
Zirconium	90-1	1.17	1.10	1.04	1.10	6.14	ppb
Zirconium	91-1	1.08	1.14	1.14	1.12	3.01	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01DUP	Instrumnet Name :	P7
Client Sample ID :	390605752.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:41:36	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	802.70	806.96	854.06	821.24	3.47	ppb
Antimony	121-1	0.24	0.24	0.26	0.25	6.11	ppb
Arsenic	75-1	0.43	0.40	0.47	0.43	8.69	ppb
Barium	135-1	60.54	60.48	61.02	60.68	0.49	ppb
Barium	137-1	59.63	60.42	59.76	59.94	0.70	ppb
Beryllium	9-1	1.22	1.20	1.15	1.19	2.98	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	15.94	15.08	15.71	15.58	2.85	ppb
Boron	11-1	15.29	15.80	15.28	15.46	1.89	ppb
Cadmium	111-1	1.15	1.11	1.23	1.16	5.28	ppb
Cadmium	106-1	-0.06	-2.22	-0.69	-0.99		ppb
Cadmium	108-1	1.38	1.96	1.35	1.56	21.80	ppb
Calcium	43-1	63685.23	63922.51	63206.84	63604.86	0.57	ppb
Calcium	44-1	63525.15	64046.31	63793.21	63788.22	0.41	ppb
Chromium	52-2	3.71	3.78	3.70	3.73	1.12	ppb
Cobalt	59-2	56.60	56.25	56.70	56.51	0.42	ppb
Copper	63-2	2482.39	2501.60	2510.66	2498.22	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	1185.77	1193.22	1195.59	1191.53	0.43	ppb
Iron	57-2	1385.81	1457.04	1437.93	1426.92	2.58	ppb
Krypton	83-1						cps
Lead	206-1	36.06	36.23	36.21	36.16	0.25	ppb
Lead	207-1	34.03	34.52	34.35	34.30	0.73	ppb
Lead	208-1	34.86	34.97	35.08	34.97	0.32	ppb
Lithium	6-1				104		%
Magnesium	24-2	2646.44	2642.77	2620.38	2636.53	0.54	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01DUP	Instrumnet Name :	P7
Client Sample ID :	390605752.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:41:36	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	173.42	173.42	174.55	173.80	0.38	ppb
Molybdenum	94-1	1.68	1.74	1.68	1.70	2.08	ppb
Molybdenum	95-1	0.29	0.29	0.27	0.28	3.50	ppb
Molybdenum	96-1	0.48	0.39	0.54	0.47	16.51	ppb
Molybdenum	97-1	0.29	0.27	0.22	0.26	15.41	ppb
Molybdenum	98-1	0.27	0.25	0.32	0.28	13.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.37	46.67	46.98	46.67	0.66	ppb
Phosphorus	31-2	958.20	989.35	992.10	979.89	1.92	ppb
Potassium	39-2	2378.32	2369.10	2385.21	2377.54	0.34	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	8.66	7.88	7.84	8.13	5.73	ppb
Selenium	78-2	1.43	1.64	1.27	1.44	12.63	ppb
Selenium	82-1	0.40	0.60	0.33	0.44	32.44	ppb
Silicon	28-1	3990.76	4030.15	4000.41	4007.11	0.51	ppb
Silver	109-1	0.06	0.06	0.07	0.06	12.92	ppb
Silver	107-1	0.07	0.07	0.06	0.07	10.55	ppb
Sodium	23-2	5154.35	5121.35	5183.59	5153.10	0.60	ppb
Strontium	86-1	57.28	56.44	57.65	57.13	1.09	ppb
Strontium	88-1	56.65	56.50	56.79	56.65	0.26	ppb
Sulfur	34-1	927.70	930.51	972.06	943.42	2.63	ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	0.43	0.36	0.37	0.39	9.18	ppb
Thallium	205-1	0.38	0.36	0.37	0.37	3.01	ppb
Thorium	232-1	0.26	0.25	0.25	0.25	3.01	ppb
Tin	118-1	860.25	866.14	859.11	861.83	0.44	ppb
Titanium	47-1	16.77	15.25	17.08	16.37	5.97	ppb
Uranium	238-1	2.21	2.22	2.23	2.22	0.44	ppb
Vanadium	51-2	1.61	1.73	1.82	1.72	6.33	ppb
Yttrium	89-1				111		%
Yttrium	89-2				105		%

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01DUP	Instrumnet Name :	P7
Client Sample ID :	390605752.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:41:36	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1128.48	1124.10	1136.05	1129.55	0.54	ppb
Zirconium	90-1	0.99	0.98	1.02	0.99	1.86	ppb
Zirconium	91-1	0.90	1.04	0.88	0.94	9.40	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01LX5	Instrumnet Name :	P7
Client Sample ID :	390605752.1L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-10 12:45:13	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	163.70	161.31	173.58	166.20	3.91	ppb
Antimony	121-1	0.08	0.10	0.06	0.08	21.38	ppb
Arsenic	75-1	0.10	0.05	0.23	0.13	72.10	ppb
Barium	135-1	12.88	12.38	12.93	12.73	2.38	ppb
Barium	137-1	12.36	11.83	12.45	12.21	2.72	ppb
Beryllium	9-1	0.32	0.25	0.27	0.28	11.66	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	7.13	7.41	8.09	7.54	6.53	ppb
Boron	11-1	7.58	7.41	7.00	7.33	4.06	ppb
Cadmium	111-1	0.12	0.02	0.19	0.11	79.12	ppb
Cadmium	106-1	-1.72	-2.81	-1.00	-1.84		ppb
Cadmium	108-1	0.24	0.28	0.37	0.30	21.06	ppb
Calcium	43-1	12920.83	12907.29	12809.69	12879.27	0.47	ppb
Calcium	44-1	12753.75	12830.66	12776.11	12786.84	0.31	ppb
Chromium	52-2	0.80	0.77	0.79	0.79	1.78	ppb
Cobalt	59-2	11.57	11.49	11.48	11.51	0.43	ppb
Copper	63-2	532.14	525.06	519.78	525.66	1.18	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				113		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	246.31	247.17	244.40	245.96	0.58	ppb
Iron	57-2	302.74	294.63	291.91	296.43	1.90	ppb
Krypton	83-1						cps
Lead	206-1	7.30	7.24	7.22	7.25	0.54	ppb
Lead	207-1	7.00	6.58	6.97	6.85	3.41	ppb
Lead	208-1	7.03	6.85	7.11	7.00	1.92	ppb
Lithium	6-1				108		%
Magnesium	24-2	539.50	535.87	542.19	539.19	0.59	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01LX5	Instrumnet Name :	P7
Client Sample ID :	390605752.1L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-10 12:45:13	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	36.48	35.72	35.34	35.85	1.63	ppb
Molybdenum	94-1	0.28	0.44	0.53	0.42	30.07	ppb
Molybdenum	95-1	0.13	0.14	0.15	0.14	8.53	ppb
Molybdenum	96-1	0.14	0.14	0.17	0.15	11.46	ppb
Molybdenum	97-1	0.12	0.15	0.10	0.12	19.58	ppb
Molybdenum	98-1	0.14	0.15	0.12	0.14	12.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.57	9.76	9.49	9.61	1.45	ppb
Phosphorus	31-2	220.69	131.34	120.21	157.42	34.99	ppb
Potassium	39-2	487.23	486.37	472.69	482.10	1.69	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	77-2	0.72	2.16	0.71	1.20	69.71	ppb
Selenium	78-2	0.02	0.83	0.69	0.51	85.14	ppb
Selenium	82-1	-0.46	0.46	-0.75	-0.25		ppb
Silicon	28-1	809.45	814.54	814.85	812.95	0.37	ppb
Silver	109-1	0.02	0.02	0.01	0.02	48.65	ppb
Silver	107-1	0.03	0.01	0.02	0.02	45.76	ppb
Sodium	23-2	1071.23	1050.78	1048.55	1056.85	1.18	ppb
Strontium	86-1	12.44	11.87	11.49	11.93	4.02	ppb
Strontium	88-1	11.78	11.86	11.73	11.79	0.56	ppb
Sulfur	34-1	-438.67	-438.67	-542.43	-473.26		ppb
Terbium	159-1				112		%
Terbium	159-2				102		%
Thallium	203-1	0.10	0.09	0.08	0.09	13.85	ppb
Thallium	205-1	0.10	0.10	0.09	0.09	6.54	ppb
Thorium	232-1	0.06	0.05	0.06	0.06	6.21	ppb
Tin	118-1	178.84	177.25	180.10	178.73	0.80	ppb
Titanium	47-1	2.91	3.24	3.52	3.22	9.59	ppb
Uranium	238-1	0.45	0.43	0.43	0.44	2.55	ppb
Vanadium	51-2	0.28	0.33	0.33	0.31	8.67	ppb
Yttrium	89-1				111		%
Yttrium	89-2				105		%

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01LX5	Instrumnet Name :	P7
Client Sample ID :	390605752.1L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-10 12:45:13	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	238.39	238.27	236.13	237.60	0.53	ppb
Zirconium	90-1	0.20	0.18	0.19	0.19	6.14	ppb
Zirconium	91-1	0.18	0.18	0.19	0.18	1.92	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01MS	Instrumnet Name :	P7
Client Sample ID :	390605752.1MS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:48:50	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2845.27	2835.61	2817.70	2832.86	0.49	ppb
Antimony	121-1	767.51	764.52	770.76	767.59	0.41	ppb
Arsenic	75-1	764.27	757.21	759.15	760.21	0.48	ppb
Barium	135-1	271.16	270.74	271.90	271.26	0.22	ppb
Barium	137-1	269.17	266.20	266.75	267.38	0.59	ppb
Beryllium	9-1	205.15	204.43	206.36	205.31	0.47	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	307.73	323.21	324.05	318.33	2.89	ppb
Boron	11-1	308.22	318.75	321.55	316.17	2.22	ppb
Cadmium	111-1	199.71	195.05	200.71	198.49	1.52	ppb
Cadmium	106-1	154.47	152.73	154.62	153.94	0.68	ppb
Cadmium	108-1	172.16	174.42	170.07	172.22	1.26	ppb
Calcium	43-1	63463.11	63441.08	63352.70	63418.96	0.09	ppb
Calcium	44-1	63397.64	63749.83	63729.33	63625.60	0.31	ppb
Chromium	52-2	414.69	411.31	422.18	416.06	1.34	ppb
Cobalt	59-2	267.67	263.31	269.15	266.71	1.14	ppb
Copper	63-2	2702.25	2687.28	2742.87	2710.80	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	4519.95	4469.68	4548.00	4512.54	0.88	ppb
Iron	57-2	4759.12	4699.78	4701.07	4719.99	0.72	ppb
Krypton	83-1						cps
Lead	206-1	1035.90	1033.39	1105.68	1058.32	3.88	ppb
Lead	207-1	1021.46	1015.66	1033.09	1023.40	0.87	ppb
Lead	208-1	1049.21	1047.21	1080.19	1058.87	1.75	ppb
Lithium	6-1				103		%
Magnesium	24-2	4784.84	4726.81	4847.62	4786.43	1.26	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01MS	Instrumnet Name :	P7
Client Sample ID :	390605752.1MS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:48:50	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	395.04	391.65	399.48	395.39	0.99	ppb
Molybdenum	94-1	262.73	261.03	257.17	260.31	1.09	ppb
Molybdenum	95-1	370.90	368.44	372.07	370.47	0.50	ppb
Molybdenum	96-1	359.94	355.00	355.18	356.71	0.79	ppb
Molybdenum	97-1	376.84	373.88	370.78	373.83	0.81	ppb
Molybdenum	98-1	375.57	372.92	373.69	374.06	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	570.15	562.81	573.46	568.80	0.96	ppb
Phosphorus	31-2	7305.00	7117.41	7254.52	7225.64	1.34	ppb
Potassium	39-2	12577.84	12439.16	12873.13	12630.04	1.75	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	2041.88	2042.61	2089.10	2057.87	1.31	ppb
Selenium	78-2	1998.77	1991.92	2002.28	1997.66	0.26	ppb
Selenium	82-1	1983.39	1936.20	1977.39	1965.66	1.31	ppb
Silicon	28-1	4926.58	4982.55	4946.43	4951.85	0.57	ppb
Silver	109-1	77.66	75.96	76.53	76.72	1.13	ppb
Silver	107-1	77.32	75.67	76.41	76.47	1.08	ppb
Sodium	23-2	8276.31	8127.41	8415.93	8273.21	1.74	ppb
Strontium	86-1	251.02	251.51	252.63	251.72	0.33	ppb
Strontium	88-1	247.54	246.49	247.30	247.11	0.22	ppb
Sulfur	34-1	930.58	868.75	693.66	831.00	14.79	ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	2064.22	2069.85	2101.08	2078.38	0.96	ppb
Thallium	205-1	2055.59	2049.41	2087.42	2064.14	0.99	ppb
Thorium	232-1	0.45	0.46	0.46	0.46	1.09	ppb
Tin	118-1	1593.91	1592.25	1621.37	1602.51	1.02	ppb
Titanium	47-1	213.52	217.27	217.29	216.03	1.01	ppb
Uranium	238-1	2.24	2.29	2.25	2.26	1.16	ppb
Vanadium	51-2	306.96	303.25	308.43	306.21	0.87	ppb
Yttrium	89-1				107		%
Yttrium	89-2				101		%

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01MS	Instrumnet Name :	P7
Client Sample ID :	390605752.1MS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:48:50	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1300.19	1278.10	1308.44	1295.58	1.21	ppb
Zirconium	90-1	1.95	1.91	1.87	1.91	2.05	ppb
Zirconium	91-1	2.34	2.15	2.13	2.21	5.15	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01MSD	Instrumnet Name :	P7
Client Sample ID :	390605752.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:52:26	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2811.64	2779.14	2844.48	2811.75	1.16	ppb
Antimony	121-1	774.59	764.32	765.78	768.23	0.72	ppb
Arsenic	75-1	777.57	759.70	752.00	763.09	1.72	ppb
Barium	135-1	275.07	271.82	271.92	272.94	0.68	ppb
Barium	137-1	273.18	270.44	270.29	271.30	0.60	ppb
Beryllium	9-1	207.29	207.23	207.59	207.37	0.09	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	322.37	318.96	325.05	322.13	0.95	ppb
Boron	11-1	321.20	325.81	335.12	327.38	2.16	ppb
Cadmium	111-1	200.38	197.63	198.93	198.98	0.69	ppb
Cadmium	106-1	151.43	155.03	155.24	153.90	1.39	ppb
Cadmium	108-1	176.08	177.33	170.68	174.69	2.02	ppb
Calcium	43-1	63677.93	63163.95	62713.88	63185.26	0.76	ppb
Calcium	44-1	63740.36	63587.72	63201.43	63509.84	0.44	ppb
Chromium	52-2	415.14	412.84	414.78	414.25	0.30	ppb
Cobalt	59-2	262.18	261.58	261.34	261.70	0.17	ppb
Copper	63-2	2677.63	2667.37	2675.09	2673.36	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	4522.45	4525.58	4509.58	4519.20	0.19	ppb
Iron	57-2	4668.12	4723.18	4719.19	4703.50	0.65	ppb
Krypton	83-1						cps
Lead	206-1	1085.63	1104.02	1098.60	1096.09	0.86	ppb
Lead	207-1	1017.14	1015.04	1014.59	1015.59	0.13	ppb
Lead	208-1	1062.03	1069.74	1066.70	1066.16	0.36	ppb
Lithium	6-1				103		%
Magnesium	24-2	4724.51	4725.58	4734.08	4728.06	0.11	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01MSD	Instrumnet Name :	P7
Client Sample ID :	390605752.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:52:26	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	379.52	381.99	381.13	380.88	0.33	ppb
Molybdenum	94-1	262.48	259.96	257.89	260.11	0.88	ppb
Molybdenum	95-1	372.53	371.76	368.36	370.88	0.60	ppb
Molybdenum	96-1	357.81	358.24	353.21	356.42	0.78	ppb
Molybdenum	97-1	376.55	374.21	370.00	373.58	0.89	ppb
Molybdenum	98-1	377.28	373.82	369.83	373.65	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	561.84	564.47	563.63	563.32	0.24	ppb
Phosphorus	31-2	7027.00	7201.28	7066.09	7098.12	1.29	ppb
Potassium	39-2	12589.36	12713.78	12727.13	12676.76	0.60	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	1986.63	2115.33	2074.72	2058.90	3.20	ppb
Selenium	78-2	2035.60	2019.70	2011.12	2022.14	0.61	ppb
Selenium	82-1	1980.01	1973.37	1953.30	1968.89	0.71	ppb
Silicon	28-1	4953.86	4904.41	4950.99	4936.42	0.56	ppb
Silver	109-1	77.80	76.90	77.13	77.28	0.61	ppb
Silver	107-1	77.53	76.49	75.72	76.58	1.18	ppb
Sodium	23-2	8276.82	8185.81	8277.03	8246.55	0.64	ppb
Strontium	86-1	256.22	254.83	250.43	253.83	1.19	ppb
Strontium	88-1	249.45	248.70	245.65	247.94	0.81	ppb
Sulfur	34-1	733.13	665.10	597.69	665.31	10.18	ppb
Terbium	159-1				109		%
Terbium	159-2				100		%
Thallium	203-1	2071.10	2088.17	2077.91	2079.06	0.41	ppb
Thallium	205-1	2058.10	2089.12	2079.04	2075.42	0.76	ppb
Thorium	232-1	0.32	0.33	0.32	0.32	1.65	ppb
Tin	118-1	1624.88	1614.45	1623.75	1621.03	0.35	ppb
Titanium	47-1	217.05	212.87	213.78	214.57	1.02	ppb
Uranium	238-1	2.18	2.24	2.19	2.21	1.53	ppb
Vanadium	51-2	305.61	303.86	306.30	305.26	0.41	ppb
Yttrium	89-1				107		%
Yttrium	89-2				101		%

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01MSD	Instrumnet Name :	P7
Client Sample ID :	390605752.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:52:26	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1275.83	1281.13	1277.58	1278.18	0.21	ppb
Zirconium	90-1	2.04	2.10	2.12	2.09	1.79	ppb
Zirconium	91-1	2.45	2.43	2.42	2.43	0.53	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01A	Instrumnet Name :	P7
Client Sample ID :	390605752.1A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:56:04	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2815.12	2857.02	2800.61	2824.25	1.04	ppb
Antimony	121-1	774.54	765.11	765.98	768.54	0.68	ppb
Arsenic	75-1	768.64	749.79	764.00	760.81	1.29	ppb
Barium	135-1	272.66	270.01	273.31	271.99	0.64	ppb
Barium	137-1	270.61	266.12	268.81	268.51	0.84	ppb
Beryllium	9-1	205.71	206.28	204.72	205.57	0.38	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	326.53	322.53	330.49	326.52	1.22	ppb
Boron	11-1	327.73	331.30	336.63	331.89	1.35	ppb
Cadmium	111-1	199.40	196.85	198.22	198.16	0.64	ppb
Cadmium	106-1	151.21	153.01	148.38	150.87	1.55	ppb
Cadmium	108-1	175.63	172.71	174.12	174.15	0.84	ppb
Calcium	43-1	63396.27	63518.88	62874.08	63263.08	0.54	ppb
Calcium	44-1	63710.55	63923.48	63987.15	63873.72	0.23	ppb
Chromium	52-2	416.44	416.48	413.24	415.39	0.45	ppb
Cobalt	59-2	265.61	265.72	264.24	265.19	0.31	ppb
Copper	63-2	2689.80	2730.60	2696.11	2705.50	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	4504.18	4541.85	4482.13	4509.39	0.67	ppb
Iron	57-2	4688.37	4781.90	4698.38	4722.88	1.09	ppb
Krypton	83-1						cps
Lead	206-1	1090.31	1037.93	1104.00	1077.42	3.24	ppb
Lead	207-1	1014.31	1018.68	1029.93	1020.97	0.79	ppb
Lead	208-1	1064.91	1050.39	1073.19	1062.83	1.09	ppb
Lithium	6-1				102		%
Magnesium	24-2	4729.31	4702.93	4726.35	4719.53	0.31	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01A	Instrumnet Name :	P7
Client Sample ID :	390605752.1A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:56:04	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	386.01	391.17	387.67	388.28	0.68	ppb
Molybdenum	94-1	261.84	260.38	262.86	261.69	0.48	ppb
Molybdenum	95-1	376.36	370.66	374.00	373.67	0.77	ppb
Molybdenum	96-1	360.07	357.48	358.16	358.57	0.38	ppb
Molybdenum	97-1	376.27	375.03	379.26	376.85	0.58	ppb
Molybdenum	98-1	371.36	372.07	377.45	373.63	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	563.37	570.71	568.25	567.44	0.66	ppb
Phosphorus	31-2	6867.38	6983.40	6956.05	6935.61	0.87	ppb
Potassium	39-2	12616.19	12750.95	12616.68	12661.27	0.61	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	2093.41	2061.75	2039.20	2064.78	1.32	ppb
Selenium	78-2	2021.41	1998.13	2001.37	2006.97	0.63	ppb
Selenium	82-1	1975.39	1964.71	1975.26	1971.78	0.31	ppb
Silicon	28-1	4916.80	4898.85	4921.41	4912.35	0.24	ppb
Silver	109-1	77.74	77.28	76.64	77.22	0.72	ppb
Silver	107-1	77.66	76.03	75.35	76.35	1.56	ppb
Sodium	23-2	8221.90	8198.25	8205.57	8208.57	0.15	ppb
Strontium	86-1	253.81	255.07	251.35	253.41	0.75	ppb
Strontium	88-1	248.38	247.28	245.82	247.16	0.52	ppb
Sulfur	34-1	465.09	443.52	465.35	457.99	2.74	ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	2070.36	2067.15	2082.23	2073.25	0.38	ppb
Thallium	205-1	2066.49	2056.14	2095.32	2072.65	0.98	ppb
Thorium	232-1	0.38	0.38	0.39	0.38	2.25	ppb
Tin	118-1	1621.45	1625.27	1614.97	1620.56	0.32	ppb
Titanium	47-1	213.59	210.75	216.31	213.55	1.30	ppb
Uranium	238-1	2.27	2.20	2.19	2.22	1.98	ppb
Vanadium	51-2	307.99	305.73	304.40	306.04	0.59	ppb
Yttrium	89-1				108		%
Yttrium	89-2				102		%

