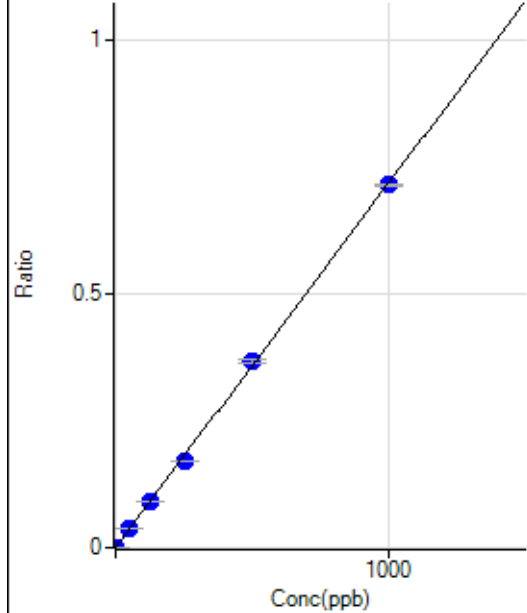


Batch Folder: D:\ICP-MS Data\P7090319 MS .b\
Analysis File: P7090319 MS .batch.bin
DA Date-Time: 2019-09-03 18:16:27
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	006CALB P7090319 MS.D	S00	2019-09-03 15:18:33
2	007CAL5 P7090319 MS.D	S02	2019-09-03 15:22:09
3	008CAL5 P7090319 MS.D	S03	2019-09-03 15:26:04
4	009CAL5 P7090319 MS.D	S04	2019-09-03 15:30:10
5	010CAL5 P7090319 MS.D	S05	2019-09-03 15:33:59
6	011CAL5 P7090319 MS.D	S06	2019-09-03 15:37:46
7	012CAL5 P7090319 MS.D	S07	2019-09-03 15:41:32
8	013CAL5 P7090319 MS.D	S08	2019-09-03 15:45:19

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	150.00	0.0000	P	11.7
2	☐	1.000	0.946	2456.91	0.0007	P	1.6
3	☐	50.000	50.741	125074.13	0.0364	P	0.7
4	☐	125.000	127.659	302752.21	0.0915	P	1.2
5	☐	250.000	239.499	544388.79	0.1717	P	0.3
6	☐	500.000	513.218	1122982.07	0.3678	P	2.0
7	☐	1000.000	995.647	2233827.81	0.7135	P	0.6
8	☐			414.46	0.0001	P	10.4

$$y = 7.1658\text{E-}004 * x + 4.2861\text{E-}005$$

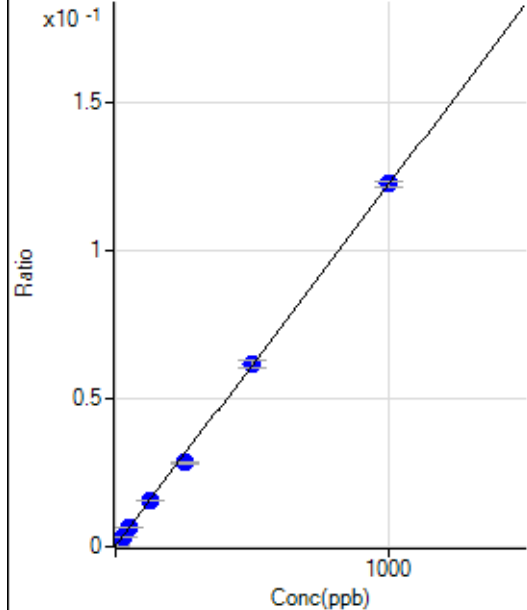
$$R = 0.9998$$

$$DL = 0.02106$$

$$BEC = 0.05981$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1116.75	0.0003	P	11.3
2	☐	25.000	22.852	10576.36	0.0031	P	1.0
3	☐	50.000	49.111	21649.54	0.0063	P	0.9
4	☐	125.000	125.193	51499.69	0.0156	P	1.4
5	☐	250.000	231.224	90322.19	0.0285	P	2.2
6	☐	500.000	503.797	188307.11	0.0617	P	3.7
7	☐	1000.000	1002.869	383444.42	0.1225	P	1.3
8	☐			17052.05	0.0056	P	8.1

$$y = 1.2181\text{E-}004 * x + 3.1894\text{E-}004$$

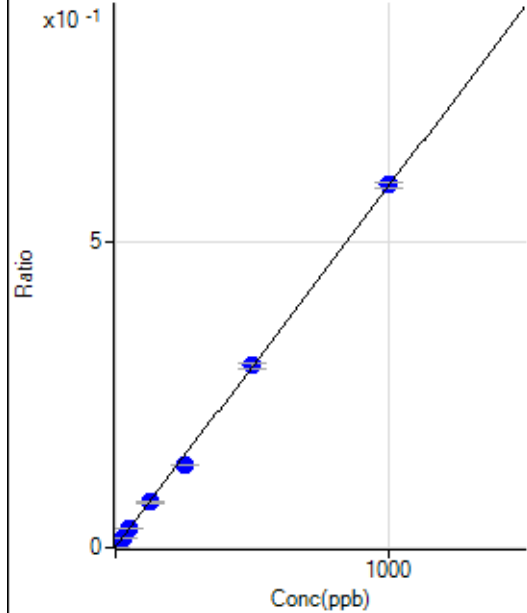
$$R = 0.9998$$

$$DL = 0.8864$$

$$BEC = 2.618$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5403.95	0.0015	P	3.0
2	☐	25.000	22.307	50092.35	0.0147	P	2.1
3	☐	50.000	48.432	103414.26	0.0301	P	0.8
4	☐	125.000	123.029	245048.48	0.0741	P	1.2
5	☐	250.000	228.466	432044.98	0.1362	P	0.9
6	☐	500.000	502.630	909345.67	0.2979	P	3.7
7	☐	1000.000	1004.461	1858960.18	0.5938	P	1.8
8	☐			83171.93	0.0275	P	8.5

$$y = 5.8958\text{E-}004 * x + 0.0015$$

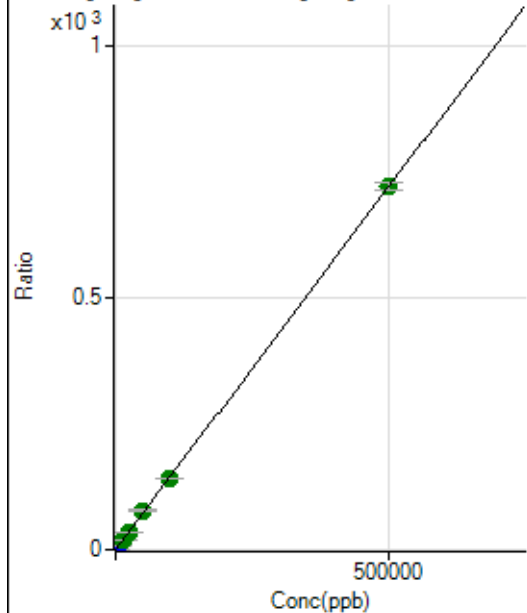
$$R = 0.9997$$

$$DL = 0.2384$$

$$BEC = 2.618$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	28235.81	0.0530	P	0.5
2	☐	500.000	476.119	386796.66	0.7374	P	0.6
3	☐	5000.000	4974.499	3725507.94	7.2035	P	0.7
4	☐	12500.000	12685.904	9146532.15	18.2881	A	0.6
5	☐	25000.000	23457.840	16486299.50	33.7720	A	0.6
6	☐	50000.000	53281.625	35831704.27	76.6417	A	4.4
7	☐	100000.00	97729.355	72883135.66	140.5324	A	0.7
8	☐	500000.00	500198.70	377281561.21	719.0552	A	2.2

$$y = 0.0014 * x + 0.0530$$

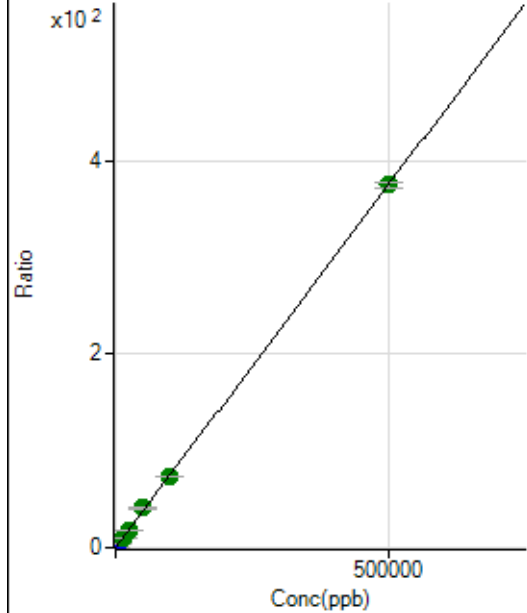
$$R = 1.0000$$

$$DL = 0.5343$$

$$BEC = 36.85$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	833.39	0.0016	P	4.2
2	☐	500.000	506.277	199964.64	0.3812	P	1.4
3	☐	5000.000	5167.565	2004891.99	3.8766	P	0.5
4	☐	12500.000	12906.623	4841240.13	9.6798	A	0.4
5	☐	25000.000	24015.179	8791746.46	18.0098	A	0.4
6	☐	50000.000	54336.973	19049721.95	40.7471	A	4.4
7	☐	100000.00	98673.449	38375091.48	73.9937	A	0.6
8	☐	500000.00	499869.00	196679454.40	374.8375	A	1.9

$$y = 7.4987\text{E-}004 * x + 0.0016$$

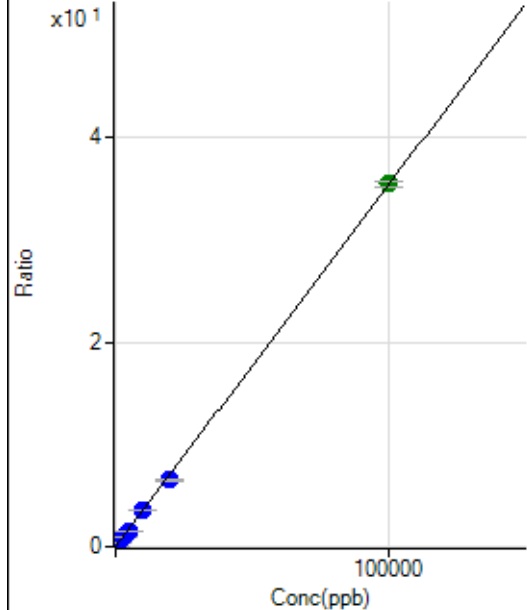
$$R = 0.9999$$

$$DL = 0.2647$$

$$BEC = 2.085$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	108.34	0.0002	P	7.7
2	☐	20.000	18.476	3533.88	0.0067	P	3.7
3	☐	1000.000	951.025	174005.76	0.3364	P	0.6
4	☐	2500.000	2414.691	427089.64	0.8539	P	0.2
5	☐	5000.000	4474.932	772441.08	1.5823	P	0.8
6	☐	10000.000	10154.475	1678955.68	3.5904	P	3.7
7	☐	20000.000	18407.714	3375425.64	6.5084	P	0.8
8	☐	100000.00	100331.88	18613534.27	35.4732	A	1.7

$$y = 3.5356\text{E-}004 * x + 2.0325\text{E-}004$$

$$R = 0.9999$$

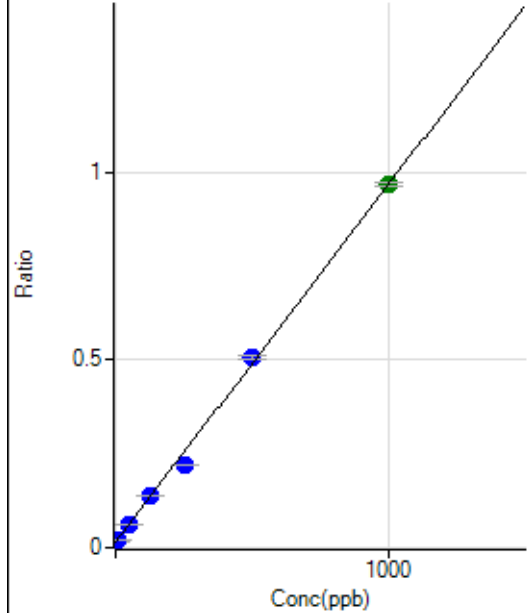
$$DL = 0.1325$$

$$BEC = 0.5749$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	139502.91	0.0146	P	2.0
2	☐	10.000	7.570	202025.10	0.0218	P	0.4
3	☐	50.000	49.881	579503.52	0.0622	P	1.4
4	☐	125.000	130.292	1243563.36	0.1388	P	1.2
5	☐	250.000	215.404	1925244.51	0.2200	P	0.3
6	☐	500.000	518.412	4365374.84	0.5088	P	2.4
7	☐	1000.000	998.812	8728826.58	0.9668	A	1.1
8	☐			263832.78	0.0297	P	1.6

$$y = 9.5327\text{E-}004 * x + 0.0146$$

$$R = 0.9991$$

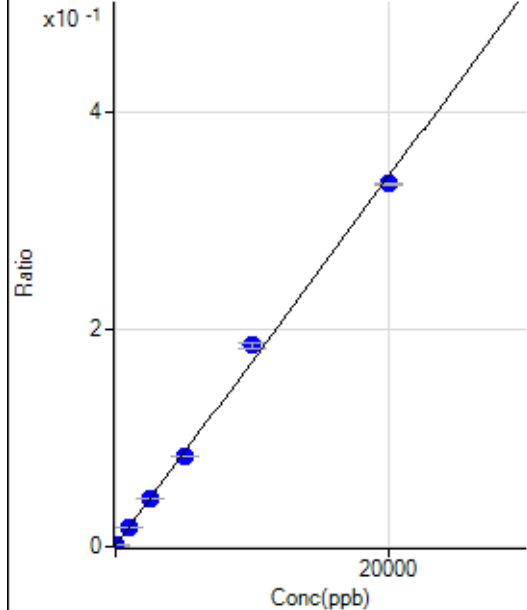
$$DL = 0.9265$$

$$BEC = 15.35$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-27.033	255.57	0.0005	P	10.8
2	☐	0.000	27.033	733.38	0.0014	P	10.5
3	☐	1000.000	1012.281	9383.90	0.0181	P	1.2
4	☐	2500.000	2561.225	22242.38	0.0445	P	2.2
5	☐	5000.000	4824.742	40489.24	0.0829	P	0.5
6	☐	10000.000	10858.894	86766.56	0.1855	P	2.8
7	☐	20000.000	19606.100	173310.12	0.3342	P	0.5
8	☐			344.46	0.0007	P	9.2

$$y = 1.6996\text{E-}005 * x + 9.3903\text{E-}004$$

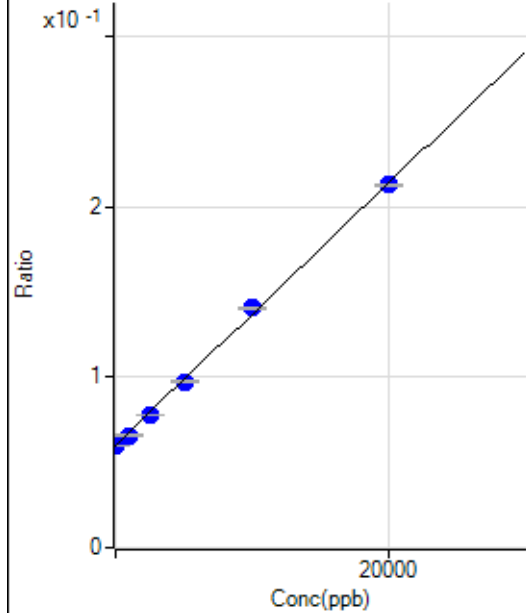
$$R = 0.9986$$

$$DL = 17.56$$

$$BEC = 55.25$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	28.004	577311.52	0.0605	P	0.4
2	☐	0.000	-28.004	555847.90	0.0601	P	0.5
3	☐	1000.000	736.744	615127.17	0.0660	P	1.3
4	☐	2500.000	2296.754	698772.43	0.0780	P	0.9
5	☐	5000.000	4829.666	853578.64	0.0975	P	0.4
6	☐	10000.000	10486.431	1210630.68	0.1411	P	0.7
7	☐	20000.000	19837.937	1924130.82	0.2131	P	0.5
8	☐			501187.02	0.0565	P	0.9

$$y = 7.7018\text{E-}006 * x + 0.0603$$

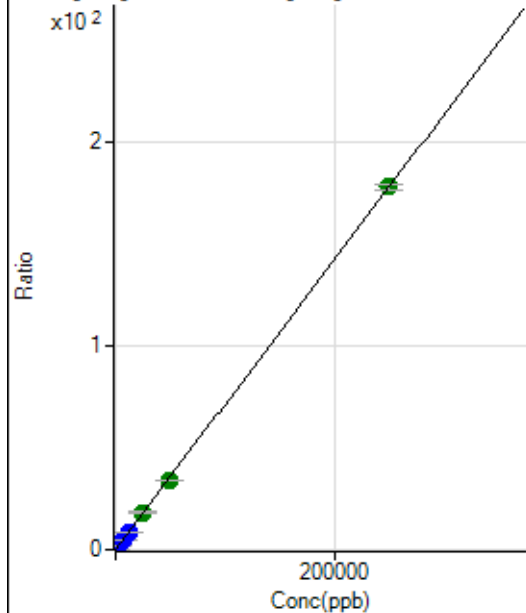
R = 0.9994

DL = 110.7

BEC = 7833

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27256.48	0.0511	P	1.5
2	☐	500.000	465.923	200475.68	0.3821	P	1.1
3	☐	2500.000	2416.523	914330.43	1.7679	P	0.3
4	☐	6250.000	6102.728	2194020.29	4.3867	P	0.4
5	☐	12500.000	11299.938	3943815.84	8.0790	P	0.8
6	☐	25000.000	25649.496	8544152.36	18.2733	A	4.0
7	☐	50000.000	47366.559	17478976.61	33.7018	A	0.7
8	☐	250000.00	250526.32	93416332.64	178.0329	A	1.8

$$y = 7.1043\text{E-}004 * x + 0.0511$$

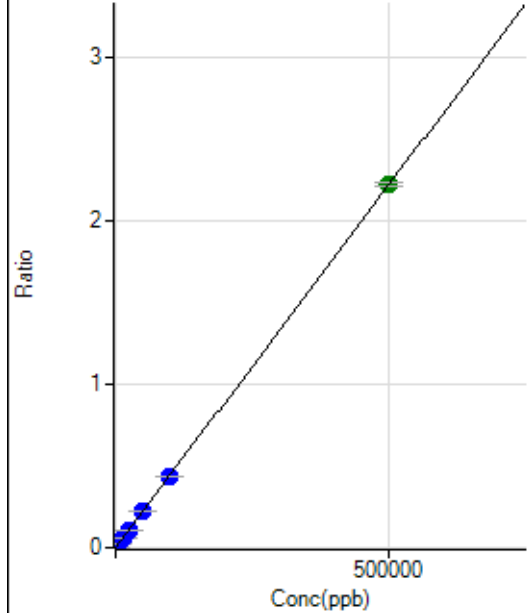
R = 0.9999

DL = 3.139

BEC = 71.98

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	186.12	0.0000	P	23.0
2	☐	500.000	472.496	19588.68	0.0021	P	2.4
3	☐	5000.000	4998.714	207136.52	0.0222	P	0.3
4	☐	12500.000	12521.487	498390.14	0.0556	P	0.6
5	☐	25000.000	23217.132	902826.64	0.1032	P	1.1
6	☐	50000.000	49779.808	1897468.10	0.2211	P	1.4
7	☐	100000.00	97357.823	3904873.14	0.4325	P	0.1
8	☐	500000.00	500639.10	19739557.04	2.2239	A	1.0

$$y = 4.4421\text{E-}006 * x + 1.9537\text{E-}005$$

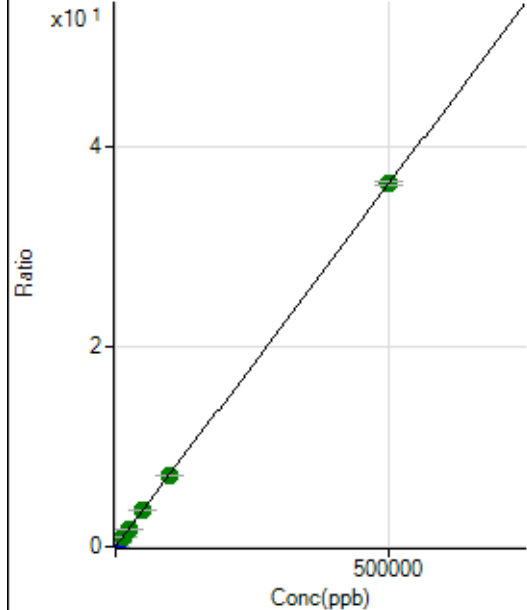
$$R = 1.0000$$

$$DL = 3.036$$

$$BEC = 4.398$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14374.53	0.0015	P	0.8
2	☐	500.000	462.706	323665.02	0.0350	P	0.8
3	☐	5000.000	4972.364	3368785.40	0.3615	P	0.6
4	☐	12500.000	12604.672	8186516.24	0.9140	A	0.5
5	☐	25000.000	23223.733	14727386.09	1.6827	A	0.6
6	☐	50000.000	49989.068	31061882.64	3.6202	A	1.3
7	☐	100000.00	97781.653	63922000.04	7.0800	A	0.4
8	☐	500000.00	500531.27	321621971.08	36.2352	A	1.0

$$y = 7.2390\text{E-}005 * x + 0.0015$$

$$R = 1.0000$$

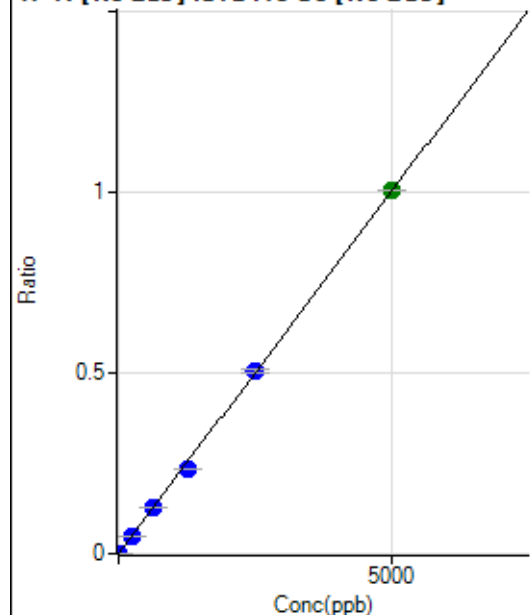
$$DL = 0.4723$$

$$BEC = 20.82$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	155.57	0.0000	P	30.7
2	☐	5.000	5.058	9536.81	0.0010	P	4.2
3	☐	250.000	250.516	468647.48	0.0503	P	0.5
4	☐	625.000	635.724	1142729.82	0.1276	P	0.2
5	☐	1250.000	1169.088	2053341.17	0.2346	P	0.4
6	☐	2500.000	2521.132	4340588.33	0.5059	P	1.7
7	☐	5000.000	5008.295	9073612.44	1.0050	A	0.2
8	☐			1855.75	0.0002	P	6.7

$$y = 2.0066E-004 * x + 1.6288E-005$$

$$R = 0.9998$$

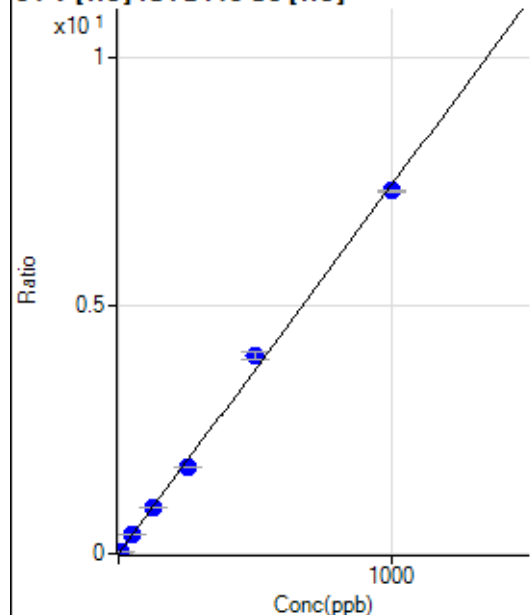
$$DL = 0.07486$$

$$BEC = 0.08117$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14.44	0.0000	P	13.1
2	☐	5.000	5.039	19676.63	0.0375	P	0.5
3	☐	50.000	50.355	193725.69	0.3746	P	0.6
4	☐	125.000	126.720	471441.08	0.9426	P	0.4
5	☐	250.000	235.081	853626.76	1.7486	P	0.4
6	☐	500.000	537.531	1869473.38	3.9984	P	4.1
7	☐	1000.000	984.731	3798756.23	7.3248	P	0.8
8	☐			794.48	0.0015	P	1.7

$$y = 0.0074 * x + 2.7091E-005$$

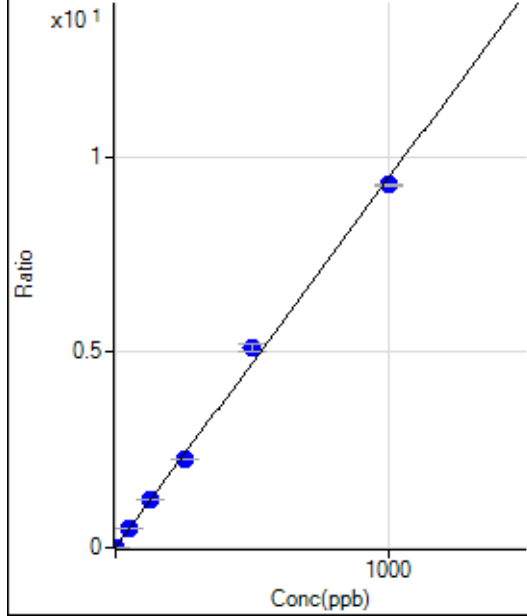
$$R = 0.9988$$

$$DL = 0.001432$$

$$BEC = 0.003642$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	988.94	0.0019	P	9.5
2	☐	2.000	1.969	10744.05	0.0205	P	2.7
3	☐	50.000	51.062	250769.35	0.4849	P	0.7
4	☐	125.000	128.056	606762.84	1.2132	P	0.7
5	☐	250.000	238.553	1102487.75	2.2585	P	0.7
6	☐	500.000	540.997	2393640.07	5.1194	P	4.1
7	☐	1000.000	981.928	4818203.19	9.2904	P	0.8
8	☐			132624.27	0.2528	P	2.1

$$y = 0.0095 * x + 0.0019$$

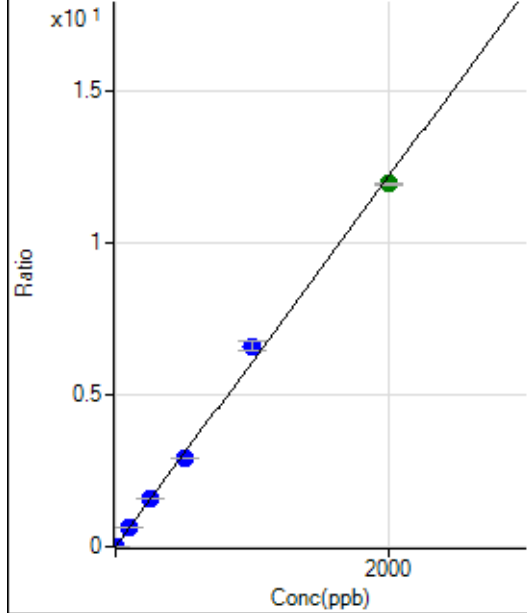
$$R = 0.9987$$

$$DL = 0.05561$$

$$BEC = 0.1961$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	167.78	0.0003	P	22.9
2	☐	1.000	1.002	3364.89	0.0064	P	1.6
3	☐	100.000	102.631	323225.79	0.6250	P	0.0
4	☐	250.000	257.511	784043.61	1.5676	P	0.3
5	☐	500.000	477.493	1418859.23	2.9065	P	0.7
6	☐	1000.000	1085.692	3089568.88	6.6083	P	4.3
7	☐	2000.000	1961.710	6192454.98	11.9401	A	0.6
8	☐			21630.55	0.0412	P	1.7

$$y = 0.0061 * x + 3.1454E-004$$

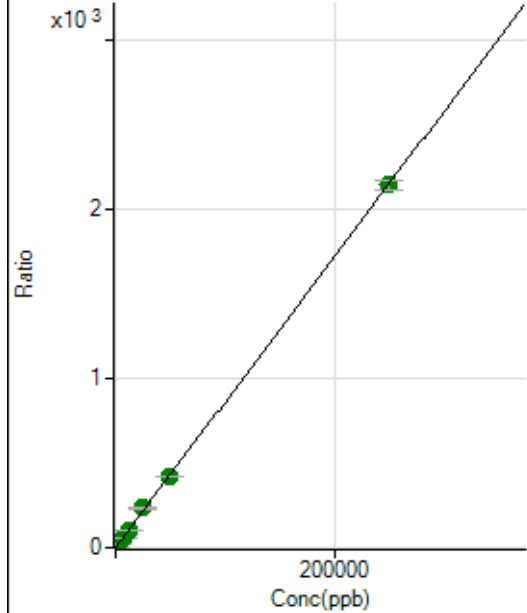
$$R = 0.9986$$

$$DL = 0.03548$$

$$BEC = 0.05168$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4447.10	0.0083	P	2.3
2	☐	50.000	52.057	238340.36	0.4544	P	0.9
3	☐	2500.000	2595.363	11505040.42	22.2457	A	0.4
4	☐	6250.000	6537.422	28019164.28	56.0217	A	0.2
5	☐	12500.000	12147.346	50812001.13	104.0882	A	0.6
6	☐	25000.000	27567.119	110440752.47	236.2066	A	4.1
7	☐	50000.000	49548.204	220179551.22	424.5430	A	0.2
8	☐	250000.00	249843.14	1123171432.5	2,140.692	A	2.3

$$y = 0.0086 * x + 0.0083$$

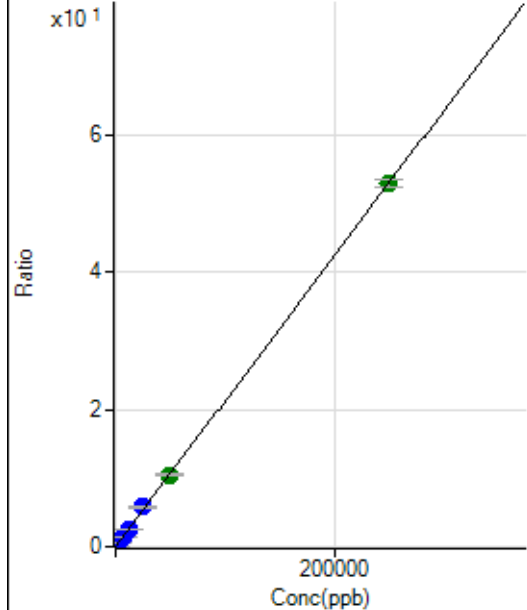
$$R = 0.9999$$

$$DL = 0.06689$$

$$BEC = 0.9738$$

Weight: <None>

Min Conc: 0

⁵⁷Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	133.34	0.0003	P	21.8
2	☐	50.000	55.093	6240.37	0.0119	P	3.4
3	☐	2500.000	2580.536	282223.42	0.5457	P	1.0
4	☐	6250.000	6515.237	688913.54	1.3774	P	0.6
5	☐	12500.000	12166.913	1255534.81	2.5720	P	1.0
6	☐	25000.000	27481.335	2716231.66	5.8090	P	3.9
7	☐	50000.000	49630.635	5440719.74	10.4908	A	0.7
8	☐	250000.00	249834.95	27708634.18	52.8084	A	2.0

$$y = 2.1137E-004 * x + 2.5010E-004$$

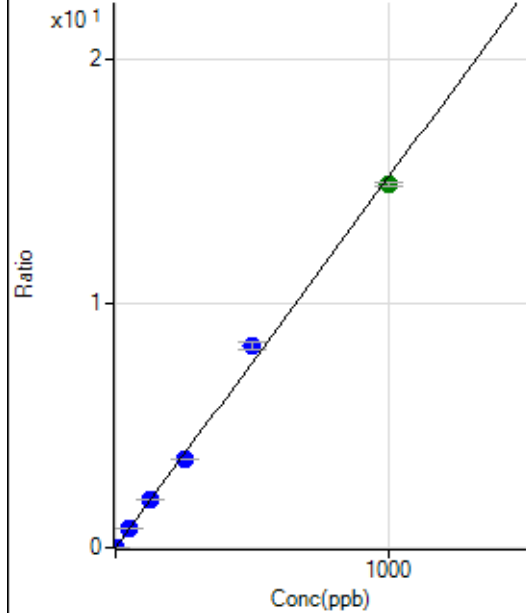
$$R = 0.9999$$

$$DL = 0.7755$$

$$BEC = 1.183$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	195.56	0.0004	P	22.5
2	☐	1.000	0.977	7971.17	0.0152	P	1.7
3	☐	50.000	52.107	409187.93	0.7912	P	0.2
4	☐	125.000	130.253	988852.10	1.9772	P	0.5
5	☐	250.000	240.621	1782877.00	3.6522	P	0.4
6	☐	500.000	544.670	3865524.66	8.2666	P	3.8
7	☐	1000.000	979.248	7707729.68	14.8621	A	1.0
8	☐			96012.12	0.1830	P	2.5

$$y = 0.0152 * x + 3.6677E-004$$

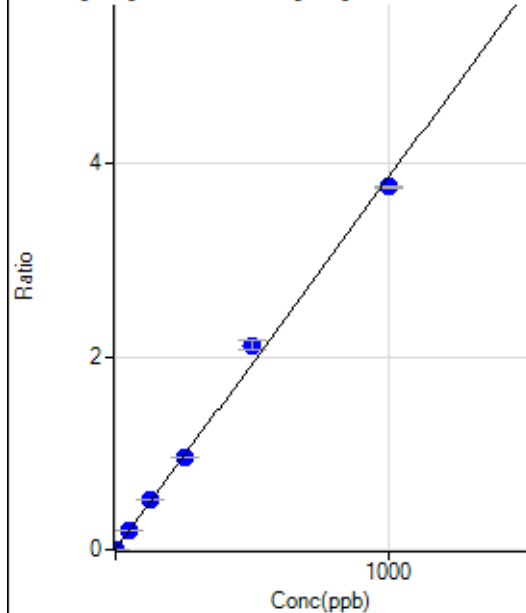
$$R = 0.9985$$

$$DL = 0.01629$$

$$BEC = 0.02417$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	222.23	0.0004	P	16.4
2	☐	1.000	1.072	2388.01	0.0046	P	2.7
3	☐	50.000	53.532	107012.14	0.2069	P	0.7
4	☐	125.000	133.215	257212.94	0.5143	P	1.0
5	☐	250.000	245.884	463228.86	0.9489	P	0.3
6	☐	500.000	549.677	991596.90	2.1208	P	4.1
7	☐	1000.000	974.987	1950758.84	3.7614	P	0.6
8	☐			52466.90	0.1000	P	1.7

$$y = 0.0039 * x + 4.1711E-004$$

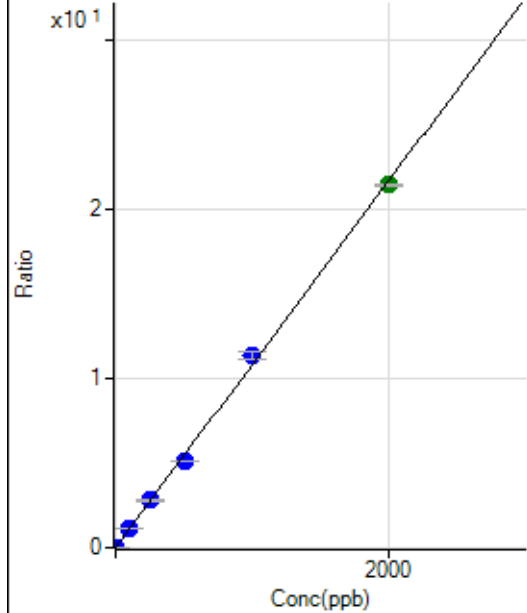
$$R = 0.9981$$

$$DL = 0.0531$$

$$BEC = 0.1081$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1315.64	0.0025	P	2.4
2	☐	2.000	1.942	12322.03	0.0235	P	1.4
3	☐	100.000	102.759	576591.59	1.1149	P	0.7
4	☐	250.000	257.125	1393396.70	2.7860	P	0.6
5	☐	500.000	471.592	2493398.78	5.1077	P	0.3
6	☐	1000.000	1052.231	5327148.95	11.3934	P	4.1
7	☐	2000.000	1979.958	11117438.03	21.4364	A	0.5
8	☐			19577.73	0.0373	P	1.2

$$y = 0.0108 * x + 0.0025$$

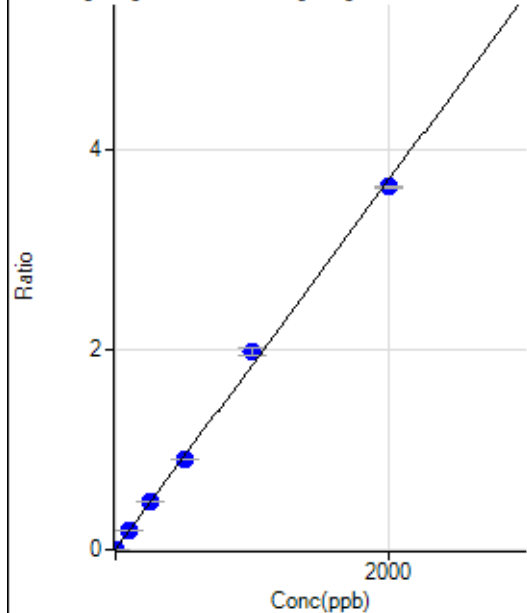
$$R = 0.9994$$

$$DL = 0.01611$$

$$BEC = 0.228$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	893.38	0.0017	P	4.2
2	☐	2.000	2.304	3109.30	0.0059	P	14.4
3	☐	100.000	104.965	101057.65	0.1954	P	0.3
4	☐	250.000	262.408	243044.61	0.4860	P	1.1
5	☐	500.000	489.860	442157.43	0.9058	P	0.8
6	☐	1000.000	1072.833	926573.82	1.9817	P	4.2
7	☐	2000.000	1964.319	1881066.50	3.6270	P	0.4
8	☐			18037.98	0.0344	P	1.7

$$y = 0.0018 * x + 0.0017$$

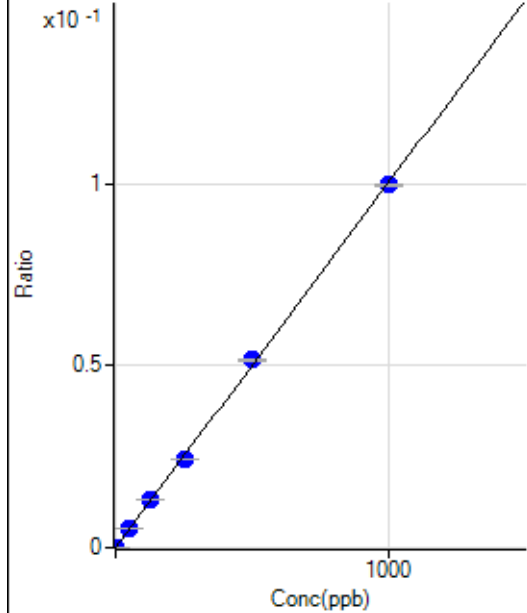
$$R = 0.9990$$

$$DL = 0.1135$$

$$BEC = 0.9082$$

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	-381.87	0.0000	P	-24.
2	☐	1.000	1.084	3262.84	0.0001	P	23.5
3	☐	50.000	51.429	172522.58	0.0051	P	1.0
4	☐	125.000	131.129	426506.09	0.0131	P	1.1
5	☐	250.000	241.360	773794.95	0.0242	P	0.5
6	☐	500.000	514.941	1617874.25	0.0516	P	1.4
7	☐	1000.000	993.852	3248275.39	0.0996	P	0.4
8	☐			3876.63	0.0001	P	3.0

$$y = 1.0026\text{E-}004 * x - 1.1090\text{E-}005$$

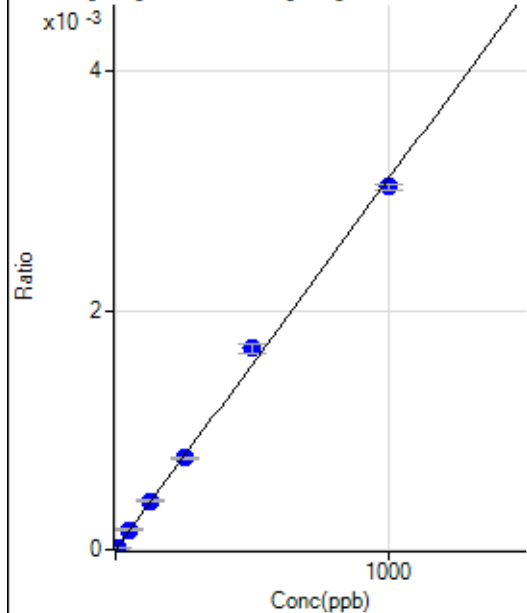
$$R = 0.9998$$

$$DL = 0.08063$$

$$BEC = -0.1106$$

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	1.11	0.0000	P	173.
2	☐	5.000	5.004	83.34	0.0000	P	31.7
3	☐	50.000	53.138	861.15	0.0002	P	5.1
4	☐	125.000	130.621	2057.96	0.0004	P	4.4
5	☐	250.000	246.826	3803.89	0.0008	P	1.3
6	☐	500.000	542.203	7958.99	0.0017	P	4.4
7	☐	1000.000	978.833	15597.48	0.0030	P	1.4
8	☐			11.11	0.0000	P	103.

$$y = 3.1003\text{E-}006 * x + 2.0635\text{E-}007$$

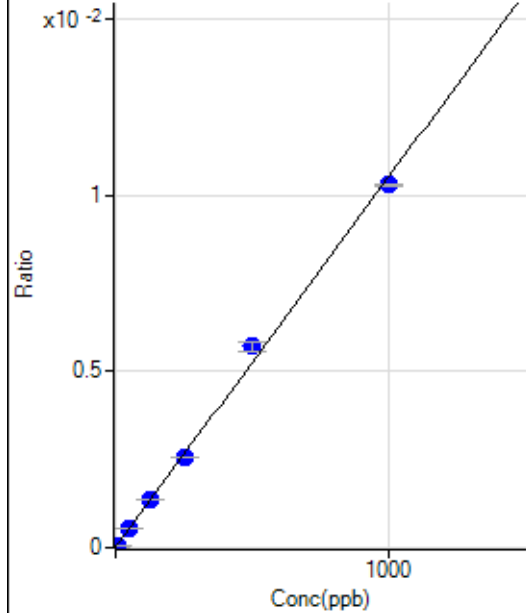
$$R = 0.9987$$

$$DL = 0.3458$$

$$BEC = 0.06656$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	45.06	0.0000	P	6.7
2	☐	5.000	5.502	350.63	0.0001	P	8.0
3	☐	50.000	52.010	2892.91	0.0006	P	0.5
4	☐	125.000	130.395	6993.10	0.0014	P	1.5
5	☐	250.000	244.662	12801.39	0.0026	P	0.7
6	☐	500.000	542.674	26998.00	0.0057	P	4.5
7	☐	1000.000	979.220	52856.96	0.0103	P	0.4
8	☐			70.37	0.0000	P	9.9

$$y = 1.0495\text{E-}005 * x + 8.3372\text{E-}006$$

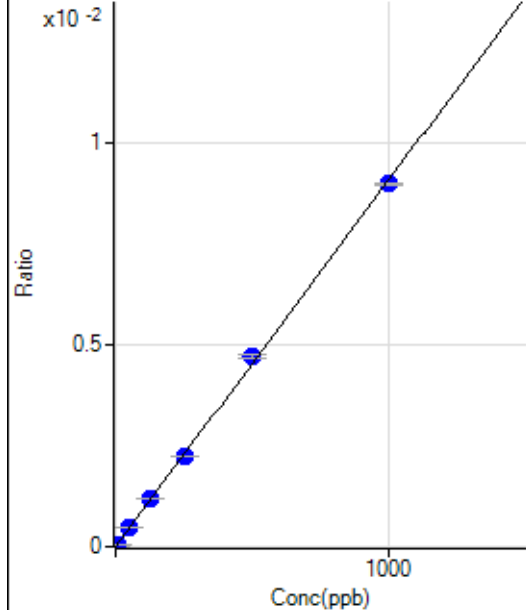
R = 0.9986

DL = 0.1599

BEC = 0.7944

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.86	0.0000	P	558.
2	☐	5.000	5.489	1667.50	0.0000	P	2.7
3	☐	50.000	52.963	16134.38	0.0005	P	0.6
4	☐	125.000	132.850	39185.25	0.0012	P	1.3
5	☐	250.000	245.146	71238.47	0.0022	P	0.3
6	☐	500.000	519.715	147959.22	0.0047	P	2.3
7	☐	1000.000	990.224	293247.94	0.0090	P	0.3
8	☐			130.74	0.0000	P	55.7

$$y = 9.0836\text{E-}006 * x + 1.1501\text{E-}007$$

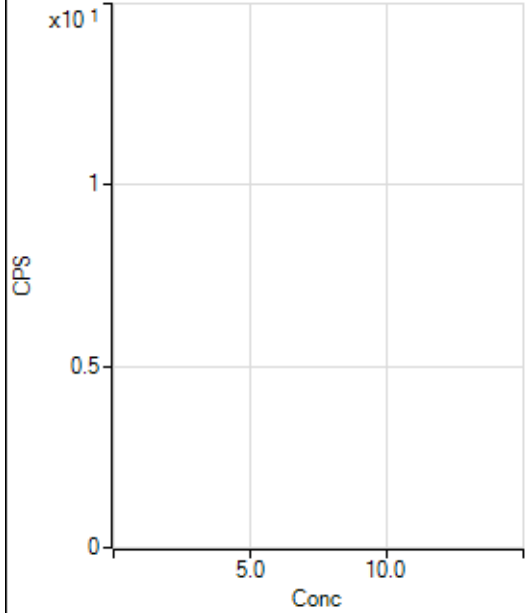
R = 0.9997

DL = 0.2122

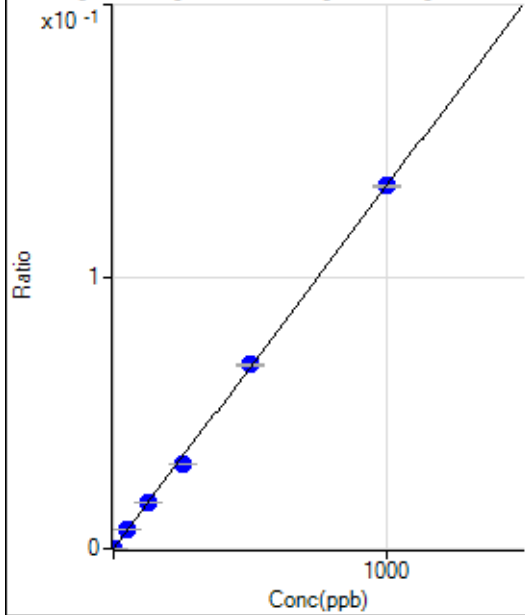
BEC = 0.01266

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			442.24		P	4.2
2	☐			332.23		P	2.3
3	☐			380.01		P	14.0
4	☐			393.35		P	10.6
5	☐			411.13		P	9.7
6	☐			352.23		P	1.1
7	☐			341.12		P	11.8
8	☐			354.46		P	6.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	713.94	0.0000	P	8.5
2	☐	1.000	0.966	4995.53	0.0001	P	1.3
3	☐	50.000	50.702	227634.05	0.0068	P	0.2
4	☐	125.000	128.262	556602.92	0.0171	P	0.2
5	☐	250.000	235.080	1004563.10	0.0314	P	0.5
6	☐	500.000	506.530	2120008.51	0.0676	P	1.5
7	☐	1000.000	1000.022	4352819.19	0.1335	P	0.6
8	☐			18498.63	0.0006	P	1.3

$$y = 1.3349E-004 * x + 2.0742E-005$$

$$R = 0.9998$$

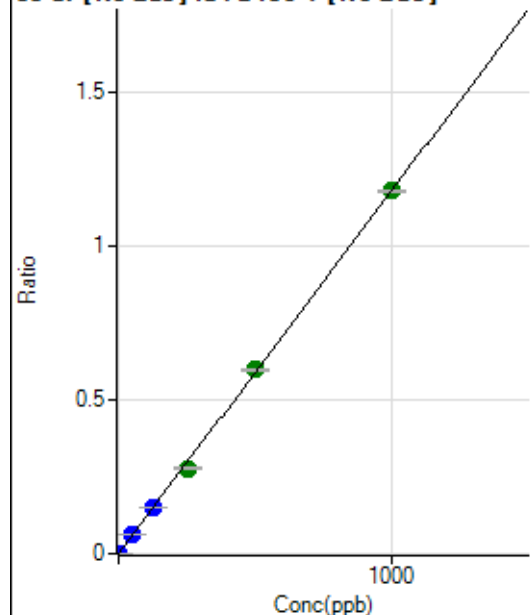
$$DL = 0.03952$$

$$BEC = 0.1554$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	161.12	0.0000	P	31.5
2	☐	1.000	0.953	37594.60	0.0011	P	2.9
3	☐	50.000	50.608	1996942.21	0.0596	P	0.2
4	☐	125.000	127.482	4870900.89	0.1500	P	0.1
5	☐	250.000	235.526	8866414.18	0.2772	A	0.5
6	☐	500.000	506.372	18675845.38	0.5959	A	2.0
7	☐	1000.000	1000.092	38367675.51	1.1769	A	0.2
8	☐			157916.73	0.0050	P	1.3

$$y = 0.0012 * x + 4.6851E-006$$

$$R = 0.9998$$

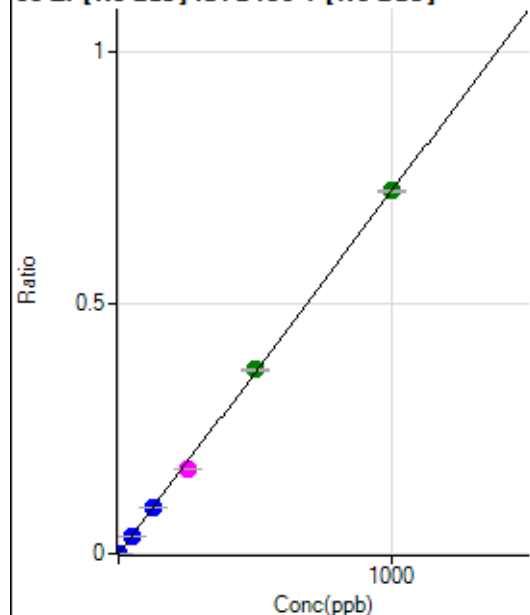
$$DL = 0.003758$$

$$BEC = 0.003981$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1639.06	0.0000	P	3.8
2	☐	1.000	0.876	22743.92	0.0007	P	0.5
3	☐	50.000	49.719	1207568.37	0.0360	P	0.2
4	☐	125.000	126.566	2974365.30	0.0916	P	0.7
5	☐	250.000	233.572	5406836.58	0.1690	M	0.5
6	☐	500.000	506.760	11491775.00	0.3666	A	1.4
7	☐	1000.000	1000.545	23599079.52	0.7239	A	0.4
8	☐			6596.23	0.0002	P	2.6

$$y = 7.2342E-004 * x + 4.7619E-005$$

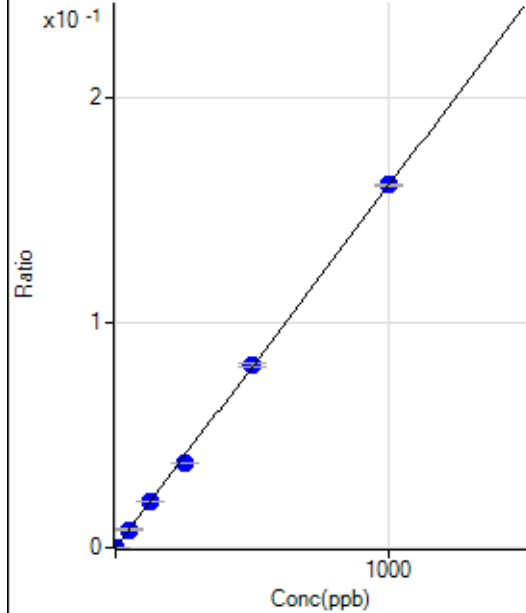
$$R = 0.9998$$

$$DL = 0.007555$$

$$BEC = 0.06582$$

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	288.91	0.0000	P	11.1
2	☐	1.000	0.896	5084.46	0.0002	P	6.2
3	☐	50.000	50.348	271661.45	0.0081	P	0.3
4	☐	125.000	126.201	658987.97	0.0203	P	0.5
5	☐	250.000	233.860	1202919.59	0.0376	P	0.5
6	☐	500.000	503.484	2537111.17	0.0809	P	1.6
7	☐	1000.000	1002.125	5252389.31	0.1611	P	0.6
8	☐			1452.92	0.0000	P	4.2