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01A	Instrumnet Name :	P7
Client Sample ID :	390605752.1A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:56:04	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1275.96	1293.57	1282.43	1283.99	0.69	ppb
Zirconium	90-1	1.88	1.95	1.88	1.90	2.27	ppb
Zirconium	91-1	2.22	2.34	2.09	2.22	5.81	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 13:02:36	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54328.78	53317.91	53915.77	53854.15	0.94	ppb
Antimony	121-1	494.10	492.24	491.65	492.66	0.26	ppb
Arsenic	75-1	525.56	522.79	527.22	525.19	0.43	ppb
Barium	135-1	2469.46	2469.49	2468.15	2469.03	0.03	ppb
Barium	137-1	2530.26	2528.54	2534.36	2531.05	0.12	ppb
Beryllium	9-1	497.74	492.88	493.34	494.65	0.54	ppb
Bismuth	209-1				91		%
Bismuth	209-2				86		%
Boron	10-1	504.53	498.82	515.59	506.31	1.68	ppb
Boron	11-1	497.49	493.62	513.71	501.61	2.12	ppb
Cadmium	111-1	517.38	516.62	514.46	516.15	0.29	ppb
Cadmium	106-1	514.41	494.75	509.83	506.33	2.03	ppb
Cadmium	108-1	519.59	512.49	525.26	519.11	1.23	ppb
Calcium	43-1	250175.39	248903.97	250662.42	249913.93	0.36	ppb
Calcium	44-1	251208.40	250571.26	252738.96	251506.21	0.44	ppb
Chromium	52-2	505.42	497.05	504.45	502.31	0.91	ppb
Cobalt	59-2	498.55	488.15	494.52	493.74	1.06	ppb
Copper	63-2	972.75	961.91	973.86	969.50	0.68	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				96		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	128914.96	126194.68	128266.48	127792.04	1.11	ppb
Iron	57-2	128883.87	127770.09	128761.15	128471.70	0.48	ppb
Krypton	83-1						cps
Lead	206-1	509.64	507.13	491.95	502.90	1.90	ppb
Lead	207-1	504.54	502.18	492.47	499.73	1.28	ppb
Lead	208-1	501.43	499.17	487.11	495.90	1.55	ppb
Lithium	6-1				96		%
Magnesium	24-2	257575.88	251768.61	255612.93	254985.81	1.16	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 13:02:36	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	978.96	960.36	975.26	971.53	1.01	ppb
Molybdenum	94-1	2503.52	2509.20	2529.41	2514.05	0.54	ppb
Molybdenum	95-1	2501.17	2501.36	2517.30	2506.61	0.37	ppb
Molybdenum	96-1	2510.84	2503.39	2508.99	2507.74	0.15	ppb
Molybdenum	97-1	2449.07	2433.51	2463.71	2448.76	0.62	ppb
Molybdenum	98-1	2496.75	2493.79	2514.02	2501.52	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.99	478.19	485.50	482.56	0.80	ppb
Phosphorus	31-2	10004.04	9999.03	9667.02	9890.03	1.95	ppb
Potassium	39-2	129016.74	126471.66	128063.28	127850.56	1.01	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	77-2	525.60	527.27	528.93	527.27	0.32	ppb
Selenium	78-2	520.51	503.21	530.00	517.91	2.62	ppb
Selenium	82-1	498.16	499.63	507.09	501.63	0.95	ppb
Silicon	28-1	517.18	526.40	532.09	525.22	1.43	ppb
Silver	109-1	518.01	515.53	514.12	515.89	0.38	ppb
Silver	107-1	513.32	508.06	509.96	510.45	0.52	ppb
Sodium	23-2	259196.31	255862.28	259173.73	258077.44	0.74	ppb
Strontium	86-1	498.93	498.54	496.05	497.84	0.31	ppb
Strontium	88-1	502.52	498.53	504.52	501.86	0.61	ppb
Sulfur	34-1	9942.25	9885.68	9856.05	9894.66	0.44	ppb
Terbium	159-1				105		%
Terbium	159-2				95		%
Thallium	203-1	506.23	502.09	488.66	498.99	1.84	ppb
Thallium	205-1	520.67	519.15	503.57	514.46	1.84	ppb
Thorium	232-1	519.83	517.81	506.85	514.83	1.36	ppb
Tin	118-1	503.05	497.29	495.91	498.75	0.76	ppb
Titanium	47-1	2518.43	2506.04	2513.65	2512.71	0.25	ppb
Uranium	238-1	495.09	492.05	483.28	490.14	1.25	ppb
Vanadium	51-2	504.61	499.64	505.41	503.22	0.62	ppb
Yttrium	89-1				100		%
Yttrium	89-2				94		%

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 13:02:36	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	940.15	926.29	936.22	934.22	0.76	ppb
Zirconium	90-1	487.64	485.07	492.29	488.34	0.75	ppb
Zirconium	91-1	496.96	495.79	501.67	498.14	0.63	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 13:06:13	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.89	5.94	4.70	5.51	12.80	ppb
Antimony	121-1	0.44	0.52	0.53	0.50	10.31	ppb
Arsenic	75-1	0.18	0.19	0.16	0.18	8.22	ppb
Barium	135-1	0.68	0.35	0.33	0.45	43.23	ppb
Barium	137-1	0.48	0.41	0.30	0.40	22.73	ppb
Beryllium	9-1	0.30	0.22	0.17	0.23	27.69	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	24.68	19.80	21.32	21.93	11.38	ppb
Boron	11-1	23.39	22.20	19.82	21.80	8.35	ppb
Cadmium	111-1	0.07	-0.13	-0.18	-0.08		ppb
Cadmium	106-1	-1.41	-2.85	-3.67	-2.64		ppb
Cadmium	108-1	0.20	0.25	0.16	0.20	20.58	ppb
Calcium	43-1	50.54	37.23	39.85	42.54	16.58	ppb
Calcium	44-1	49.38	42.13	37.36	42.96	14.09	ppb
Chromium	52-2	0.10	0.07	0.00	0.05	89.31	ppb
Cobalt	59-2	0.05	0.06	0.05	0.05	3.21	ppb
Copper	63-2	0.17	0.18	0.17	0.17	2.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	16.17	14.37	12.78	14.44	11.74	ppb
Iron	57-2	16.87	13.61	16.25	15.58	11.13	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.13	0.15	0.14	6.49	ppb
Lead	207-1	0.15	0.14	0.12	0.14	13.24	ppb
Lead	208-1	0.15	0.15	0.14	0.15	6.53	ppb
Lithium	6-1				108		%
Magnesium	24-2	27.66	25.99	21.26	24.97	13.28	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 13:06:13	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.15	0.11	0.12	0.13	14.64	ppb
Molybdenum	94-1	1.05	1.05	0.97	1.02	4.55	ppb
Molybdenum	95-1	1.31	1.13	0.95	1.13	16.04	ppb
Molybdenum	96-1	1.25	1.07	0.95	1.09	13.84	ppb
Molybdenum	97-1	1.44	1.03	1.12	1.20	17.96	ppb
Molybdenum	98-1	1.31	1.24	1.07	1.21	9.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	0.01	0.00		ppb
Phosphorus	31-2	-24.97	-13.86	-28.67	-22.50		ppb
Potassium	39-2	10.50	11.66	7.71	9.96	20.37	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	77-2	1.46	0.00	0.00	0.49	173.21	ppb
Selenium	78-2	0.50	-0.24	0.34	0.20	193.14	ppb
Selenium	82-1	0.10	0.50	0.22	0.27	73.86	ppb
Silicon	28-1	2.61	2.45	1.82	2.30	18.13	ppb
Silver	109-1	0.12	0.10	0.09	0.10	15.35	ppb
Silver	107-1	0.09	0.12	0.09	0.10	15.72	ppb
Sodium	23-2	53.20	48.01	40.90	47.37	13.03	ppb
Strontium	86-1	0.05	0.12	0.08	0.08	44.14	ppb
Strontium	88-1	0.10	0.09	0.07	0.09	17.69	ppb
Sulfur	34-1	-833.00	-829.00	-693.18	-785.06		ppb
Terbium	159-1				111		%
Terbium	159-2				102		%
Thallium	203-1	0.31	0.24	0.25	0.27	14.79	ppb
Thallium	205-1	0.29	0.25	0.26	0.26	7.50	ppb
Thorium	232-1	0.14	0.14	0.12	0.14	10.35	ppb
Tin	118-1	0.32	0.31	0.32	0.31	1.25	ppb
Titanium	47-1	0.46	0.45	0.35	0.42	13.96	ppb
Uranium	238-1	0.09	0.08	0.07	0.08	11.26	ppb
Vanadium	51-2	0.07	0.03	0.03	0.04	55.55	ppb
Yttrium	89-1				111		%
Yttrium	89-2				105		%

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 13:06:13	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.02	0.13	0.09	0.06	122.40	ppb
Zirconium	90-1	0.11	0.10	0.08	0.09	16.19	ppb
Zirconium	91-1	0.13	0.14	0.09	0.12	23.55	ppb

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:28:20	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	67	92	72	24.02	cps
Antimony	121-1	42	33	8	28	62.46	cps
Arsenic	75-1	-96	-82	-84	-87	-8.73	cps
Barium	135-1	25	0	42	22	94.38	cps
Barium	137-1	17	75	33	42	72.11	cps
Beryllium	9-1	57	27	47	43	35.25	cps
Bismuth	209-1	4589654	4523186	4571305	4561382	0.75	cps
Bismuth	209-2	3083754	3143746	3148500	3125333	1.15	cps
Boron	10-1	100	133	108	114	15.23	cps
Boron	11-1	717	758	733	736	2.85	cps
Cadmium	111-1	1607	1589	1597	1598	0.56	cps
Cadmium	106-1	2300	2259	2284	2281	0.92	cps
Cadmium	108-1	4	0	8	4	99.96	cps
Calcium	43-1	117	142	133	131	9.75	cps
Calcium	44-1	4342	4192	3776	4104	7.16	cps
Chromium	52-2	353	360	407	373	7.78	cps
Cobalt	59-2	43	20	20	28	48.49	cps
Copper	63-2	303	347	283	311	10.41	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	0	17	0	6	173.21	cps
Erbium	164-2	10	13	23	16	44.60	cps
Gadolinium	160-1	67	25	50	47	44.41	cps
Gadolinium	160-2	83	90	120	98	19.98	cps
Holmium	165-1	6390031	6354540	6430957	6391843	0.60	cps
Holmium	165-2	3944228	4020593	4059113	4007978	1.46	cps
Indium	115-1	4735100	4708739	4757324	4733721	0.51	cps
Indium	115-2	1095700	1110830	1122210	1109580	1.20	cps
Iron	56-2	2184	2228	2361	2258	4.10	cps
Iron	57-2	83	117	94	98	17.29	cps
Krypton	83-1	170	160	123	151	16.26	cps
Lead	206-1	150	111	233	165	37.89	cps
Lead	207-1	133	183	217	178	23.59	cps
Lead	208-1	717	694	817	743	8.77	cps
Lithium	6-1	1868929	1851746	1869954	1863543	0.55	cps
Magnesium	24-2	233	358	283	292	21.57	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:28:20	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13	27	20	20	33.35	cps
Molybdenum	94-1	217	150	158	175	20.76	cps
Molybdenum	95-1	58	50	58	56	8.67	cps
Molybdenum	96-1	83	100	108	97	13.09	cps
Molybdenum	97-1	42	17	8	22	78.07	cps
Molybdenum	98-1	100	75	92	89	14.33	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	70	50	69	26.65	cps
Phosphorus	31-2	83	67	100	83	20.00	cps
Potassium	39-2	10037	9687	10129	9951	2.34	cps
Rhodium	103-1	4321829	4230782	4288484	4280365	1.08	cps
Rhodium	103-2	2144242	2162637	2178211	2161697	0.79	cps
Scandium	45-1	3256342	3210203	3267626	3244724	0.94	cps
Scandium	45-2	145673	149276	150482	148477	1.69	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	31	17	20	23	33.75	cps
Selenium	82-1	18	15	37	23	51.31	cps
Silicon	28-1	95639	96635	93718	95331	1.56	cps
Silver	109-1	17	67	50	44	57.28	cps
Silver	107-1	50	50	33	44	21.66	cps
Sodium	23-2	1784	1750	1934	1822	5.36	cps
Strontium	86-1	242	275	283	267	8.27	cps
Strontium	88-1	308	258	217	261	17.58	cps
Sulfur	34-1	205077	199744	198750	201190	1.69	cps
Terbium	159-1	6679706	6591801	6687105	6652871	0.80	cps
Terbium	159-2	3885898	3964475	3982942	3944438	1.31	cps
Thallium	203-1	83	108	83	92	15.74	cps
Thallium	205-1	175	167	275	206	29.33	cps
Thorium	232-1	67	72	94	78	18.90	cps
Tin	118-1	142	250	200	197	27.49	cps
Titanium	47-1	42	50	125	72	63.55	cps
Uranium	238-1	117	100	75	97	21.57	cps
Vanadium	51-2	7	7	7	7	0.00	cps
Yttrium	89-1	5033497	4993444	5063647	5030196	0.70	cps
Yttrium	89-2	826939	833924	844991	835285	1.09	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:28:20	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	203	187	220	203	8.20	cps
Zirconium	90-1	483	450	475	469	3.70	cps
Zirconium	91-1	33	92	117	81	53.09	cps