$$y = 1.6076\text{E-}004 * x + 8.3945\text{E-}006$$

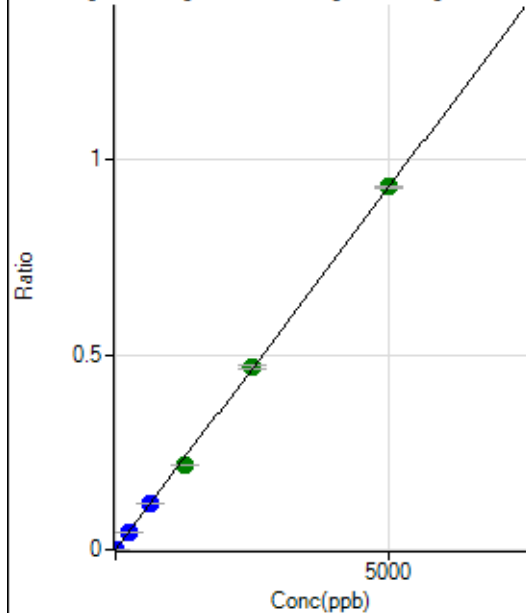
$$R = 0.9998$$

$$DL = 0.01733$$

$$BEC = 0.05222$$

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	647.27	0.0000	P	3.9
2	☐	5.000	4.477	28376.42	0.0009	P	1.5
3	☐	250.000	248.985	1551083.62	0.0463	P	0.4
4	☐	625.000	634.096	3824169.18	0.1178	P	0.3
5	☐	1250.000	1170.443	6954317.08	0.2174	A	0.6
6	☐	2500.000	2521.164	14676116.82	0.4683	A	1.5
7	☐	5000.000	5008.221	30323978.11	0.9301	A	0.5
8	☐			19733.81	0.0006	P	1.8

$$y = 1.8572\text{E-}004 * x + 1.8802\text{E-}005$$

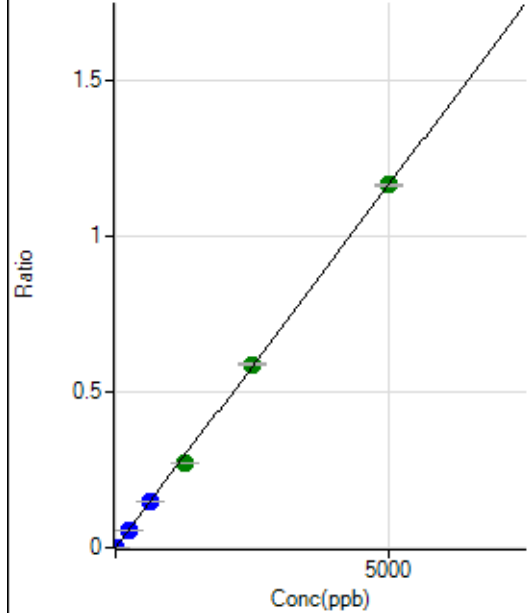
$$R = 0.9998$$

$$DL = 0.0118$$

$$BEC = 0.1012$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	161.12	0.0000	P	15.2
2	☐	5.000	4.534	35411.64	0.0011	P	1.7
3	☐	250.000	249.315	1947825.02	0.0581	P	0.3
4	☐	625.000	635.513	4807691.90	0.1481	P	0.5
5	☐	1250.000	1173.409	8745919.12	0.2734	A	0.7
6	☐	2500.000	2530.704	18481017.26	0.5896	A	1.3
7	☐	5000.000	5002.516	37998937.65	1.1656	A	0.8
8	☐			30639.27	0.0010	P	2.9

$$y = 2.3299\text{E-}004 * x + 4.6780\text{E-}006$$

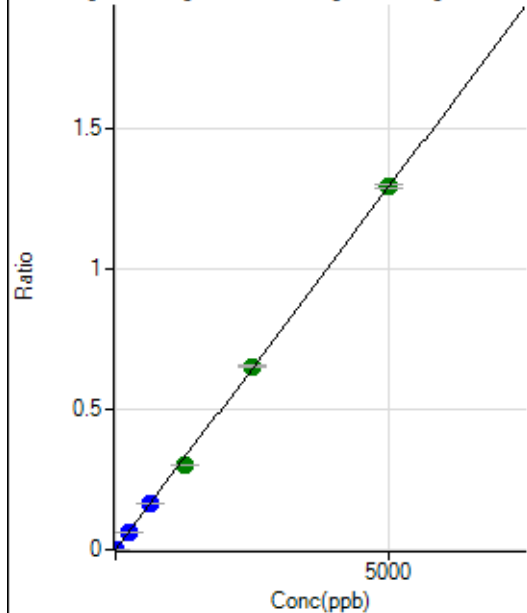
$$R = 0.9998$$

$$DL = 0.009159$$

$$BEC = 0.02008$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	291.68	0.0000	P	14.8
2	☐	5.000	4.611	40012.66	0.0012	P	1.0
3	☐	250.000	249.376	2158883.56	0.0644	P	0.5
4	☐	625.000	635.372	5325994.04	0.1640	P	0.7
5	☐	1250.000	1169.715	9660245.79	0.3020	A	0.8
6	☐	2500.000	2528.607	20460418.69	0.6528	A	1.4
7	☐	5000.000	5004.503	42121081.50	1.2920	A	0.9
8	☐			34244.83	0.0011	P	3.0

$$y = 2.5816\text{E-}004 * x + 8.4739\text{E-}006$$

$$R = 0.9998$$

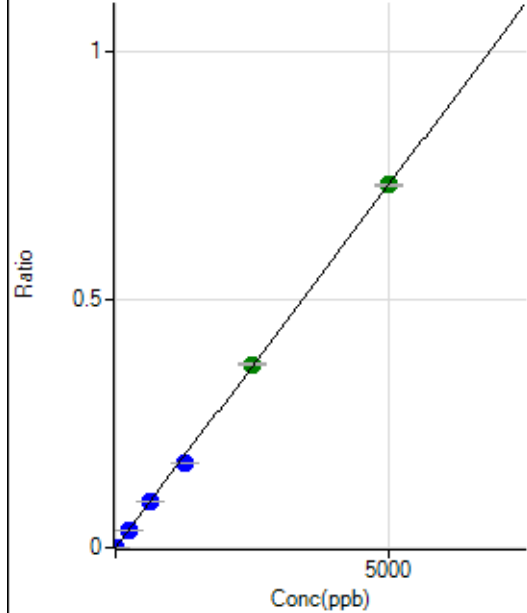
$$DL = 0.01459$$

$$BEC = 0.03282$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	119.45	0.0000	P	34.4
2	☐	5.000	4.614	22593.81	0.0007	P	1.5
3	☐	250.000	249.392	1220687.79	0.0364	P	0.5
4	☐	625.000	635.251	3010805.73	0.0927	P	0.2
5	☐	1250.000	1171.708	5471431.72	0.1710	P	0.0
6	☐	2500.000	2531.988	11584199.39	0.3696	A	1.4
7	☐	5000.000	5002.328	23805593.07	0.7302	A	0.8
8	☐			19080.14	0.0006	P	3.3

$$y = 1.4597E-004 * x + 3.4703E-006$$

$$R = 0.9998$$

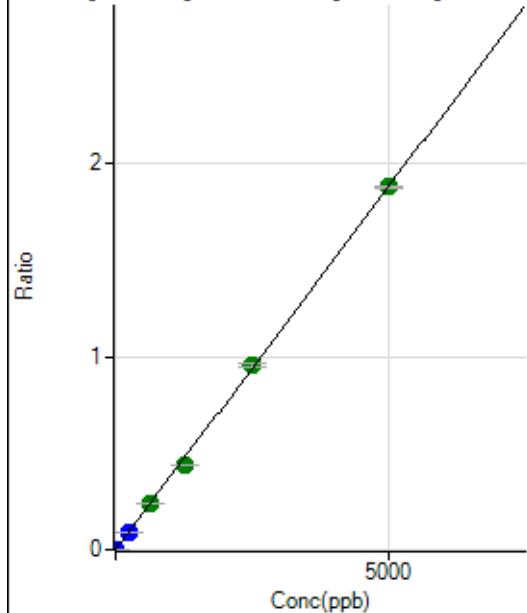
$$DL = 0.02456$$

$$BEC = 0.02377$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	230.57	0.0000	P	11.1
2	☐	5.000	4.685	58967.34	0.0018	P	2.8
3	☐	250.000	249.990	3149581.60	0.0939	P	0.2
4	☐	625.000	635.219	7749400.43	0.2387	A	0.2
5	☐	1250.000	1169.877	14061627.57	0.4396	A	0.2
6	☐	2500.000	2540.004	29912383.65	0.9544	A	1.3
7	☐	5000.000	4998.752	61232282.62	1.8782	A	0.5
8	☐			49040.91	0.0015	P	4.2

$$y = 3.7573E-004 * x + 6.6957E-006$$

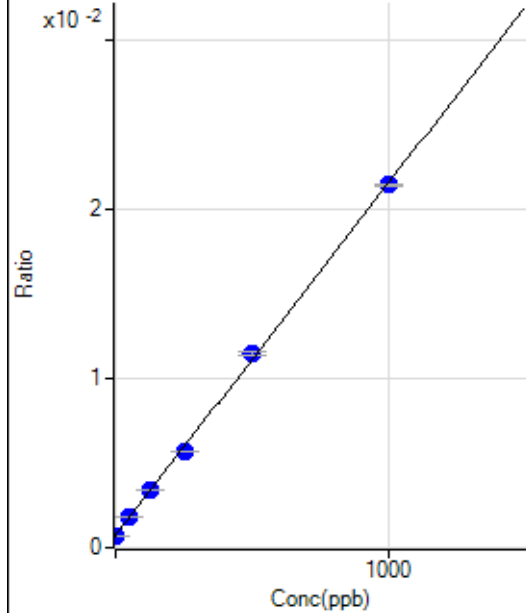
$$R = 0.9998$$

$$DL = 0.005918$$

$$BEC = 0.01782$$

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	17658.97	0.0007	P	1.5
2	☐	1.000	0.272	17277.86	0.0007	P	1.4
3	☐	50.000	51.322	42854.63	0.0018	P	1.4
4	☐	125.000	130.300	80609.93	0.0034	P	0.8
5	☐	250.000	238.325	133173.72	0.0057	P	0.1
6	☐	500.000	515.413	263238.31	0.0115	P	2.4
7	☐	1000.000	994.484	508387.54	0.0214	P	0.2
8	☐			16265.48	0.0007	P	1.6

$$y = 2.0823\text{E-}005 * x + 7.2190\text{E-}004$$

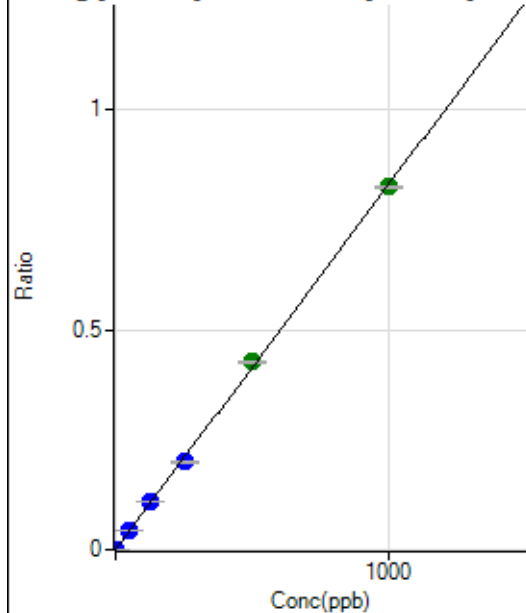
$$R = 0.9997$$

$$DL = 1.557$$

$$BEC = 34.67$$

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	400.02	0.0000	P	1.5
2	☐	1.000	0.969	19480.74	0.0008	P	2.5
3	☐	50.000	53.588	1064514.03	0.0445	P	0.5
4	☐	125.000	132.691	2583887.36	0.1101	P	0.5
5	☐	250.000	240.093	4667161.47	0.1992	P	0.6
6	☐	500.000	514.085	9803310.03	0.4265	A	1.6
7	☐	1000.000	994.293	19570946.96	0.8250	A	0.6
8	☐			1725.18	0.0001	P	8.5

$$y = 8.2967\text{E-}004 * x + 1.6353\text{E-}005$$

$$R = 0.9998$$

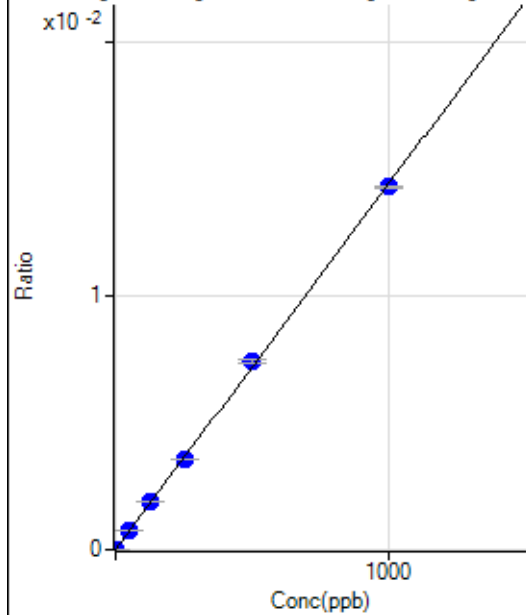
$$DL = 0.0009022$$

$$BEC = 0.01971$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.78	0.0000	P	39.2
2	☐	1.000	1.001	393.07	0.0000	P	8.9
3	☐	50.000	52.934	18288.44	0.0008	P	1.1
4	☐	125.000	133.049	44992.38	0.0019	P	0.9
5	☐	250.000	245.528	82848.99	0.0035	P	0.4
6	☐	500.000	514.988	170427.34	0.0074	P	1.4
7	☐	1000.000	992.471	338967.03	0.0143	P	0.4
8	☐			120.84	0.0000	P	14.8

$$y = 1.4394\text{E-}005 * x + 2.1542\text{E-}006$$

$$R = 0.9998$$

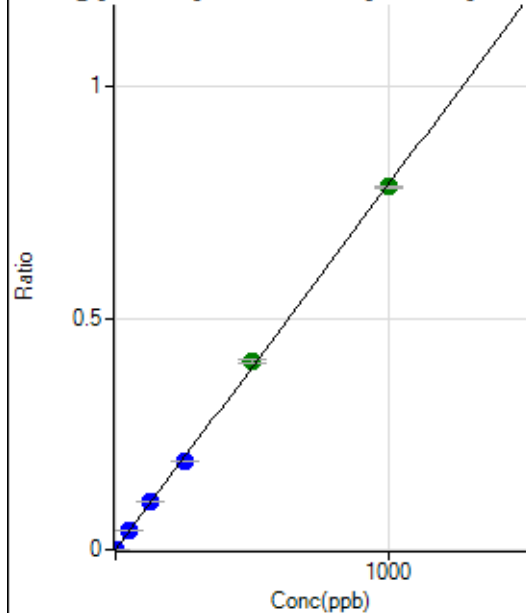
$$DL = 0.1761$$

$$BEC = 0.1497$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	150.01	0.0000	P	14.9
2	☐	1.000	0.977	18454.32	0.0008	P	0.6
3	☐	50.000	53.855	1017254.19	0.0425	P	0.2
4	☐	125.000	133.676	2475444.24	0.1055	P	0.7
5	☐	250.000	242.885	4490233.17	0.1917	P	0.5
6	☐	500.000	514.673	9333804.81	0.4061	A	2.1
7	☐	1000.000	993.165	18592153.71	0.7837	A	0.4
8	☐			1402.91	0.0001	P	6.0

$$y = 7.8908\text{E-}004 * x + 6.1347\text{E-}006$$

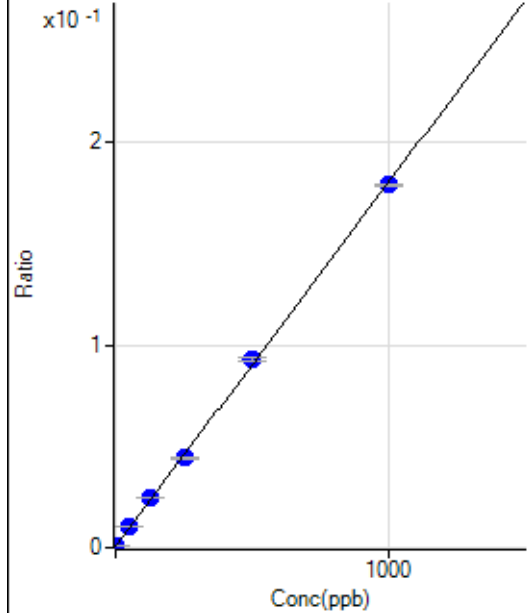
$$R = 0.9998$$

$$DL = 0.003484$$

$$BEC = 0.007774$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12413.22	0.0005	P	1.2
2	☐	1.000	0.980	16228.46	0.0007	P	0.8
3	☐	50.000	52.834	239169.14	0.0100	P	0.6
4	☐	125.000	132.898	571810.98	0.0244	P	0.5
5	☐	250.000	242.933	1033672.73	0.0441	P	0.4
6	☐	500.000	514.357	2134025.80	0.0929	P	1.7
7	☐	1000.000	993.459	4243307.25	0.1789	P	0.3
8	☐			11890.17	0.0005	P	1.2

$$y = 1.7953\text{E-}004 * x + 5.0747\text{E-}004$$

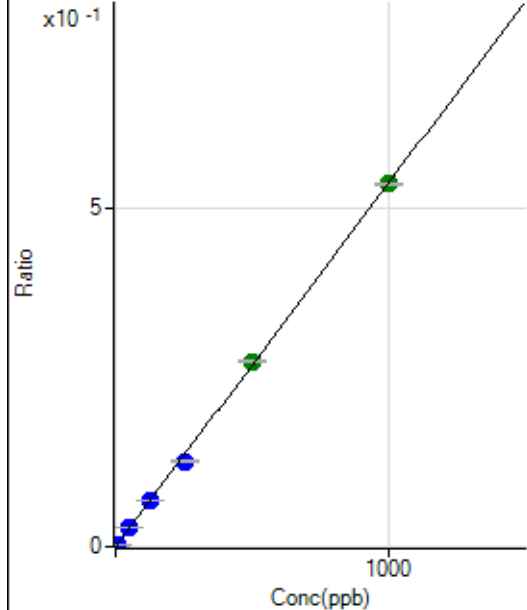
$$R = 0.9998$$

$$DL = 0.1001$$

$$BEC = 2.827$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2403.10	0.0001	P	5.5
2	☐	5.000	5.008	66100.34	0.0028	P	1.1
3	☐	50.000	51.436	662533.55	0.0277	P	0.2
4	☐	125.000	128.734	1622335.03	0.0691	P	0.7
5	☐	250.000	235.212	2957375.41	0.1262	P	0.6
6	☐	500.000	509.913	6287120.15	0.2735	A	1.4
7	☐	1000.000	998.202	12701465.21	0.5354	A	0.3
8	☐			6657.42	0.0003	P	4.1

$$y = 5.3626\text{E-}004 * x + 9.8263\text{E-}005$$

$$R = 0.9998$$

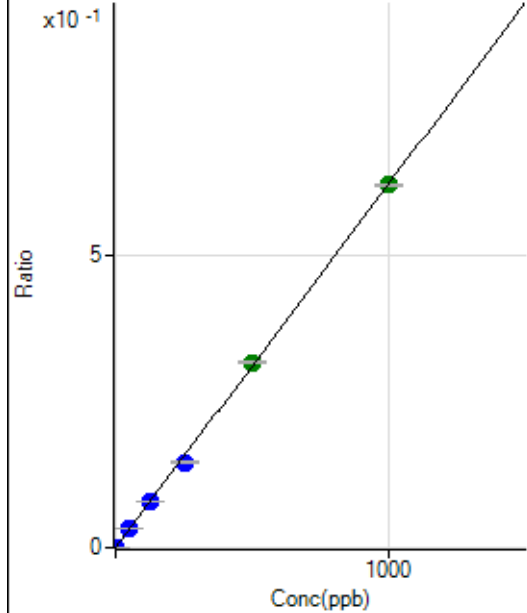
$$DL = 0.02998$$

$$BEC = 0.1832$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	194.45	0.0000	P	9.6
2	☐	2.000	1.831	27202.18	0.0011	P	2.9
3	☐	50.000	50.959	758116.93	0.0317	P	0.7
4	☐	125.000	128.063	1867724.91	0.0796	P	0.6
5	☐	250.000	235.293	3425752.03	0.1462	P	0.4
6	☐	500.000	510.300	7288661.36	0.3171	A	1.5
7	☐	1000.000	998.096	14714701.02	0.6203	A	0.3
8	☐			20732.78	0.0009	P	2.0

$$y = 6.2143\text{E-}004 * x + 7.9483\text{E-}006$$

$$R = 0.9998$$

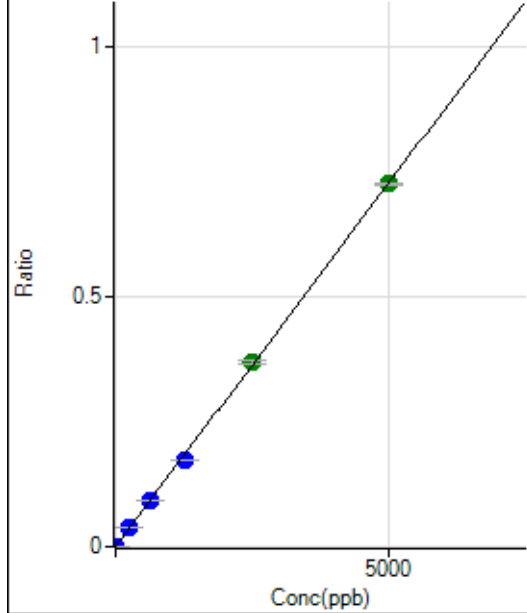
$$DL = 0.003673$$

$$BEC = 0.01279$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50.00	0.0000	P	43.6
2	☐	10.000	9.965	34435.17	0.0015	P	1.1
3	☐	250.000	256.876	893473.89	0.0373	P	0.3
4	☐	625.000	643.442	2194274.61	0.0935	P	0.9
5	☐	1250.000	1180.509	4019028.61	0.1716	P	0.1
6	☐	2500.000	2543.861	8496294.89	0.3697	A	1.5
7	☐	5000.000	4992.793	17212428.16	0.7255	A	0.5
8	☐			2025.22	0.0001	P	8.9

$$y = 1.4532\text{E-}004 * x + 2.0400\text{E-}006$$

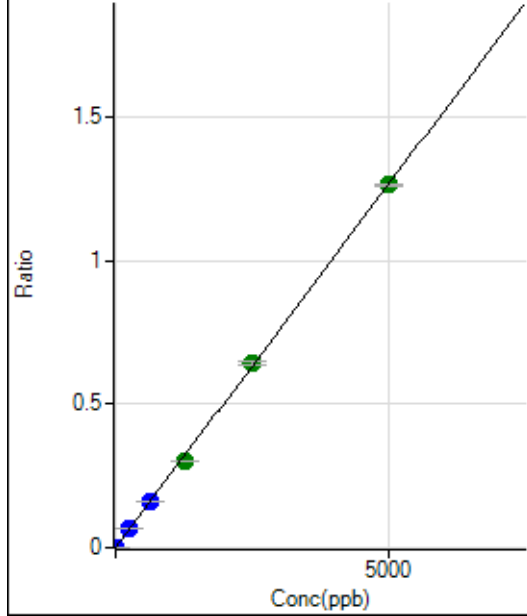
$$R = 0.9998$$

$$DL = 0.01838$$

$$BEC = 0.01404$$

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	75.01	0.0000	P	38.0
2	☐	10.000	9.894	59539.95	0.0025	P	0.8
3	☐	250.000	257.240	1558489.27	0.0651	P	0.5
4	☐	625.000	645.626	3835029.12	0.1634	P	0.8
5	☐	1250.000	1182.313	7011237.74	0.2993	A	0.3
6	☐	2500.000	2542.894	14793639.22	0.6437	A	1.7
7	☐	5000.000	4992.535	29979904.14	1.2637	A	0.8
8	☐			3778.46	0.0002	P	2.2

$$y = 2.5312E-004 * x + 3.0634E-006$$

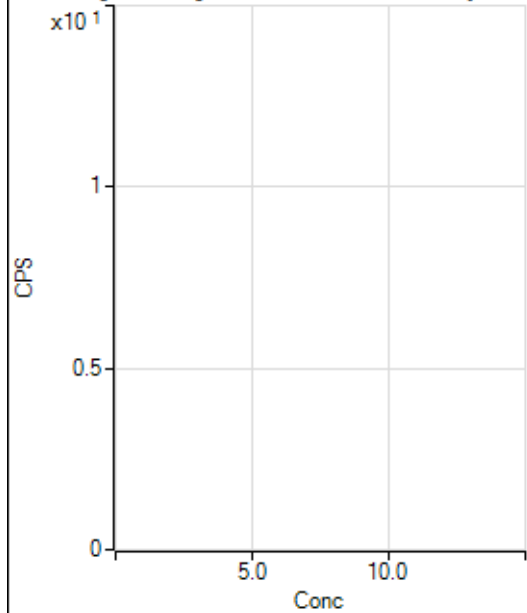
$$R = 0.9998$$

$$DL = 0.01381$$

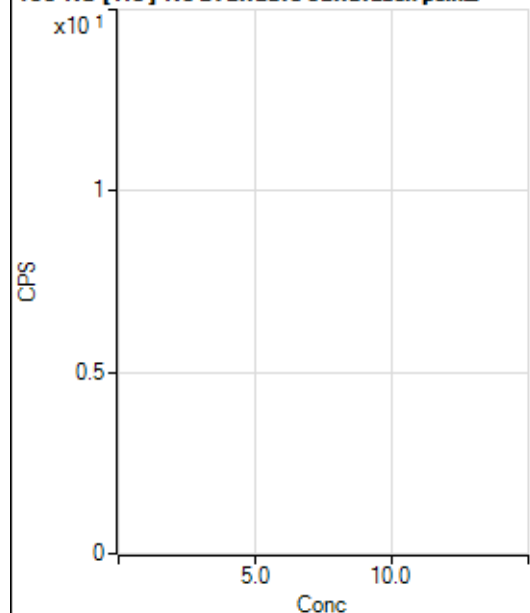
$$BEC = 0.0121$$

Weight: <None>

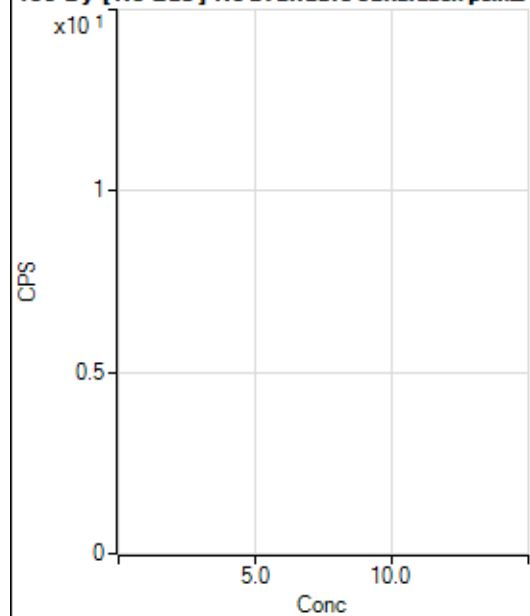
Min Conc: 0

150 Nd [No Gas] No available calibration points

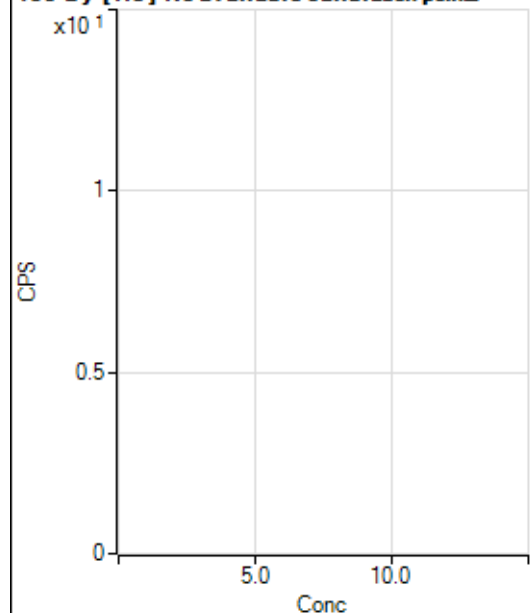
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			11.11		P	91.7
2	☐			28.89		P	13.3
3	☐			100.00		P	6.7
4	☐			182.23		P	12.8
5	☐			302.24		P	11.1
6	☐			740.05		P	5.6
7	☐			1466.80		P	0.9
8	☐			177.79		P	28.6

150 Nd [He] No available calibration points

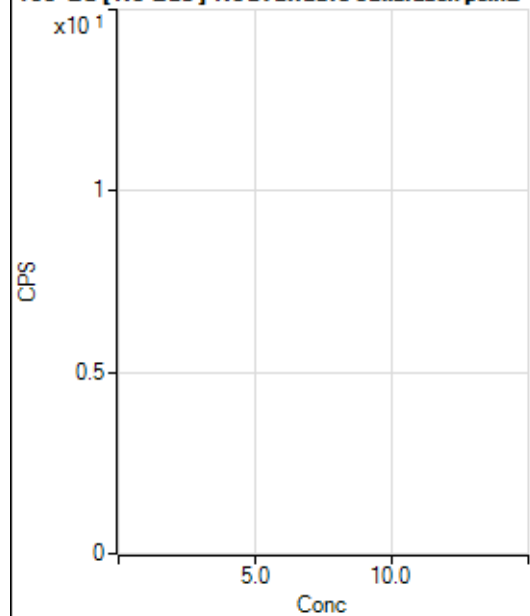
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.56		P	53.9
2	☐			13.33		P	43.3
3	☐			10.00		P	33.3
4	☐			28.89		P	35.2
5	☐			42.22		P	43.5
6	☐			68.89		P	19.6
7	☐			141.11		P	17.7
8	☐			70.00		P	20.8

156 Dy [No Gas] No available calibration points

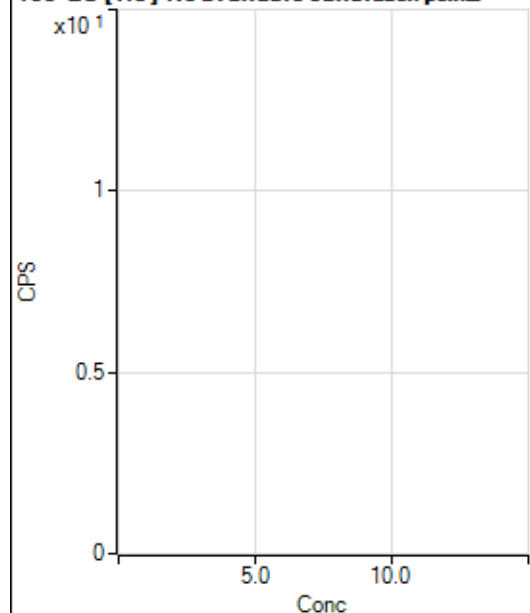
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	78.1
2	☐			13.89		P	91.6
3	☐			58.34		P	14.3
4	☐			69.45		P	45.4
5	☐			75.00		P	29.4
6	☐			188.90		P	34.3
7	☐			316.68		P	16.0
8	☐			91.67		P	24.1

156 Dy [He] No available calibration points

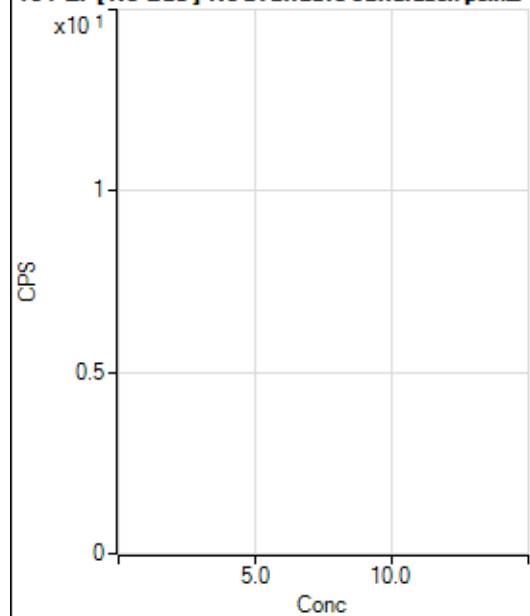
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26.67		P	21.7
2	☐			26.67		P	33.1
3	☐			30.00		P	11.1
4	☐			78.89		P	34.2
5	☐			98.89		P	25.3
6	☐			170.00		P	12.2
7	☐			277.78		P	4.2
8	☐			43.33		P	7.7

160 Gd [No Gas] Noavailable calibration poin_

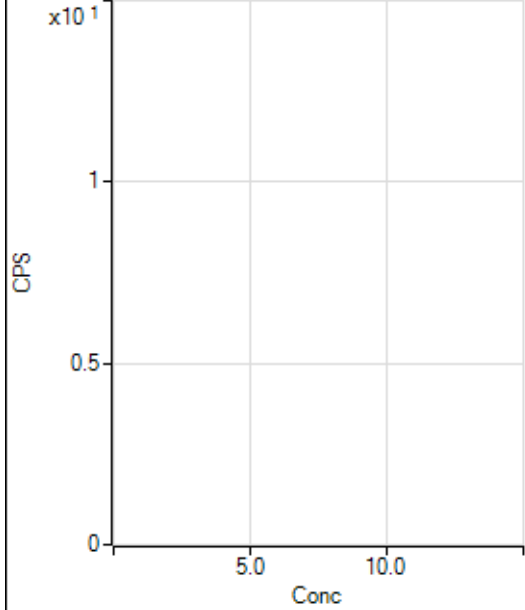
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			255.57		P	18.5
2	☐			197.23		P	10.6
3	☐			236.13		P	8.9
4	☐			191.68		P	4.3
5	☐			258.35		P	29.6
6	☐			244.46		P	11.0
7	☐			269.46		P	9.9
8	☐			261.13		P	8.0

160 Gd [He] No available calibration points

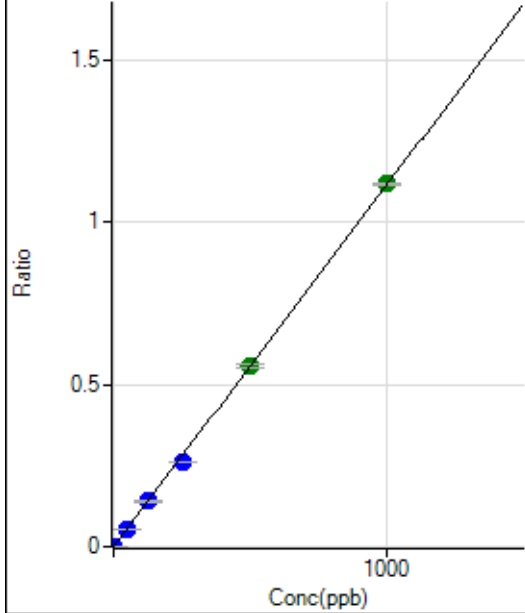
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			393.35		P	10.8
2	☐			352.23		P	6.2
3	☐			343.34		P	7.6
4	☐			350.01		P	4.2
5	☐			338.90		P	7.3
6	☐			275.57		P	27.6
7	☐			304.45		P	13.0
8	☐			336.68		P	12.6

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			88.89		P	19.5
2	☐			100.00		P	14.4
3	☐			83.34		P	45.8
4	☐			119.45		P	26.4
5	☐			113.89		P	27.7
6	☐			100.01		P	54.6
7	☐			138.90		P	6.9
8	☐			113.89		P	21.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			86.67		P	17.6
2	☐			70.00		P	19.0
3	☐			65.56		P	22.9
4	☐			65.55		P	10.6
5	☐			71.11		P	11.8
6	☐			72.22		P	21.8
7	☐			73.33		P	16.4
8	☐			86.67		P	13.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1227.89	0.0001	P	7.9
2	☐	1.000	0.934	17884.99	0.0011	P	3.2
3	☐	50.000	49.275	886625.88	0.0550	P	0.8
4	☐	125.000	125.165	2193551.98	0.1396	P	0.5
5	☐	250.000	233.382	4039492.71	0.2602	P	0.7
6	☐	500.000	500.596	8451712.34	0.5581	A	1.7
7	☐	1000.000	1003.872	16729407.32	1.1191	A	0.5
8	☐			4520.39	0.0004	P	1.8

$$y = 0.0011 * x + 7.4410E-005$$

$$R = 0.9998$$

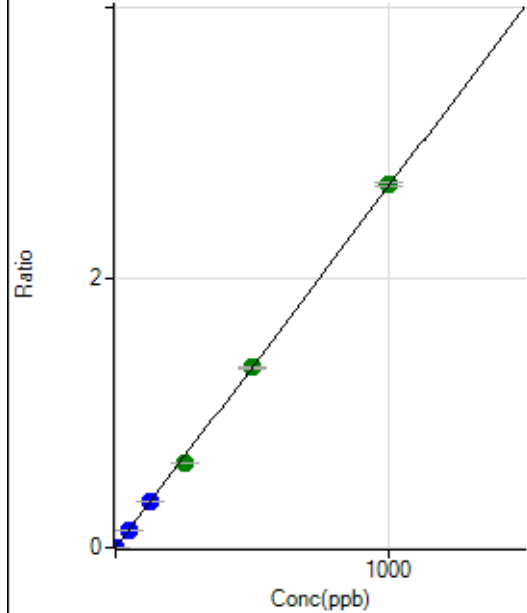
$$DL = 0.01587$$

$$BEC = 0.06675$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2450.35	0.0001	P	6.1
2	☐	1.000	0.938	42633.11	0.0027	P	0.6
3	☐	50.000	49.381	2133515.59	0.1324	P	1.1
4	☐	125.000	125.972	5301909.32	0.3374	P	0.8
5	☐	250.000	232.937	9683156.90	0.6238	A	0.2
6	☐	500.000	498.802	20226452.36	1.3357	A	1.6
7	☐	1000.000	1004.774	40216110.62	2.6904	A	1.0
8	☐			10040.35	0.0008	P	6.1

$$y = 0.0027 * x + 1.4851E-004$$

$$R = 0.9998$$

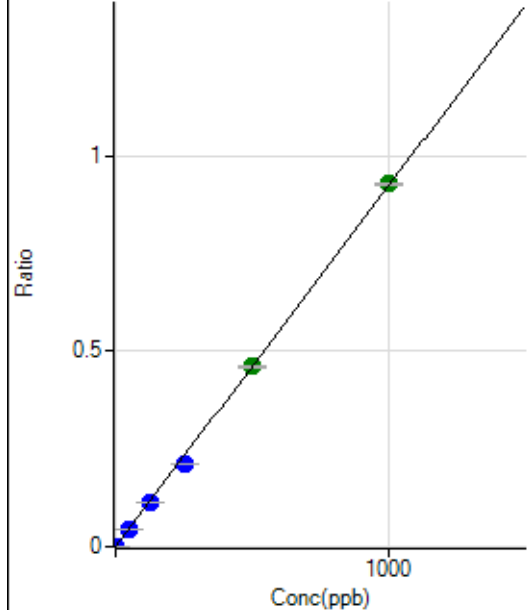
$$DL = 0.01009$$

$$BEC = 0.05547$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1335.29	0.0001	P	9.5
2	☐	1.000	0.924	14968.03	0.0009	P	0.6
3	☐	50.000	49.069	731131.46	0.0454	P	0.8
4	☐	125.000	124.544	1807022.07	0.1150	P	0.4
5	☐	250.000	230.859	3307834.22	0.2131	P	0.2
6	☐	500.000	498.469	6966486.79	0.4600	A	1.7
7	☐	1000.000	1005.655	13872513.97	0.9280	A	0.5
8	☐			8091.60	0.0006	P	3.2

$$y = 9.2273E-004 * x + 8.0937E-005$$

$$R = 0.9998$$

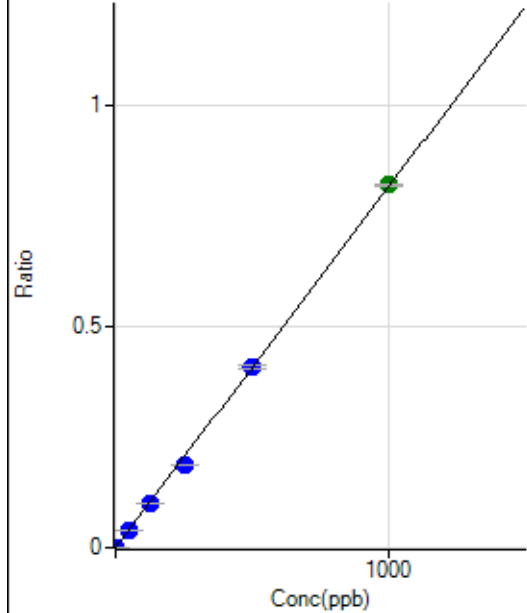
$$DL = 0.02506$$

$$BEC = 0.08771$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1316.78	0.0001	P	11.8
2	☐	1.000	0.925	13390.42	0.0008	P	2.4
3	☐	50.000	49.158	648258.08	0.0402	P	0.8
4	☐	125.000	124.522	1598822.02	0.1018	P	0.3
5	☐	250.000	230.835	2926802.50	0.1886	P	0.4
6	☐	500.000	498.831	6168754.88	0.4074	P	1.9
7	☐	1000.000	1005.478	12273311.38	0.8210	A	0.3
8	☐			7237.34	0.0006	P	1.1

$$y = 8.1649\text{E-}004 * x + 7.9752\text{E-}005$$

$$R = 0.9998$$

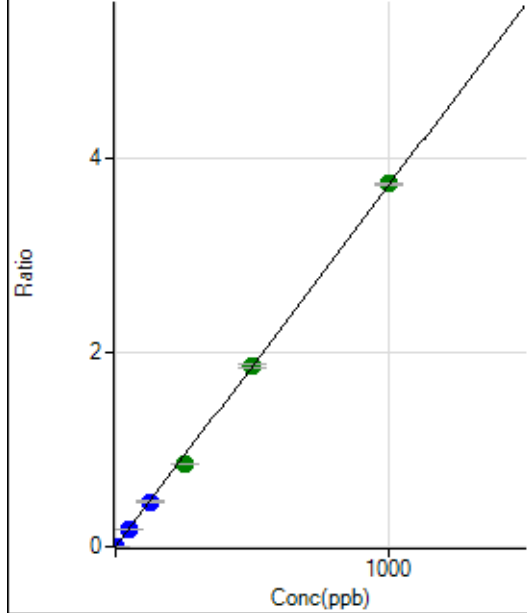
$$DL = 0.03468$$

$$BEC = 0.09768$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4711.55	0.0003	P	2.2
2	☐	1.000	0.922	59526.96	0.0037	P	1.3
3	☐	50.000	49.252	2957409.76	0.1835	P	0.6
4	☐	125.000	125.109	7316082.98	0.4656	P	0.2
5	☐	250.000	231.197	13351999.31	0.8602	A	0.1
6	☐	500.000	499.355	28129363.31	1.8575	A	1.7
7	☐	1000.000	1005.047	55882679.26	3.7384	A	0.4
8	☐			31513.27	0.0024	P	1.2

$$y = 0.0037 * x + 2.8546\text{E-}004$$

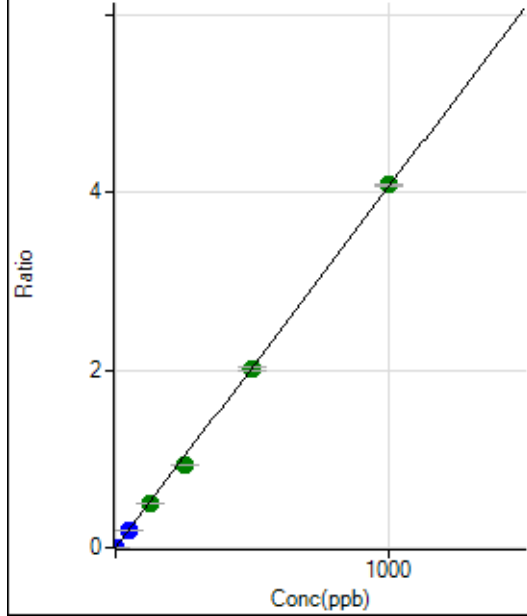
$$R = 0.9998$$

$$DL = 0.005005$$

$$BEC = 0.07675$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3222.72	0.0002	P	3.6
2	☐	1.000	0.815	56211.72	0.0035	P	1.3
3	☐	50.000	47.107	3087876.60	0.1916	P	0.4
4	☐	125.000	122.177	7801723.84	0.4965	A	0.3
5	☐	250.000	228.679	14422713.52	0.9292	A	0.2
6	☐	500.000	498.560	30670941.20	2.0255	A	2.1
7	☐	1000.000	1006.548	61125772.20	4.0891	A	0.8
8	☐			15518.84	0.0012	P	7.1

$$y = 0.0041 * x + 1.9529E-004$$

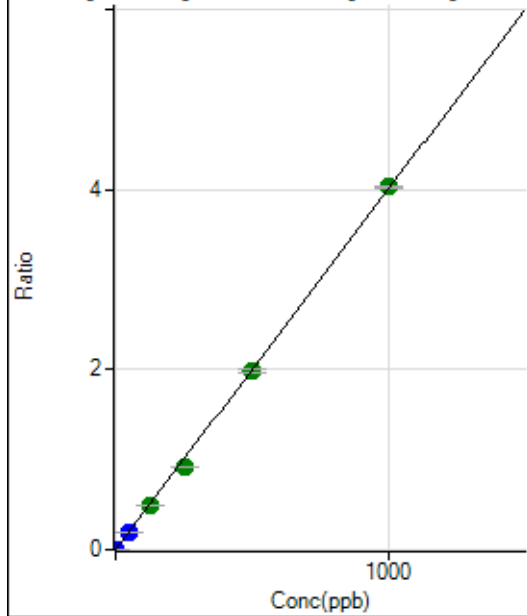
$$R = 0.9998$$

$$DL = 0.005176$$

$$BEC = 0.04807$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3595.11	0.0002	P	2.6
2	☐	1.000	0.884	60260.02	0.0038	P	1.5
3	☐	50.000	47.596	3076026.39	0.1908	P	1.1
4	☐	125.000	122.233	7695391.84	0.4897	A	0.5
5	☐	250.000	229.058	14242857.78	0.9176	A	0.6
6	☐	500.000	498.279	30220903.11	1.9958	A	2.1
7	☐	1000.000	1006.562	60263105.51	4.0314	A	0.4
8	☐			6518.57	0.0005	P	7.7

$$y = 0.0040 * x + 2.1784E-004$$

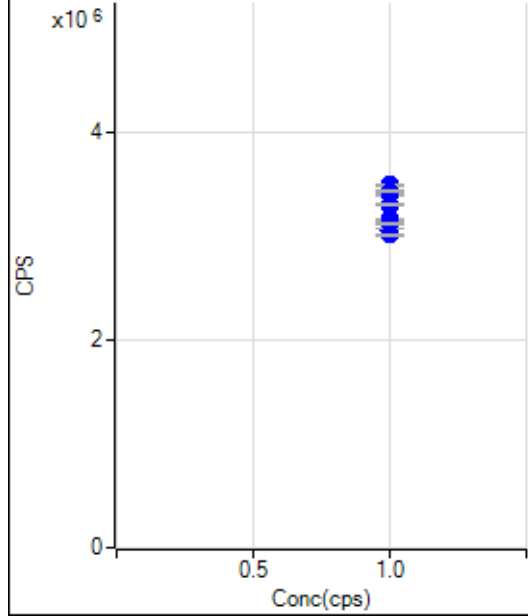
$$R = 0.9998$$

$$DL = 0.004187$$

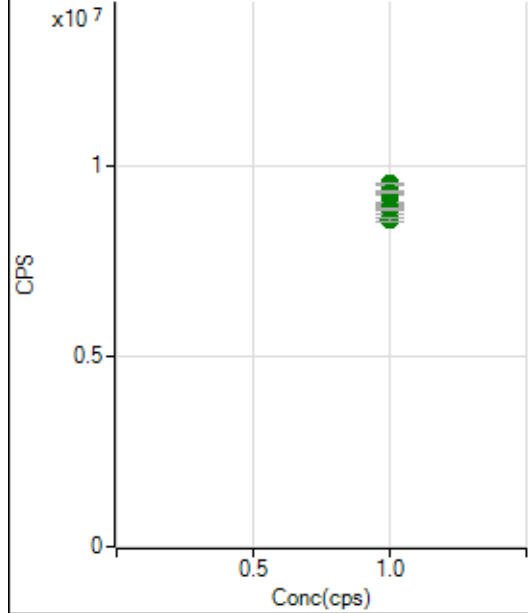
$$BEC = 0.05439$$

Weight: <None>

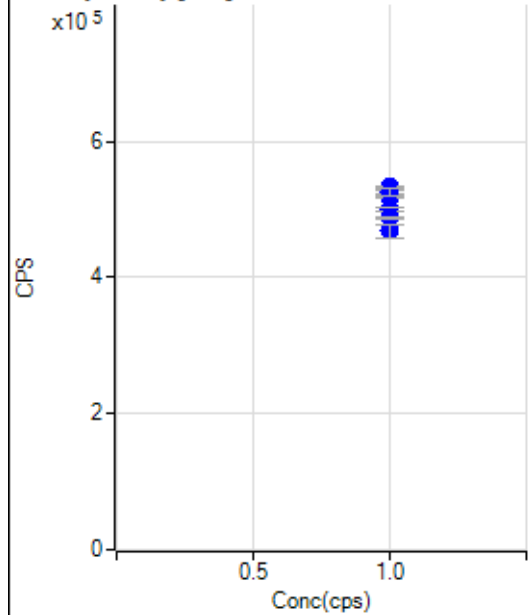
Min Conc: 0

6 Li (ISTD) [No Gas]

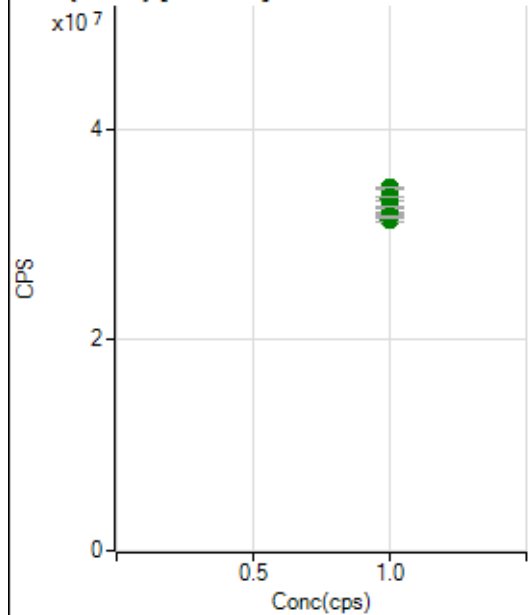
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3501619.51		P	0.8
2	☐	1.000		3408969.69		P	0.4
3	☐	1.000		3435879.57		P	0.5
4	☐	1.000		3308106.53		P	0.6
5	☐	1.000		3171230.02		P	0.5
6	☐	1.000		3053806.80		P	1.5
7	☐	1.000		3130812.15		P	0.3
8	☐	1.000		3019450.94		P	0.4

45 Sc (ISTD) [No Gas]

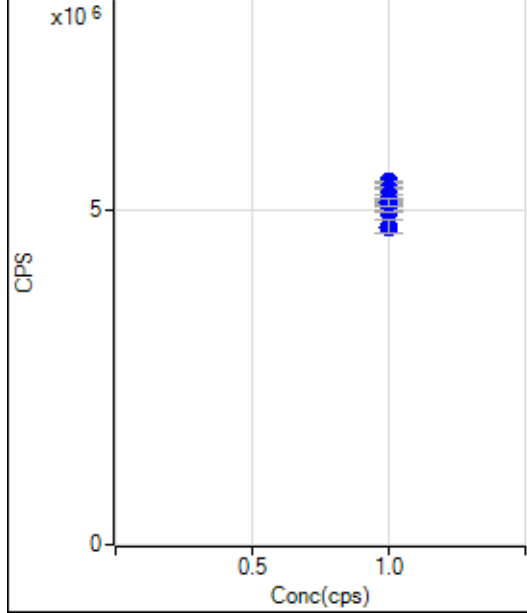
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9535396.91		A	0.9
2	☐	1.000		9246957.59		A	0.5
3	☐	1.000		9320126.94		A	0.7
4	☐	1.000		8956995.51		A	0.7
5	☐	1.000		8752382.57		A	0.2
6	☐	1.000		8580805.49		A	1.0
7	☐	1.000		9028675.72		A	0.5
8	☐	1.000		8876277.63		A	0.5

45 Sc (ISTD) [He]

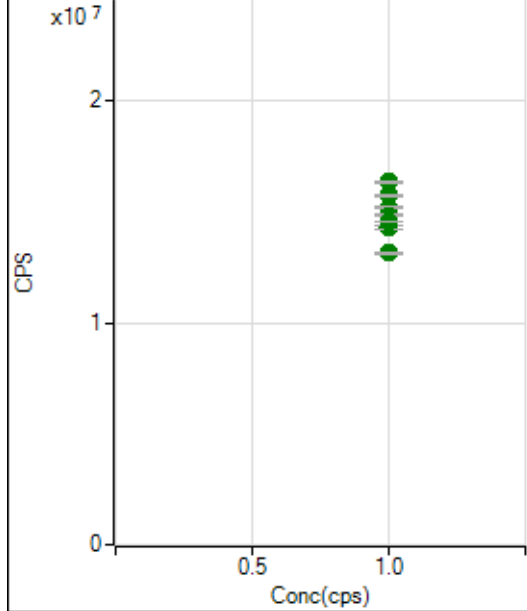
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		533037.59		P	0.5
2	☐	1.000		524579.63		P	1.0
3	☐	1.000		517184.28		P	0.3
4	☐	1.000		500149.90		P	1.0
5	☐	1.000		488171.78		P	0.5
6	☐	1.000		468139.58		P	4.5
7	☐	1.000		518629.21		P	0.4
8	☐	1.000		524842.91		P	2.1