LB Number : LB103322 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-10 11:36:12 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1050	1250	1042	1114	10.59	cps
Antimony	121-1	8153	8870	8728	8584	4.42	cps
Arsenic	75-1	592	792	658	680	15.02	cps
Barium	135-1	12306	11764	12556	12209	3.32	cps
Barium	137-1	21559	20457	21092	21036	2.63	cps
Beryllium	9-1	1143	1080	1157	1127	3.64	cps
Bismuth	209-1	4518058	4536132	4467053	4507081	0.79	cps
Bismuth	209-2	3080285	3080449	3093853	3084862	0.25	cps
Boron	10-1	4292	4476	4076	4281	4.68	cps
Boron	11-1	19221	19413	19472	19369	0.68	cps
Cadmium	111-1	2757	2616	3064	2812	8.15	cps
Cadmium	106-1	2334	2284	2625	2414	7.65	cps
Cadmium	108-1	92	100	88	93	6.84	cps
Calcium	43-1	7386	7319	7552	7419	1.62	cps
Calcium	44-1	124302	124781	127261	125448	1.27	cps
Chromium	52-2	3177	3124	3030	3110	2.39	cps
Cobalt	59-2	1897	1980	1957	1945	2.21	cps
Copper	63-2	3100	2927	2940	2989	3.23	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	0	17	11	86.60	cps
Erbium	164-2	23	13	17	18	28.64	cps
Gadolinium	160-1	17	33	67	39	65.47	cps
Gadolinium	160-2	120	137	137	131	7.34	cps
Holmium	165-1	6603987	6599131	6558012	6587043	0.38	cps
Holmium	165-2	3967136	3961288	3992569	3973664	0.42	cps
Indium	115-1	4688688	4657084	4615454	4653742	0.79	cps
Indium	115-2	1089707	1084437	1097892	1090679	0.62	cps
Iron	56-2	63292	63677	64028	63666	0.58	cps
Iron	57-2	1511	1611	1706	1609	6.04	cps
Krypton	83-1	180	140	110	143	24.50	cps
Lead	206-1	4406	4445	4506	4453	1.13	cps
Lead	207-1	3651	3762	3734	3715	1.56	cps
Lead	208-1	17233	17516	17433	17394	0.84	cps
Lithium	6-1	1861575	1851219	1848506	1853767	0.37	cps
Magnesium	24-2	57277	57327	56825	57143	0.48	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:36:12	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	953	840	940	911	6.80	cps
Molybdenum	94-1	9687	8886	9437	9337	4.39	cps
Molybdenum	95-1	11238	12172	11422	11611	4.26	cps
Molybdenum	96-1	12297	13115	12131	12514	4.21	cps
Molybdenum	97-1	7286	7044	7936	7422	6.22	cps
Molybdenum	98-1	18187	18721	18454	18454	1.45	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	577	593	513	561	7.52	cps
Phosphorus	31-2	308	233	208	250	20.82	cps
Potassium	39-2	65160	63906	63981	64349	1.09	cps
Rhodium	103-1	4223263	4208013	4168063	4199780	0.68	cps
Rhodium	103-2	2127311	2131256	2143462	2134010	0.39	cps
Scandium	45-1	3224371	3205654	3186674	3205566	0.59	cps
Scandium	45-2	146374	145977	147472	146608	0.53	cps
Selenium	77-2	40	20	43	34	36.64	cps
Selenium	78-2	126	107	91	108	16.30	cps
Selenium	82-1	442	488	534	488	9.44	cps
Silicon	28-1	123062	124447	122472	123327	0.82	cps
Silver	109-1	5318	4984	5001	5101	3.68	cps
Silver	107-1	5260	5526	5168	5318	3.50	cps
Sodium	23-2	106090	104320	105904	105438	0.92	cps
Strontium	86-1	1984	1684	1633	1767	10.72	cps
Strontium	88-1	13657	13257	13515	13476	1.51	cps
Sulfur	34-1	191676	191971	192199	191948	0.14	cps
Terbium	159-1	6818451	6786602	6748208	6784420	0.52	cps
Terbium	159-2	3911117	3905108	3914261	3910162	0.12	cps
Thallium	203-1	5060	4801	4901	4921	2.65	cps
Thallium	205-1	11864	12181	11739	11928	1.91	cps
Thorium	232-1	18998	19053	18530	18860	1.52	cps
Tin	118-1	19998	20048	19222	19756	2.34	cps
Titanium	47-1	3367	3467	3384	3406	1.57	cps
Uranium	238-1	19182	18889	18906	18992	0.86	cps
Vanadium	51-2	5818	5881	6108	5936	2.57	cps
Yttrium	89-1	5120702	5121276	5071291	5104423	0.56	cps
Yttrium	89-2	823886	821461	829762	825036	0.52	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:36:12	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	675	678	582	645	8.49	cps
Zirconium	90-1	7702	7577	7652	7644	0.82	cps
Zirconium	91-1	1684	1742	1742	1722	1.96	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:40:09	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	51105	50820	50871	50932	0.30	cps
Antimony	121-1	225304	223648	224044	224332	0.39	cps
Arsenic	75-1	46169	46160	46759	46363	0.74	cps
Barium	135-1	313375	309346	309792	310837	0.71	cps
Barium	137-1	543238	536919	537300	539152	0.66	cps
Beryllium	9-1	60453	60423	60225	60367	0.20	cps
Bismuth	209-1	4474042	4462812	4496415	4477756	0.38	cps
Bismuth	209-2	3061327	3060370	3033857	3051852	0.51	cps
Boron	10-1	8970	9036	8653	8886	2.31	cps
Boron	11-1	40305	38893	40121	39773	1.93	cps
Cadmium	111-1	65357	62554	63821	63911	2.20	cps
Cadmium	106-1	9971	8745	9437	9384	6.55	cps
Cadmium	108-1	4788	5063	4763	4872	3.42	cps
Calcium	43-1	78935	77838	79414	78729	1.03	cps
Calcium	44-1	1279109	1266796	1264682	1270195	0.61	cps
Chromium	52-2	69576	68803	69721	69367	0.71	cps
Cobalt	59-2	106154	106862	106147	106388	0.39	cps
Copper	63-2	139053	137202	139022	138426	0.77	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	25	17	8	17	50.01	cps
Erbium	164-2	13	17	23	18	28.64	cps
Gadolinium	160-1	33	33	42	36	13.33	cps
Gadolinium	160-2	127	70	113	103	28.67	cps
Holmium	165-1	6604165	6591208	6601998	6599124	0.11	cps
Holmium	165-2	3935185	3923317	3932013	3930172	0.16	cps
Indium	115-1	4601363	4581080	4594130	4592191	0.22	cps
Indium	115-2	1073331	1068946	1061311	1067863	0.57	cps
Iron	56-2	2971350	2975512	2957672	2968178	0.31	cps
Iron	57-2	75516	74221	75605	75114	1.03	cps
Krypton	83-1	140	127	113	127	10.52	cps
Lead	206-1	220384	216958	217781	218374	0.82	cps
Lead	207-1	201911	199835	199750	200499	0.61	cps
Lead	208-1	900656	891257	893761	895225	0.54	cps
Lithium	6-1	1836004	1821487	1826169	1827887	0.41	cps
Magnesium	24-2	562120	569729	560332	564060	0.88	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:40:09	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	89279	88467	87334	88360	1.11	cps
Molybdenum	94-1	482705	476635	473351	477564	0.99	cps
Molybdenum	95-1	583054	576511	580502	580022	0.57	cps
Molybdenum	96-1	648697	639103	639144	642314	0.86	cps
Molybdenum	97-1	362180	356578	362285	360348	0.91	cps
Molybdenum	98-1	929399	926293	935572	930421	0.51	cps
Neodymium	150-1	20	13	47	27	66.16	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	26918	26487	26107	26504	1.53	cps
Phosphorus	31-2	2517	2442	2692	2550	5.03	cps
Potassium	39-2	299323	297198	294756	297092	0.77	cps
Rhodium	103-1	4122507	4106765	4131097	4120123	0.30	cps
Rhodium	103-2	2086604	2079928	2072912	2079814	0.33	cps
Scandium	45-1	3196688	3157634	3157374	3170565	0.71	cps
Scandium	45-2	144402	143177	141525	143035	1.01	cps
Selenium	77-2	217	187	257	220	15.96	cps
Selenium	78-2	894	750	809	818	8.88	cps
Selenium	82-1	4723	4564	4475	4587	2.73	cps
Silicon	28-1	254752	256157	259352	256754	0.92	cps
Silver	109-1	274690	268309	270917	271305	1.18	cps
Silver	107-1	288135	286136	282216	285495	1.05	cps
Sodium	23-2	1087894	1086331	1082415	1085547	0.26	cps
Strontium	86-1	79177	78774	79344	79098	0.37	cps
Strontium	88-1	694298	691841	694564	693567	0.22	cps
Sulfur	34-1	212865	214116	211523	212834	0.61	cps
Terbium	159-1	6800271	6761995	6806372	6789546	0.35	cps
Terbium	159-2	3877086	3873285	3874873	3875081	0.05	cps
Thallium	203-1	265359	266333	266889	266193	0.29	cps
Thallium	205-1	638199	635201	640140	637847	0.39	cps
Thorium	232-1	1064054	1047128	1048617	1053266	0.89	cps
Tin	118-1	198762	196615	198462	197946	0.59	cps
Titanium	47-1	169251	170196	170163	169870	0.32	cps
Uranium	238-1	997900	985387	985304	989530	0.73	cps
Vanadium	51-2	57749	57552	56970	57423	0.71	cps
Yttrium	89-1	5074051	5020477	5047659	5047396	0.53	cps
Yttrium	89-2	807646	810655	803484	807262	0.45	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:40:09	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	23004	23222	23422	23216	0.90	cps
Zirconium	90-1	407137	398771	401042	402316	1.08	cps
Zirconium	91-1	90745	89581	90124	90150	0.65	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:44:05	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	122186	123263	122247	122565	0.49	cps
Antimony	121-1	574050	582543	570251	575615	1.09	cps
Arsenic	75-1	117867	117418	116959	117415	0.39	cps
Barium	135-1	784989	796141	791087	790739	0.71	cps
Barium	137-1	1362553	1377791	1362233	1367526	0.65	cps
Beryllium	9-1	151749	152408	150455	151537	0.66	cps
Bismuth	209-1	4452052	4476671	4408602	4445775	0.78	cps
Bismuth	209-2	2939630	2993251	3011113	2981332	1.25	cps
Boron	10-1	22284	22643	21675	22200	2.20	cps
Boron	11-1	96038	97941	96960	96980	0.98	cps
Cadmium	111-1	156968	159138	156362	157489	0.93	cps
Cadmium	106-1	20157	20290	19389	19945	2.44	cps
Cadmium	108-1	12552	12339	12130	12340	1.71	cps
Calcium	43-1	196368	195930	193916	195405	0.67	cps
Calcium	44-1	3168157	3193961	3126452	3162857	1.08	cps
Chromium	52-2	172377	170439	169811	170876	0.78	cps
Cobalt	59-2	259315	260011	259256	259527	0.16	cps
Copper	63-2	343659	343241	343080	343327	0.09	cps
Dysprosium	156-1	50	8	8	22	108.27	cps
Dysprosium	156-2	27	33	23	28	18.33	cps
Erbium	164-1	17	42	8	22	78.07	cps
Erbium	164-2	10	10	23	14	53.28	cps
Gadolinium	160-1	50	25	33	36	35.25	cps
Gadolinium	160-2	83	130	87	100	26.03	cps
Holmium	165-1	6587549	6607145	6489644	6561446	0.96	cps
Holmium	165-2	3833893	3908512	3911732	3884712	1.13	cps
Indium	115-1	4479858	4508543	4468613	4485671	0.46	cps
Indium	115-2	1022450	1029411	1040151	1030671	0.87	cps
Iron	56-2	7167714	7181929	7135005	7161549	0.34	cps
Iron	57-2	182115	182120	181221	181819	0.28	cps
Krypton	83-1	190	133	163	162	17.47	cps
Lead	206-1	558412	561325	555999	558579	0.48	cps
Lead	207-1	507191	517395	514636	513074	1.03	cps
Lead	208-1	2280720	2304801	2277259	2287593	0.66	cps
Lithium	6-1	1789891	1785501	1761954	1779116	0.84	cps
Magnesium	24-2	1396990	1387843	1385414	1390082	0.44	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:44:05	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	220820	221490	220834	221048	0.17	cps
Molybdenum	94-1	1212097	1209680	1190504	1204094	0.98	cps
Molybdenum	95-1	1458610	1461112	1438273	1452665	0.86	cps
Molybdenum	96-1	1631690	1625146	1602292	1619709	0.95	cps
Molybdenum	97-1	924773	917023	907321	916372	0.95	cps
Molybdenum	98-1	2358875	2367466	2329282	2351874	0.85	cps
Neodymium	150-1	87	87	93	89	4.33	cps
Neodymium	150-2	17	3	3	8	99.04	cps
Nickel	60-2	65884	65114	64444	65147	1.11	cps
Phosphorus	31-2	6743	6252	6618	6538	3.91	cps
Potassium	39-2	719504	715357	717137	717333	0.29	cps
Rhodium	103-1	4015107	4041553	4008443	4021701	0.44	cps
Rhodium	103-2	1984245	1995124	2004768	1994713	0.51	cps
Scandium	45-1	3090240	3106903	3059257	3085467	0.78	cps
Scandium	45-2	137885	136418	137975	137426	0.64	cps
Selenium	77-2	613	577	490	560	11.31	cps
Selenium	78-2	1930	1859	1998	1929	3.60	cps
Selenium	82-1	11507	11510	11326	11448	0.92	cps
Silicon	28-1	489165	490936	484525	488209	0.68	cps
Silver	109-1	680196	691640	675339	682392	1.23	cps
Silver	107-1	717930	716779	708126	714279	0.75	cps
Sodium	23-2	2661885	2668838	2659433	2663385	0.18	cps
Strontium	86-1	197480	202186	199779	199815	1.18	cps
Strontium	88-1	1729546	1740745	1720960	1730417	0.57	cps
Sulfur	34-1	246565	241205	241908	243226	1.20	cps
Terbium	159-1	6769598	6843976	6713191	6775588	0.97	cps
Terbium	159-2	3774281	3828092	3834044	3812139	0.86	cps
Thallium	203-1	677899	681269	683608	680925	0.42	cps
Thallium	205-1	1623234	1632032	1626510	1627259	0.27	cps
Thorium	232-1	2743094	2749834	2731682	2741537	0.33	cps
Tin	118-1	497037	501381	498499	498972	0.44	cps
Titanium	47-1	422359	424445	420750	422518	0.44	cps
Uranium	238-1	2685115	2697472	2687986	2690191	0.24	cps
Vanadium	51-2	141598	142301	141837	141912	0.25	cps
Yttrium	89-1	4983470	4987678	4891348	4954165	1.10	cps
Yttrium	89-2	775721	776265	785892	779293	0.73	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:44:05	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	57394	57521	57461	57459	0.11	cps
Zirconium	90-1	1020384	1022402	1012743	1018510	0.50	cps
Zirconium	91-1	229527	231532	228105	229721	0.75	cps

LB Number : LB103322 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-10 11:47:58 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233885	231869	232006	232587	0.48	cps
Antimony	121-1	1107644	1092355	1098578	1099525	0.70	cps
Arsenic	75-1	219312	217894	216746	217984	0.59	cps
Barium	135-1	1531378	1508797	1506785	1515653	0.90	cps
Barium	137-1	2640434	2606158	2605407	2617333	0.76	cps
Beryllium	9-1	283062	279110	277848	280007	0.97	cps
Bismuth	209-1	4327585	4306831	4321227	4318548	0.25	cps
Bismuth	209-2	2876931	2906534	2951182	2911549	1.28	cps
Boron	10-1	40764	41107	43254	41708	3.24	cps
Boron	11-1	182725	182556	183248	182843	0.20	cps
Cadmium	111-1	300566	298805	298747	299372	0.35	cps
Cadmium	106-1	37166	35403	35187	35919	3.02	cps
Cadmium	108-1	23495	23499	22335	23109	2.90	cps
Calcium	43-1	364211	363015	355523	360916	1.30	cps
Calcium	44-1	5901538	5853655	5803790	5852994	0.84	cps
Chromium	52-2	315691	316385	317102	316393	0.22	cps
Cobalt	59-2	475887	478696	482399	478994	0.68	cps
Copper	63-2	621063	627842	626918	625274	0.59	cps
Dysprosium	156-1	8	42	25	25	66.68	cps
Dysprosium	156-2	30	40	47	39	21.57	cps
Erbium	164-1	25	50	17	31	56.77	cps
Erbium	164-2	17	20	10	16	32.73	cps
Gadolinium	160-1	50	25	33	36	35.25	cps
Gadolinium	160-2	107	123	137	122	12.30	cps
Holmium	165-1	6426968	6431141	6402108	6420072	0.24	cps
Holmium	165-2	3770504	3798707	3844924	3804712	0.99	cps
Indium	115-1	4240473	4258105	4272501	4257026	0.38	cps
Indium	115-2	979045	983652	998994	987230	1.06	cps
Iron	56-2	13304210	13387260	13358781	13350084	0.32	cps
Iron	57-2	336870	339444	342246	339520	0.79	cps
Krypton	83-1	137	123	143	134	7.57	cps
Lead	206-1	1095342	1091283	1090095	1092240	0.25	cps
Lead	207-1	1012722	1013374	1000209	1008768	0.74	cps
Lead	208-1	4515333	4499560	4452224	4489039	0.73	cps
Lithium	6-1	1662471	1656616	1659725	1659604	0.18	cps
Magnesium	24-2	2570184	2593895	2587144	2583741	0.47	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:47:58	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	408647	411809	411990	410815	0.46	cps
Molybdenum	94-1	2271289	2265986	2255454	2264243	0.36	cps
Molybdenum	95-1	2745471	2710960	2712763	2723065	0.71	cps
Molybdenum	96-1	3048319	3033404	3019632	3033785	0.47	cps
Molybdenum	97-1	1726714	1707067	1711213	1714998	0.60	cps
Molybdenum	98-1	4438447	4396501	4372975	4402641	0.75	cps
Neodymium	150-1	180	80	167	142	38.18	cps
Neodymium	150-2	17	3	20	13	66.16	cps
Nickel	60-2	120335	120614	119781	120243	0.35	cps
Phosphorus	31-2	11713	11922	11855	11830	0.90	cps
Potassium	39-2	1312904	1327108	1319484	1319832	0.54	cps
Rhodium	103-1	3717355	3714446	3713522	3715107	0.05	cps
Rhodium	103-2	1871699	1889021	1923087	1894602	1.38	cps
Scandium	45-1	2835378	2819738	2826434	2827183	0.28	cps
Scandium	45-2	129109	128693	129712	129171	0.40	cps
Selenium	77-2	957	1077	1060	1031	6.30	cps
Selenium	78-2	3567	3450	3486	3501	1.71	cps
Selenium	82-1	21528	21241	21177	21315	0.88	cps
Silicon	28-1	826063	821450	812963	820159	0.81	cps
Silver	109-1	1286391	1269892	1268546	1274943	0.78	cps
Silver	107-1	1341128	1328901	1326913	1332314	0.58	cps
Sodium	23-2	4983040	5022387	4994126	4999851	0.41	cps
Strontium	86-1	375986	372974	370128	373029	0.79	cps
Strontium	88-1	3274221	3253021	3252255	3259832	0.38	cps
Sulfur	34-1	282211	285292	280129	282544	0.92	cps
Terbium	159-1	6505002	6513255	6553416	6523891	0.40	cps
Terbium	159-2	3691232	3732324	3797076	3740211	1.43	cps
Thallium	203-1	1343677	1331763	1320660	1332034	0.86	cps
Thallium	205-1	3178269	3167374	3160790	3168811	0.28	cps
Thorium	232-1	5496786	5442190	5425436	5454804	0.68	cps
Tin	118-1	966796	951198	952278	956757	0.91	cps
Titanium	47-1	793586	778641	781654	784627	1.01	cps
Uranium	238-1	5306506	5208093	5249082	5254560	0.94	cps
Vanadium	51-2	263747	266646	264304	264899	0.58	cps
Yttrium	89-1	4654177	4626974	4639196	4640116	0.29	cps
Yttrium	89-2	738982	741094	756117	745398	1.25	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:47:58	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	105051	105627	104658	105112	0.46	cps
Zirconium	90-1	1950267	1916147	1923877	1930097	0.93	cps
Zirconium	91-1	437645	431829	432294	433923	0.74	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:51:49	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	436823	435353	443776	438651	1.03	cps
Antimony	121-1	2119284	2103745	2098523	2107184	0.51	cps
Arsenic	75-1	410812	413678	413756	412749	0.41	cps
Barium	135-1	2880298	2892088	2881195	2884527	0.23	cps
Barium	137-1	5063946	5092135	5085498	5080526	0.29	cps
Beryllium	9-1	524666	526507	526788	525987	0.22	cps
Bismuth	209-1	4263085	4333167	4304735	4300329	0.82	cps
Bismuth	209-2	2794075	2838155	2854033	2828754	1.10	cps
Boron	10-1	77850	81168	80297	79772	2.16	cps
Boron	11-1	338971	347524	346372	344289	1.35	cps
Cadmium	111-1	564390	567649	565937	565992	0.29	cps
Cadmium	106-1	66347	66021	66490	66286	0.36	cps
Cadmium	108-1	43500	43646	43876	43674	0.43	cps
Calcium	43-1	680006	693242	683116	685455	1.01	cps
Calcium	44-1	11082493	11120077	11061745	11088105	0.27	cps
Chromium	52-2	600626	598260	608749	602545	0.91	cps
Cobalt	59-2	897204	897259	914199	902888	1.08	cps
Copper	63-2	1150740	1155175	1177369	1161095	1.23	cps
Dysprosium	156-1	25	33	58	39	44.62	cps
Dysprosium	156-2	53	60	83	66	24.04	cps
Erbium	164-1	33	25	8	22	57.29	cps
Erbium	164-2	13	20	20	18	21.66	cps
Gadolinium	160-1	33	33	92	53	63.82	cps
Gadolinium	160-2	110	127	103	113	10.60	cps
Holmium	165-1	6439211	6493104	6431627	6454647	0.52	cps
Holmium	165-2	3692480	3752549	3784985	3743338	1.25	cps
Indium	115-1	4162785	4218665	4183047	4188165	0.68	cps
Indium	115-2	950138	948635	964215	954329	0.90	cps
Iron	56-2	25302610	25238464	25788323	25443132	1.18	cps
Iron	57-2	635474	636897	653969	642113	1.60	cps
Krypton	83-1	113	133	143	130	11.75	cps
Lead	206-1	2074039	2088521	2086515	2083025	0.38	cps
Lead	207-1	1932108	1941871	1933522	1935833	0.27	cps
Lead	208-1	8598148	8620731	8599089	8605989	0.15	cps
Lithium	6-1	1622204	1633341	1633199	1629582	0.39	cps
Magnesium	24-2	4876344	4874674	4956667	4902562	0.96	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:51:49	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	757763	758588	777475	764608	1.46	cps
Molybdenum	94-1	4338270	4337716	4314316	4330101	0.32	cps
Molybdenum	95-1	5243979	5269485	5301457	5271641	0.55	cps
Molybdenum	96-1	5869976	5879279	5900541	5883265	0.27	cps
Molybdenum	97-1	3231791	3238830	3252181	3240934	0.32	cps
Molybdenum	98-1	8405273	8456046	8495862	8452394	0.54	cps
Neodymium	150-1	253	267	267	262	2.94	cps
Neodymium	150-2	43	33	37	38	13.48	cps
Nickel	60-2	220631	224503	228605	224580	1.78	cps
Phosphorus	31-2	23428	22526	23561	23171	2.43	cps
Potassium	39-2	2500623	2484520	2535127	2506757	1.03	cps
Rhodium	103-1	3603862	3636462	3621424	3620582	0.45	cps
Rhodium	103-2	1813619	1809274	1843274	1822056	1.02	cps
Scandium	45-1	2754879	2793274	2789707	2779287	0.76	cps
Scandium	45-2	126252	125036	128293	126527	1.30	cps
Selenium	77-2	2037	1954	1947	1979	2.53	cps
Selenium	78-2	6668	6535	6624	6609	1.03	cps
Selenium	82-1	40218	40866	40476	40520	0.81	cps
Silicon	28-1	1560225	1579959	1579101	1573095	0.71	cps
Silver	109-1	2389561	2397860	2391131	2392851	0.18	cps
Silver	107-1	2482411	2498179	2486558	2489049	0.33	cps
Sodium	23-2	9496715	9440083	9627750	9521516	1.01	cps
Strontium	86-1	722681	722698	719301	721560	0.27	cps
Strontium	88-1	6280544	6329126	6322152	6310608	0.42	cps
Sulfur	34-1	391276	395420	392343	393013	0.55	cps
Terbium	159-1	6542667	6635592	6644438	6607566	0.85	cps
Terbium	159-2	3635555	3658467	3701796	3665273	0.92	cps
Thallium	203-1	2552142	2576724	2568947	2565937	0.49	cps
Thallium	205-1	6209022	6256555	6275777	6247118	0.55	cps
Thorium	232-1	10640478	10735691	10673231	10683133	0.45	cps
Tin	118-1	1834110	1839284	1824659	1832684	0.40	cps
Titanium	47-1	1479826	1489753	1492982	1487521	0.46	cps
Uranium	238-1	10004587	10090840	10061324	10052251	0.44	cps
Vanadium	51-2	500239	501861	512608	504903	1.33	cps
Yttrium	89-1	4584776	4599028	4629650	4604485	0.50	cps
Yttrium	89-2	722983	720472	736497	726651	1.19	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:51:49	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	193294	193179	198999	195157	1.70	cps
Zirconium	90-1	3671212	3692899	3655828	3673313	0.51	cps
Zirconium	91-1	827160	829343	829334	828612	0.15	cps