89 Y (ISTD) [No Gas]

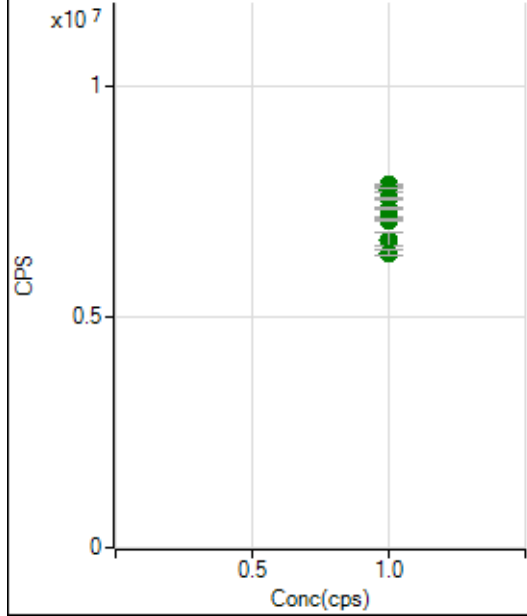
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		34420597.27		A	0.6
2	☐	1.000		33374575.89		A	0.8
3	☐	1.000		33529081.72		A	0.3
4	☐	1.000		32468082.85		A	0.5
5	☐	1.000		31989605.08		A	0.3
6	☐	1.000		31345592.59		A	1.1
7	☐	1.000		32601252.57		A	0.4
8	☐	1.000		31663190.08		A	0.2

89 Y(ISTD) [He]

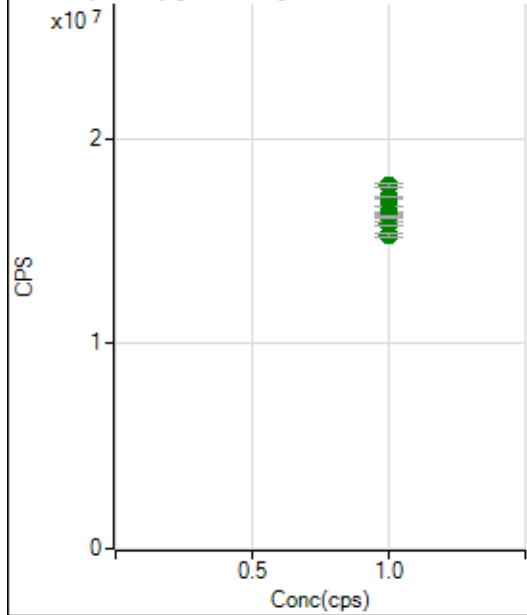
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5406081.38		P	0.4
2	☐	1.000		5305839.12		P	0.7
3	☐	1.000		5220315.51		P	0.3
4	☐	1.000		5079448.12		P	0.8
5	☐	1.000		4969375.59		P	0.5
6	☐	1.000		4740105.17		P	4.6
7	☐	1.000		5139258.78		P	0.4
8	☐	1.000		5100039.96		P	2.3

103 Rh(ISTD) [No Gas]

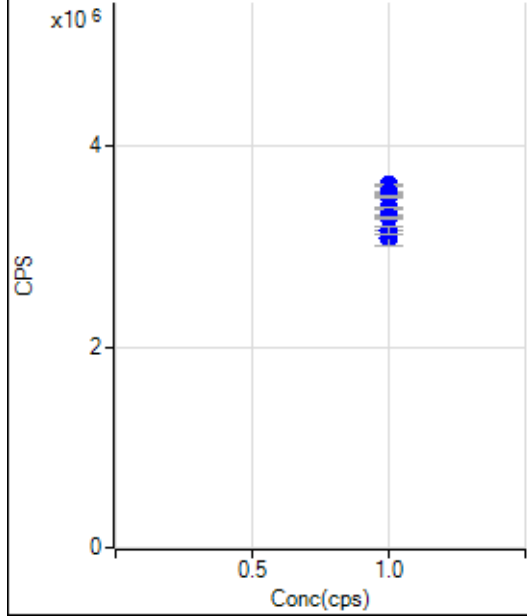
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16361481.79		A	0.6
2	☐	1.000		15775049.31		A	0.1
3	☐	1.000		15757183.69		A	0.6
4	☐	1.000		15210503.99		A	0.6
5	☐	1.000		14866725.68		A	0.5
6	☐	1.000		14344830.88		A	1.3
7	☐	1.000		14561136.61		A	0.3
8	☐	1.000		13152087.88		A	0.6

103 Rh (ISTD) [He]

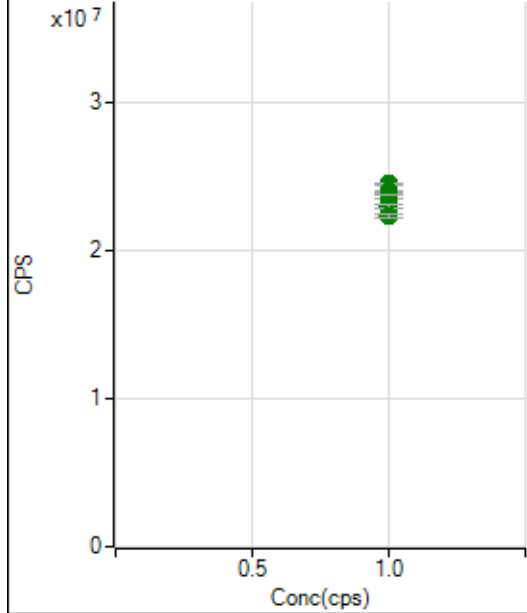
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7850573.98		A	0.5
2	☐	1.000		7727253.77		A	1.1
3	☐	1.000		7555308.01		A	0.5
4	☐	1.000		7337274.41		A	0.8
5	☐	1.000		7134527.11		A	0.2
6	☐	1.000		6672694.55		A	4.7
7	☐	1.000		7076978.37		A	0.5
8	☐	1.000		6384991.92		A	2.5

115 In (ISTD) [No Gas]

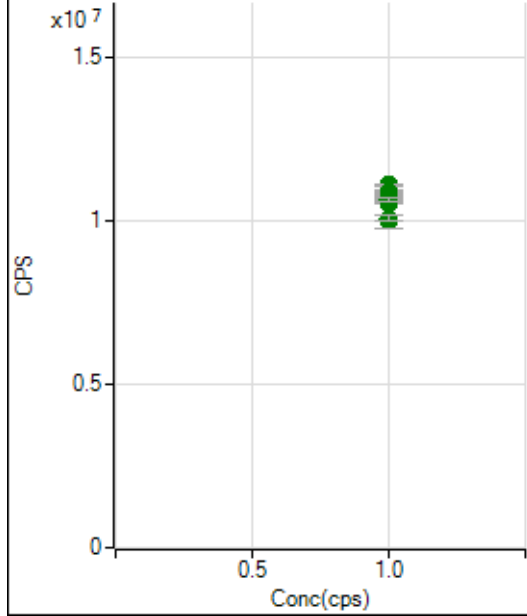
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		17680504.70		A	1.1
2	☐	1.000		17087518.86		A	0.5
3	☐	1.000		17123257.08		A	0.2
4	☐	1.000		16647714.94		A	0.1
5	☐	1.000		16361921.91		A	0.7
6	☐	1.000		15875678.09		A	1.2
7	☐	1.000		16173671.19		A	0.7
8	☐	1.000		15270607.73		A	0.8

115 In (ISTD) [He]

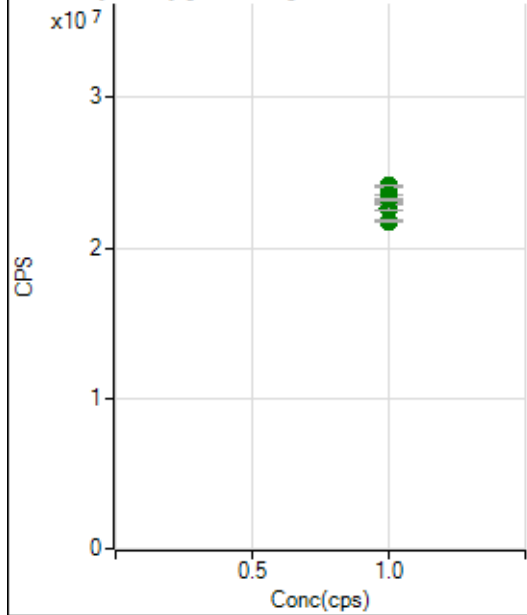
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3614573.29		P	0.2
2	☐	1.000		3537271.13		P	0.6
3	☐	1.000		3498039.24		P	0.6
4	☐	1.000		3385890.96		P	0.8
5	☐	1.000		3301062.82		P	0.7
6	☐	1.000		3084059.35		P	4.7
7	☐	1.000		3293351.50		P	0.7
8	☐	1.000		3163036.82		P	2.4

159 Tb (ISTD) [No Gas]

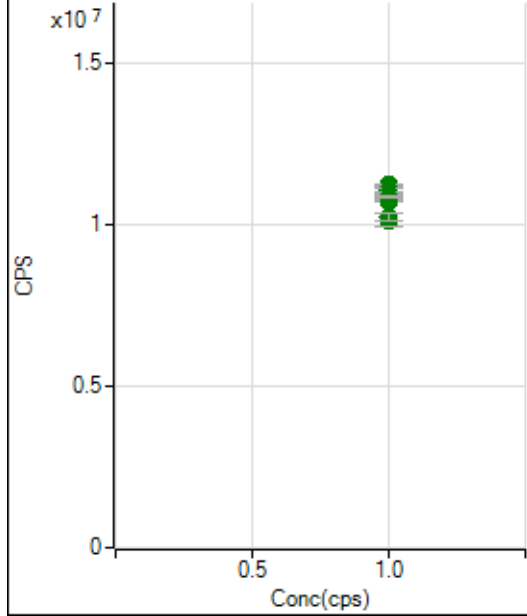
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		24460225.19		A	0.7
2	☐	1.000		23746437.42		A	0.4
3	☐	1.000		23934107.14		A	0.3
4	☐	1.000		23466981.60		A	0.4
5	☐	1.000		23427714.93		A	0.1
6	☐	1.000		22986361.33		A	1.2
7	☐	1.000		23723571.04		A	0.2
8	☐	1.000		22280929.39		A	1.2

159 Tb (ISTD) [He]

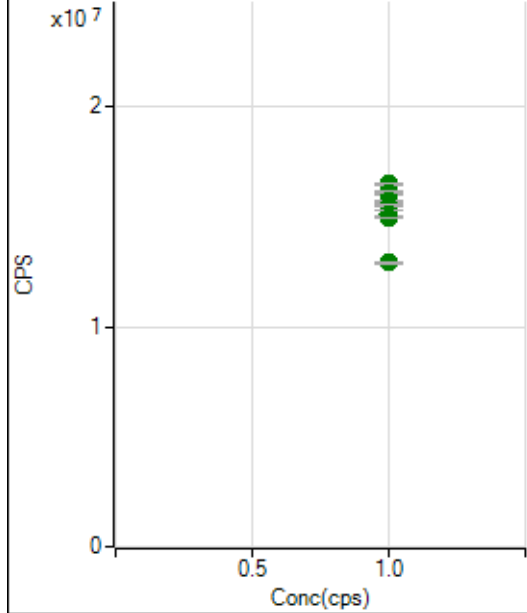
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		11083858.31		A	0.4
2	☐	1.000		10896625.11		A	0.9
3	☐	1.000		10787138.66		A	0.4
4	☐	1.000		10699679.01		A	1.0
5	☐	1.000		10534642.48		A	0.5
6	☐	1.000		9962196.38		A	4.1
7	☐	1.000		10629701.99		A	0.8
8	☐	1.000		10074567.07		A	1.7

165 Ho (ISTD) [No Gas]

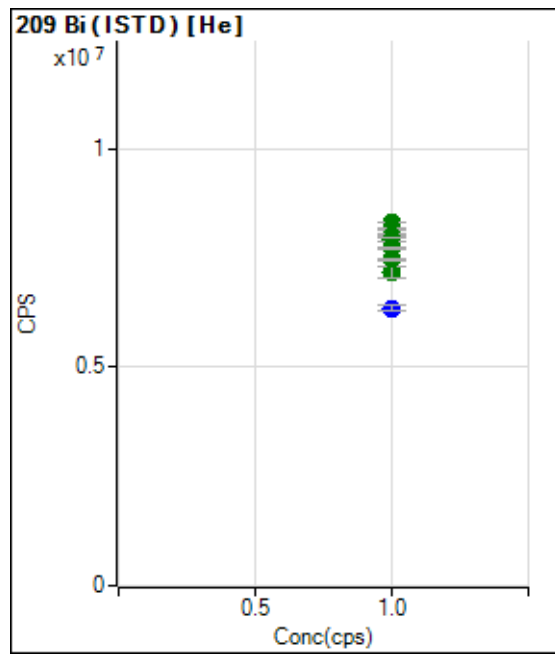
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		24132063.56		A	0.5
2	☐	1.000		23261629.69		A	0.1
3	☐	1.000		23516404.35		A	0.2
4	☐	1.000		23047616.14		A	0.3
5	☐	1.000		23067235.76		A	0.3
6	☐	1.000		22697101.72		A	1.5
7	☐	1.000		23273180.55		A	0.6
8	☐	1.000		21796154.83		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11227557.06		A	0.6
2	☐	1.000		11054857.89		A	0.9
3	☐	1.000		10955602.82		A	0.5
4	☐	1.000		10831074.14		A	0.8
5	☐	1.000		10704865.54		A	0.2
6	☐	1.000		10139051.31		A	4.1
7	☐	1.000		10846302.48		A	0.8
8	☐	1.000		10235358.81		A	2.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		16505098.23		A	0.8
2	☐	1.000		16033015.87		A	0.5
3	☐	1.000		16119703.51		A	0.8
4	☐	1.000		15713166.29		A	0.7
5	☐	1.000		15522365.46		A	0.1
6	☐	1.000		15146272.83		A	1.8
7	☐	1.000		14948494.64		A	0.2
8	☐	1.000		12913221.20		A	0.9



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8294150.64		A	0.1
2	☐	1.000		8167215.99		A	0.7
3	☐	1.000		8017038.21		A	0.4
4	☐	1.000		7923446.69		A	1.0
5	☐	1.000		7722287.80		A	0.3
6	☐	1.000		7147187.95		A	3.7
7	☐	1.000		7461981.97		A	0.8
8	☐	1.000		6350264.63		P	1.8

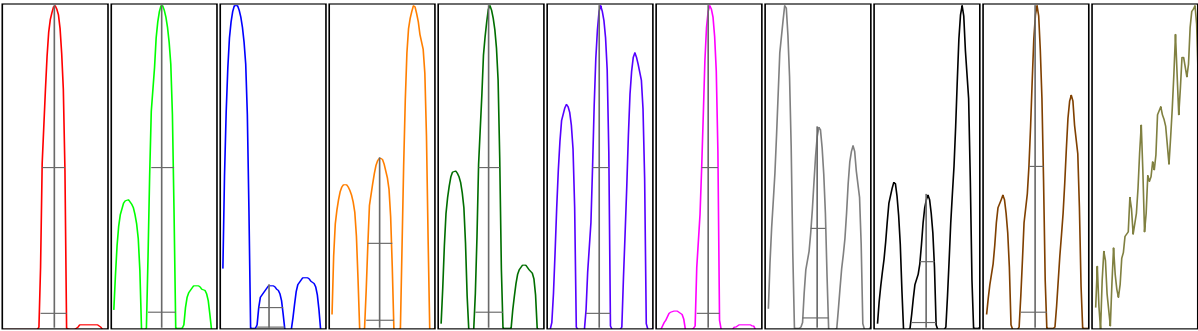
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7090319 MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	29751	2.29	5.00	
24	632588	1.80	5.00	
25	85692	1.59	5.00	
26	102584	1.65	5.00	
59	514430	1.82	5.00	
113	61740	2.41	5.00	
115	927226	2.61	5.00	
206	225252	1.72	5.00	
207	204642	1.64	5.00	
208	490872	1.60	5.00	
220	142	5.03		

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
9	30543	29695	30264	28823	29429
24	643054	632831	644750	620417	621888
25	86610	85854	87328	84055	84611
26	104446	102525	104113	100645	101192
59	523691	517174	521690	501644	507952
113	63287	62247	62727	59675	60764
115	954400	937504	938474	893108	912647
206	227897	227044	227975	218762	224581
207	207568	204775	207733	199584	203548
208	497790	494313	495542	478178	488536
220	137	138	136	148	152

Integration Time [sec] = 0.1



Mass	Peak	Axis	Axis	Axis	Width-X%	Width-X%	Width-
	Height	(Actual)	(Required)	(Flag)	(Actual)	(Required)	X%
9	48393	9.00	8.9 - 9.1		0.784	0.900	
24	989704	23.95	23.9 - 24.1		0.832	0.900	
25	133904	24.90	24.9 - 25.1		0.818	0.900	
26	159028	25.95	25.9 - 26.1		0.832	0.900	
59	887467	58.95	58.9 - 59.1		0.813	0.900	
113	124996	113.00	112.9 - 113.1		0.705	0.900	
115	1870945	115.00	114.9 - 115.1		0.687	0.900	
206	494836	206.00	205.9 - 206.1		0.733	0.900	
207	449609	207.00	206.9 - 207.1		0.726	0.900	
208	1086270	208.00	207.9 - 208.1		0.758	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
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	7.4	V	Deflect	11.2	V
Extract 2	-165.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-105	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	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	129419	2.50	
89	206201	1.95	
205	183977	1.72	

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
59	125838	131422	126329	130222	133285
89	203726	210421	200846	206344	209666
205	180663	185677	180755	184959	187833

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	7.3	V	Deflect	-2.2	V
Extract 2	-170.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-85	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 :	LB104937	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:18:33	DataFile Name :	006CALB_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.00	0.04	-0.05	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	-0.08	0.08	0.00	0.00	N/A	ppb
Boron	10-1	-0.28	0.31	-0.02	0.00	N/A	ppb
Cadmium	106-1	-0.51	0.53	-0.02	0.00	N/A	ppb
Cadmium	108-1	-0.05	-0.01	0.06	0.00	N/A	ppb
Cadmium	111-1	-0.03	0.04	-0.01	0.00	N/A	ppb
Calcium	43-1	0.16	0.92	-1.08	0.00	N/A	ppb
Calcium	44-1	-0.11	-0.08	0.18	0.00	N/A	ppb
Chromium	52-2	-0.02	0.01	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	N/A	ppb
Copper	63-2	0.00	0.00	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						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	0.02	0.00	-0.02	0.00	N/A	ppb
Iron	57-2	-0.09	0.29	-0.20	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	207-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.07	0.10	-0.03	0.00	N/A	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:18:33	DataFile Name :	006CALB_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.01	0.00	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	0.02	-0.02	0.00	0.00	N/A	ppb
Phosphorus	31-2	-24.72	-25.89	-30.48	-27.03		ppb
Potassium	39-2	-0.35	-0.83	1.18	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.07	-0.07	0.13	0.00	N/A	ppb
Selenium	78-2	-0.01	-0.05	0.06	0.00	N/A	ppb
Selenium	82-1	0.06	0.01	-0.08	0.00	N/A	ppb
Silicon	28-1	0.36	-0.16	-0.19	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.16	-0.04	0.19	0.00	N/A	ppb
Strontium	86-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	33.30	-9.28	59.99	28.00	124.76	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	-0.01	0.00	0.00	N/A	ppb
Titanium	47-1	-0.03	0.01	0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:18:33	DataFile Name :	006CALB_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.04	0.00	-0.04	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	N/A	ppb

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-03 15:22:09 DataFile Name : 007CAL5_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.24	17.86	18.32	18.48	3.81	ppb
Antimony	121-1	1.87	1.85	1.77	1.83	2.92	ppb
Arsenic	75-1	1.19	0.82	1.24	1.08	21.14	ppb
Barium	135-1	9.97	10.07	9.86	9.97	1.07	ppb
Barium	137-1	9.98	9.85	9.85	9.89	0.78	ppb
Beryllium	9-1	0.96	0.95	0.93	0.95	1.68	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	11-1	21.77	22.80	22.35	22.31	2.30	ppb
Boron	10-1	23.09	22.56	22.90	22.85	1.17	ppb
Cadmium	106-1	0.45	-0.29	0.65	0.27	182.02	ppb
Cadmium	108-1	1.01	1.10	0.89	1.00	10.22	ppb
Cadmium	111-1	0.99	0.94	1.00	0.98	3.14	ppb
Calcium	43-1	459.35	476.55	481.59	472.50	2.47	ppb
Calcium	44-1	458.59	465.65	463.88	462.71	0.79	ppb
Chromium	52-2	1.96	1.92	2.03	1.97	2.99	ppb
Cobalt	59-2	0.98	0.96	0.99	0.98	1.78	ppb
Copper	63-2	1.91	1.95	1.97	1.94	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	51.67	51.95	52.55	52.06	0.87	ppb
Iron	57-2	56.88	53.10	55.30	55.09	3.45	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.93	0.92	0.92	0.62	ppb
Lead	207-1	0.92	0.90	0.95	0.93	2.67	ppb
Lead	208-1	0.92	0.91	0.94	0.92	1.40	ppb
Lithium	6-1				97		%
Magnesium	24-2	508.49	498.17	512.17	506.28	1.43	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:22:09	DataFile Name :	007CAL5_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.01	1.01	0.98	1.00	1.70	ppb
Molybdenum	94-1	4.46	4.55	4.42	4.48	1.55	ppb
Molybdenum	95-1	4.45	4.59	4.56	4.53	1.68	ppb
Molybdenum	96-1	4.65	4.62	4.56	4.61	0.96	ppb
Molybdenum	97-1	4.54	4.68	4.62	4.61	1.52	ppb
Molybdenum	98-1	4.83	4.66	4.57	4.68	2.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.11	1.04	1.07	3.00	ppb
Phosphorus	31-2	29.05	17.53	34.51	27.03	32.06	ppb
Potassium	39-2	472.40	463.86	461.51	465.92	1.23	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	77-2	4.15	4.00	6.86	5.00	32.13	ppb
Selenium	78-2	5.64	4.94	5.92	5.50	9.15	ppb
Selenium	82-1	5.45	5.65	5.37	5.49	2.71	ppb
Silicon	28-1	7.49	7.53	7.69	7.57	1.35	ppb
Silver	109-1	0.98	0.97	0.98	0.98	0.56	ppb
Silver	107-1	0.94	0.99	0.98	0.97	2.50	ppb
Sodium	23-2	476.93	472.53	478.90	476.12	0.69	ppb
Strontium	86-1	0.97	0.95	0.98	0.97	1.50	ppb
Strontium	88-1	0.93	0.95	0.98	0.95	2.90	ppb
Sulfur	34-1	-4.72	-6.42	-72.87	-28.00		ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.93	0.91	0.97	0.93	3.40	ppb
Thallium	205-1	0.94	0.93	0.94	0.94	0.61	ppb
Thorium	232-1	0.81	0.81	0.83	0.82	1.40	ppb
Tin	118-1	5.08	4.97	4.98	5.01	1.18	ppb
Titanium	47-1	5.22	4.82	5.14	5.06	4.23	ppb
Uranium	238-1	0.89	0.87	0.89	0.88	1.56	ppb
Vanadium	51-2	5.04	5.01	5.07	5.04	0.55	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:22:09	DataFile Name :	007CALS_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.93	2.82	2.15	2.30	20.05	ppb
Zirconium	90-1	0.88	0.88	0.87	0.88	0.49	ppb
Zirconium	91-1	0.93	0.93	0.83	0.90	6.53	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:26:04	DataFile Name :	008CAL5_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	954.03	955.06	943.99	951.02	0.64	ppb
Antimony	121-1	50.57	51.33	50.98	50.96	0.75	ppb
Arsenic	75-1	51.60	51.81	50.88	51.43	0.95	ppb
Barium	135-1	257.05	257.51	256.08	256.88	0.28	ppb
Barium	137-1	257.03	258.63	256.06	257.24	0.50	ppb
Beryllium	9-1	50.61	51.17	50.45	50.74	0.74	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	11-1	48.63	47.96	48.71	48.43	0.85	ppb
Boron	10-1	49.22	49.51	48.60	49.11	0.94	ppb
Cadmium	106-1	50.40	50.90	52.66	51.32	2.31	ppb
Cadmium	108-1	53.47	53.05	52.28	52.93	1.15	ppb
Cadmium	111-1	52.48	53.13	52.89	52.83	0.63	ppb
Calcium	43-1	5013.20	5002.22	4980.73	4998.71	0.33	ppb
Calcium	44-1	4967.40	5002.83	4946.86	4972.36	0.57	ppb
Chromium	52-2	51.46	50.86	50.87	51.06	0.67	ppb
Cobalt	59-2	51.99	52.24	52.09	52.11	0.24	ppb
Copper	63-2	103.06	101.94	103.27	102.76	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	2591.76	2587.97	2606.36	2595.36	0.37	ppb
Iron	57-2	2595.11	2549.41	2597.09	2580.54	1.05	ppb
Krypton	83-1						cps
Lead	206-1	48.62	49.21	49.37	49.07	0.80	ppb
Lead	207-1	48.70	49.34	49.43	49.16	0.81	ppb
Lead	208-1	48.93	49.39	49.43	49.25	0.56	ppb
Lithium	6-1				98		%
Magnesium	24-2	5196.65	5151.13	5154.92	5167.57	0.49	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:26:04	DataFile Name :	008CAL5_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	102.63	102.61	102.65	102.63	0.02	ppb
Molybdenum	94-1	250.27	248.35	248.34	248.99	0.45	ppb
Molybdenum	95-1	249.81	249.65	248.48	249.31	0.29	ppb
Molybdenum	96-1	250.33	248.00	249.81	249.38	0.49	ppb
Molybdenum	97-1	248.60	248.63	250.95	249.39	0.54	ppb
Molybdenum	98-1	249.89	249.66	250.42	249.99	0.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.86	53.12	53.61	53.53	0.71	ppb
Phosphorus	31-2	1004.21	1027.00	1005.63	1012.28	1.26	ppb
Potassium	39-2	2423.09	2408.81	2417.67	2416.52	0.30	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	77-2	53.78	55.50	50.14	53.14	5.15	ppb
Selenium	78-2	51.73	52.30	52.00	52.01	0.55	ppb
Selenium	82-1	52.61	53.04	53.23	52.96	0.60	ppb
Silicon	28-1	48.81	50.59	50.24	49.88	1.89	ppb
Silver	109-1	53.97	53.82	53.78	53.85	0.19	ppb
Silver	107-1	53.67	53.80	53.29	53.59	0.49	ppb
Sodium	23-2	5012.80	4944.79	4965.91	4974.50	0.70	ppb
Strontium	86-1	50.64	50.65	50.82	50.70	0.20	ppb
Strontium	88-1	50.66	50.51	50.66	50.61	0.17	ppb
Sulfur	34-1	739.87	848.56	621.79	736.74	15.39	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	48.83	49.59	49.41	49.28	0.80	ppb
Thallium	205-1	48.74	49.61	49.80	49.38	1.15	ppb
Thorium	232-1	47.24	46.88	47.21	47.11	0.42	ppb
Tin	118-1	51.33	51.54	51.44	51.44	0.20	ppb
Titanium	47-1	249.16	251.91	250.49	250.52	0.55	ppb
Uranium	238-1	47.09	47.53	48.16	47.60	1.13	ppb
Vanadium	51-2	50.36	50.05	50.66	50.35	0.61	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:26:04	DataFile Name :	008CALS_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	105.24	104.94	104.71	104.96	0.25	ppb
Zirconium	90-1	49.83	49.69	49.63	49.72	0.21	ppb
Zirconium	91-1	50.33	50.21	50.50	50.35	0.29	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:30:10	DataFile Name :	009CAL5_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2409.03	2420.72	2414.33	2414.69	0.24	ppb
Antimony	121-1	128.59	127.22	128.38	128.06	0.58	ppb
Arsenic	75-1	132.69	130.84	129.86	131.13	1.09	ppb
Barium	135-1	644.70	637.11	648.52	643.44	0.90	ppb
Barium	137-1	648.70	640.04	648.14	645.63	0.75	ppb
Beryllium	9-1	126.76	126.85	129.36	127.66	1.16	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	11-1	121.28	123.62	124.19	123.03	1.25	ppb
Boron	10-1	124.11	124.16	127.31	125.19	1.46	ppb
Cadmium	106-1	131.16	131.01	128.73	130.30	1.04	ppb
Cadmium	108-1	134.36	132.25	132.54	133.05	0.86	ppb
Cadmium	111-1	133.65	132.22	132.83	132.90	0.54	ppb
Calcium	43-1	12441.07	12523.83	12599.56	12521.49	0.63	ppb
Calcium	44-1	12549.30	12585.17	12679.55	12604.67	0.53	ppb
Chromium	52-2	127.08	128.93	128.15	128.06	0.72	ppb
Cobalt	59-2	129.54	130.64	130.58	130.25	0.48	ppb
Copper	63-2	256.55	258.80	256.03	257.13	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	6529.73	6556.17	6526.37	6537.42	0.25	ppb
Iron	57-2	6527.81	6543.50	6474.40	6515.24	0.56	ppb
Krypton	83-1						cps
Lead	206-1	125.03	124.08	124.52	124.54	0.38	ppb
Lead	207-1	124.90	124.32	124.35	124.52	0.26	ppb
Lead	208-1	125.33	125.06	124.94	125.11	0.16	ppb
Lithium	6-1				94		%
Magnesium	24-2	12849.31	12915.30	12955.26	12906.62	0.41	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:30:10	DataFile Name :	009CAL5_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	256.90	258.46	257.17	257.51	0.32	ppb
Molybdenum	94-1	636.45	632.36	633.48	634.10	0.33	ppb
Molybdenum	95-1	636.60	632.26	637.68	635.51	0.45	ppb
Molybdenum	96-1	636.36	630.76	639.00	635.37	0.66	ppb
Molybdenum	97-1	634.72	634.28	636.75	635.25	0.21	ppb
Molybdenum	98-1	636.51	633.66	635.49	635.22	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.04	134.57	133.04	133.21	0.96	ppb
Phosphorus	31-2	2592.49	2494.44	2596.74	2561.23	2.26	ppb
Potassium	39-2	6114.01	6074.39	6119.79	6102.73	0.40	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	77-2	136.91	125.81	129.15	130.62	4.36	ppb
Selenium	78-2	128.24	130.87	132.07	130.39	1.50	ppb
Selenium	82-1	132.40	131.43	134.72	132.85	1.27	ppb
Silicon	28-1	128.49	130.56	131.82	130.29	1.29	ppb
Silver	109-1	134.35	132.63	134.05	133.68	0.68	ppb
Silver	107-1	132.20	132.50	133.38	132.69	0.46	ppb
Sodium	23-2	12611.09	12752.00	12694.62	12685.90	0.56	ppb
Strontium	86-1	128.33	127.91	128.54	128.26	0.25	ppb
Strontium	88-1	127.60	127.44	127.41	127.48	0.08	ppb
Sulfur	34-1	2347.49	2347.49	2195.28	2296.75	3.83	ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	125.90	125.04	124.55	125.17	0.55	ppb
Thallium	205-1	127.00	125.81	125.10	125.97	0.76	ppb
Thorium	232-1	122.23	122.49	121.81	122.18	0.28	ppb
Tin	118-1	129.16	127.68	129.37	128.73	0.72	ppb
Titanium	47-1	634.10	636.95	636.12	635.72	0.23	ppb
Uranium	238-1	121.98	122.90	121.82	122.23	0.47	ppb
Vanadium	51-2	126.26	127.28	126.62	126.72	0.41	ppb
Yttrium	89-1				94		%
Yttrium	89-2				94		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:30:10	DataFile Name :	009CALS_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	259.28	262.82	265.13	262.41	1.12	ppb
Zirconium	90-1	126.38	125.84	127.48	126.57	0.66	ppb
Zirconium	91-1	126.32	125.53	126.75	126.20	0.49	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:33:59	DataFile Name :	010CAL5_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4443.47	4512.51	4468.82	4474.93	0.78	ppb
Antimony	121-1	235.89	235.71	234.28	235.29	0.37	ppb
Arsenic	75-1	241.04	242.68	240.36	241.36	0.49	ppb
Barium	135-1	1181.70	1180.92	1178.91	1180.51	0.12	ppb
Barium	137-1	1184.84	1178.71	1183.39	1182.31	0.27	ppb
Beryllium	9-1	240.15	238.63	239.71	239.50	0.33	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Boron	11-1	226.08	230.23	229.09	228.47	0.94	ppb
Boron	10-1	225.24	233.54	234.89	231.22	2.26	ppb
Cadmium	106-1	238.09	238.29	238.60	238.32	0.11	ppb
Cadmium	108-1	244.67	245.15	246.77	245.53	0.45	ppb
Cadmium	111-1	243.47	243.61	241.72	242.93	0.43	ppb
Calcium	43-1	23200.38	22965.13	23485.88	23217.13	1.12	ppb
Calcium	44-1	23168.12	23125.14	23377.94	23223.73	0.58	ppb
Chromium	52-2	236.56	239.31	239.78	238.55	0.73	ppb
Cobalt	59-2	239.61	241.62	240.63	240.62	0.42	ppb
Copper	63-2	470.11	472.55	472.12	471.59	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	12068.23	12190.48	12183.33	12147.35	0.56	ppb
Iron	57-2	12021.19	12258.83	12220.72	12166.91	1.05	ppb
Krypton	83-1						cps
Lead	206-1	230.88	230.38	231.32	230.86	0.20	ppb
Lead	207-1	232.03	230.29	230.19	230.83	0.45	ppb
Lead	208-1	231.48	231.22	230.89	231.20	0.13	ppb
Lithium	6-1				91		%
Magnesium	24-2	23894.23	24080.84	24070.46	24015.18	0.44	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:33:59	DataFile Name :	010CAL5_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	473.83	479.73	478.91	477.49	0.67	ppb
Molybdenum	94-1	1173.50	1162.56	1175.27	1170.44	0.59	ppb
Molybdenum	95-1	1174.85	1165.10	1180.28	1173.41	0.66	ppb
Molybdenum	96-1	1161.22	1168.11	1179.81	1169.71	0.80	ppb
Molybdenum	97-1	1171.92	1171.64	1171.57	1171.71	0.02	ppb
Molybdenum	98-1	1171.36	1170.87	1167.40	1169.88	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	245.02	246.57	246.06	245.88	0.32	ppb
Phosphorus	31-2	4825.89	4802.14	4846.20	4824.74	0.46	ppb
Potassium	39-2	11188.57	11356.64	11354.60	11299.94	0.85	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	77-2	243.89	250.07	246.51	246.83	1.26	ppb
Selenium	78-2	243.00	246.44	244.54	244.66	0.70	ppb
Selenium	82-1	244.27	245.82	245.36	245.15	0.32	ppb
Silicon	28-1	215.02	214.94	216.25	215.40	0.34	ppb
Silver	109-1	243.77	241.59	243.29	242.89	0.47	ppb
Silver	107-1	241.52	238.59	240.17	240.09	0.61	ppb
Sodium	23-2	23320.82	23588.00	23464.70	23457.84	0.57	ppb
Strontium	86-1	236.23	233.87	235.14	235.08	0.50	ppb
Strontium	88-1	236.96	235.02	234.59	235.53	0.54	ppb
Sulfur	34-1	4883.43	4834.29	4771.28	4829.67	1.16	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	235.00	231.97	233.17	233.38	0.66	ppb
Thallium	205-1	232.35	233.33	233.13	232.94	0.22	ppb
Thorium	232-1	228.49	228.26	229.29	228.68	0.24	ppb
Tin	118-1	236.77	234.38	234.49	235.21	0.57	ppb
Titanium	47-1	1172.53	1164.04	1170.70	1169.09	0.38	ppb
Uranium	238-1	230.40	227.48	229.29	229.06	0.64	ppb
Vanadium	51-2	234.11	235.14	235.99	235.08	0.40	ppb
Yttrium	89-1				93		%
Yttrium	89-2				92		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:33:59	DataFile Name :	010CALS_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	485.69	493.31	490.57	489.86	0.79	ppb
Zirconium	90-1	232.43	234.86	233.43	233.57	0.52	ppb
Zirconium	91-1	232.61	234.21	234.77	233.86	0.48	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:37:46	DataFile Name :	011CALC_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10225.47	10491.16	9746.80	10154.48	3.71	ppb
Antimony	121-1	501.62	513.15	516.13	510.30	1.50	ppb
Arsenic	75-1	506.58	517.51	520.73	514.94	1.44	ppb
Barium	135-1	2499.85	2556.67	2575.06	2543.86	1.54	ppb
Barium	137-1	2500.68	2541.89	2586.11	2542.89	1.68	ppb
Beryllium	9-1	501.27	518.42	519.97	513.22	2.02	ppb
Bismuth	209-1				92		%
Bismuth	209-2				86		%
Boron	11-1	481.29	510.53	516.06	502.63	3.72	ppb
Boron	10-1	483.46	508.02	519.90	503.80	3.69	ppb
Cadmium	106-1	500.07	521.95	524.22	515.41	2.59	ppb
Cadmium	108-1	506.82	520.58	517.56	514.99	1.41	ppb
Cadmium	111-1	504.73	516.93	521.41	514.36	1.68	ppb
Calcium	43-1	49055.57	49865.77	50418.09	49779.81	1.38	ppb
Calcium	44-1	49239.93	50285.67	50441.61	49989.07	1.31	ppb
Chromium	52-2	547.16	559.65	516.19	541.00	4.14	ppb
Cobalt	59-2	551.66	560.85	521.50	544.67	3.78	ppb
Copper	63-2	1062.52	1089.43	1004.75	1052.23	4.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				90		%
Indium	115-1				90		%
Indium	115-2				85		%
Iron	56-2	28013.74	28402.40	26285.22	27567.12	4.09	ppb
Iron	57-2	27828.52	28341.22	26274.27	27481.33	3.92	ppb
Krypton	83-1						cps
Lead	206-1	490.48	497.61	507.32	498.47	1.70	ppb
Lead	207-1	487.89	503.33	505.27	498.83	1.91	ppb
Lead	208-1	490.24	501.34	506.48	499.35	1.66	ppb
Lithium	6-1				87		%
Magnesium	24-2	55233.19	56174.16	51603.57	54336.97	4.44	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:37:46	DataFile Name :	011CAL5_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1101.19	1122.93	1032.96	1085.69	4.32	ppb
Molybdenum	94-1	2481.41	2527.32	2554.77	2521.16	1.47	ppb
Molybdenum	95-1	2494.27	2546.34	2551.51	2530.70	1.25	ppb
Molybdenum	96-1	2488.05	2544.04	2553.74	2528.61	1.40	ppb
Molybdenum	97-1	2495.90	2535.72	2564.34	2531.99	1.36	ppb
Molybdenum	98-1	2501.55	2553.06	2565.40	2540.00	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	556.83	567.86	524.35	549.68	4.11	ppb
Phosphorus	31-2	10918.70	11130.65	10527.33	10858.89	2.82	ppb
Potassium	39-2	25993.14	26462.64	24492.70	25649.50	4.01	ppb
Rhodium	103-1				88		%
Rhodium	103-2				85		%
Scandium	45-1				90		%
Scandium	45-2				88		%
Selenium	77-2	549.06	561.65	515.90	542.20	4.36	ppb
Selenium	78-2	558.20	555.28	514.54	542.67	4.50	ppb
Selenium	82-1	506.50	523.47	529.17	519.72	2.27	ppb
Silicon	28-1	504.10	522.08	529.06	518.41	2.48	ppb
Silver	109-1	502.72	517.64	523.66	514.67	2.09	ppb
Silver	107-1	504.67	519.79	517.79	514.09	1.60	ppb
Sodium	23-2	53952.90	55215.98	50676.00	53281.62	4.40	ppb
Strontium	86-1	498.91	507.06	513.63	506.53	1.46	ppb
Strontium	88-1	495.66	507.36	516.09	506.37	2.02	ppb
Sulfur	34-1	10342.89	10507.99	10608.40	10486.43	1.28	ppb
Terbium	159-1				94		%
Terbium	159-2				90		%
Thallium	203-1	491.53	501.97	508.29	500.60	1.69	ppb
Thallium	205-1	490.44	500.19	505.77	498.80	1.56	ppb
Thorium	232-1	487.06	500.69	507.93	498.56	2.13	ppb
Tin	118-1	501.99	512.76	514.99	509.91	1.36	ppb
Titanium	47-1	2474.13	2531.31	2557.95	2521.13	1.70	ppb
Uranium	238-1	486.51	501.04	507.29	498.28	2.14	ppb
Vanadium	51-2	543.91	555.81	512.87	537.53	4.12	ppb
Yttrium	89-1				91		%
Yttrium	89-2				88		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:37:46	DataFile Name :	011CALS_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1080.08	1113.59	1024.82	1072.83	4.18	ppb
Zirconium	90-1	499.34	507.42	513.52	506.76	1.40	ppb
Zirconium	91-1	495.33	503.68	511.45	503.48	1.60	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:41:32	DataFile Name :	012CAL5_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18573.36	18341.70	18308.07	18407.71	0.78	ppb
Antimony	121-1	994.16	1000.16	999.97	998.10	0.34	ppb
Arsenic	75-1	996.75	995.43	989.37	993.85	0.40	ppb
Barium	135-1	4965.63	5011.74	5001.01	4992.79	0.48	ppb
Barium	137-1	4947.15	5024.02	5006.43	4992.53	0.81	ppb
Beryllium	9-1	993.50	1002.08	991.36	995.65	0.57	ppb
Bismuth	209-1				91		%
Bismuth	209-2				90		%
Boron	11-1	985.81	1005.18	1022.39	1004.46	1.82	ppb
Boron	10-1	988.23	1012.37	1008.01	1002.87	1.28	ppb
Cadmium	106-1	993.05	996.81	993.60	994.48	0.20	ppb
Cadmium	108-1	995.21	987.49	994.71	992.47	0.44	ppb
Cadmium	111-1	995.34	995.22	989.82	993.46	0.32	ppb
Calcium	43-1	97382.44	97246.95	97444.07	97357.82	0.10	ppb
Calcium	44-1	98149.65	97443.35	97751.96	97781.65	0.36	ppb
Chromium	52-2	987.52	973.57	984.69	981.93	0.75	ppb
Cobalt	59-2	988.34	968.52	980.89	979.25	1.02	ppb
Copper	63-2	1988.74	1969.04	1982.09	1979.96	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				97		%
Indium	115-1				91		%
Indium	115-2				91		%
Iron	56-2	49653.95	49445.22	49545.43	49548.20	0.21	ppb
Iron	57-2	49801.46	49237.21	49853.23	49630.63	0.69	ppb
Krypton	83-1						cps
Lead	206-1	1001.46	1011.45	1004.06	1005.65	0.52	ppb
Lead	207-1	1004.17	1008.89	1003.38	1005.48	0.30	ppb
Lead	208-1	1004.54	1009.60	1001.01	1005.05	0.43	ppb
Lithium	6-1				89		%
Magnesium	24-2	99400.07	98257.26	98363.01	98673.45	0.64	ppb