LB Number : LB103322 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-10 11:55:39 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	869750	890290	893657	884566	1.46	cps
Antimony	121-1	4175207	4136260	4185192	4165553	0.62	cps
Arsenic	75-1	823233	818002	822300	821178	0.34	cps
Barium	135-1	5807030	5783513	5867177	5819240	0.74	cps
Barium	137-1	10207986	10152890	10266574	10209150	0.56	cps
Beryllium	9-1	1024811	1014719	1022017	1020516	0.51	cps
Bismuth	209-1	4168068	4245452	4253284	4222268	1.12	cps
Bismuth	209-2	2791404	2843287	2850548	2828413	1.14	cps
Boron	10-1	151696	154550	157334	154527	1.82	cps
Boron	11-1	670963	671425	679125	673837	0.68	cps
Cadmium	111-1	1174104	1163437	1179087	1172209	0.68	cps
Cadmium	106-1	135366	135011	138639	136339	1.47	cps
Cadmium	108-1	89841	90532	89903	90092	0.42	cps
Calcium	43-1	1352226	1362462	1361150	1358613	0.41	cps
Calcium	44-1	22005615	22034799	22168595	22069670	0.39	cps
Chromium	52-2	1199448	1213842	1220692	1211327	0.90	cps
Cobalt	59-2	1778370	1807070	1809399	1798280	0.96	cps
Copper	63-2	2544498	2583509	2599002	2575669	1.09	cps
Dysprosium	156-1	75	75	158	103	46.81	cps
Dysprosium	156-2	143	130	117	130	10.26	cps
Erbium	164-1	58	25	33	39	44.62	cps
Erbium	164-2	10	17	20	16	32.73	cps
Gadolinium	160-1	75	33	58	56	37.75	cps
Gadolinium	160-2	127	113	123	121	5.73	cps
Holmium	165-1	6449227	6571946	6642367	6554513	1.49	cps
Holmium	165-2	3802134	3860618	3846371	3836374	0.79	cps
Indium	115-1	4068855	4152246	4163305	4128135	1.25	cps
Indium	115-2	942702	959224	948305	950077	0.88	cps
Iron	56-2	50453868	51418841	51578196	51150302	1.19	cps
Iron	57-2	1268131	1296155	1303689	1289325	1.45	cps
Krypton	83-1	127	127	150	134	10.02	cps
Lead	206-1	4123871	4106041	4136126	4122013	0.37	cps
Lead	207-1	3817786	3822387	3845707	3828627	0.39	cps
Lead	208-1	17167657	17101844	17246991	17172164	0.42	cps
Lithium	6-1	1585874	1604936	1614819	1601876	0.92	cps
Magnesium	24-2	9842268	9999143	10035438	9958950	1.03	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:55:39	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1544848	1582781	1591585	1573071	1.58	cps
Molybdenum	94-1	8733547	8691101	8701487	8708712	0.25	cps
Molybdenum	95-1	10615100	10567934	10589796	10590943	0.22	cps
Molybdenum	96-1	11800256	11741559	11804167	11781994	0.30	cps
Molybdenum	97-1	6585033	6562152	6557696	6568294	0.22	cps
Molybdenum	98-1	17035421	16880312	17060934	16992222	0.58	cps
Neodymium	150-1	620	580	580	593	3.89	cps
Neodymium	150-2	57	83	87	76	21.76	cps
Nickel	60-2	440956	448537	449933	446475	1.08	cps
Phosphorus	31-2	45629	46808	46515	46317	1.32	cps
Potassium	39-2	5025021	5126113	5128406	5093180	1.16	cps
Rhodium	103-1	3492372	3531477	3570809	3531553	1.11	cps
Rhodium	103-2	1808310	1831634	1822878	1820941	0.65	cps
Scandium	45-1	2740604	2774043	2801864	2772170	1.11	cps
Scandium	45-2	129402	130371	128851	129541	0.59	cps
Selenium	77-2	3751	3997	3957	3902	3.39	cps
Selenium	78-2	13390	13234	13688	13437	1.72	cps
Selenium	82-1	79260	78867	78828	78985	0.30	cps
Silicon	28-1	2984819	2961141	2994555	2980171	0.58	cps
Silver	109-1	4930039	4938605	4970816	4946487	0.43	cps
Silver	107-1	5195213	5161839	5245287	5200780	0.81	cps
Sodium	23-2	19091082	19380262	19496784	19322709	1.08	cps
Strontium	86-1	1413826	1411095	1418224	1414381	0.25	cps
Strontium	88-1	12592160	12483831	12646294	12574095	0.66	cps
Sulfur	34-1	642570	635325	637087	638327	0.59	cps
Terbium	159-1	6587225	6669995	6731532	6662917	1.09	cps
Terbium	159-2	3716340	3744288	3738947	3733192	0.40	cps
Thallium	203-1	5128457	5122464	5184568	5145163	0.67	cps
Thallium	205-1	12439705	12438130	12546374	12474736	0.50	cps
Thorium	232-1	21519658	21505436	21720609	21581901	0.56	cps
Tin	118-1	3559671	3557405	3588254	3568443	0.48	cps
Titanium	47-1	2962377	2947856	2964098	2958110	0.30	cps
Uranium	238-1	21318073	21241234	21238305	21265871	0.21	cps
Vanadium	51-2	1012012	1028564	1035479	1025352	1.18	cps
Yttrium	89-1	4546228	4638409	4675284	4619974	1.44	cps
Yttrium	89-2	733922	749837	741272	741677	1.07	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:55:39	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	427409	435756	439002	434056	1.38	cps
Zirconium	90-1	7446173	7433685	7463999	7447953	0.20	cps
Zirconium	91-1	1655146	1637122	1645813	1646027	0.55	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:59:26	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4769216	4858278	4865982	4831159	1.11	cps
Antimony	121-1	6010	6118	6277	6135	2.19	cps
Arsenic	75-1	1077	1443	1018	1179	19.53	cps
Barium	135-1	1467	1358	1317	1381	5.61	cps
Barium	137-1	2334	2175	2200	2236	3.81	cps
Beryllium	9-1	377	377	400	384	3.50	cps
Bismuth	209-1	3725808	3719753	3732906	3726156	0.18	cps
Bismuth	209-2	2484013	2513520	2515315	2504283	0.70	cps
Boron	10-1	7919	7652	6977	7516	6.46	cps
Boron	11-1	36854	34407	31776	34346	7.39	cps
Cadmium	111-1	1702	1629	1723	1685	2.93	cps
Cadmium	106-1	2025	1959	2092	2025	3.29	cps
Cadmium	108-1	46	13	42	33	54.49	cps
Calcium	43-1	6668422	6740563	6821781	6743588	1.14	cps
Calcium	44-1	108218682	109136740	111266865	109540762	1.43	cps
Chromium	52-2	9930	9933	9913	9926	0.11	cps
Cobalt	59-2	21723	22254	22381	22119	1.58	cps
Copper	63-2	3104	3294	3320	3239	3.65	cps
Dysprosium	156-1	67	25	83	58	51.51	cps
Dysprosium	156-2	20	23	40	28	38.58	cps
Erbium	164-1	25	42	33	33	25.01	cps
Erbium	164-2	17	30	17	21	36.45	cps
Gadolinium	160-1	83	92	67	81	15.80	cps
Gadolinium	160-2	127	110	123	120	7.35	cps
Holmium	165-1	6249494	6259481	6319047	6276007	0.60	cps
Holmium	165-2	3698658	3701112	3720991	3706921	0.33	cps
Indium	115-1	3950109	3950344	4027131	3975861	1.12	cps
Indium	115-2	943264	953754	958569	951862	0.82	cps
Iron	56-2	255429050	259277389	260649367	258451935	1.05	cps
Iron	57-2	6345024	6462214	6497145	6434794	1.24	cps
Krypton	83-1	140	123	157	140	11.90	cps
Lead	206-1	4623	5051	4579	4751	5.49	cps
Lead	207-1	3990	3890	4279	4053	4.98	cps
Lead	208-1	18600	18333	18628	18520	0.88	cps
Lithium	6-1	1588552	1607199	1637533	1611095	1.53	cps
Magnesium	24-2	50928739	52059888	52115651	51701426	1.30	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:59:26	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6522	6488	6615	6542	1.00	cps
Molybdenum	94-1	6152	5843	5543	5846	5.21	cps
Molybdenum	95-1	9370	8595	8194	8720	6.86	cps
Molybdenum	96-1	12731	12122	12114	12322	2.87	cps
Molybdenum	97-1	5426	4934	5009	5123	5.17	cps
Molybdenum	98-1	13499	13423	12990	13304	2.06	cps
Neodymium	150-1	67	133	100	100	33.33	cps
Neodymium	150-2	50	63	57	57	11.76	cps
Nickel	60-2	5641	6028	6238	5969	5.07	cps
Phosphorus	31-2	50	83	83	72	26.65	cps
Potassium	39-2	26664289	27127289	27239096	27010225	1.13	cps
Rhodium	103-1	3281334	3322142	3346651	3316709	0.99	cps
Rhodium	103-2	1690976	1724975	1738477	1718143	1.42	cps
Scandium	45-1	2822985	2847657	2908315	2859652	1.54	cps
Scandium	45-2	137663	138789	140034	138828	0.85	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	20	35	46	34	38.31	cps
Selenium	82-1	88	98	64	83	20.62	cps
Silicon	28-1	496055	515618	528825	513499	3.21	cps
Silver	109-1	950	617	617	728	26.45	cps
Silver	107-1	825	750	817	797	5.16	cps
Sodium	23-2	100292296	101705225	102552984	101516835	1.12	cps
Strontium	86-1	5835	6052	5960	5949	1.83	cps
Strontium	88-1	51243	50406	51075	50908	0.87	cps
Sulfur	34-1	158922	161921	168483	163109	3.00	cps
Terbium	159-1	6401781	6392693	6465367	6419947	0.62	cps
Terbium	159-2	3595198	3624215	3634203	3617872	0.56	cps
Thallium	203-1	1875	1725	1725	1775	4.88	cps
Thallium	205-1	4659	4384	4042	4362	7.09	cps
Thorium	232-1	5885	5462	4701	5349	11.22	cps
Tin	118-1	3117	2550	2884	2850	9.99	cps
Titanium	47-1	1734	1734	1884	1784	4.86	cps
Uranium	238-1	3576	3242	3376	3398	4.94	cps
Vanadium	51-2	183	257	233	224	16.69	cps
Yttrium	89-1	4492885	4571456	4635419	4566587	1.56	cps
Yttrium	89-2	748870	760423	766308	758534	1.17	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 11:59:26	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3439	3446	3699	3528	4.20	cps
Zirconium	90-1	3234	2609	2717	2853	11.71	cps
Zirconium	91-1	517	675	550	581	14.38	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:03:59	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25915	25748	27610	26424	3.90	cps
Antimony	121-1	923840	921694	911964	919166	0.69	cps
Arsenic	75-1	196248	199035	195554	196945	0.94	cps
Barium	135-1	129288	128321	126504	128038	1.10	cps
Barium	137-1	223711	225040	223300	224017	0.41	cps
Beryllium	9-1	124411	124999	124817	124742	0.24	cps
Bismuth	209-1	4723503	4707036	4725458	4718666	0.21	cps
Bismuth	209-2	3188040	3184865	3204186	3192364	0.32	cps
Boron	10-1	3709	3192	3000	3300	11.10	cps
Boron	11-1	14574	14774	13357	14235	5.39	cps
Cadmium	111-1	129185	129290	128551	129009	0.31	cps
Cadmium	106-1	13123	13215	12981	13107	0.90	cps
Cadmium	108-1	10767	10250	10304	10440	2.72	cps
Calcium	43-1	34742	34558	34291	34530	0.66	cps
Calcium	44-1	563086	553074	552521	556227	1.07	cps
Chromium	52-2	144183	142385	142211	142927	0.76	cps
Cobalt	59-2	219972	220646	220798	220472	0.20	cps
Copper	63-2	146588	146397	144831	145939	0.66	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	83	50	25	53	55.46	cps
Erbium	164-2	47	17	23	29	54.53	cps
Gadolinium	160-1	42	25	58	42	40.00	cps
Gadolinium	160-2	147	110	107	121	18.33	cps
Holmium	165-1	7069883	7052012	7056762	7059552	0.13	cps
Holmium	165-2	4129144	4120151	4135714	4128336	0.19	cps
Indium	115-1	4989112	5028909	4975754	4997925	0.55	cps
Indium	115-2	1147238	1145734	1148694	1147222	0.13	cps
Iron	56-2	1271438	1248670	1261704	1260604	0.91	cps
Iron	57-2	31785	31440	31172	31466	0.98	cps
Krypton	83-1	183	180	133	166	16.88	cps
Lead	206-1	897506	889539	895229	894091	0.46	cps
Lead	207-1	797616	791080	793643	794113	0.41	cps
Lead	208-1	3594803	3590911	3586046	3590587	0.12	cps
Lithium	6-1	2037217	2024035	2024391	2028548	0.37	cps
Magnesium	24-2	149058	147739	145928	147575	1.06	cps

LB Number : LB103322 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-10 12:03:59 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	91358	90872	91700	91310	0.46	cps
Molybdenum	94-1	3334952	3325650	3315162	3325255	0.30	cps
Molybdenum	95-1	5981686	5931974	5905487	5939715	0.65	cps
Molybdenum	96-1	6396630	6348768	6309658	6351685	0.69	cps
Molybdenum	97-1	3644375	3610832	3587816	3614341	0.79	cps
Molybdenum	98-1	9565322	9517564	9496256	9526381	0.37	cps
Neodymium	150-1	27	7	13	16	65.47	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	56362	55260	56054	55892	1.02	cps
Phosphorus	31-2	175	125	117	139	22.72	cps
Potassium	39-2	259406	248660	254388	254151	2.12	cps
Rhodium	103-1	4437331	4410095	4385356	4410927	0.59	cps
Rhodium	103-2	2229723	2210025	2214552	2218100	0.47	cps
Scandium	45-1	3546885	3491978	3491248	3510037	0.91	cps
Scandium	45-2	158251	157429	158766	158148	0.43	cps
Selenium	77-2	967	843	817	876	9.14	cps
Selenium	78-2	3202	3150	3174	3176	0.82	cps
Selenium	82-1	19200	18977	18602	18926	1.60	cps
Silicon	28-1	124254	124624	127868	125582	1.58	cps
Silver	109-1	564911	558224	551390	558175	1.21	cps
Silver	107-1	583581	581663	581696	582313	0.19	cps
Sodium	23-2	480380	474490	467973	474281	1.31	cps
Strontium	86-1	4251	3951	4092	4098	3.66	cps
Strontium	88-1	32905	33139	33390	33145	0.73	cps
Sulfur	34-1	191685	186062	190191	189313	1.54	cps
Terbium	159-1	7283908	7261035	7264134	7269692	0.17	cps
Terbium	159-2	4084937	4064419	4080354	4076570	0.26	cps
Thallium	203-1	1091918	1090662	1085261	1089280	0.32	cps
Thallium	205-1	2601310	2588667	2594399	2594792	0.24	cps
Thorium	232-1	2356	2339	2289	2328	1.49	cps
Tin	118-1	700	600	608	636	8.72	cps
Titanium	47-1	1776375	1777188	1758335	1770633	0.60	cps
Uranium	238-1	383	400	275	353	19.24	cps
Vanadium	51-2	120013	119462	118582	119352	0.60	cps
Yttrium	89-1	5533371	5549706	5501122	5528066	0.45	cps
Yttrium	89-2	872612	868745	864464	868607	0.47	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:03:59	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	48874	48490	47714	48359	1.22	cps
Zirconium	90-1	2159	1859	1575	1864	15.65	cps
Zirconium	91-1	533	550	533	539	1.79	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:09:09	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	83	58	81	26.03	cps
Antimony	121-1	742	800	1017	853	16.99	cps
Arsenic	75-1	-78	-100	-102	-93	-14.50	cps
Barium	135-1	83	67	33	61	41.67	cps
Barium	137-1	50	92	67	69	30.20	cps
Beryllium	9-1	147	97	117	120	20.97	cps
Bismuth	209-1	4849999	4588262	4725390	4721217	2.77	cps
Bismuth	209-2	3152080	3193580	3195401	3180354	0.77	cps
Boron	10-1	1725	2042	1800	1856	8.92	cps
Boron	11-1	8052	7786	7819	7886	1.84	cps
Cadmium	111-1	1477	1584	1439	1500	5.03	cps
Cadmium	106-1	2050	2234	2034	2106	5.27	cps
Cadmium	108-1	0	13	8	7	91.66	cps
Calcium	43-1	192	100	133	142	32.75	cps
Calcium	44-1	4976	4709	4601	4762	4.05	cps
Chromium	52-2	363	400	423	396	7.65	cps
Cobalt	59-2	50	47	33	43	20.36	cps
Copper	63-2	283	330	383	332	15.06	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	8	17	19	65.47	cps
Erbium	164-2	10	7	13	10	33.30	cps
Gadolinium	160-1	17	25	42	28	45.82	cps
Gadolinium	160-2	113	133	100	116	14.52	cps
Holmium	165-1	7068546	6978319	6885255	6977373	1.31	cps
Holmium	165-2	4086301	4139670	4150172	4125381	0.83	cps
Indium	115-1	5039793	4982899	4915203	4979299	1.25	cps
Indium	115-2	1141662	1162633	1157552	1153949	0.95	cps
Iron	56-2	3778	4912	4101	4264	13.70	cps
Iron	57-2	139	283	178	200	37.37	cps
Krypton	83-1	187	127	140	151	20.85	cps
Lead	206-1	356	328	244	309	18.70	cps
Lead	207-1	239	228	289	252	12.92	cps
Lead	208-1	1339	1361	1117	1272	10.63	cps
Lithium	6-1	2043942	2014745	1981899	2013529	1.54	cps
Magnesium	24-2	458	625	533	539	15.49	cps