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-03 15:41:32 DataFile Name : 012CALS_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1975.58	1953.28	1956.28	1961.71	0.62	ppb
Molybdenum	94-1	5022.37	4978.22	5024.07	5008.22	0.52	ppb
Molybdenum	95-1	4999.56	4963.83	5044.16	5002.52	0.80	ppb
Molybdenum	96-1	4983.07	4971.65	5058.79	5004.50	0.95	ppb
Molybdenum	97-1	4977.57	4981.04	5048.38	5002.33	0.80	ppb
Molybdenum	98-1	4976.07	4994.47	5025.71	4998.75	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	980.82	968.64	975.50	974.99	0.63	ppb
Phosphorus	31-2	19576.60	19705.76	19535.94	19606.10	0.45	ppb
Potassium	39-2	47652.51	47469.89	46977.28	47366.56	0.74	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				97		%
Selenium	77-2	991.97	979.27	965.26	978.83	1.37	ppb
Selenium	78-2	982.49	974.63	980.54	979.22	0.42	ppb
Selenium	82-1	987.05	991.95	991.67	990.22	0.28	ppb
Silicon	28-1	989.07	997.10	1010.27	998.81	1.07	ppb
Silver	109-1	989.97	991.44	998.09	993.16	0.44	ppb
Silver	107-1	989.07	992.96	1000.85	994.29	0.60	ppb
Sodium	23-2	98379.09	97013.71	97795.27	97729.35	0.70	ppb
Strontium	86-1	1004.06	1003.40	992.61	1000.02	0.64	ppb
Strontium	88-1	999.14	1002.68	998.46	1000.09	0.23	ppb
Sulfur	34-1	19997.61	19803.18	19713.03	19837.94	0.73	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	1001.82	1009.43	1000.37	1003.87	0.48	ppb
Thallium	205-1	1003.91	1014.83	995.59	1004.77	0.96	ppb
Thorium	232-1	997.83	1008.38	1013.43	1006.55	0.79	ppb
Tin	118-1	996.51	1001.67	996.43	998.20	0.30	ppb
Titanium	47-1	5005.37	5002.56	5016.97	5008.30	0.15	ppb
Uranium	238-1	1002.17	1010.55	1006.98	1006.56	0.42	ppb
Vanadium	51-2	987.03	975.74	991.43	984.73	0.82	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:41:32	DataFile Name :	012CALS_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1971.08	1956.33	1965.54	1964.32	0.38	ppb
Zirconium	90-1	998.96	997.73	1004.95	1000.55	0.39	ppb
Zirconium	91-1	1004.81	995.57	1006.00	1002.13	0.57	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:45:19	DataFile Name :	013CALS_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102288.74	99333.73	99373.18	100331.89	1.69	ppb
Antimony	121-1	1.45	1.50	1.50	1.48	2.06	ppb
Arsenic	75-1	1.31	1.32	1.37	1.33	2.71	ppb
Barium	135-1	0.56	0.67	0.60	0.61	9.06	ppb
Barium	137-1	0.66	0.67	0.64	0.66	2.25	ppb
Beryllium	9-1	0.12	0.15	0.12	0.13	15.14	ppb
Bismuth	209-1				78		%
Bismuth	209-2				77		%
Boron	11-1	48.24	43.70	40.34	44.09	9.00	ppb
Boron	10-1	47.35	44.00	39.86	43.74	8.58	ppb
Cadmium	106-1	-0.23	0.82	0.59	0.39	141.03	ppb
Cadmium	108-1	0.17	0.28	0.23	0.23	24.51	ppb
Cadmium	111-1	0.11	0.16	0.17	0.15	24.18	ppb
Calcium	43-1	499760.65	505959.62	496197.04	500639.10	0.99	ppb
Calcium	44-1	500927.89	505269.17	495396.76	500531.27	0.99	ppb
Chromium	52-2	27.14	26.36	26.07	26.52	2.09	ppb
Cobalt	59-2	12.38	11.87	11.86	12.03	2.47	ppb
Copper	63-2	3.26	3.21	3.18	3.22	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				91		%
Indium	115-1				86		%
Indium	115-2				88		%
Iron	56-2	256305.69	245005.51	248218.22	249843.14	2.33	ppb
Iron	57-2	255613.71	247632.84	246258.32	249834.96	2.02	ppb
Krypton	83-1						cps
Lead	206-1	0.62	0.58	0.58	0.59	3.72	ppb
Lead	207-1	0.58	0.59	0.60	0.59	1.29	ppb
Lead	208-1	0.59	0.58	0.57	0.58	1.31	ppb
Lithium	6-1				86		%
Magnesium	24-2	510977.24	495117.11	493512.67	499869.01	1.93	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:45:19	DataFile Name :	013CAL5_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.84	6.72	6.61	6.72	1.70	ppb
Molybdenum	94-1	3.25	3.32	3.20	3.25	1.85	ppb
Molybdenum	95-1	4.18	4.22	4.00	4.13	2.87	ppb
Molybdenum	96-1	4.21	4.25	4.01	4.16	3.01	ppb
Molybdenum	97-1	4.17	4.19	3.95	4.10	3.32	ppb
Molybdenum	98-1	4.25	4.15	3.92	4.10	4.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.29	25.70	25.44	25.81	1.69	ppb
Phosphorus	31-2	-13.14	-20.25	-16.38	-16.59		ppb
Potassium	39-2	255555.79	246739.22	249283.96	250526.33	1.81	ppb
Rhodium	103-1				80		%
Rhodium	103-2				81		%
Scandium	45-1				93		%
Scandium	45-2				98		%
Selenium	77-2	0.58	1.38	-0.07	0.63	114.69	ppb
Selenium	78-2	0.41	0.66	0.48	0.52	25.19	ppb
Selenium	82-1	0.21	0.40	0.71	0.44	57.26	ppb
Silicon	28-1	16.26	15.94	15.30	15.83	3.09	ppb
Silver	109-1	0.07	0.07	0.07	0.07	6.63	ppb
Silver	107-1	0.07	0.07	0.08	0.07	10.81	ppb
Sodium	23-2	511948.91	490691.62	497955.60	500198.71	2.16	ppb
Strontium	86-1	4.15	4.26	4.25	4.22	1.39	ppb
Strontium	88-1	4.27	4.26	4.17	4.23	1.34	ppb
Sulfur	34-1	-571.62	-450.10	-483.24	-501.65		ppb
Terbium	159-1				91		%
Terbium	159-2				91		%
Thallium	203-1	0.25	0.24	0.25	0.25	2.31	ppb
Thallium	205-1	0.25	0.24	0.22	0.23	7.56	ppb
Thorium	232-1	0.27	0.24	0.23	0.25	8.53	ppb
Tin	118-1	0.40	0.36	0.36	0.37	6.14	ppb
Titanium	47-1	0.97	1.02	0.89	0.96	7.22	ppb
Uranium	238-1	0.06	0.08	0.07	0.07	13.52	ppb
Vanadium	51-2	0.20	0.20	0.20	0.20	1.74	ppb
Yttrium	89-1				92		%
Yttrium	89-2				94		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:45:19	DataFile Name :	013CALS_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	18.05	17.40	17.70	17.72	1.81	ppb
Zirconium	90-1	0.22	0.23	0.21	0.22	3.42	ppb
Zirconium	91-1	0.22	0.25	0.23	0.23	5.14	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:51:33	DataFile Name :	014ICV01_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	460.02	498.52	477.25	478.60	4.03	ppb
Antimony	121-1	200.50	201.91	204.62	202.34	1.04	ppb
Arsenic	75-1	201.21	207.74	211.68	206.88	2.56	ppb
Barium	135-1	100.04	102.88	102.82	101.92	1.59	ppb
Barium	137-1	101.47	103.36	103.66	102.83	1.15	ppb
Beryllium	9-1	96.71	98.55	101.02	98.76	2.19	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	11-1	13.54	13.86	14.20	13.87	2.37	ppb
Boron	10-1	13.35	14.07	14.51	13.98	4.22	ppb
Cadmium	106-1	79.98	79.35	81.88	80.40	1.64	ppb
Cadmium	108-1	85.94	85.06	86.31	85.77	0.74	ppb
Cadmium	111-1	104.31	106.42	107.06	105.93	1.36	ppb
Calcium	43-1	1883.40	1922.49	1977.01	1927.63	2.44	ppb
Calcium	44-1	1895.80	1939.95	1940.95	1925.57	1.34	ppb
Chromium	52-2	96.56	104.02	99.41	100.00	3.76	ppb
Cobalt	59-2	100.51	106.49	102.51	103.17	2.95	ppb
Copper	63-2	99.20	104.76	101.42	101.80	2.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	1002.46	1070.60	1017.92	1030.33	3.47	ppb
Iron	57-2	1027.34	1071.49	1041.05	1046.63	2.16	ppb
Krypton	83-1						cps
Lead	206-1	190.26	193.29	195.95	193.16	1.47	ppb
Lead	207-1	187.54	191.35	193.00	190.63	1.47	ppb
Lead	208-1	189.31	193.49	195.62	192.81	1.66	ppb
Lithium	6-1				101		%
Magnesium	24-2	1211.80	1272.56	1227.83	1237.40	2.54	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:51:33	DataFile Name :	014ICV01_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	96.43	104.13	99.15	99.91	3.91	ppb
Molybdenum	94-1	0.17	0.15	0.18	0.17	8.80	ppb
Molybdenum	95-1	0.15	0.14	0.15	0.15	3.73	ppb
Molybdenum	96-1	0.16	0.16	0.15	0.16	2.05	ppb
Molybdenum	97-1	0.14	0.14	0.13	0.14	4.62	ppb
Molybdenum	98-1	0.14	0.11	0.17	0.14	22.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.63	110.23	105.40	106.42	3.21	ppb
Phosphorus	31-2	-20.65	-21.11	-17.30	-19.68		ppb
Potassium	39-2	1951.18	2085.90	2000.39	2012.49	3.39	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	77-2	212.55	211.72	220.70	214.99	2.31	ppb
Selenium	78-2	205.59	217.37	213.95	212.30	2.86	ppb
Selenium	82-1	206.19	210.47	213.11	209.92	1.67	ppb
Silicon	28-1	1.46	1.84	2.27	1.86	21.66	ppb
Silver	109-1	98.28	97.85	98.39	98.17	0.29	ppb
Silver	107-1	96.46	96.50	98.96	97.31	1.47	ppb
Sodium	23-2	1973.09	2100.81	2007.01	2026.97	3.26	ppb
Strontium	86-1	2.13	2.15	2.34	2.21	5.34	ppb
Strontium	88-1	2.26	2.28	2.30	2.28	0.86	ppb
Sulfur	34-1	-604.96	-418.54	-379.11	-467.54		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	204.31	208.67	208.70	207.23	1.22	ppb
Thallium	205-1	204.40	207.83	209.32	207.18	1.22	ppb
Thorium	232-1	0.02	0.03	0.03	0.02	12.00	ppb
Tin	118-1	0.04	0.06	0.07	0.06	29.53	ppb
Titanium	47-1	0.16	0.18	0.11	0.15	25.69	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	96.36	103.82	99.21	99.80	3.77	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:51:33	DataFile Name :	014ICV01_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	200.67	214.51	207.95	207.71	3.33	ppb
Zirconium	90-1	0.01	0.03	0.03	0.02	51.57	ppb
Zirconium	91-1	0.18	0.19	0.17	0.18	4.02	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:02:12	DataFile Name :	016CCBE_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.16	-0.04	-0.21	-0.14		ppb
Antimony	121-1	0.07	0.06	0.08	0.07	12.50	ppb
Arsenic	75-1	-0.01	-0.01	0.04	0.01	320.93	ppb
Barium	135-1	-0.01	0.01	0.00	0.00		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.01	0.02	0.03	0.02	39.23	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Boron	11-1	4.12	4.62	4.42	4.39	5.74	ppb
Boron	10-1	3.99	5.01	4.35	4.45	11.53	ppb
Cadmium	106-1	-0.57	2.11	-0.28	0.42	350.22	ppb
Cadmium	108-1	-0.09	0.04	-0.04	-0.03		ppb
Cadmium	111-1	-0.05	0.16	-0.02	0.03	356.53	ppb
Calcium	43-1	0.80	-0.99	-1.02	-0.40		ppb
Calcium	44-1	0.82	-0.61	0.57	0.26	291.50	ppb
Chromium	52-2	0.02	0.03	0.00	0.02	75.82	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	875.17	ppb
Copper	63-2	-0.04	-0.04	-0.02	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	56-2	0.14	0.16	0.18	0.16	12.22	ppb
Iron	57-2	0.70	0.28	0.24	0.40	63.22	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	-0.01	-0.01	-0.01		ppb
Lead	207-1	-0.01	0.00	-0.01	-0.01		ppb
Lead	208-1	0.00	0.00	0.00	0.00		ppb
Lithium	6-1				100		%
Magnesium	24-2	0.45	1.14	0.91	0.84	41.76	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:02:12	DataFile Name :	016CCBE_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	94-1	0.02	-0.01	0.01	0.01	146.85	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.02	21.92	ppb
Molybdenum	96-1	0.03	0.02	0.01	0.02	29.77	ppb
Molybdenum	97-1	0.01	0.02	0.02	0.02	60.46	ppb
Molybdenum	98-1	0.03	0.02	0.02	0.02	19.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	-0.03	-0.02		ppb
Phosphorus	31-2	-23.61	-29.69	-15.99	-23.10		ppb
Potassium	39-2	15.64	12.52	16.07	14.74	13.14	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	77-2	-0.07	-0.07	-0.07	-0.07		ppb
Selenium	78-2	0.35	0.04	0.16	0.18	84.31	ppb
Selenium	82-1	-0.12	0.21	-0.15	-0.02		ppb
Silicon	28-1	-1.27	-1.10	-0.95	-1.10		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	19.97	20.63	20.42	20.34	1.68	ppb
Strontium	86-1	-0.03	-0.05	-0.03	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	823.27	ppb
Sulfur	34-1	-370.50	-45.33	-47.01	-154.28		ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.02	0.02	0.01	56.26	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	57.91	ppb
Thorium	232-1	0.02	0.03	0.03	0.03	11.75	ppb
Tin	118-1	0.03	0.06	0.03	0.04	54.35	ppb
Titanium	47-1	0.01	0.03	-0.03	0.00	1568.22	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				106		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:02:12	DataFile Name :	016CCBE_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.01	-0.07	-0.03	-0.04		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	40.39	ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	87.65	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:05:49	DataFile Name :	017ICSA01_P7090319 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85426.31	85233.31	85138.93	85266.18	0.17	ppb
Antimony	121-1	1.16	1.14	1.12	1.14	1.76	ppb
Arsenic	75-1	1.07	1.00	1.12	1.06	5.65	ppb
Barium	135-1	1.53	1.58	1.48	1.53	3.27	ppb
Barium	137-1	1.49	1.35	1.50	1.44	5.92	ppb
Beryllium	9-1	0.29	0.26	0.26	0.27	6.77	ppb
Bismuth	209-1				87		%
Bismuth	209-2				89		%
Boron	11-1	4.05	3.73	3.69	3.82	5.20	ppb
Boron	10-1	4.10	3.54	3.63	3.76	8.08	ppb
Cadmium	106-1	0.00	-1.92	-0.72	-0.88		ppb
Cadmium	108-1	23.66	22.21	23.76	23.21	3.72	ppb
Cadmium	111-1	0.84	0.92	0.82	0.86	6.42	ppb
Calcium	43-1	92734.35	93455.87	93134.03	93108.08	0.39	ppb
Calcium	44-1	92851.67	94339.16	93515.16	93568.66	0.80	ppb
Chromium	52-2	18.99	19.04	19.12	19.05	0.35	ppb
Cobalt	59-2	1.17	1.20	1.12	1.16	3.30	ppb
Copper	63-2	7.20	7.14	7.27	7.20	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				98		%
Iron	56-2	96687.42	96672.88	97254.66	96871.65	0.34	ppb
Iron	57-2	96618.55	96680.66	96666.88	96655.36	0.03	ppb
Krypton	83-1						cps
Lead	206-1	4.79	4.82	4.92	4.84	1.44	ppb
Lead	207-1	4.31	4.36	4.35	4.34	0.57	ppb
Lead	208-1	4.53	4.58	4.58	4.56	0.59	ppb
Lithium	6-1				94		%
Magnesium	24-2	96149.48	96566.21	96536.05	96417.24	0.24	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:05:49	DataFile Name :	017ICSA01_P7090319 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.53	7.51	7.55	7.53	0.27	ppb
Molybdenum	94-1	1263.72	1265.82	1271.38	1266.97	0.31	ppb
Molybdenum	95-1	1790.49	1784.82	1791.36	1788.89	0.20	ppb
Molybdenum	96-1	1708.97	1715.47	1718.39	1714.27	0.28	ppb
Molybdenum	97-1	1787.71	1779.94	1759.90	1775.85	0.81	ppb
Molybdenum	98-1	1778.84	1782.96	1769.38	1777.06	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.18	5.15	5.05	5.12	1.27	ppb
Phosphorus	31-2	96011.83	94939.70	95028.67	95326.73	0.62	ppb
Potassium	39-2	94494.07	94580.09	94928.42	94667.53	0.24	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	77-2	-0.07	-0.07	-0.07	-0.07		ppb
Selenium	78-2	-0.04	0.21	0.23	0.13	112.93	ppb
Selenium	82-1	0.38	-0.07	-0.20	0.03	881.52	ppb
Silicon	28-1	21.62	21.87	21.30	21.60	1.34	ppb
Silver	109-1	0.03	0.03	0.03	0.03	3.42	ppb
Silver	107-1	0.03	0.03	0.04	0.03	10.36	ppb
Sodium	23-2	95687.94	96033.31	96235.79	95985.68	0.29	ppb
Strontium	86-1	33.27	33.17	33.11	33.18	0.24	ppb
Strontium	88-1	32.85	32.90	32.87	32.87	0.08	ppb
Sulfur	34-1	72027.99	73006.04	71923.18	72319.07	0.83	ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	0.12	0.16	0.16	0.15	13.77	ppb
Thallium	205-1	0.13	0.14	0.15	0.14	8.63	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	9.76	ppb
Tin	118-1	0.19	0.20	0.17	0.19	9.69	ppb
Titanium	47-1	2001.42	1990.05	1991.61	1994.36	0.31	ppb
Uranium	238-1	0.02	0.01	0.02	0.01	41.97	ppb
Vanadium	51-2	0.17	0.18	0.16	0.17	5.61	ppb
Yttrium	89-1				100		%
Yttrium	89-2				104		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:05:49	DataFile Name :	017ICSA01_P7090319 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.14	11.41	11.75	11.44	2.63	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	20.71	ppb
Zirconium	91-1	0.02	0.04	0.02	0.03	37.74	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:09:26	DataFile Name :	018ICSB_P7090319 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	81488.58	84689.73	85234.53	83804.28	2.42	ppb
Antimony	121-1	20.91	20.90	21.14	20.98	0.66	ppb
Arsenic	75-1	20.53	21.09	19.97	20.53	2.71	ppb
Barium	135-1	21.81	21.81	22.00	21.87	0.52	ppb
Barium	137-1	21.59	21.71	22.26	21.85	1.63	ppb
Beryllium	9-1	20.09	20.12	19.79	20.00	0.91	ppb
Bismuth	209-1				87		%
Bismuth	209-2				90		%
Boron	11-1	2.75	2.53	2.50	2.59	5.40	ppb
Boron	10-1	2.74	2.81	2.40	2.65	8.14	ppb
Cadmium	106-1	15.22	16.49	14.80	15.50	5.70	ppb
Cadmium	108-1	39.63	39.80	39.56	39.66	0.32	ppb
Cadmium	111-1	20.37	20.48	20.69	20.51	0.78	ppb
Calcium	43-1	91981.56	92018.59	93290.17	92430.11	0.81	ppb
Calcium	44-1	92305.37	93323.26	93657.26	93095.30	0.76	ppb
Chromium	52-2	36.43	37.71	37.89	37.34	2.12	ppb
Cobalt	59-2	19.44	20.13	20.24	19.94	2.19	ppb
Copper	63-2	24.34	25.49	25.40	25.08	2.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	92279.64	96092.05	96015.96	94795.88	2.30	ppb
Iron	57-2	92223.94	95223.97	95372.91	94273.60	1.88	ppb
Krypton	83-1						cps
Lead	206-1	24.85	24.59	25.02	24.82	0.87	ppb
Lead	207-1	23.31	23.21	23.76	23.43	1.26	ppb
Lead	208-1	23.86	23.71	24.18	23.91	1.00	ppb
Lithium	6-1				96		%
Magnesium	24-2	91658.91	95651.52	96236.03	94515.49	2.64	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:09:26	DataFile Name :	018ICSB_P7090319 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	25.50	26.07	26.50	26.02	1.92	ppb
Molybdenum	94-1	1244.25	1259.87	1264.30	1256.14	0.84	ppb
Molybdenum	95-1	1750.96	1780.07	1780.24	1770.42	0.95	ppb
Molybdenum	96-1	1690.78	1717.98	1705.23	1704.66	0.80	ppb
Molybdenum	97-1	1756.96	1774.51	1773.88	1768.45	0.56	ppb
Molybdenum	98-1	1752.68	1758.29	1762.79	1757.92	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.04	24.57	24.06	23.89	3.26	ppb
Phosphorus	31-2	90759.09	94319.78	95263.89	93447.59	2.54	ppb
Potassium	39-2	90905.59	93623.90	94920.25	93149.91	2.20	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				111		%
Selenium	77-2	17.21	17.48	20.04	18.24	8.55	ppb
Selenium	78-2	17.08	17.28	18.32	17.56	3.79	ppb
Selenium	82-1	18.74	18.35	18.39	18.49	1.18	ppb
Silicon	28-1	23.79	24.79	24.80	24.46	2.37	ppb
Silver	109-1	19.98	19.60	19.82	19.80	0.96	ppb
Silver	107-1	19.47	19.67	19.61	19.59	0.52	ppb
Sodium	23-2	90850.34	94946.12	95108.75	93635.07	2.58	ppb
Strontium	86-1	32.90	33.55	33.08	33.18	1.02	ppb
Strontium	88-1	32.90	33.07	32.84	32.94	0.37	ppb
Sulfur	34-1	71298.61	71653.92	72312.44	71754.99	0.72	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	20.08	19.90	20.46	20.15	1.41	ppb
Thallium	205-1	20.17	20.05	20.24	20.15	0.48	ppb
Thorium	232-1	0.02	0.01	0.02	0.02	12.59	ppb
Tin	118-1	0.18	0.19	0.24	0.20	15.20	ppb
Titanium	47-1	1957.59	1985.66	1978.96	1974.07	0.74	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	41.22	ppb
Vanadium	51-2	18.55	19.29	19.17	19.00	2.09	ppb
Yttrium	89-1				104		%
Yttrium	89-2				107		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:09:26	DataFile Name :	018ICSB_P7090319 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	27.47	28.89	27.94	28.10	2.58	ppb
Zirconium	90-1	0.02	0.02	0.03	0.03	18.25	ppb
Zirconium	91-1	0.03	0.02	0.03	0.03	17.96	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P7
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:13:25	DataFile Name :	019CCV_P7090319 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49220.78	49299.21	49007.47	49175.82	0.31	ppb
Antimony	121-1	505.13	499.06	501.44	501.88	0.61	ppb
Arsenic	75-1	476.43	483.24	478.24	479.30	0.74	ppb
Barium	135-1	2537.10	2497.45	2548.91	2527.82	1.07	ppb
Barium	137-1	2525.64	2515.29	2535.87	2525.60	0.41	ppb
Beryllium	9-1	492.88	491.07	490.47	491.47	0.26	ppb
Bismuth	209-1				85		%
Bismuth	209-2				86		%
Boron	11-1	493.56	497.06	501.94	497.52	0.85	ppb
Boron	10-1	493.22	495.66	504.50	497.79	1.19	ppb
Cadmium	106-1	537.68	540.36	537.68	538.57	0.29	ppb
Cadmium	108-1	546.66	537.11	548.54	544.10	1.13	ppb
Cadmium	111-1	544.40	545.93	542.40	544.24	0.32	ppb
Calcium	43-1	230301.97	228045.74	228000.66	228782.79	0.58	ppb
Calcium	44-1	228980.12	227338.57	228622.85	228313.85	0.38	ppb
Chromium	52-2	479.45	476.58	477.49	477.84	0.31	ppb
Cobalt	59-2	462.11	463.86	461.75	462.57	0.24	ppb
Copper	63-2	993.36	996.30	990.33	993.33	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	117724.46	117980.52	116515.83	117406.94	0.67	ppb
Iron	57-2	117033.29	117706.73	118023.20	117587.74	0.43	ppb
Krypton	83-1						cps
Lead	206-1	488.72	489.24	488.50	488.82	0.08	ppb
Lead	207-1	493.96	492.59	495.89	494.15	0.33	ppb
Lead	208-1	494.42	492.92	497.08	494.81	0.43	ppb
Lithium	6-1				95		%
Magnesium	24-2	233159.16	231776.31	231991.19	232308.89	0.32	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P7
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:13:25	DataFile Name :	019CCV_P7090319 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	940.37	941.31	939.87	940.51	0.08	ppb
Molybdenum	94-1	2466.10	2464.68	2430.24	2453.67	0.83	ppb
Molybdenum	95-1	2458.71	2463.95	2441.15	2454.60	0.49	ppb
Molybdenum	96-1	2451.11	2451.45	2443.14	2448.57	0.19	ppb
Molybdenum	97-1	2442.14	2454.85	2451.24	2449.41	0.27	ppb
Molybdenum	98-1	2454.57	2454.31	2422.44	2443.77	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	460.69	466.74	463.35	463.60	0.65	ppb
Phosphorus	31-2	9608.78	9701.05	9707.13	9672.32	0.57	ppb
Potassium	39-2	118179.73	118728.42	118651.69	118519.95	0.25	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				108		%
Scandium	45-2				111		%
Selenium	77-2	479.92	478.78	481.36	480.02	0.27	ppb
Selenium	78-2	478.33	470.52	473.13	473.99	0.84	ppb
Selenium	82-1	478.96	482.31	476.96	479.41	0.56	ppb
Silicon	28-1	509.03	523.82	538.43	523.76	2.81	ppb
Silver	109-1	518.75	517.40	519.21	518.46	0.18	ppb
Silver	107-1	522.51	514.10	517.96	518.19	0.81	ppb
Sodium	23-2	229086.78	231058.27	231176.47	230440.50	0.51	ppb
Strontium	86-1	493.69	491.98	491.86	492.51	0.21	ppb
Strontium	88-1	490.57	491.27	489.28	490.38	0.21	ppb
Sulfur	34-1	9259.41	9254.91	9254.49	9256.27	0.03	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	502.24	504.46	501.19	502.63	0.33	ppb
Thallium	205-1	497.96	498.15	495.38	497.17	0.31	ppb
Thorium	232-1	512.40	511.82	514.38	512.87	0.26	ppb
Tin	118-1	515.17	510.36	515.21	513.58	0.54	ppb
Titanium	47-1	2475.17	2452.64	2477.21	2468.34	0.55	ppb
Uranium	238-1	516.02	511.65	515.48	514.38	0.46	ppb
Vanadium	51-2	479.22	478.28	476.62	478.04	0.28	ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P7
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:13:25	DataFile Name :	019CCV_P7090319 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	901.93	904.71	896.63	901.09	0.46	ppb
Zirconium	90-1	496.36	497.65	492.73	495.58	0.51	ppb
Zirconium	91-1	493.77	490.34	485.81	489.97	0.82	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P7
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:23:22	DataFile Name :	021CCBE_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.24	-0.21	-0.05	-0.17		ppb
Antimony	121-1	0.07	0.09	0.08	0.08	12.43	ppb
Arsenic	75-1	0.10	0.03	0.07	0.06	51.94	ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.00	0.00	-0.01	0.00	2244.68	ppb
Beryllium	9-1	0.03	0.02	-0.02	0.01	209.93	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Boron	11-1	5.41	5.50	5.43	5.45	0.85	ppb
Boron	10-1	5.83	6.37	4.96	5.72	12.42	ppb
Cadmium	106-1	0.49	1.52	2.23	1.42	61.99	ppb
Cadmium	108-1	-0.07	-0.04	0.02	-0.03		ppb
Cadmium	111-1	0.06	0.12	0.18	0.12	51.31	ppb
Calcium	43-1	1.55	0.09	0.45	0.70	109.29	ppb
Calcium	44-1	2.85	1.36	0.73	1.65	66.04	ppb
Chromium	52-2	0.01	0.02	0.02	0.02	32.61	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.04	0.02	0.05	0.04	36.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	0.46	0.42	0.47	0.45	5.28	ppb
Iron	57-2	0.89	1.46	0.36	0.90	60.82	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.08	0.09	0.09	3.42	ppb
Lead	207-1	0.07	0.07	0.07	0.07	1.79	ppb
Lead	208-1	0.08	0.08	0.08	0.08	2.15	ppb
Lithium	6-1				98		%
Magnesium	24-2	1.17	0.69	0.72	0.86	31.19	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P7
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:23:22	DataFile Name :	021CCBE_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	94-1	0.05	0.08	0.06	0.06	28.49	ppb
Molybdenum	95-1	0.07	0.08	0.09	0.08	10.99	ppb
Molybdenum	96-1	0.08	0.07	0.08	0.08	2.95	ppb
Molybdenum	97-1	0.09	0.09	0.07	0.09	13.47	ppb
Molybdenum	98-1	0.08	0.07	0.08	0.08	7.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	-0.03	-0.02		ppb
Phosphorus	31-2	-27.74	-31.43	-34.06	-31.08		ppb
Potassium	39-2	31.38	30.99	29.54	30.63	3.17	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	77-2	-0.07	-0.07	-0.07	-0.07		ppb
Selenium	78-2	-0.05	0.19	0.10	0.08	149.64	ppb
Selenium	82-1	-0.06	0.06	-0.05	-0.02		ppb
Silicon	28-1	-0.78	-0.97	-0.97	-0.91		ppb
Silver	109-1	0.02	0.02	0.02	0.02	6.43	ppb
Silver	107-1	0.02	0.02	0.01	0.01	5.97	ppb
Sodium	23-2	30.29	32.35	30.60	31.08	3.57	ppb
Strontium	86-1	-0.01	-0.02	-0.02	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	22.36	ppb
Sulfur	34-1	-1.21	50.46	0.57	16.60	176.66	ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	0.06	0.03	0.05	0.05	27.42	ppb
Thallium	205-1	0.06	0.06	0.05	0.05	12.51	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	12.60	ppb
Tin	118-1	0.07	0.06	0.06	0.06	8.34	ppb
Titanium	47-1	0.04	0.00	0.02	0.02	114.12	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P7
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:23:22	DataFile Name :	021CCBE_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.05	-0.15	-0.09	-0.10		ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	47.14	ppb
Zirconium	91-1	0.02	0.01	0.03	0.02	64.57	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:26:58	DataFile Name :	022LLCC_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.25	18.82	17.84	18.30	2.69	ppb
Antimony	121-1	2.07	2.06	2.08	2.07	0.44	ppb
Arsenic	75-1	1.27	1.40	1.15	1.28	9.84	ppb
Barium	135-1	10.57	10.54	10.56	10.56	0.13	ppb
Barium	137-1	10.40	10.76	10.51	10.56	1.77	ppb
Beryllium	9-1	1.06	1.02	1.03	1.04	1.67	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Boron	11-1	26.78	26.93	27.05	26.92	0.50	ppb
Boron	10-1	27.61	28.01	27.75	27.79	0.73	ppb
Cadmium	106-1	2.55	1.73	1.48	1.92	29.21	ppb
Cadmium	108-1	1.00	1.17	1.04	1.07	8.54	ppb
Cadmium	111-1	1.24	1.14	1.11	1.16	6.12	ppb
Calcium	43-1	466.46	483.86	497.59	482.64	3.23	ppb
Calcium	44-1	478.75	483.81	476.64	479.73	0.77	ppb
Chromium	52-2	2.02	1.99	1.99	2.00	0.83	ppb
Cobalt	59-2	1.00	1.02	1.02	1.01	0.91	ppb
Copper	63-2	2.08	1.99	1.98	2.02	2.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	53.60	54.28	54.22	54.03	0.69	ppb
Iron	57-2	53.50	54.02	55.19	54.24	1.59	ppb
Krypton	83-1						cps
Lead	206-1	0.99	1.04	1.04	1.02	2.42	ppb
Lead	207-1	0.99	1.04	1.01	1.02	2.64	ppb
Lead	208-1	1.00	1.04	1.02	1.02	2.10	ppb
Lithium	6-1				100		%
Magnesium	24-2	522.54	523.04	528.46	524.68	0.63	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:26:58	DataFile Name :	022LLCC_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.09	0.97	0.99	1.02	6.31	ppb
Molybdenum	94-1	4.76	4.64	4.88	4.76	2.51	ppb
Molybdenum	95-1	4.75	4.74	4.86	4.78	1.46	ppb
Molybdenum	96-1	4.81	4.76	4.80	4.79	0.53	ppb
Molybdenum	97-1	4.83	4.91	4.99	4.91	1.57	ppb
Molybdenum	98-1	4.79	4.88	4.78	4.82	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.03	1.09	1.05	3.05	ppb
Phosphorus	31-2	33.81	34.21	16.94	28.32	34.82	ppb
Potassium	39-2	508.44	513.91	513.90	512.08	0.62	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				109		%
Selenium	77-2	8.36	4.80	6.28	6.48	27.56	ppb
Selenium	78-2	5.66	5.63	5.18	5.49	4.90	ppb
Selenium	82-1	5.59	4.99	5.02	5.20	6.51	ppb
Silicon	28-1	7.40	7.24	7.40	7.35	1.24	ppb
Silver	109-1	1.05	1.05	1.04	1.05	0.84	ppb
Silver	107-1	1.08	1.08	1.08	1.08	0.03	ppb
Sodium	23-2	517.13	522.32	521.67	520.37	0.54	ppb
Strontium	86-1	1.01	1.02	1.02	1.02	0.88	ppb
Strontium	88-1	0.99	0.99	1.01	0.99	1.24	ppb
Sulfur	34-1	-302.38	-252.18	-307.84	-287.47		ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	0.99	0.99	1.00	0.99	0.79	ppb
Thallium	205-1	0.98	1.01	0.97	0.99	2.17	ppb
Thorium	232-1	0.89	0.88	0.88	0.88	0.71	ppb
Tin	118-1	5.49	5.46	7.80	6.25	21.48	ppb
Titanium	47-1	5.09	5.08	5.19	5.12	1.18	ppb
Uranium	238-1	0.92	0.91	0.93	0.92	1.04	ppb
Vanadium	51-2	5.23	5.20	5.29	5.24	0.85	ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:26:58	DataFile Name :	022LLCC_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.98	2.94	2.41	3.11	25.65	ppb
Zirconium	90-1	0.92	0.94	0.97	0.94	2.30	ppb
Zirconium	91-1	0.97	0.94	0.99	0.97	2.44	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	PB122782BL	Instrumnet Name :	P7
Client Sample ID :	PB122782BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:30:34	DataFile Name :	023CCBE_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.21	-0.17	-0.09	-0.15		ppb
Antimony	121-1	0.01	0.03	0.02	0.02	35.20	ppb
Arsenic	75-1	0.04	0.02	0.04	0.03	40.21	ppb
Barium	135-1	-0.01	-0.01	0.00	-0.01		ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	100.46	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Boron	11-1	2.82	2.61	2.51	2.64	5.93	ppb
Boron	10-1	2.49	2.14	2.23	2.29	7.98	ppb
Cadmium	106-1	0.39	1.19	0.41	0.66	69.20	ppb
Cadmium	108-1	-0.08	0.02	-0.03	-0.03		ppb
Cadmium	111-1	0.04	0.09	0.04	0.06	59.09	ppb
Calcium	43-1	-0.15	-0.56	0.70	0.00		ppb
Calcium	44-1	0.61	1.17	0.71	0.83	36.40	ppb
Chromium	52-2	0.02	0.03	0.03	0.03	19.34	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.00	0.02	0.02	0.01	85.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	0.09	0.04	0.10	0.08	38.84	ppb
Iron	57-2	0.46	0.37	0.18	0.34	42.01	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.03	0.03	14.65	ppb
Lead	207-1	0.03	0.02	0.02	0.03	28.18	ppb
Lead	208-1	0.04	0.03	0.03	0.03	12.68	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.06	0.52	0.24	0.27	85.02	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	PB122782BL	Instrumnet Name :	P7
Client Sample ID :	PB122782BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:30:34	DataFile Name :	023CCBE_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	-0.03	-0.02	-0.02		ppb
Molybdenum	94-1	0.02	0.03	0.00	0.02	87.92	ppb
Molybdenum	95-1	0.03	0.03	0.02	0.03	7.86	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	21.71	ppb
Molybdenum	97-1	0.04	0.03	0.03	0.03	29.88	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	10.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	-0.01	-0.01		ppb
Phosphorus	31-2	-26.30	-32.27	-23.83	-27.47		ppb
Potassium	39-2	21.32	22.12	22.07	21.84	2.05	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	77-2	-0.07	-0.07	-0.07	-0.07		ppb
Selenium	78-2	0.04	0.13	0.12	0.10	50.73	ppb
Selenium	82-1	-0.04	-0.07	-0.11	-0.07		ppb
Silicon	28-1	-1.29	-1.59	-1.33	-1.40		ppb
Silver	109-1	0.01	0.01	0.01	0.01	16.76	ppb
Silver	107-1	0.01	0.01	0.01	0.01	21.56	ppb
Sodium	23-2	23.90	22.87	23.20	23.32	2.24	ppb
Strontium	86-1	-0.05	-0.02	-0.01	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	252.77	ppb
Sulfur	34-1	-141.58	-327.67	-324.41	-264.55		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.04	0.03	0.03	11.88	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	15.50	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	8.02	ppb
Tin	118-1	0.03	0.05	0.01	0.03	60.30	ppb
Titanium	47-1	0.02	0.01	-0.02	0.00	449.55	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	PB122782BL	Instrumnet Name :	P7
Client Sample ID :	PB122782BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:30:34	DataFile Name :	023CCBE_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.13	-0.22	-0.15	-0.17		ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	56.93	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	70.76	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	PB122782BS	Instrumnet Name :	P7
Client Sample ID :	PB122782BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:34:10	DataFile Name :	024LCS6_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9386.68	9364.15	9307.56	9352.80	0.44	ppb
Antimony	121-1	521.72	519.16	516.92	519.27	0.46	ppb
Arsenic	75-1	506.76	507.33	508.59	507.56	0.18	ppb
Barium	135-1	2582.71	2570.32	2555.49	2569.51	0.53	ppb
Barium	137-1	2550.56	2567.73	2566.60	2561.63	0.37	ppb
Beryllium	9-1	501.85	503.21	502.93	502.67	0.14	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Boron	11-1	488.65	495.09	502.29	495.34	1.38	ppb
Boron	10-1	481.81	493.46	498.24	491.17	1.72	ppb
Cadmium	106-1	521.52	525.98	526.19	524.56	0.50	ppb
Cadmium	108-1	526.88	525.86	530.13	527.62	0.42	ppb
Cadmium	111-1	524.66	522.08	523.32	523.35	0.25	ppb
Calcium	43-1	49108.52	48597.53	48509.02	48738.36	0.66	ppb
Calcium	44-1	49154.58	49385.11	48872.39	49137.36	0.52	ppb
Chromium	52-2	490.40	495.66	493.84	493.30	0.54	ppb
Cobalt	59-2	494.44	495.10	495.52	495.02	0.11	ppb
Copper	63-2	958.85	976.31	951.34	962.17	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	25102.56	25352.66	25259.50	25238.24	0.50	ppb
Iron	57-2	24935.44	25124.77	25050.93	25037.05	0.38	ppb
Krypton	83-1						cps
Lead	206-1	492.63	496.63	492.54	493.93	0.47	ppb
Lead	207-1	491.55	495.57	488.57	491.90	0.71	ppb
Lead	208-1	493.20	497.87	494.54	495.20	0.49	ppb
Lithium	6-1				98		%
Magnesium	24-2	50467.84	50714.71	50812.74	50665.09	0.35	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	PB122782BS	Instrumnet Name :	P7
Client Sample ID :	PB122782BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:34:10	DataFile Name :	024LCS6_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	992.34	997.24	990.71	993.43	0.34	ppb
Molybdenum	94-1	2488.16	2486.51	2480.87	2485.18	0.15	ppb
Molybdenum	95-1	2509.98	2503.24	2487.03	2500.08	0.47	ppb
Molybdenum	96-1	2490.43	2491.62	2469.24	2483.76	0.51	ppb
Molybdenum	97-1	2490.02	2492.54	2462.90	2481.82	0.66	ppb
Molybdenum	98-1	2471.50	2483.18	2458.52	2471.07	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.88	500.18	499.85	498.64	0.48	ppb
Phosphorus	31-2	9933.41	10082.19	10140.98	10052.19	1.06	ppb
Potassium	39-2	24198.32	24381.14	24248.40	24275.95	0.39	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	77-2	508.89	517.56	502.38	509.61	1.49	ppb
Selenium	78-2	507.15	497.98	504.71	503.28	0.94	ppb
Selenium	82-1	507.87	505.81	505.79	506.49	0.24	ppb
Silicon	28-1	487.22	492.57	497.67	492.49	1.06	ppb
Silver	109-1	535.17	535.48	532.93	534.53	0.26	ppb
Silver	107-1	534.55	536.29	539.58	536.81	0.48	ppb
Sodium	23-2	49666.54	49930.11	49735.23	49777.30	0.27	ppb
Strontium	86-1	502.32	498.32	499.44	500.02	0.41	ppb
Strontium	88-1	496.74	502.39	500.21	499.78	0.57	ppb
Sulfur	34-1	9774.09	9473.21	9513.90	9587.07	1.70	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	492.05	505.52	502.60	500.06	1.42	ppb
Thallium	205-1	491.18	499.07	496.42	495.56	0.81	ppb
Thorium	232-1	488.53	495.70	493.51	492.58	0.75	ppb
Tin	118-1	527.46	525.81	523.19	525.48	0.41	ppb
Titanium	47-1	2506.70	2527.14	2507.18	2513.67	0.46	ppb
Uranium	238-1	492.70	499.15	495.24	495.70	0.66	ppb
Vanadium	51-2	493.11	493.43	493.78	493.44	0.07	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	PB122782BS	Instrumnet Name :	P7
Client Sample ID :	PB122782BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:34:10	DataFile Name :	024LCS6_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	967.63	974.72	965.33	969.23	0.51	ppb
Zirconium	90-1	501.92	503.31	498.52	501.25	0.49	ppb
Zirconium	91-1	498.23	496.52	495.43	496.73	0.28	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4628-01	Instrumnet Name :	P7
Client Sample ID :	390828177	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:37:46	DataFile Name :	025SMPL_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.50	27.44	27.71	27.88	1.96	ppb
Antimony	121-1	0.29	0.29	0.33	0.30	7.97	ppb
Arsenic	75-1	0.32	0.22	0.30	0.28	19.19	ppb
Barium	135-1	10.08	10.25	10.05	10.12	1.08	ppb
Barium	137-1	10.07	10.21	9.93	10.07	1.40	ppb
Beryllium	9-1	0.06	0.05	0.08	0.06	25.33	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Boron	11-1	47.03	46.86	44.85	46.25	2.62	ppb
Boron	10-1	45.65	44.89	45.63	45.39	0.95	ppb
Cadmium	106-1	3.22	3.27	4.93	3.81	25.50	ppb
Cadmium	108-1	0.16	0.06	0.07	0.10	57.27	ppb
Cadmium	111-1	0.31	0.32	0.44	0.36	19.83	ppb
Calcium	43-1	63426.94	63495.30	63356.92	63426.38	0.11	ppb
Calcium	44-1	64108.30	63896.85	63964.41	63989.85	0.17	ppb
Chromium	52-2	4.90	4.82	4.90	4.87	1.00	ppb
Cobalt	59-2	0.84	0.84	0.89	0.85	3.71	ppb
Copper	63-2	21.16	20.96	21.41	21.18	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	19952.47	19655.38	19782.20	19796.68	0.75	ppb
Iron	57-2	19587.55	19656.85	19831.34	19691.91	0.64	ppb
Krypton	83-1						cps
Lead	206-1	1.19	1.21	1.20	1.20	0.80	ppb
Lead	207-1	1.15	1.18	1.14	1.16	1.75	ppb
Lead	208-1	1.18	1.18	1.17	1.17	0.40	ppb
Lithium	6-1				102		%
Magnesium	24-2	13859.23	13711.27	13839.49	13803.33	0.58	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4628-01	Instrumnet Name :	P7
Client Sample ID :	390828177	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:37:46	DataFile Name :	025SMPL_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	58.36	57.59	58.98	58.31	1.20	ppb
Molybdenum	94-1	0.52	0.48	0.46	0.49	6.00	ppb
Molybdenum	95-1	0.51	0.48	0.47	0.49	5.06	ppb
Molybdenum	96-1	0.53	0.46	0.44	0.48	10.13	ppb
Molybdenum	97-1	0.49	0.43	0.41	0.44	9.72	ppb
Molybdenum	98-1	0.56	0.48	0.44	0.49	12.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.19	13.09	13.33	13.21	0.91	ppb
Phosphorus	31-2	-25.64	-17.60	-21.42	-21.55		ppb
Potassium	39-2	2292.96	2305.31	2308.54	2302.27	0.36	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				111		%
Scandium	45-2				112		%
Selenium	77-2	0.48	-0.07	-0.07	0.11	273.60	ppb
Selenium	78-2	0.55	0.31	-0.17	0.23	158.66	ppb
Selenium	82-1	0.20	0.44	0.15	0.26	58.16	ppb
Silicon	28-1	332.85	329.52	334.10	332.16	0.71	ppb
Silver	109-1	0.06	0.07	0.05	0.06	13.12	ppb
Silver	107-1	0.06	0.04	0.04	0.05	20.58	ppb
Sodium	23-2	107816.20	106974.88	107803.29	107531.45	0.45	ppb
Strontium	86-1	390.67	385.03	385.56	387.09	0.81	ppb
Strontium	88-1	387.91	387.76	387.88	387.85	0.02	ppb
Sulfur	34-1	15768.46	16097.59	16132.08	15999.38	1.25	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.12	0.12	0.10	0.12	9.75	ppb
Thallium	205-1	0.13	0.11	0.10	0.11	13.79	ppb
Thorium	232-1	0.11	0.10	0.10	0.10	4.46	ppb
Tin	118-1	1.40	1.30	1.36	1.35	3.75	ppb
Titanium	47-1	1.09	1.07	1.01	1.06	4.09	ppb
Uranium	238-1	0.11	0.10	0.09	0.10	11.44	ppb
Vanadium	51-2	0.18	0.18	0.18	0.18	0.68	ppb
Yttrium	89-1				107		%
Yttrium	89-2				109		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4628-01	Instrumnet Name :	P7
Client Sample ID :	390828177	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:37:46	DataFile Name :	025SMPL_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	59.70	59.19	59.94	59.61	0.64	ppb
Zirconium	90-1	0.12	0.11	0.10	0.11	8.35	ppb
Zirconium	91-1	0.17	0.13	0.10	0.13	25.15	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4600-01	Instrumnet Name :	P7
Client Sample ID :	390822152	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:41:23	DataFile Name :	026SMPL_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.04	1.63	2.46	2.04	20.15	ppb
Antimony	121-1	0.08	0.07	0.09	0.08	13.65	ppb
Arsenic	75-1	2.91	2.97	2.99	2.96	1.47	ppb
Barium	135-1	0.62	0.60	0.62	0.61	1.87	ppb
Barium	137-1	0.60	0.61	0.61	0.61	0.63	ppb
Beryllium	9-1	0.01	0.02	0.03	0.02	60.76	ppb
Bismuth	209-1				88		%
Bismuth	209-2				89		%
Boron	11-1	1502.63	1533.38	1568.34	1534.79	2.14	ppb
Boron	10-1	1440.48	1484.67	1522.16	1482.44	2.76	ppb
Cadmium	106-1	2.49	2.07	2.72	2.43	13.44	ppb
Cadmium	108-1	0.22	0.28	0.29	0.27	14.15	ppb
Cadmium	111-1	0.22	0.20	0.24	0.22	9.61	ppb
Calcium	43-1	8247.80	8271.37	8206.34	8241.84	0.40	ppb
Calcium	44-1	8359.99	8384.58	8372.54	8372.37	0.15	ppb
Chromium	52-2	0.01	0.02	0.02	0.02	28.79	ppb
Cobalt	59-2	0.26	0.24	0.27	0.26	5.72	ppb
Copper	63-2	0.35	0.36	0.36	0.36	1.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	136.09	135.97	143.63	138.56	3.17	ppb
Iron	57-2	160.46	165.19	174.93	166.86	4.42	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.26	0.26	0.26	1.00	ppb
Lead	207-1	0.25	0.25	0.25	0.25	1.41	ppb
Lead	208-1	0.25	0.26	0.25	0.25	1.37	ppb
Lithium	6-1				96		%
Magnesium	24-2	1210.42	1208.80	1278.90	1232.71	3.25	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4600-01	Instrumnet Name :	P7
Client Sample ID :	390822152	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:41:23	DataFile Name :	026SMPL_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	75.18	75.14	80.18	76.84	3.77	ppb
Molybdenum	94-1	14.21	14.44	14.31	14.32	0.81	ppb
Molybdenum	95-1	20.51	19.96	20.23	20.23	1.36	ppb
Molybdenum	96-1	19.66	19.64	19.53	19.61	0.36	ppb
Molybdenum	97-1	20.66	20.30	20.25	20.40	1.10	ppb
Molybdenum	98-1	20.16	20.62	20.47	20.42	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.01	0.05	0.03	63.72	ppb
Phosphorus	31-2	-30.57	-30.64	-31.06	-30.76		ppb
Potassium	39-2	481.94	483.18	504.64	489.92	2.60	ppb
Rhodium	103-1				94		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				110		%
Selenium	77-2	0.12	0.30	-0.07	0.12	157.12	ppb
Selenium	78-2	-0.13	0.18	0.16	0.07	257.27	ppb
Selenium	82-1	0.26	0.01	-0.04	0.08	213.13	ppb
Silicon	28-1	6966.49	7014.17	7056.20	7012.29	0.64	ppb
Silver	109-1	0.02	0.02	0.02	0.02	14.84	ppb
Silver	107-1	0.02	0.01	0.01	0.01	39.26	ppb
Sodium	23-2	618060.80	620886.21	651034.51	629993.84	2.90	ppb
Strontium	86-1	170.43	171.80	169.45	170.56	0.69	ppb
Strontium	88-1	172.17	172.60	171.61	172.13	0.29	ppb
Sulfur	34-1	327609.51	329056.75	329174.88	328613.71	0.27	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.03	0.02	0.03	24.58	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	13.70	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	6.54	ppb
Tin	118-1	-0.03	-0.03	-0.03	-0.03		ppb
Titanium	47-1	0.85	0.94	0.91	0.90	4.93	ppb
Uranium	238-1	0.01	0.00	0.00	0.01	94.53	ppb
Vanadium	51-2	0.10	0.10	0.09	0.10	3.92	ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4600-01	Instrumnet Name :	P7
Client Sample ID :	390822152	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:41:23	DataFile Name :	026SMPL_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	6.15	6.40	6.64	6.40	3.85	ppb
Zirconium	90-1	0.05	0.04	0.04	0.04	14.75	ppb
Zirconium	91-1	0.04	0.05	0.06	0.05	19.55	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4630-01	Instrumnet Name :	P7
Client Sample ID :	390826131	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:45:02	DataFile Name :	027SMPL_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.30	29.31	29.68	29.43	0.75	ppb
Antimony	121-1	0.04	0.04	0.05	0.04	20.27	ppb
Arsenic	75-1	0.26	0.21	0.16	0.21	26.04	ppb
Barium	135-1	174.46	171.11	172.77	172.78	0.97	ppb
Barium	137-1	173.97	170.50	173.19	172.55	1.06	ppb
Beryllium	9-1	0.41	0.44	0.41	0.42	4.24	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	11-1	68.81	63.82	59.88	64.17	6.97	ppb
Boron	10-1	66.91	59.77	57.39	61.36	8.08	ppb
Cadmium	106-1	2.87	2.48	2.44	2.59	9.17	ppb
Cadmium	108-1	0.18	0.07	0.16	0.14	41.41	ppb
Cadmium	111-1	0.35	0.32	0.31	0.32	6.14	ppb
Calcium	43-1	6263.61	6185.45	6199.14	6216.07	0.67	ppb
Calcium	44-1	6393.41	6353.67	6366.92	6371.33	0.32	ppb
Chromium	52-2	0.48	0.48	0.47	0.48	1.78	ppb
Cobalt	59-2	0.45	0.44	0.43	0.44	1.57	ppb
Copper	63-2	5.37	5.32	5.21	5.30	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				108		%
Iron	56-2	193.54	193.80	189.92	192.42	1.13	ppb
Iron	57-2	212.94	210.59	218.61	214.05	1.93	ppb
Krypton	83-1						cps
Lead	206-1	5.23	5.05	5.19	5.16	1.79	ppb
Lead	207-1	4.82	4.80	4.80	4.80	0.22	ppb
Lead	208-1	5.00	4.94	4.98	4.97	0.64	ppb
Lithium	6-1				105		%
Magnesium	24-2	7556.14	7620.41	7503.42	7559.99	0.77	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4630-01	Instrumnet Name :	P7
Client Sample ID :	390826131	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:45:02	DataFile Name :	027SMPL_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	36.05	35.67	35.20	35.64	1.19	ppb
Molybdenum	94-1	0.08	0.05	0.03	0.06	42.11	ppb
Molybdenum	95-1	0.05	0.06	0.04	0.05	25.63	ppb
Molybdenum	96-1	0.05	0.06	0.04	0.05	14.40	ppb
Molybdenum	97-1	0.04	0.05	0.04	0.04	15.45	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	5.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.38	3.41	3.39	3.39	0.39	ppb
Phosphorus	31-2	-36.04	-27.52	-35.21	-32.92		ppb
Potassium	39-2	2886.90	2863.25	2870.43	2873.52	0.42	ppb
Rhodium	103-1				108		%
Rhodium	103-2				110		%
Scandium	45-1				115		%
Scandium	45-2				114		%
Selenium	77-2	1.52	2.98	2.79	2.43	32.69	ppb
Selenium	78-2	1.81	1.32	1.96	1.70	19.59	ppb
Selenium	82-1	1.78	1.44	1.27	1.50	17.48	ppb
Silicon	28-1	5108.07	5099.31	5096.54	5101.31	0.12	ppb
Silver	109-1	0.01	0.01	0.01	0.01	21.12	ppb
Silver	107-1	0.01	0.01	0.00	0.01	16.56	ppb
Sodium	23-2	13418.45	13566.86	13291.27	13425.53	1.03	ppb
Strontium	86-1	139.81	140.03	137.63	139.16	0.95	ppb
Strontium	88-1	140.69	140.35	139.74	140.26	0.34	ppb
Sulfur	34-1	8051.01	7832.90	7804.37	7896.09	1.71	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.01	0.00	0.01	46.66	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	59.80	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.06	-0.06	-0.04	-0.05		ppb
Titanium	47-1	0.53	0.55	0.55	0.54	1.23	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.03	0.03	0.02	0.03	19.82	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4630-01	Instrumnet Name :	P7
Client Sample ID :	390826131	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:45:02	DataFile Name :	027SMPL_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	34.35	33.79	33.30	33.81	1.55	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	55.90	ppb
Zirconium	91-1	0.02	0.01	0.00	0.01	57.68	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4632-01	Instrumnet Name :	P7
Client Sample ID :	390822075	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:48:39	DataFile Name :	028SMPL_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	670.92	673.49	681.49	675.30	0.82	ppb
Antimony	121-1	34.87	34.92	34.27	34.69	1.04	ppb
Arsenic	75-1	2.88	2.96	2.99	2.94	2.04	ppb
Barium	135-1	50.42	51.94	50.01	50.79	2.01	ppb
Barium	137-1	50.24	51.56	50.95	50.92	1.30	ppb
Beryllium	9-1	0.14	0.17	0.13	0.15	13.77	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	11-1	66.24	64.89	62.83	64.66	2.65	ppb
Boron	10-1	63.39	64.30	60.11	62.60	3.53	ppb
Cadmium	106-1	1.88	2.16	2.67	2.24	17.83	ppb
Cadmium	108-1	0.39	0.48	0.42	0.43	10.64	ppb
Cadmium	111-1	0.53	0.51	0.60	0.55	8.16	ppb
Calcium	43-1	27392.93	27565.37	27083.16	27347.15	0.89	ppb
Calcium	44-1	27911.21	27986.08	27848.46	27915.25	0.25	ppb
Chromium	52-2	2.96	3.09	3.12	3.06	2.91	ppb
Cobalt	59-2	1.49	1.44	1.43	1.46	2.17	ppb
Copper	63-2	17039.13	16965.56	16872.38	16959.02	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	56-2	1204.45	1195.24	1184.83	1194.84	0.82	ppb
Iron	57-2	1262.88	1267.26	1244.02	1258.05	0.98	ppb
Krypton	83-1						cps
Lead	206-1	5018.37	5095.43	5035.65	5049.81	0.80	ppb
Lead	207-1	4725.21	4755.67	4735.60	4738.83	0.33	ppb
Lead	208-1	4839.44	4878.37	4870.64	4862.82	0.42	ppb
Lithium	6-1				106		%
Magnesium	24-2	9216.38	9196.77	9126.68	9179.94	0.51	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4632-01	Instrumnet Name :	P7
Client Sample ID :	390822075	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:48:39	DataFile Name :	028SMPL_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.10	28.10	28.20	28.13	0.19	ppb
Molybdenum	94-1	1.07	0.96	0.96	1.00	6.37	ppb
Molybdenum	95-1	0.79	0.81	0.75	0.78	3.59	ppb
Molybdenum	96-1	0.85	0.83	0.83	0.84	1.50	ppb
Molybdenum	97-1	0.74	0.77	0.76	0.76	1.64	ppb
Molybdenum	98-1	0.82	0.80	0.89	0.84	5.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.04	46.61	46.65	46.77	0.50	ppb
Phosphorus	31-2	883.35	898.47	911.33	897.72	1.56	ppb
Potassium	39-2	2278.56	2275.59	2237.57	2263.90	1.01	ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				115		%
Scandium	45-2				114		%
Selenium	77-2	0.82	0.29	0.29	0.47	65.88	ppb
Selenium	78-2	0.52	0.49	0.26	0.42	33.55	ppb
Selenium	82-1	0.32	0.42	0.27	0.34	21.40	ppb
Silicon	28-1	4552.50	4552.54	4471.25	4525.43	1.04	ppb
Silver	109-1	3.54	3.62	3.57	3.57	1.14	ppb
Silver	107-1	3.57	3.59	3.56	3.57	0.38	ppb
Sodium	23-2	33215.43	32931.69	32978.84	33041.98	0.46	ppb
Strontium	86-1	133.02	132.99	132.94	132.98	0.03	ppb
Strontium	88-1	133.85	135.23	134.35	134.48	0.52	ppb
Sulfur	34-1	16893.65	16923.81	16597.53	16805.00	1.07	ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.03	0.04	0.04	0.04	22.87	ppb
Thallium	205-1	0.03	0.03	0.04	0.03	4.51	ppb
Thorium	232-1	0.04	0.03	0.04	0.03	13.60	ppb
Tin	118-1	496.78	500.28	496.27	497.78	0.44	ppb
Titanium	47-1	18.27	18.39	18.87	18.51	1.71	ppb
Uranium	238-1	1.11	1.10	1.08	1.10	1.52	ppb
Vanadium	51-2	30.30	29.99	29.80	30.03	0.84	ppb
Yttrium	89-1				112		%
Yttrium	89-2				112		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4632-01	Instrumnet Name :	P7
Client Sample ID :	390822075	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:48:39	DataFile Name :	028SMPL_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2335.37	2329.84	2303.73	2322.98	0.73	ppb
Zirconium	90-1	0.33	0.33	0.35	0.34	2.98	ppb
Zirconium	91-1	0.35	0.31	0.33	0.33	6.73	ppb