LB Number : LB103322 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-10 12:09:09 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	23	73	50	50.34	cps
Molybdenum	94-1	1067	1033	858	986	11.35	cps
Molybdenum	95-1	1742	1308	1200	1417	20.23	cps
Molybdenum	96-1	1942	1617	1608	1722	11.04	cps
Molybdenum	97-1	1075	850	808	911	15.75	cps
Molybdenum	98-1	2542	2384	1967	2298	12.93	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	67	80	57	68	17.27	cps
Phosphorus	31-2	133	75	100	103	28.48	cps
Potassium	39-2	10179	10412	10254	10282	1.16	cps
Rhodium	103-1	4587820	4410772	4337697	4445430	2.89	cps
Rhodium	103-2	2230931	2272253	2265642	2256276	0.98	cps
Scandium	45-1	3550135	3462031	3442711	3484959	1.64	cps
Scandium	45-2	157831	160609	161004	159815	1.08	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	30	35	22	29	22.43	cps
Selenium	82-1	24	77	35	46	60.90	cps
Silicon	28-1	108239	106503	106939	107227	0.84	cps
Silver	109-1	200	108	92	133	43.75	cps
Silver	107-1	158	75	150	128	35.92	cps
Sodium	23-2	4459	4693	4751	4634	3.33	cps
Strontium	86-1	342	292	192	275	27.77	cps
Strontium	88-1	283	350	233	289	20.26	cps
Sulfur	34-1	196646	197636	196833	197039	0.27	cps
Terbium	159-1	7353133	7214402	7111173	7226236	1.68	cps
Terbium	159-2	4025853	4086612	4052153	4054873	0.75	cps
Thallium	203-1	550	533	742	608	19.03	cps
Thallium	205-1	1542	1258	1350	1383	10.45	cps
Thorium	232-1	533	550	606	563	6.72	cps
Tin	118-1	342	383	408	378	8.92	cps
Titanium	47-1	208	150	192	183	16.39	cps
Uranium	238-1	133	125	175	144	18.54	cps
Vanadium	51-2	13	13	0	9	86.60	cps
Yttrium	89-1	5576792	5481114	5432388	5496765	1.34	cps
Yttrium	89-2	873672	880404	882764	878947	0.54	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:09:09	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	170	217	213	200	13.00	cps
Zirconium	90-1	442	542	417	467	14.18	cps
Zirconium	91-1	150	108	92	117	25.76	cps

LB Number : LB103322 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-10 12:12:45 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4421312	4405248	4432703	4419754	0.31	cps
Antimony	121-1	5276	5076	4901	5084	3.69	cps
Arsenic	75-1	1058	1315	1557	1310	19.05	cps
Barium	135-1	1984	1792	1692	1822	8.13	cps
Barium	137-1	3267	2975	3326	3189	5.88	cps
Beryllium	9-1	373	417	367	386	7.04	cps
Bismuth	209-1	4280137	4290055	4271486	4280559	0.22	cps
Bismuth	209-2	2886331	2920821	2861625	2889592	1.03	cps
Boron	10-1	1242	1142	1350	1245	8.37	cps
Boron	11-1	5601	5435	5243	5426	3.31	cps
Cadmium	111-1	2134	1947	2084	2055	4.72	cps
Cadmium	106-1	1975	1850	1925	1917	3.28	cps
Cadmium	108-1	1283	1367	1342	1331	3.21	cps
Calcium	43-1	1490643	1499027	1503527	1497732	0.44	cps
Calcium	44-1	24291482	24282682	24438478	24337547	0.36	cps
Chromium	52-2	27325	26748	26992	27022	1.07	cps
Cobalt	59-2	2290	2477	2467	2411	4.36	cps
Copper	63-2	10014	10407	10484	10302	2.45	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	17	33	7	19	71.30	cps
Erbium	164-1	17	17	42	25	57.73	cps
Erbium	164-2	33	33	10	26	52.71	cps
Gadolinium	160-1	8	33	8	17	86.62	cps
Gadolinium	160-2	127	140	123	130	6.78	cps
Holmium	165-1	6849036	6834925	6874695	6852886	0.29	cps
Holmium	165-2	4049397	4101677	3954475	4035183	1.85	cps
Indium	115-1	4468326	4490319	4458959	4472535	0.36	cps
Indium	115-2	1052738	1063955	1037642	1051445	1.26	cps
Iron	56-2	110839500	109654627	110924733	110472953	0.64	cps
Iron	57-2	2761541	2764420	2789129	2771697	0.55	cps
Krypton	83-1	180	167	143	163	11.36	cps
Lead	206-1	19081	19965	19537	19528	2.27	cps
Lead	207-1	15804	16110	15982	15965	0.96	cps
Lead	208-1	74115	75423	74638	74726	0.88	cps
Lithium	6-1	1787332	1789313	1794922	1790522	0.22	cps
Magnesium	24-2	10791791	10699515	10746179	10745828	0.43	cps

LB Number : LB103322 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-10 12:12:45 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7125	6905	6815	6948	2.30	cps
Molybdenum	94-1	2460831	2489597	2475227	2475218	0.58	cps
Molybdenum	95-1	4317842	4365991	4362913	4348916	0.62	cps
Molybdenum	96-1	4707770	4765695	4775812	4749759	0.77	cps
Molybdenum	97-1	2705279	2724531	2716813	2715541	0.36	cps
Molybdenum	98-1	7054537	7115856	7151876	7107423	0.69	cps
Neodymium	150-1	20	20	40	27	43.30	cps
Neodymium	150-2	7	10	17	11	45.82	cps
Nickel	60-2	2800	2737	2650	2729	2.76	cps
Phosphorus	31-2	242965	242905	245596	243822	0.63	cps
Potassium	39-2	10986146	10925554	11026303	10979334	0.46	cps
Rhodium	103-1	3819478	3844887	3860308	3841558	0.54	cps
Rhodium	103-2	1987222	2016785	1957038	1987015	1.50	cps
Scandium	45-1	3153743	3145203	3152671	3150539	0.15	cps
Scandium	45-2	147567	148603	142692	146287	2.16	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	20	30	46	32	40.94	cps
Selenium	82-1	36	12	41	30	51.16	cps
Silicon	28-1	153986	154035	155634	154552	0.61	cps
Silver	109-1	275	367	375	339	16.37	cps
Silver	107-1	358	317	342	339	6.19	cps
Sodium	23-2	20916581	20757307	20961238	20878375	0.51	cps
Strontium	86-1	51886	53149	52840	52625	1.25	cps
Strontium	88-1	457211	456856	461199	458422	0.53	cps
Sulfur	34-1	2750293	2772070	2770082	2764149	0.44	cps
Terbium	159-1	6993610	7071456	6975039	7013369	0.73	cps
Terbium	159-2	3935721	4010302	3883858	3943294	1.61	cps
Thallium	203-1	1225	1450	1425	1367	9.02	cps
Thallium	205-1	3259	3842	3826	3642	9.12	cps
Thorium	232-1	594	622	433	550	18.54	cps
Tin	118-1	967	867	900	911	5.59	cps
Titanium	47-1	1312924	1318822	1329264	1320337	0.63	cps
Uranium	238-1	433	450	500	461	7.52	cps
Vanadium	51-2	210	193	203	202	4.15	cps
Yttrium	89-1	5082349	5107342	5150830	5113507	0.68	cps
Yttrium	89-2	820399	832804	812573	821925	1.24	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:12:45	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2901	2958	2924	2927	0.98	cps
Zirconium	90-1	617	683	575	625	8.74	cps
Zirconium	91-1	142	142	92	125	23.09	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:16:22	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4505507	4437367	4495647	4479507	0.82	cps
Antimony	121-1	91799	93460	94558	93272	1.49	cps
Arsenic	75-1	18556	19573	19397	19175	2.83	cps
Barium	135-1	26727	27378	25541	26549	3.51	cps
Barium	137-1	45836	46278	47223	46446	1.53	cps
Beryllium	9-1	23038	23205	23024	23089	0.44	cps
Bismuth	209-1	4283574	4214280	4186695	4228183	1.18	cps
Bismuth	209-2	2864333	2913795	2787986	2855371	2.22	cps
Boron	10-1	9754	9195	9803	9584	3.53	cps
Boron	11-1	42970	42753	43355	43026	0.71	cps
Cadmium	111-1	25642	25568	25253	25488	0.81	cps
Cadmium	106-1	5460	5343	5343	5382	1.25	cps
Cadmium	108-1	3471	3346	3242	3353	3.42	cps
Calcium	43-1	1524116	1517686	1525605	1522469	0.28	cps
Calcium	44-1	24654888	24672156	24798351	24708465	0.32	cps
Chromium	52-2	53500	53932	53680	53704	0.40	cps
Cobalt	59-2	42823	42137	42037	42332	1.01	cps
Copper	63-2	37248	36733	36753	36911	0.79	cps
Dysprosium	156-1	33	33	17	28	34.63	cps
Dysprosium	156-2	10	13	13	12	15.73	cps
Erbium	164-1	42	42	33	39	12.38	cps
Erbium	164-2	33	23	40	32	26.04	cps
Gadolinium	160-1	33	58	75	56	37.74	cps
Gadolinium	160-2	117	137	103	119	14.11	cps
Holmium	165-1	6883891	6739668	6758977	6794179	1.15	cps
Holmium	165-2	4020230	4107105	3897581	4008305	2.63	cps
Indium	115-1	4516837	4462909	4433033	4470926	0.95	cps
Indium	115-2	1048149	1056394	1015312	1039951	2.09	cps
Iron	56-2	112277605	110309264	111024961	111203943	0.90	cps
Iron	57-2	2823169	2784328	2809463	2805653	0.70	cps
Krypton	83-1	157	190	110	152	26.40	cps
Lead	206-1	107974	105554	107861	107129	1.27	cps
Lead	207-1	89964	91127	91983	91024	1.11	cps
Lead	208-1	417295	417723	421592	418870	0.57	cps
Lithium	6-1	1796654	1779439	1776550	1784214	0.61	cps
Magnesium	24-2	11041480	10848863	10981216	10957186	0.90	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:16:22	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23542	23769	24003	23772	0.97	cps
Molybdenum	94-1	2716658	2707315	2724136	2716036	0.31	cps
Molybdenum	95-1	4608818	4600473	4625476	4611589	0.28	cps
Molybdenum	96-1	4965537	4963061	5000777	4976458	0.42	cps
Molybdenum	97-1	2816490	2800323	2810977	2809263	0.29	cps
Molybdenum	98-1	7333445	7416267	7465435	7405049	0.90	cps
Neodymium	150-1	27	53	27	36	43.30	cps
Neodymium	150-2	3	10	17	10	66.70	cps
Nickel	60-2	13153	12552	12569	12758	2.68	cps
Phosphorus	31-2	248613	244379	248410	247134	0.97	cps
Potassium	39-2	11137635	10982389	11125655	11081893	0.78	cps
Rhodium	103-1	3873331	3831227	3809068	3837875	0.85	cps
Rhodium	103-2	1973542	2016392	1918994	1969643	2.48	cps
Scandium	45-1	3162751	3113004	3103722	3126492	1.02	cps
Scandium	45-2	144634	147078	141043	144252	2.10	cps
Selenium	77-2	53	97	87	79	28.77	cps
Selenium	78-2	289	309	343	314	8.65	cps
Selenium	82-1	1785	1663	1841	1763	5.15	cps
Silicon	28-1	305181	306738	308895	306938	0.61	cps
Silver	109-1	96378	95748	97251	96459	0.78	cps
Silver	107-1	101278	99884	101336	100832	0.82	cps
Sodium	23-2	21323606	21001524	21198328	21174486	0.77	cps
Strontium	86-1	139127	141970	142096	141064	1.19	cps
Strontium	88-1	1230638	1237305	1249746	1239230	0.78	cps
Sulfur	34-1	2805300	2800274	2804124	2803233	0.09	cps
Terbium	159-1	7069040	7000834	6931443	7000439	0.98	cps
Terbium	159-2	3916772	3982170	3827990	3908977	1.98	cps
Thallium	203-1	105649	103880	104734	104755	0.84	cps
Thallium	205-1	251225	250072	254060	251786	0.82	cps
Thorium	232-1	5390	5023	5335	5249	3.77	cps
Tin	118-1	182074	182495	184325	182965	0.65	cps
Titanium	47-1	1368721	1371789	1384529	1375013	0.61	cps
Uranium	238-1	986938	989375	989379	988564	0.14	cps
Vanadium	51-2	22591	22528	22244	22454	0.82	cps
Yttrium	89-1	5153141	5075661	5083243	5104015	0.84	cps
Yttrium	89-2	816489	830498	793654	813547	2.29	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:16:22	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7489	7424	7534	7482	0.74	cps
Zirconium	90-1	382910	378029	381750	380896	0.67	cps
Zirconium	91-1	84575	85983	85329	85296	0.83	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:19:58	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2652213	2631700	2646503	2643472	0.40	cps
Antimony	121-1	2161231	2173425	2171342	2168666	0.30	cps
Arsenic	75-1	466603	465694	468393	466896	0.29	cps
Barium	135-1	3027228	3032472	3025470	3028390	0.12	cps
Barium	137-1	5371846	5394083	5398252	5388060	0.26	cps
Beryllium	9-1	563979	567345	564314	565213	0.33	cps
Bismuth	209-1	4163805	4161557	4157053	4160805	0.08	cps
Bismuth	209-2	2730979	2724452	2769282	2741571	0.88	cps
Boron	10-1	82751	84912	86179	84614	2.05	cps
Boron	11-1	362810	374717	377020	371516	2.05	cps
Cadmium	111-1	630999	631236	633540	631925	0.22	cps
Cadmium	106-1	73885	71907	72678	72824	1.37	cps
Cadmium	108-1	49056	49854	49290	49400	0.83	cps
Calcium	43-1	3677625	3647259	3651059	3658647	0.45	cps
Calcium	44-1	59336989	59442068	59591320	59456792	0.21	cps
Chromium	52-2	663833	663839	667617	665097	0.33	cps
Cobalt	59-2	980441	978658	988967	982689	0.56	cps
Copper	63-2	1344590	1357755	1351876	1351407	0.49	cps
Dysprosium	156-1	50	75	67	64	19.93	cps
Dysprosium	156-2	123	73	100	99	25.30	cps
Erbium	164-1	42	42	25	36	26.65	cps
Erbium	164-2	10	17	17	14	26.66	cps
Gadolinium	160-1	83	50	25	53	55.46	cps
Gadolinium	160-2	127	113	107	116	8.81	cps
Holmium	165-1	6802407	6841731	6796033	6813390	0.36	cps
Holmium	165-2	3889193	3905644	3923828	3906221	0.44	cps
Indium	115-1	4359840	4330510	4333005	4341118	0.37	cps
Indium	115-2	995375	994371	996899	995548	0.13	cps
Iron	56-2	134712359	134264106	134150875	134375780	0.22	cps
Iron	57-2	3375467	3358936	3385314	3373239	0.40	cps
Krypton	83-1	143	157	143	148	5.21	cps
Lead	206-1	2055734	2067574	2049330	2057546	0.45	cps
Lead	207-1	1907023	1907789	1895124	1903312	0.37	cps
Lead	208-1	8472174	8470309	8447686	8463390	0.16	cps
Lithium	6-1	1780249	1782518	1782298	1781688	0.07	cps
Magnesium	24-2	26844329	26597849	26700565	26714248	0.46	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:19:58	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	833676	831577	833750	833001	0.15	cps
Molybdenum	94-1	4748687	4732413	4728047	4736382	0.23	cps
Molybdenum	95-1	5754205	5729864	5725730	5736600	0.27	cps
Molybdenum	96-1	6410117	6400208	6404859	6405061	0.08	cps
Molybdenum	97-1	3490424	3494255	3499023	3494568	0.12	cps
Molybdenum	98-1	9205247	9172141	9216136	9197841	0.25	cps
Neodymium	150-1	360	273	247	293	20.20	cps
Neodymium	150-2	47	37	53	46	18.41	cps
Nickel	60-2	239182	240055	239442	239560	0.19	cps
Phosphorus	31-2	25664	25089	26265	25673	2.29	cps
Potassium	39-2	14035906	13880950	13996509	13971122	0.58	cps
Rhodium	103-1	3725287	3692613	3661049	3692983	0.87	cps
Rhodium	103-2	1860948	1853714	1870364	1861675	0.45	cps
Scandium	45-1	3096660	3106516	3090638	3097938	0.26	cps
Scandium	45-2	142894	141952	141636	142161	0.46	cps
Selenium	77-2	2157	2184	2034	2125	3.77	cps
Selenium	78-2	7582	7461	7291	7445	1.96	cps
Selenium	82-1	44131	43929	44036	44032	0.23	cps
Silicon	28-1	1767815	1801352	1808370	1792512	1.21	cps
Silver	109-1	2669248	2675854	2665730	2670277	0.19	cps
Silver	107-1	2790588	2803680	2790206	2794825	0.27	cps
Sodium	23-2	53176025	52883362	53173267	53077551	0.32	cps
Strontium	86-1	778579	772419	774113	775037	0.41	cps
Strontium	88-1	6799996	6870857	6861911	6844255	0.56	cps
Sulfur	34-1	435102	438039	435268	436136	0.38	cps
Terbium	159-1	6941756	6970165	6933884	6948602	0.27	cps
Terbium	159-2	3820134	3800750	3841506	3820797	0.53	cps
Thallium	203-1	2549250	2541289	2543553	2544697	0.16	cps
Thallium	205-1	6257917	6243632	6238605	6246718	0.16	cps
Thorium	232-1	10978925	11001820	11023766	11001504	0.20	cps
Tin	118-1	1897893	1891530	1892605	1894009	0.18	cps
Titanium	47-1	1652742	1662681	1665358	1660260	0.40	cps
Uranium	238-1	10188991	10164529	10230524	10194681	0.33	cps
Vanadium	51-2	566448	566732	568170	567117	0.16	cps
Yttrium	89-1	4999552	5029438	5019370	5016120	0.30	cps
Yttrium	89-2	789002	790351	796047	791800	0.47	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:19:58	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	217327	217701	217345	217458	0.10	cps
Zirconium	90-1	3944031	3937062	3936119	3939071	0.11	cps
Zirconium	91-1	899987	891998	890316	894100	0.58	cps

LB Number : LB103322 Operator : Jaswal
 Lab Sample ID : CCB64 Instrumnet Name : P7
 Client Sample ID : CCB64 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-10 12:23:36 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	408	325	275	336	20.04	cps
Antimony	121-1	1959	2075	2017	2017	2.89	cps
Arsenic	75-1	120	121	180	140	24.71	cps
Barium	135-1	467	408	400	425	8.55	cps
Barium	137-1	975	683	750	803	19.04	cps
Beryllium	9-1	270	253	203	242	14.32	cps
Bismuth	209-1	4728977	4694320	4686053	4703116	0.48	cps
Bismuth	209-2	3149945	3197400	3188452	3178599	0.79	cps
Boron	10-1	3892	3826	3300	3673	8.83	cps
Boron	11-1	17586	16026	15075	16229	7.81	cps
Cadmium	111-1	1832	1710	1679	1740	4.64	cps
Cadmium	106-1	2400	2334	2234	2323	3.61	cps
Cadmium	108-1	33	46	25	35	30.20	cps
Calcium	43-1	800	783	533	706	21.17	cps
Calcium	44-1	14850	13515	11864	13409	11.16	cps
Chromium	52-2	447	470	450	456	2.77	cps
Cobalt	59-2	150	113	110	124	17.83	cps
Copper	63-2	660	750	613	674	10.30	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	8	8	14	69.31	cps
Erbium	164-2	10	20	13	14	35.26	cps
Gadolinium	160-1	42	58	33	44	28.65	cps
Gadolinium	160-2	100	157	110	122	24.75	cps
Holmium	165-1	7140622	7111356	7103253	7118410	0.28	cps
Holmium	165-2	4099342	4177807	4129993	4135714	0.96	cps
Indium	115-1	5072842	5060114	5052290	5061749	0.20	cps
Indium	115-2	1153419	1160767	1152557	1155581	0.39	cps
Iron	56-2	18846	17533	15531	17303	9.65	cps
Iron	57-2	528	411	467	469	12.46	cps
Krypton	83-1	107	137	177	140	25.08	cps
Lead	206-1	683	606	722	670	8.86	cps
Lead	207-1	611	578	567	585	3.95	cps
Lead	208-1	2950	2611	2645	2735	6.83	cps
Lithium	6-1	2009952	2004814	2019709	2011492	0.38	cps
Magnesium	24-2	2925	2667	2092	2561	16.66	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:23:36	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	130	90	73	98	29.79	cps
Molybdenum	94-1	2509	2159	2209	2292	8.26	cps
Molybdenum	95-1	3759	3384	2709	3284	16.21	cps
Molybdenum	96-1	3942	3784	2875	3534	16.29	cps
Molybdenum	97-1	2217	1750	1700	1889	15.09	cps
Molybdenum	98-1	6160	5134	4476	5257	16.14	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90	100	110	100	10.00	cps
Phosphorus	31-2	133	75	108	106	27.73	cps
Potassium	39-2	12172	12389	12230	12264	0.92	cps
Rhodium	103-1	4587423	4463759	4440831	4497337	1.75	cps
Rhodium	103-2	2233912	2269120	2266273	2256435	0.87	cps
Scandium	45-1	3499210	3489112	3513182	3500501	0.35	cps
Scandium	45-2	159103	161122	159811	160012	0.64	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	43	24	43	36	29.36	cps
Selenium	82-1	79	56	20	51	57.85	cps
Silicon	28-1	113259	110968	110456	111561	1.34	cps
Silver	109-1	633	583	592	603	4.44	cps
Silver	107-1	717	567	633	639	11.76	cps
Sodium	23-2	13323	12506	11380	12403	7.87	cps
Strontium	86-1	317	417	383	372	13.68	cps
Strontium	88-1	1233	1300	1208	1247	3.80	cps
Sulfur	34-1	194308	194807	196166	195094	0.49	cps
Terbium	159-1	7373028	7365563	7343656	7360749	0.21	cps
Terbium	159-2	4024231	4091835	4066705	4060923	0.84	cps
Thallium	203-1	1017	1017	1167	1067	8.12	cps
Thallium	205-1	2892	2125	2234	2417	17.17	cps
Thorium	232-1	2906	2523	2289	2573	12.11	cps
Tin	118-1	825	933	842	867	6.73	cps
Titanium	47-1	492	433	392	439	11.45	cps
Uranium	238-1	1742	1492	1175	1470	19.33	cps
Vanadium	51-2	53	63	47	54	15.40	cps
Yttrium	89-1	5585788	5607564	5594566	5595973	0.20	cps
Yttrium	89-2	875948	884807	879717	880157	0.51	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:23:36	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	234	257	280	257	9.06	cps
Zirconium	90-1	1367	1117	1175	1220	10.73	cps
Zirconium	91-1	292	342	225	286	20.46	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:27:12	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1092	1275	1083	1150	9.42	cps
Antimony	121-1	9704	9345	10054	9701	3.65	cps
Arsenic	75-1	629	803	884	772	16.90	cps
Barium	135-1	14291	13599	13257	13716	3.84	cps
Barium	137-1	23462	23337	22327	23042	2.70	cps
Beryllium	9-1	1237	1417	1387	1347	7.16	cps
Bismuth	209-1	4729957	4685102	4674963	4696674	0.62	cps
Bismuth	209-2	3422637	3359686	3184339	3322221	3.72	cps
Boron	10-1	6518	6277	6318	6371	2.03	cps
Boron	11-1	28695	28620	28887	28734	0.48	cps
Cadmium	111-1	2812	2914	2725	2817	3.36	cps
Cadmium	106-1	2400	2350	2292	2348	2.31	cps
Cadmium	108-1	121	104	96	107	11.90	cps
Calcium	43-1	8678	8886	8444	8670	2.55	cps
Calcium	44-1	143373	142859	143843	143358	0.34	cps
Chromium	52-2	3540	3434	3460	3478	1.60	cps
Cobalt	59-2	2374	2157	2397	2309	5.73	cps
Copper	63-2	3400	3494	3837	3577	6.43	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	8	17	8	11	43.34	cps
Erbium	164-2	27	13	13	18	43.33	cps
Gadolinium	160-1	33	42	33	36	13.33	cps
Gadolinium	160-2	167	113	127	136	20.47	cps
Holmium	165-1	7192993	7211695	7199473	7201387	0.13	cps
Holmium	165-2	4540850	4474121	4170245	4395072	4.49	cps
Indium	115-1	5138430	5146687	5171870	5152329	0.34	cps
Indium	115-2	1263247	1248317	1180516	1230693	3.58	cps
Iron	56-2	74047	72825	73852	73575	0.89	cps
Iron	57-2	2017	2078	1750	1948	8.95	cps
Krypton	83-1	163	147	140	150	8.01	cps
Lead	206-1	4823	4884	4818	4842	0.76	cps
Lead	207-1	4129	4179	3890	4066	3.80	cps
Lead	208-1	19334	19440	19156	19310	0.74	cps
Lithium	6-1	2051501	2039603	2051271	2047458	0.33	cps
Magnesium	24-2	63710	64857	63661	64076	1.06	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:27:12	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1120	1127	977	1075	7.89	cps
Molybdenum	94-1	11238	11480	11305	11341	1.10	cps
Molybdenum	95-1	13782	13415	13415	13537	1.57	cps
Molybdenum	96-1	15175	15134	15734	15348	2.18	cps
Molybdenum	97-1	8828	8461	8803	8697	2.36	cps
Molybdenum	98-1	22819	22085	21408	22104	3.19	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	720	640	643	668	6.78	cps
Phosphorus	31-2	217	217	283	239	16.11	cps
Potassium	39-2	73910	73801	73859	73857	0.07	cps
Rhodium	103-1	4709249	4536215	4698487	4647983	2.09	cps
Rhodium	103-2	2477992	2446477	2296552	2407007	4.03	cps
Scandium	45-1	3619669	3583001	3612645	3605105	0.54	cps
Scandium	45-2	177724	175851	165980	173185	3.64	cps
Selenium	77-2	53	37	23	38	39.79	cps
Selenium	78-2	98	135	137	123	17.77	cps
Selenium	82-1	537	609	575	573	6.30	cps
Silicon	28-1	133517	134878	135248	134548	0.68	cps
Silver	109-1	6085	6335	5676	6032	5.51	cps
Silver	107-1	6969	6043	6518	6510	7.11	cps
Sodium	23-2	125572	122153	123463	123729	1.39	cps
Strontium	86-1	1975	1867	2075	1972	5.28	cps
Strontium	88-1	15234	15134	14508	14958	2.63	cps
Sulfur	34-1	204004	206249	204829	205028	0.55	cps
Terbium	159-1	7444193	7367358	7477554	7429701	0.76	cps
Terbium	159-2	4462209	4354311	4123096	4313205	4.02	cps
Thallium	203-1	6193	5426	5185	5601	9.40	cps
Thallium	205-1	13666	13190	13357	13404	1.80	cps
Thorium	232-1	21318	20778	20667	20921	1.66	cps
Tin	118-1	22894	21734	22168	22266	2.63	cps
Titanium	47-1	4017	4209	3776	4001	5.43	cps
Uranium	238-1	20300	20066	19841	20069	1.14	cps
Vanadium	51-2	6675	6538	6735	6649	1.52	cps
Yttrium	89-1	5719691	5682491	5734946	5712376	0.47	cps
Yttrium	89-2	968365	957644	902577	942862	3.74	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:27:12	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	632	762	605	666	12.59	cps
Zirconium	90-1	9387	8653	8962	9000	4.09	cps
Zirconium	91-1	1950	2000	2075	2009	3.13	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	PB120460BL	Instrumnet Name :	P7
Client Sample ID :	PB120460BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:30:48	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	50	92	61	43.83	cps
Antimony	121-1	250	325	425	333	26.34	cps
Arsenic	75-1	-92	-38	-104	-78	-44.77	cps
Barium	135-1	50	50	75	58	24.74	cps
Barium	137-1	108	75	142	108	30.77	cps
Beryllium	9-1	130	97	97	108	17.85	cps
Bismuth	209-1	4748324	4660554	4659396	4689424	1.09	cps
Bismuth	209-2	3159832	3188722	3183888	3177480	0.49	cps
Boron	10-1	1492	1600	1250	1447	12.38	cps
Boron	11-1	6527	6343	5868	6246	5.44	cps
Cadmium	111-1	1575	1562	1574	1570	0.44	cps
Cadmium	106-1	2200	2209	2234	2214	0.78	cps
Cadmium	108-1	4	13	21	13	66.64	cps
Calcium	43-1	100	108	100	103	4.68	cps
Calcium	44-1	4184	4234	4493	4304	3.85	cps
Chromium	52-2	373	390	380	381	2.20	cps
Cobalt	59-2	43	53	53	50	11.55	cps
Copper	63-2	403	433	453	430	5.85	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	8	42	17	22	78.07	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	50	33	42	42	20.00	cps
Gadolinium	160-2	117	83	130	110	21.85	cps
Holmium	165-1	7243201	7170128	7132941	7182090	0.78	cps
Holmium	165-2	4116129	4162539	4158101	4145590	0.62	cps
Indium	115-1	5213508	5150572	5158227	5174103	0.66	cps
Indium	115-2	1165817	1176325	1170577	1170906	0.45	cps
Iron	56-2	4734	4773	4745	4751	0.42	cps
Iron	57-2	206	150	211	189	17.89	cps
Krypton	83-1	150	183	160	164	10.40	cps
Lead	206-1	317	278	328	307	8.54	cps
Lead	207-1	306	267	306	293	7.67	cps
Lead	208-1	1295	1156	1222	1224	5.67	cps
Lithium	6-1	2052637	2040457	2037873	2043656	0.39	cps
Magnesium	24-2	583	492	517	531	8.93	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	PB120460BL	Instrumnet Name :	P7
Client Sample ID :	PB120460BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:30:48	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	47	47	50	11.55	cps
Molybdenum	94-1	442	450	392	428	7.38	cps
Molybdenum	95-1	567	383	567	506	20.94	cps
Molybdenum	96-1	492	417	600	503	18.33	cps
Molybdenum	97-1	250	383	225	286	29.75	cps
Molybdenum	98-1	725	775	833	778	6.97	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	50	80	53	61	26.91	cps
Phosphorus	31-2	150	133	108	131	16.06	cps
Potassium	39-2	10663	11388	11480	11177	4.01	cps
Rhodium	103-1	4747141	4693713	4730750	4723868	0.58	cps
Rhodium	103-2	2276974	2307144	2305282	2296466	0.74	cps
Scandium	45-1	3656084	3618634	3606487	3627068	0.71	cps
Scandium	45-2	161936	165276	164639	163951	1.08	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	31	39	33	14.70	cps
Selenium	82-1	72	12	62	49	66.57	cps
Silicon	28-1	100520	104661	100519	101900	2.35	cps
Silver	109-1	117	75	100	97	21.57	cps
Silver	107-1	117	167	117	133	21.65	cps
Sodium	23-2	5185	5193	4734	5037	5.21	cps
Strontium	86-1	283	242	167	231	25.64	cps
Strontium	88-1	158	158	183	167	8.66	cps
Sulfur	34-1	206386	206461	207289	206712	0.24	cps
Terbium	159-1	7455469	7385928	7463890	7435096	0.58	cps
Terbium	159-2	4055353	4085033	4059822	4066736	0.39	cps
Thallium	203-1	283	342	300	308	9.74	cps
Thallium	205-1	883	742	717	781	11.52	cps
Thorium	232-1	522	444	556	507	11.24	cps
Tin	118-1	258	400	325	328	21.62	cps
Titanium	47-1	108	117	42	89	46.24	cps
Uranium	238-1	308	200	192	233	27.89	cps
Vanadium	51-2	3	10	10	8	49.52	cps
Yttrium	89-1	5777764	5686008	5735595	5733122	0.80	cps
Yttrium	89-2	893346	902786	905065	900399	0.69	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	PB120460BL	Instrumnet Name :	P7
Client Sample ID :	PB120460BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:30:48	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	177	187	157	173	8.81	cps
Zirconium	90-1	558	542	542	547	1.76	cps
Zirconium	91-1	108	83	92	94	13.48	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	PB120460BS	Instrumnet Name :	P7
Client Sample ID :	PB120460BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:34:24	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	505409	511047	508502	508320	0.56	cps
Antimony	121-1	2302923	2296660	2303686	2301089	0.17	cps
Arsenic	75-1	483861	480752	473878	479497	1.07	cps
Barium	135-1	3172749	3143852	3170274	3162291	0.51	cps
Barium	137-1	5647443	5633781	5643283	5641502	0.12	cps
Beryllium	9-1	609183	598699	602182	603355	0.88	cps
Bismuth	209-1	4543162	4481906	4499264	4508111	0.70	cps
Bismuth	209-2	2976095	2976899	2978865	2977286	0.05	cps
Boron	10-1	89079	88349	90236	89221	1.07	cps
Boron	11-1	395128	388497	404310	395979	2.01	cps
Cadmium	111-1	621491	617814	620686	619997	0.31	cps
Cadmium	106-1	73181	71221	72637	72346	1.40	cps
Cadmium	108-1	48387	48721	48671	48593	0.37	cps
Calcium	43-1	804200	805419	801334	803651	0.26	cps
Calcium	44-1	13065971	13009997	13014863	13030277	0.24	cps
Chromium	52-2	694832	696758	693003	694864	0.27	cps
Cobalt	59-2	1044164	1044714	1043414	1044097	0.06	cps
Copper	63-2	1329605	1332622	1331055	1331094	0.11	cps
Dysprosium	156-1	50	50	75	58	24.74	cps
Dysprosium	156-2	103	70	57	77	31.35	cps
Erbium	164-1	33	17	50	33	50.00	cps
Erbium	164-2	23	17	13	18	28.64	cps
Gadolinium	160-1	75	17	50	47	61.97	cps
Gadolinium	160-2	117	133	153	134	13.66	cps
Holmium	165-1	7087549	7054565	7017124	7053079	0.50	cps
Holmium	165-2	4007588	4055260	4032412	4031753	0.59	cps
Indium	115-1	4758805	4743096	4748589	4750163	0.17	cps
Indium	115-2	1062848	1064518	1061503	1062956	0.14	cps
Iron	56-2	29730824	29621842	29375334	29576000	0.62	cps
Iron	57-2	738507	740580	736972	738686	0.25	cps
Krypton	83-1	153	123	150	142	11.56	cps
Lead	206-1	2176657	2152306	2157780	2162248	0.59	cps
Lead	207-1	1997808	2005237	2005451	2002832	0.22	cps
Lead	208-1	9075466	8881849	8883253	8946856	1.24	cps
Lithium	6-1	1903703	1885839	1889537	1893026	0.50	cps
Magnesium	24-2	5733169	5759000	5745092	5745754	0.23	cps

LB Number : LB103322 Operator : Jaswal
 Lab Sample ID : PB120460BS Instrumnet Name : P7
 Client Sample ID : PB120460BS Dilution Factor : 1
 Date & Time Acquired :: 2019-06-10 12:34:24 DataFile Name : 020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	879478	882919	879230	880542	0.23	cps
Molybdenum	94-1	4961713	4919224	4943006	4941314	0.43	cps
Molybdenum	95-1	6013714	5984248	5999474	5999145	0.25	cps
Molybdenum	96-1	6723741	6671332	6703245	6699439	0.39	cps
Molybdenum	97-1	3656775	3621868	3626743	3635128	0.52	cps
Molybdenum	98-1	9646591	9614819	9630298	9630569	0.16	cps
Neodymium	150-1	320	347	293	320	8.33	cps
Neodymium	150-2	20	33	47	33	40.01	cps
Nickel	60-2	260829	259329	260241	260133	0.29	cps
Phosphorus	31-2	27126	26850	26808	26928	0.64	cps
Potassium	39-2	2934263	2937111	2955995	2942456	0.40	cps
Rhodium	103-1	4115161	4078418	4054187	4082589	0.75	cps
Rhodium	103-2	2043072	2046405	2043626	2044368	0.09	cps
Scandium	45-1	3320179	3285850	3255145	3287058	0.99	cps
Scandium	45-2	148070	148199	149233	148501	0.43	cps
Selenium	77-2	2140	2120	2220	2160	2.45	cps
Selenium	78-2	7500	7582	7789	7624	1.95	cps
Selenium	82-1	46240	45720	45442	45801	0.88	cps
Silicon	28-1	2029370	2051960	2084813	2055381	1.36	cps
Silver	109-1	2672572	2632366	2636127	2647022	0.84	cps
Silver	107-1	2809786	2758496	2769305	2779196	0.97	cps
Sodium	23-2	11247097	11189193	11141754	11192681	0.47	cps
Strontium	86-1	809831	805016	808516	807788	0.31	cps
Strontium	88-1	7174039	7192715	7190642	7185799	0.14	cps
Sulfur	34-1	469263	464199	456637	463366	1.37	cps
Terbium	159-1	7304656	7214013	7215857	7244842	0.72	cps
Terbium	159-2	3922516	3942217	3919629	3928121	0.31	cps
Thallium	203-1	2688179	2670524	2659645	2672783	0.54	cps
Thallium	205-1	6665089	6601551	6603504	6623381	0.55	cps
Thorium	232-1	11072286	11048528	11122036	11080950	0.34	cps
Tin	118-1	1995024	1996049	1980945	1990673	0.42	cps
Titanium	47-1	1758186	1739293	1754468	1750649	0.57	cps
Uranium	238-1	10349054	10220015	10332589	10300553	0.68	cps
Vanadium	51-2	583264	587135	585784	585394	0.34	cps
Yttrium	89-1	5360796	5320660	5325795	5335750	0.41	cps
Yttrium	89-2	824581	828894	829945	827806	0.34	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	PB120460BS	Instrumnet Name :	P7
Client Sample ID :	PB120460BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:34:24	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	220441	222644	220202	221096	0.61	cps
Zirconium	90-1	4125296	4078874	4093685	4099285	0.58	cps
Zirconium	91-1	939900	926480	926341	930907	0.84	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01	Instrumnet Name :	P7
Client Sample ID :	390605752.1	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:38:00	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46276	45787	44576	45547	1.92	cps
Antimony	121-1	2592	2634	2509	2578	2.47	cps
Arsenic	75-1	367	354	328	350	5.75	cps
Barium	135-1	78229	77349	78220	77933	0.65	cps
Barium	137-1	134806	136657	135169	135544	0.72	cps
Beryllium	9-1	1787	1643	1690	1707	4.28	cps
Bismuth	209-1	4536817	4536400	4518920	4530712	0.23	cps
Bismuth	209-2	3039685	3074314	3115738	3076579	1.24	cps
Boron	10-1	5443	5326	4726	5165	7.45	cps
Boron	11-1	24354	22159	21124	22545	7.32	cps
Cadmium	111-1	3178	3151	3233	3187	1.32	cps
Cadmium	106-1	2167	2425	2475	2356	7.03	cps
Cadmium	108-1	175	204	154	178	14.13	cps
Calcium	43-1	1001720	998844	1000567	1000377	0.14	cps
Calcium	44-1	16446800	16448047	16491357	16462068	0.15	cps
Chromium	52-2	6025	5905	6068	5999	1.41	cps
Cobalt	59-2	122674	123033	123740	123149	0.44	cps
Copper	63-2	3748498	3783290	3797069	3776286	0.66	cps
Dysprosium	156-1	17387	17462	17287	17378	0.51	cps
Dysprosium	156-2	10444	10377	10121	10314	1.66	cps
Erbium	164-1	14358	15067	14492	14639	2.57	cps
Erbium	164-2	8286	8576	8493	8452	1.77	cps
Gadolinium	160-1	18021	17787	17896	17901	0.65	cps
Gadolinium	160-2	11535	11475	11205	11405	1.54	cps
Holmium	165-1	7005378	7025648	7018357	7016461	0.15	cps
Holmium	165-2	4042601	4066538	4107590	4072243	0.81	cps
Indium	115-1	4783481	4786027	4809267	4792925	0.30	cps
Indium	115-2	1079990	1093338	1099868	1091065	0.93	cps
Iron	56-2	1371769	1383206	1400007	1384994	1.03	cps
Iron	57-2	41080	40729	41833	41214	1.37	cps
Krypton	83-1	187	147	137	157	16.89	cps
Lead	206-1	160743	160110	160776	160543	0.23	cps
Lead	207-1	141989	140647	141084	141240	0.48	cps
Lead	208-1	643613	644908	643503	644008	0.12	cps
Lithium	6-1	1917545	1920327	1930894	1922922	0.37	cps
Magnesium	24-2	301076	304357	304230	303221	0.61	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01	Instrumnet Name :	P7
Client Sample ID :	390605752.1	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:38:00	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	163469	164638	163854	163987	0.36	cps
Molybdenum	94-1	5919	5410	5109	5479	7.47	cps
Molybdenum	95-1	3567	3150	2725	3148	13.37	cps
Molybdenum	96-1	4526	4092	3067	3895	19.23	cps
Molybdenum	97-1	2042	1817	1717	1859	8.96	cps
Molybdenum	98-1	5976	5109	4384	5157	15.46	cps
Neodymium	150-1	18340	17685	18193	18072	1.90	cps
Neodymium	150-2	8379	8253	8249	8294	0.89	cps
Nickel	60-2	24320	24891	24948	24720	1.40	cps
Phosphorus	31-2	2809	2909	2692	2803	3.87	cps
Potassium	39-2	293935	294755	296900	295197	0.52	cps
Rhodium	103-1	4216606	4205076	4331581	4251088	1.65	cps
Rhodium	103-2	2117641	2143270	2169813	2143574	1.22	cps
Scandium	45-1	3351541	3335839	3336181	3341187	0.27	cps
Scandium	45-2	152848	154707	156745	154767	1.26	cps
Selenium	77-2	50	33	47	43	20.36	cps
Selenium	78-2	50	61	59	57	10.48	cps
Selenium	82-1	52	122	118	97	40.72	cps
Silicon	28-1	14073361	14121023	14271440	14155275	0.73	cps
Silver	109-1	892	933	633	820	19.83	cps
Silver	107-1	792	842	742	792	6.32	cps
Sodium	23-2	1162093	1171603	1176172	1169956	0.61	cps
Strontium	86-1	97823	96640	99299	97921	1.36	cps
Strontium	88-1	861045	846459	858523	855342	0.91	cps
Sulfur	34-1	231115	225008	223358	226494	1.80	cps
Terbium	159-1	7246626	7223866	7206806	7225766	0.28	cps
Terbium	159-2	3969577	3990842	4041436	4000618	0.92	cps
Thallium	203-1	2800	2850	2417	2689	8.82	cps
Thallium	205-1	6852	6727	5626	6402	10.53	cps
Thorium	232-1	9348	8692	8414	8818	5.44	cps
Tin	118-1	3403969	3378808	3388791	3390523	0.37	cps
Titanium	47-1	11880	12201	11810	11964	1.74	cps
Uranium	238-1	50925	52130	52758	51938	1.79	cps
Vanadium	51-2	2174	2057	2064	2098	3.13	cps
Yttrium	89-1	5481587	5524961	5546434	5517661	0.60	cps
Yttrium	89-2	859220	872564	878766	870183	1.15	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01	Instrumnet Name :	P7
Client Sample ID :	390605752.1	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:38:00	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	284589	289078	287821	287162	0.81	cps
Zirconium	90-1	10888	10271	9812	10324	5.23	cps
Zirconium	91-1	2209	2342	2350	2300	3.45	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01DUP	Instrumnet Name :	P7
Client Sample ID :	390605752.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:41:36	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43691	43866	46433	44663	3.44	cps
Antimony	121-1	1133	1117	1242	1164	5.83	cps
Arsenic	75-1	329	301	375	335	11.04	cps
Barium	135-1	78003	76737	77810	77516	0.88	cps
Barium	137-1	134757	134445	133662	134288	0.42	cps
Beryllium	9-1	1573	1533	1487	1531	2.83	cps
Bismuth	209-1	4588083	4542046	4548750	4559626	0.55	cps
Bismuth	209-2	3075468	3074666	3087133	3079089	0.23	cps
Boron	10-1	3125	2950	3084	3053	2.99	cps
Boron	11-1	13323	13673	13323	13440	1.51	cps
Cadmium	111-1	3249	3141	3312	3234	2.67	cps
Cadmium	106-1	2509	2159	2392	2353	7.58	cps
Cadmium	108-1	142	196	138	158	20.55	cps
Calcium	43-1	1023501	1017914	1011219	1017545	0.60	cps
Calcium	44-1	16584105	16567148	16578735	16576663	0.05	cps
Chromium	52-2	5848	5941	5831	5873	1.01	cps
Cobalt	59-2	123975	123056	124062	123698	0.45	cps
Copper	63-2	3795362	3819768	3834478	3816536	0.52	cps
Dysprosium	156-1	17812	17312	17303	17476	1.67	cps
Dysprosium	156-2	10641	10591	10234	10489	2.12	cps
Erbium	164-1	14241	14975	14417	14544	2.64	cps
Erbium	164-2	8820	8389	8436	8548	2.76	cps
Gadolinium	160-1	17428	18321	17462	17737	2.85	cps
Gadolinium	160-2	11865	11492	11368	11575	2.24	cps
Holmium	165-1	7016810	7042834	7030025	7029890	0.19	cps
Holmium	165-2	4058484	4085090	4081243	4074939	0.35	cps
Indium	115-1	4830036	4832999	4846202	4836412	0.18	cps
Indium	115-2	1095068	1093955	1102059	1097027	0.40	cps
Iron	56-2	1386711	1393598	1396676	1392328	0.37	cps
Iron	57-2	40412	42429	41883	41574	2.51	cps
Krypton	83-1	177	143	170	163	10.80	cps
Lead	206-1	161789	160894	161045	161243	0.30	cps
Lead	207-1	141785	142393	141898	142025	0.23	cps
Lead	208-1	650039	645507	648587	648044	0.36	cps
Lithium	6-1	1946937	1938357	1948419	1944571	0.28	cps
Magnesium	24-2	308850	308022	305484	307452	0.57	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01DUP	Instrumnet Name :	P7
Client Sample ID :	390605752.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:41:36	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	164881	164673	165782	165112	0.36	cps
Molybdenum	94-1	3734	3851	3709	3765	2.01	cps
Molybdenum	95-1	800	792	750	781	3.43	cps
Molybdenum	96-1	1475	1208	1642	1442	15.17	cps
Molybdenum	97-1	492	458	367	439	14.75	cps
Molybdenum	98-1	1200	1108	1408	1239	12.41	cps
Neodymium	150-1	17999	17538	18660	18066	3.12	cps
Neodymium	150-2	8433	8226	8626	8428	2.38	cps
Nickel	60-2	25305	25436	25613	25451	0.61	cps
Phosphorus	31-2	2859	2942	2950	2917	1.74	cps
Potassium	39-2	299748	298240	300264	299417	0.35	cps
Rhodium	103-1	4258180	4227638	4197314	4227711	0.72	cps
Rhodium	103-2	2139896	2163730	2150676	2151434	0.55	cps
Scandium	45-1	3399655	3368550	3384277	3384161	0.46	cps
Scandium	45-2	156247	156044	156079	156123	0.07	cps
Selenium	77-2	40	37	37	38	5.09	cps
Selenium	78-2	46	50	44	47	6.03	cps
Selenium	82-1	64	84	57	68	20.24	cps
Silicon	28-1	14352900	14360981	14322297	14345393	0.14	cps
Silver	109-1	375	358	442	392	11.26	cps
Silver	107-1	467	417	383	422	9.94	cps
Sodium	23-2	1181113	1172039	1186529	1179894	0.62	cps
Strontium	86-1	98820	97186	99024	98343	1.02	cps
Strontium	88-1	862940	859036	861381	861119	0.23	cps
Sulfur	34-1	233485	231427	233680	232864	0.54	cps
Terbium	159-1	7345118	7232867	7269546	7282511	0.79	cps
Terbium	159-2	3988498	4000471	4044473	4011147	0.73	cps
Thallium	203-1	2475	2084	2150	2236	9.37	cps
Thallium	205-1	5301	4959	5168	5143	3.35	cps
Thorium	232-1	6213	5846	5851	5970	3.52	cps
Tin	118-1	3426609	3397365	3386856	3403610	0.61	cps
Titanium	47-1	12277	11072	12446	11932	6.28	cps
Uranium	238-1	50432	50013	50416	50287	0.47	cps
Vanadium	51-2	2000	2154	2267	2140	6.25	cps
Yttrium	89-1	5576944	5566202	5552647	5565264	0.22	cps
Yttrium	89-2	868969	876084	880479	875177	0.66	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01DUP	Instrumnet Name :	P7
Client Sample ID :	390605752.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:41:36	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	290622	289121	292257	290667	0.54	cps
Zirconium	90-1	9378	9337	9612	9442	1.57	cps
Zirconium	91-1	1884	2167	1842	1964	9.01	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01LX5	Instrumnet Name :	P7
Client Sample ID :	390605752.1L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-10 12:45:13	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8936	8928	9720	9195	4.95	cps
Antimony	121-1	383	492	333	403	20.10	cps
Arsenic	75-1	5	-45	134	31	297.32	cps
Barium	135-1	16802	16310	16944	16686	1.99	cps
Barium	137-1	28280	27344	28622	28082	2.36	cps
Beryllium	9-1	453	370	397	407	10.47	cps
Bismuth	209-1	4742662	4915740	4727707	4795370	2.18	cps
Bismuth	209-2	3159617	3149550	3181825	3163664	0.52	cps
Boron	10-1	1508	1558	1692	1586	5.97	cps
Boron	11-1	7202	7044	6702	6982	3.66	cps
Cadmium	111-1	1942	1824	2036	1934	5.51	cps
Cadmium	106-1	2292	2150	2409	2284	5.67	cps
Cadmium	108-1	29	33	42	35	18.33	cps
Calcium	43-1	213552	212107	210875	212178	0.63	cps
Calcium	44-1	3425851	3426744	3418204	3423600	0.14	cps
Chromium	52-2	1567	1547	1590	1568	1.38	cps
Cobalt	59-2	25269	25439	25726	25478	0.91	cps
Copper	63-2	810762	810947	812757	811489	0.14	cps
Dysprosium	156-1	3776	3442	3492	3570	5.04	cps
Dysprosium	156-2	2137	2164	2184	2161	1.08	cps
Erbium	164-1	3292	2834	3234	3120	8.00	cps
Erbium	164-2	1733	1797	1800	1777	2.11	cps
Gadolinium	160-1	3442	3784	3742	3656	5.10	cps
Gadolinium	160-2	2537	2247	2617	2467	7.89	cps
Holmium	165-1	7158768	7224944	7214423	7199378	0.49	cps
Holmium	165-2	4096521	4121767	4150057	4122782	0.65	cps
Indium	115-1	5018998	5034039	5040767	5031268	0.22	cps
Indium	115-2	1127217	1134843	1137796	1133285	0.48	cps
Iron	56-2	288833	293799	294138	292257	1.02	cps
Iron	57-2	8875	8758	8786	8807	0.69	cps
Krypton	83-1	203	123	220	182	28.36	cps
Lead	206-1	33988	34941	33537	34156	2.10	cps
Lead	207-1	30307	29539	30073	29973	1.31	cps
Lead	208-1	136184	137452	137203	136946	0.49	cps
Lithium	6-1	2006262	2000835	2002876	2003324	0.14	cps
Magnesium	24-2	62966	63401	64941	63769	1.63	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01LX5	Instrumnet Name :	P7
Client Sample ID :	390605752.1L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-10 12:45:13	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	34574	34310	34370	34418	0.40	cps
Molybdenum	94-1	792	1117	1325	1078	24.94	cps
Molybdenum	95-1	383	433	442	419	7.52	cps
Molybdenum	96-1	508	500	592	533	9.50	cps
Molybdenum	97-1	217	258	183	219	17.13	cps
Molybdenum	98-1	692	725	592	669	10.37	cps
Neodymium	150-1	3674	3741	3814	3743	1.87	cps
Neodymium	150-2	1650	1960	1633	1748	10.53	cps
Nickel	60-2	5261	5438	5354	5351	1.65	cps
Phosphorus	31-2	792	550	525	622	23.67	cps
Potassium	39-2	69471	70317	69488	69759	0.69	cps
Rhodium	103-1	4404790	4407098	4377966	4396618	0.37	cps
Rhodium	103-2	2207287	2208846	2226849	2214327	0.49	cps
Scandium	45-1	3494387	3474374	3480492	3483084	0.29	cps
Scandium	45-2	155654	157786	159743	157728	1.30	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	24	37	35	32	21.85	cps
Selenium	82-1	-18	70	-47	2	3556.82	cps
Silicon	28-1	3074178	3075181	3081715	3077025	0.13	cps
Silver	109-1	175	167	92	144	31.77	cps
Silver	107-1	208	108	167	161	31.18	cps
Sodium	23-2	246053	244698	247212	245988	0.51	cps
Strontium	86-1	21726	20749	20223	20899	3.65	cps
Strontium	88-1	179949	181249	180269	180489	0.38	cps
Sulfur	34-1	200184	199038	196377	198533	0.98	cps
Terbium	159-1	7429478	7500651	7462495	7464208	0.48	cps
Terbium	159-2	4007189	4035569	4048279	4030345	0.52	cps
Thallium	203-1	692	617	550	619	11.44	cps
Thallium	205-1	1567	1609	1408	1528	6.91	cps
Thorium	232-1	1517	1439	1550	1502	3.80	cps
Tin	118-1	720742	721149	729032	723641	0.65	cps
Titanium	47-1	2250	2484	2701	2478	9.10	cps
Uranium	238-1	10621	10480	10238	10446	1.86	cps
Vanadium	51-2	357	420	427	401	9.63	cps
Yttrium	89-1	5583798	5589211	5621358	5598122	0.36	cps
Yttrium	89-2	869783	870868	882265	874306	0.79	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01LX5	Instrumnet Name :	P7
Client Sample ID :	390605752.1L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-10 12:45:13	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	61329	62138	62346	61938	0.87	cps
Zirconium	90-1	2342	2142	2209	2231	4.57	cps
Zirconium	91-1	458	450	467	458	1.82	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01MS	Instrumnet Name :	P7
Client Sample ID :	390605752.1MS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:48:50	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	146183	147381	144206	145923	1.10	cps
Antimony	121-1	3459144	3509346	3476791	3481760	0.73	cps
Arsenic	75-1	729997	736208	724708	730305	0.79	cps
Barium	135-1	339855	345601	341078	342178	0.88	cps
Barium	137-1	591731	596031	586926	591563	0.77	cps
Beryllium	9-1	251086	251737	251768	251530	0.15	cps
Bismuth	209-1	4490838	4549960	4467447	4502748	0.94	cps
Bismuth	209-2	2994052	3012717	3048662	3018477	0.92	cps
Boron	10-1	57025	60254	59853	59044	2.98	cps
Boron	11-1	248811	258863	258720	255465	2.26	cps
Cadmium	111-1	251825	250538	253299	251887	0.55	cps
Cadmium	106-1	24547	24747	24589	24628	0.43	cps
Cadmium	108-1	16627	17156	16439	16741	2.22	cps
Calcium	43-1	974830	976992	972229	974684	0.24	cps
Calcium	44-1	15818949	15947611	15886897	15884485	0.41	cps
Chromium	52-2	576526	578483	584658	579889	0.73	cps
Cobalt	59-2	554028	551335	554932	553432	0.34	cps
Copper	63-2	3904615	3928119	3947933	3926889	0.55	cps
Dysprosium	156-1	349637	352704	350850	351064	0.44	cps
Dysprosium	156-2	129062	131017	131986	130688	1.14	cps
Erbium	164-1	13974	14525	14558	14352	2.28	cps
Erbium	164-2	7976	8216	8139	8110	1.51	cps
Gadolinium	160-1	17520	16619	17003	17047	2.65	cps
Gadolinium	160-2	10818	11108	11098	11008	1.50	cps
Holmium	165-1	6962270	7070656	6968650	7000526	0.87	cps
Holmium	165-2	3971054	3993662	4021802	3995506	0.64	cps
Indium	115-1	4630588	4695686	4637928	4654734	0.77	cps
Indium	115-2	1031168	1039839	1040718	1037241	0.51	cps
Iron	56-2	4989315	4991205	5000785	4993768	0.12	cps
Iron	57-2	130923	130795	128826	130181	0.90	cps
Krypton	83-1	157	160	210	176	17.02	cps
Lead	206-1	4544578	4593255	4825471	4654434	3.23	cps
Lead	207-1	4160870	4191707	4186313	4179630	0.39	cps
Lead	208-1	19129251	19344105	19591530	19354962	1.20	cps
Lithium	6-1	1908997	1920710	1902985	1910897	0.47	cps
Magnesium	24-2	527512	527175	532356	529015	0.55	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01MS	Instrumnet Name :	P7
Client Sample ID :	390605752.1MS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:48:50	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	354943	355992	357544	356160	0.37	cps
Molybdenum	94-1	530561	536583	519065	528736	1.68	cps
Molybdenum	95-1	910255	920417	912623	914432	0.58	cps
Molybdenum	96-1	983398	987262	969855	980172	0.93	cps
Molybdenum	97-1	573160	578839	563641	571880	1.34	cps
Molybdenum	98-1	1479308	1495198	1471093	1481866	0.83	cps
Neodymium	150-1	17325	18653	17245	17741	4.46	cps
Neodymium	150-2	8243	8146	8246	8211	0.69	cps
Nickel	60-2	293306	292896	293862	293355	0.17	cps
Phosphorus	31-2	19488	19213	19280	19327	0.74	cps
Potassium	39-2	1455733	1456528	1483898	1465386	1.09	cps
Rhodium	103-1	4100131	4131513	4076522	4102722	0.67	cps
Rhodium	103-2	2063891	2057988	2071938	2064606	0.34	cps
Scandium	45-1	3249322	3257658	3246299	3251093	0.18	cps
Scandium	45-2	147667	149383	147094	148048	0.80	cps
Selenium	77-2	9073	9103	9410	9195	2.03	cps
Selenium	78-2	30354	30339	30823	30505	0.90	cps
Selenium	82-1	183070	181916	182415	182467	0.32	cps
Silicon	28-1	16912713	17147642	16964662	17008339	0.73	cps
Silver	109-1	411736	410136	406089	409321	0.71	cps
Silver	107-1	429981	428605	425300	427962	0.56	cps
Sodium	23-2	1791266	1779518	1814387	1795057	0.99	cps
Strontium	86-1	414098	422344	416515	417652	1.01	cps
Strontium	88-1	3613366	3662551	3607904	3627940	0.83	cps
Sulfur	34-1	223238	222131	216618	220663	1.61	cps
Terbium	159-1	7147068	7279158	7153220	7193149	1.04	cps
Terbium	159-2	3909702	3936965	3949577	3932081	0.52	cps
Thallium	203-1	11259586	11438964	11400976	11366509	0.83	cps
Thallium	205-1	27176818	27451837	27453917	27360858	0.58	cps
Thorium	232-1	10427	10794	10466	10562	1.91	cps
Tin	118-1	6177601	6285219	6289443	6250755	1.01	cps
Titanium	47-1	148557	151557	151042	150386	1.07	cps
Uranium	238-1	49880	51704	50022	50535	2.01	cps
Vanadium	51-2	360159	359940	360487	360195	0.08	cps
Yttrium	89-1	5345453	5441208	5342519	5376394	1.04	cps
Yttrium	89-2	836138	838601	847580	840773	0.72	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01MS	Instrumnet Name :	P7
Client Sample ID :	390605752.1MS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:48:50	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	316426	314668	317197	316097	0.41	cps
Zirconium	90-1	17320	17296	16635	17084	2.27	cps
Zirconium	91-1	4559	4284	4159	4334	4.72	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01MSD	Instrumnet Name :	P7
Client Sample ID :	390605752.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:52:26	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	146393	145942	148842	147059	1.06	cps
Antimony	121-1	3494825	3477885	3519007	3497239	0.59	cps
Arsenic	75-1	742822	728162	732116	734367	1.03	cps
Barium	135-1	345126	343960	347496	345527	0.52	cps
Barium	137-1	601187	600250	605843	602427	0.50	cps
Beryllium	9-1	252763	253092	256081	253979	0.72	cps
Bismuth	209-1	4553852	4527976	4583132	4554987	0.61	cps
Bismuth	209-2	3028565	3050210	3035377	3038050	0.36	cps
Boron	10-1	59510	58975	60706	59730	1.48	cps
Boron	11-1	258298	262409	272607	264438	2.79	cps
Cadmium	111-1	252936	251620	255760	253439	0.83	cps
Cadmium	106-1	24138	24864	25140	24714	2.09	cps
Cadmium	108-1	17023	17290	16806	17040	1.42	cps
Calcium	43-1	971554	970822	972824	971733	0.10	cps
Calcium	44-1	15797527	15875952	15925533	15866337	0.41	cps
Chromium	52-2	584884	586639	587304	586276	0.21	cps
Cobalt	59-2	549932	553378	550908	551406	0.32	cps
Copper	63-2	3920917	3939368	3936759	3932348	0.25	cps
Dysprosium	156-1	354204	357736	355593	355844	0.50	cps
Dysprosium	156-2	130882	132434	131885	131734	0.60	cps
Erbium	164-1	14642	14650	14909	14734	1.03	cps
Erbium	164-2	8423	8216	8439	8359	1.49	cps
Gadolinium	160-1	16978	16978	17387	17114	1.38	cps
Gadolinium	160-2	11168	11375	11305	11283	0.93	cps
Holmium	165-1	6957501	7028217	7064694	7016804	0.78	cps
Holmium	165-2	3987892	4037993	4019430	4015105	0.63	cps
Indium	115-1	4626370	4620662	4677801	4641611	0.68	cps
Indium	115-2	1041700	1054060	1042507	1046089	0.66	cps
Iron	56-2	5059000	5105881	5069814	5078231	0.48	cps
Iron	57-2	130144	132806	132224	131724	1.06	cps
Krypton	83-1	147	173	127	149	15.73	cps
Lead	206-1	4829598	4883513	4918723	4877278	0.92	cps
Lead	207-1	4201420	4168899	4217830	4196050	0.59	cps
Lead	208-1	19634723	19664763	19847818	19715768	0.59	cps
Lithium	6-1	1901909	1904922	1924164	1910332	0.63	cps
Magnesium	24-2	527847	532491	531558	530632	0.46	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01MSD	Instrumnet Name :	P7
Client Sample ID :	390605752.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:52:26	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	345570	350801	348777	348383	0.76	cps
Molybdenum	94-1	530147	526802	530828	529259	0.41	cps
Molybdenum	95-1	914398	915534	921429	917120	0.41	cps
Molybdenum	96-1	977737	982167	983611	981172	0.31	cps
Molybdenum	97-1	572813	571141	573596	572517	0.22	cps
Molybdenum	98-1	1486307	1477569	1484791	1482889	0.31	cps
Neodymium	150-1	17945	17618	18039	17868	1.24	cps
Neodymium	150-2	8176	8063	8319	8186	1.57	cps
Nickel	60-2	292910	296799	295311	295006	0.67	cps
Phosphorus	31-2	19005	19639	19205	19283	1.68	cps
Potassium	39-2	1476592	1503864	1500097	1493518	0.99	cps
Rhodium	103-1	4074472	4073753	4116452	4088225	0.60	cps
Rhodium	103-2	2061777	2073236	2076798	2070604	0.38	cps
Scandium	45-1	3227479	3251286	3281368	3253378	0.83	cps
Scandium	45-2	149646	150929	150394	150323	0.43	cps
Selenium	77-2	8910	9550	9326	9262	3.51	cps
Selenium	78-2	31200	31163	30898	31087	0.53	cps
Selenium	82-1	182788	182781	183768	183112	0.31	cps
Silicon	28-1	16891508	16847221	17163671	16967467	1.01	cps
Silver	109-1	412934	411608	416908	413817	0.67	cps
Silver	107-1	431618	429459	429379	430152	0.30	cps
Sodium	23-2	1815392	1810838	1824507	1816912	0.38	cps
Strontium	86-1	422739	421846	421081	421889	0.20	cps
Strontium	88-1	3641956	3643065	3655021	3646681	0.20	cps
Sulfur	34-1	216424	216177	216333	216311	0.06	cps
Terbium	159-1	7154752	7215779	7287133	7219221	0.92	cps
Terbium	159-2	3923604	3965019	3961438	3950020	0.58	cps
Thallium	203-1	11455676	11484451	11567203	11502443	0.50	cps
Thallium	205-1	27591714	27848440	28051759	27830638	0.83	cps
Thorium	232-1	7458	7658	7597	7571	1.35	cps
Tin	118-1	6304404	6317388	6416585	6346125	0.97	cps
Titanium	47-1	149996	148197	150206	149466	0.74	cps
Uranium	238-1	49411	50491	49830	49911	1.09	cps
Vanadium	51-2	363378	364400	366025	364601	0.37	cps
Yttrium	89-1	5346359	5364100	5448480	5386313	1.01	cps
Yttrium	89-2	843910	849535	845892	846446	0.34	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01MSD	Instrumnet Name :	P7
Client Sample ID :	390605752.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:52:26	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	314664	318678	316670	316671	0.63	cps
Zirconium	90-1	18112	18638	19088	18613	2.63	cps
Zirconium	91-1	4768	4751	4809	4776	0.63	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01A	Instrumnet Name :	P7
Client Sample ID :	390605752.1A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:56:04	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	148236	149478	149038	148917	0.42	cps
Antimony	121-1	3552464	3506476	3525719	3528220	0.65	cps
Arsenic	75-1	745243	729776	739540	738186	1.06	cps
Barium	135-1	347769	344123	349839	347243	0.83	cps
Barium	137-1	605397	594895	603522	601271	0.93	cps
Beryllium	9-1	249492	249950	248464	249302	0.31	cps
Bismuth	209-1	4542181	4584633	4540912	4555909	0.55	cps
Bismuth	209-2	3048779	3042764	3072358	3054634	0.51	cps
Boron	10-1	59953	59167	60723	59947	1.30	cps
Boron	11-1	262120	264726	269412	265420	1.39	cps
Cadmium	111-1	255876	252426	255271	254524	0.72	cps
Cadmium	106-1	24506	24748	24180	24478	1.16	cps
Cadmium	108-1	17261	16960	17173	17131	0.90	cps
Calcium	43-1	986298	987736	975355	983130	0.69	cps
Calcium	44-1	16100973	16147094	16124231	16124099	0.14	cps
Chromium	52-2	593371	589623	595064	592686	0.47	cps
Cobalt	59-2	563453	560067	566502	563340	0.57	cps
Copper	63-2	3983397	4017911	4035110	4012139	0.66	cps
Dysprosium	156-1	352513	351396	352732	352214	0.20	cps
Dysprosium	156-2	131723	132117	134467	132769	1.12	cps
Erbium	164-1	14450	14842	14517	14603	1.44	cps
Erbium	164-2	8146	8323	8279	8249	1.12	cps
Gadolinium	160-1	18271	17278	17837	17796	2.80	cps
Gadolinium	160-2	11578	11231	10925	11245	2.91	cps
Holmium	165-1	7076575	7061510	7074223	7070769	0.11	cps
Holmium	165-2	4034703	4054719	4083510	4057644	0.60	cps
Indium	115-1	4735304	4700186	4697737	4711076	0.45	cps
Indium	115-2	1052905	1051261	1064456	1056207	0.68	cps
Iron	56-2	5095711	5105394	5124575	5108560	0.29	cps
Iron	57-2	132190	133961	133878	133343	0.75	cps
Krypton	83-1	157	200	150	169	16.07	cps
Lead	206-1	4837983	4648626	4897370	4794660	2.71	cps
Lead	207-1	4178960	4236207	4242154	4219107	0.83	cps
Lead	208-1	19637464	19550792	19784658	19657638	0.60	cps
Lithium	6-1	1891712	1890017	1893074	1891601	0.08	cps
Magnesium	24-2	534374	527992	539707	534024	1.10	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01A	Instrumnet Name :	P7
Client Sample ID :	390605752.1A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:56:04	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	355467	357910	360785	358054	0.74	cps
Molybdenum	94-1	536734	535814	537963	536837	0.20	cps
Molybdenum	95-1	937561	926948	930176	931562	0.58	cps
Molybdenum	96-1	998590	995238	991662	995163	0.35	cps
Molybdenum	97-1	580924	581249	584592	582255	0.35	cps
Molybdenum	98-1	1484799	1493394	1506694	1494962	0.74	cps
Neodymium	150-1	17732	18453	17839	18008	2.16	cps
Neodymium	150-2	7849	8279	8143	8090	2.72	cps
Nickel	60-2	297034	298977	302788	299600	0.98	cps
Phosphorus	31-2	18787	18979	19230	18999	1.17	cps
Potassium	39-2	1496496	1502686	1512433	1503872	0.53	cps
Rhodium	103-1	4126818	4130012	4131920	4129583	0.06	cps
Rhodium	103-2	2076824	2097820	2110569	2095071	0.81	cps
Scandium	45-1	3291013	3289449	3281524	3287329	0.15	cps
Scandium	45-2	151343	150374	152949	151556	0.86	cps
Selenium	77-2	9460	9380	9336	9392	0.67	cps
Selenium	78-2	31219	31068	31317	31201	0.40	cps
Selenium	82-1	185081	184794	184768	184881	0.09	cps
Silicon	28-1	17095902	17025733	17062505	17061380	0.21	cps
Silver	109-1	419449	416613	414982	417015	0.54	cps
Silver	107-1	439527	429965	427939	432477	1.43	cps
Sodium	23-2	1823807	1806918	1839502	1823409	0.89	cps
Strontium	86-1	425010	428767	420204	424661	1.01	cps
Strontium	88-1	3680355	3678229	3636518	3665034	0.67	cps
Sulfur	34-1	213330	212637	212722	212897	0.18	cps
Terbium	159-1	7273235	7267518	7299159	7279971	0.23	cps
Terbium	159-2	3977472	3968514	4009676	3985221	0.54	cps
Thallium	203-1	11422203	11511090	11484461	11472585	0.40	cps
Thallium	205-1	27633261	27751874	28010979	27798704	0.69	cps
Thorium	232-1	8742	8887	9109	8913	2.07	cps
Tin	118-1	6395274	6405309	6392412	6397665	0.11	cps
Titanium	47-1	150517	148442	151993	150317	1.19	cps
Uranium	238-1	51210	50165	49328	50234	1.88	cps
Vanadium	51-2	370362	365299	369931	368531	0.76	cps
Yttrium	89-1	5426062	5447078	5417239	5430127	0.28	cps
Yttrium	89-2	850336	856093	861551	855993	0.66	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	K3269-01A	Instrumnet Name :	P7
Client Sample ID :	390605752.1A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 12:56:04	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	318264	320588	323272	320708	0.78	cps
Zirconium	90-1	16986	17670	16886	17180	2.48	cps
Zirconium	91-1	4401	4659	4134	4398	5.97	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 13:02:36	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2650669	2644706	2665917	2653764	0.41	cps
Antimony	121-1	2178884	2165522	2140160	2161522	0.91	cps
Arsenic	75-1	476518	469650	465944	470704	1.14	cps
Barium	135-1	3028180	3020999	2987556	3012245	0.72	cps
Barium	137-1	5442103	5425436	5380661	5416067	0.59	cps
Beryllium	9-1	569077	566075	561397	565516	0.68	cps
Bismuth	209-1	4123034	4160967	4214369	4166123	1.10	cps
Bismuth	209-2	2663450	2700189	2734978	2699539	1.32	cps
Boron	10-1	87277	86681	88769	87576	1.23	cps
Boron	11-1	374770	373545	385141	377819	1.69	cps
Cadmium	111-1	635652	633202	623916	630923	0.98	cps
Cadmium	106-1	74396	71472	72803	72890	2.01	cps
Cadmium	108-1	49089	48303	48984	48792	0.87	cps
Calcium	43-1	3719122	3653856	3631611	3668197	1.24	cps
Calcium	44-1	60657716	59745726	59475516	59959653	1.03	cps
Chromium	52-2	667502	667391	675185	670026	0.67	cps
Cobalt	59-2	980347	975900	985516	980587	0.49	cps
Copper	63-2	1335574	1342701	1355090	1344455	0.73	cps
Dysprosium	156-1	92	117	133	114	18.41	cps
Dysprosium	156-2	100	90	73	88	15.35	cps
Erbium	164-1	33	33	42	36	13.33	cps
Erbium	164-2	17	23	17	19	20.36	cps
Gadolinium	160-1	67	50	8	42	72.12	cps
Gadolinium	160-2	103	140	137	127	16.00	cps
Holmium	165-1	6827365	6907634	6774372	6836457	0.98	cps
Holmium	165-2	3823985	3874308	3875913	3858069	0.77	cps
Indium	115-1	4340559	4290027	4342941	4324509	0.69	cps
Indium	115-2	977690	987930	997339	987653	1.00	cps
Iron	56-2	135137217	134490431	136266761	135298136	0.66	cps
Iron	57-2	3366128	3392656	3408175	3388986	0.63	cps
Krypton	83-1	183	160	133	159	15.75	cps
Lead	206-1	2052788	2061469	2025451	2046569	0.92	cps
Lead	207-1	1886980	1895429	1882625	1888345	0.34	cps
Lead	208-1	8393608	8432688	8334630	8386975	0.59	cps
Lithium	6-1	1783501	1791592	1775112	1783402	0.46	cps
Magnesium	24-2	26964266	26795607	27118853	26959575	0.60	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 13:02:36	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	835656	833434	843699	837597	0.64	cps
Molybdenum	94-1	4797975	4764582	4725006	4762521	0.77	cps
Molybdenum	95-1	5826849	5773622	5716123	5772198	0.96	cps
Molybdenum	96-1	6511638	6432555	6342307	6428834	1.32	cps
Molybdenum	97-1	3536047	3481225	3467233	3494835	1.04	cps
Molybdenum	98-1	9335391	9238499	9162293	9245394	0.94	cps
Neodymium	150-1	447	333	287	356	23.14	cps
Neodymium	150-2	50	47	53	50	6.66	cps
Nickel	60-2	236561	237620	240492	238224	0.85	cps
Phosphorus	31-2	25297	25706	24780	25261	1.84	cps
Potassium	39-2	14099423	14051827	14183619	14111623	0.47	cps
Rhodium	103-1	3702822	3672237	3726714	3700591	0.74	cps
Rhodium	103-2	1817021	1839316	1863651	1839996	1.27	cps
Scandium	45-1	3145028	3105619	3065059	3105235	1.29	cps
Scandium	45-2	140293	142631	142181	141702	0.88	cps
Selenium	77-2	2174	2200	2234	2202	1.37	cps
Selenium	78-2	7372	7193	7665	7410	3.22	cps
Selenium	82-1	43668	43394	43327	43463	0.42	cps
Silicon	28-1	1801188	1808676	1803406	1804424	0.21	cps
Silver	109-1	2686830	2667599	2632281	2662237	1.04	cps
Silver	107-1	2792919	2757700	2738866	2763162	0.99	cps
Sodium	23-2	53245088	53436215	53956872	53546058	0.69	cps
Strontium	86-1	781082	773295	756943	770440	1.60	cps
Strontium	88-1	6963408	6844603	6814342	6874118	1.15	cps
Sulfur	34-1	452363	445230	438658	445417	1.54	cps
Terbium	159-1	6992946	6976270	6902798	6957338	0.69	cps
Terbium	159-2	3718193	3757343	3801004	3758846	1.10	cps
Thallium	203-1	2535203	2537622	2501457	2524761	0.80	cps
Thallium	205-1	6320032	6359622	6247890	6309181	0.90	cps
Thorium	232-1	10886277	10943675	10849403	10893118	0.44	cps
Tin	118-1	1907814	1881450	1856473	1881912	1.36	cps
Titanium	47-1	1695233	1665749	1648992	1669991	1.40	cps
Uranium	238-1	10120037	10150374	10097308	10122573	0.26	cps
Vanadium	51-2	562499	566236	570974	566570	0.75	cps
Yttrium	89-1	5074550	5027831	4946233	5016205	1.29	cps
Yttrium	89-2	778158	785213	794616	785996	1.05	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 13:02:36	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	217432	217799	219436	218222	0.49	cps
Zirconium	90-1	3989030	3931431	3925233	3948565	0.89	cps
Zirconium	91-1	902904	892481	888422	894602	0.84	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 13:06:13	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	400	408	342	383	9.48	cps
Antimony	121-1	2067	2450	2500	2339	10.14	cps
Arsenic	75-1	88	96	67	84	17.56	cps
Barium	135-1	908	475	458	614	41.56	cps
Barium	137-1	1142	975	733	950	21.61	cps
Beryllium	9-1	433	337	267	346	24.22	cps
Bismuth	209-1	4879078	4688919	4691886	4753294	2.29	cps
Bismuth	209-2	3091689	3167881	3182061	3147210	1.54	cps
Boron	10-1	4951	3992	4267	4404	11.21	cps
Boron	11-1	20715	19672	17561	19316	8.32	cps
Cadmium	111-1	1864	1601	1546	1671	10.17	cps
Cadmium	106-1	2325	2109	1992	2142	7.90	cps
Cadmium	108-1	25	29	21	25	16.68	cps
Calcium	43-1	983	750	800	845	14.55	cps
Calcium	44-1	17812	15609	14466	15962	10.65	cps
Chromium	52-2	540	503	407	483	14.25	cps
Cobalt	59-2	150	157	150	152	2.53	cps
Copper	63-2	593	613	610	606	1.77	cps
Dysprosium	156-1	8	50	33	31	68.64	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	42	42	25	36	26.65	cps
Erbium	164-2	7	17	3	9	78.08	cps
Gadolinium	160-1	8	8	8	8	0.00	cps
Gadolinium	160-2	133	123	100	119	14.39	cps
Holmium	165-1	7157400	7163298	7147436	7156044	0.11	cps
Holmium	165-2	4015434	4110449	4140541	4088808	1.60	cps
Indium	115-1	5073320	5064089	5046988	5061466	0.26	cps
Indium	115-2	1130077	1152347	1160104	1147509	1.36	cps
Iron	56-2	21472	19614	17856	19647	9.20	cps
Iron	57-2	600	511	594	569	8.76	cps
Krypton	83-1	167	143	173	161	9.78	cps
Lead	206-1	839	767	850	819	5.53	cps
Lead	207-1	861	778	678	772	11.89	cps
Lead	208-1	3811	3639	3339	3597	6.65	cps
Lithium	6-1	2019393	2017036	2007053	2014494	0.33	cps
Magnesium	24-2	3567	3417	2875	3287	11.07	cps

LB Number : LB103322 Operator : Jaswal
 Lab Sample ID : CCB65 Instrumnet Name : P7
 Client Sample ID : CCB65 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-10 13:06:13 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	167	133	143	148	11.57	cps
Molybdenum	94-1	2417	2409	2250	2359	3.98	cps
Molybdenum	95-1	3434	2967	2509	2970	15.58	cps
Molybdenum	96-1	3667	3176	2817	3220	13.26	cps
Molybdenum	97-1	2317	1667	1809	1931	17.71	cps
Molybdenum	98-1	5485	5185	4534	5068	9.59	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	63	80	72	11.62	cps
Phosphorus	31-2	108	142	100	117	18.89	cps
Potassium	39-2	11872	12181	11780	11944	1.76	cps
Rhodium	103-1	4576237	4396671	4409300	4460736	2.25	cps
Rhodium	103-2	2201880	2246436	2244599	2230972	1.13	cps
Scandium	45-1	3522851	3469103	3499957	3497304	0.77	cps
Scandium	45-2	157847	160037	161283	159722	1.09	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	31	20	30	27	21.92	cps
Selenium	82-1	36	74	48	52	37.22	cps
Silicon	28-1	113176	110877	109549	111201	1.65	cps
Silver	109-1	708	617	533	619	14.13	cps
Silver	107-1	583	742	583	636	14.37	cps
Sodium	23-2	14232	13215	11638	13028	10.03	cps
Strontium	86-1	375	500	442	439	14.25	cps
Strontium	88-1	1792	1725	1358	1625	14.36	cps
Sulfur	34-1	190233	187446	193077	190252	1.48	cps
Terbium	159-1	7392292	7377505	7392929	7387575	0.12	cps
Terbium	159-2	3937152	4039760	4049027	4008646	1.55	cps
Thallium	203-1	1959	1483	1500	1647	16.37	cps
Thallium	205-1	4343	3667	3742	3917	9.45	cps
Thorium	232-1	3673	3445	2917	3345	11.59	cps
Tin	118-1	1492	1458	1483	1478	1.17	cps
Titanium	47-1	425	408	342	392	11.26	cps
Uranium	238-1	2167	1992	1692	1950	12.32	cps
Vanadium	51-2	97	47	43	62	48.02	cps
Yttrium	89-1	5591141	5585284	5607229	5594551	0.20	cps
Yttrium	89-2	862599	881635	885168	876467	1.39	cps

LB Number :	LB103322	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2019-06-10 13:06:13	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	210	254	244	236	9.62	cps
Zirconium	90-1	1492	1400	1225	1372	9.87	cps
Zirconium	91-1	342	375	267	328	16.93	cps