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : K4615-01 Instrumnet Name : P7
 Client Sample ID : NR-KIT-TAP-NEW-FILTE Dilution Factor : 1
 Date & Time Acquired :: 2019-09-03 16:52:16 DataFile Name : 029SMPL_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.04	0.65	1.75	1.15	48.70	ppb
Antimony	121-1	0.04	0.04	0.05	0.04	23.52	ppb
Arsenic	75-1	0.23	0.19	0.13	0.18	27.44	ppb
Barium	135-1	0.14	0.12	0.12	0.13	8.33	ppb
Barium	137-1	0.15	0.13	0.18	0.15	15.95	ppb
Beryllium	9-1	0.01	-0.01	0.01	0.00	365.38	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	11-1	22.11	20.84	21.11	21.35	3.13	ppb
Boron	10-1	22.77	19.99	20.37	21.04	7.16	ppb
Cadmium	106-1	1.14	-1.07	1.42	0.50	274.32	ppb
Cadmium	108-1	0.06	-0.06	-0.02	-0.01		ppb
Cadmium	111-1	0.08	-0.09	0.11	0.04	304.58	ppb
Calcium	43-1	48.47	53.14	54.76	52.12	6.26	ppb
Calcium	44-1	114.96	117.02	116.62	116.20	0.94	ppb
Chromium	52-2	0.13	0.14	0.16	0.15	11.93	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	42.35	41.97	42.27	42.20	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	6.46	6.12	2.09	4.89	49.71	ppb
Iron	57-2	8.12	2.73	2.64	4.50	69.68	ppb
Krypton	83-1						cps
Lead	206-1	0.54	0.45	0.39	0.46	16.58	ppb
Lead	207-1	0.53	0.42	0.36	0.44	19.33	ppb
Lead	208-1	0.52	0.43	0.37	0.44	16.95	ppb
Lithium	6-1				102		%
Magnesium	24-2	26.55	26.88	27.33	26.92	1.46	ppb

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : K4615-01 Instrumnet Name : P7
 Client Sample ID : NR-KIT-TAP-NEW-FILTE Dilution Factor : 1
 Date & Time Acquired :: 2019-09-03 16:52:16 DataFile Name : 029SMPL_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.35	0.33	0.34	0.34	2.56	ppb
Molybdenum	94-1	0.05	0.09	0.07	0.07	31.75	ppb
Molybdenum	95-1	0.08	0.09	0.10	0.09	9.20	ppb
Molybdenum	96-1	0.07	0.08	0.09	0.08	12.88	ppb
Molybdenum	97-1	0.11	0.08	0.09	0.09	15.77	ppb
Molybdenum	98-1	0.09	0.08	0.08	0.08	6.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.08	0.10	0.09	10.37	ppb
Phosphorus	31-2	332.85	349.12	315.41	332.46	5.07	ppb
Potassium	39-2	63.53	62.35	63.83	63.23	1.24	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	77-2	1.59	0.12	0.12	0.61	138.95	ppb
Selenium	78-2	0.93	0.89	1.40	1.08	26.48	ppb
Selenium	82-1	1.47	1.28	1.61	1.45	11.52	ppb
Silicon	28-1	7950.16	7895.01	8031.14	7958.77	0.86	ppb
Silver	109-1	0.01	0.01	0.00	0.01	42.14	ppb
Silver	107-1	0.01	0.00	0.01	0.01	55.45	ppb
Sodium	23-2	73461.97	74085.32	74109.82	73885.70	0.50	ppb
Strontium	86-1	0.15	0.12	0.12	0.13	15.71	ppb
Strontium	88-1	0.17	0.16	0.16	0.17	3.13	ppb
Sulfur	34-1	7360.97	7093.62	7333.95	7262.85	2.03	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Thorium	232-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.21	0.20	0.24	0.22	10.54	ppb
Titanium	47-1	1.17	1.09	1.14	1.13	3.65	ppb
Uranium	238-1	0.08	0.08	0.07	0.08	5.71	ppb
Vanadium	51-2	0.09	0.07	0.09	0.08	11.68	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4615-01	Instrumnet Name :	P7
Client Sample ID :	NR-KIT-TAP-NEW-FILTE	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:52:16	DataFile Name :	029SMPL_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	227.01	233.09	231.42	230.51	1.36	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	5.74	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	26.92	ppb

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : K4615-01DUP Instrumnet Name : P7
 Client Sample ID : NR-KIT-TAP-NEW-FILTE Dilution Factor : 1
 Date & Time Acquired :: 2019-09-03 16:55:54 DataFile Name : 030SMPL_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.39	1.09	1.06	1.18	15.17	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	29.66	ppb
Arsenic	75-1	0.15	0.30	0.21	0.22	33.07	ppb
Barium	135-1	0.14	0.17	0.18	0.16	14.12	ppb
Barium	137-1	0.14	0.12	0.12	0.12	8.90	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	135.03	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	11-1	15.00	15.10	14.31	14.80	2.93	ppb
Boron	10-1	14.61	15.25	13.59	14.48	5.77	ppb
Cadmium	106-1	0.62	3.09	-0.52	1.06	174.15	ppb
Cadmium	108-1	0.07	-0.07	-0.06	-0.02		ppb
Cadmium	111-1	0.04	0.24	-0.05	0.08	194.58	ppb
Calcium	43-1	50.91	45.96	54.15	50.34	8.20	ppb
Calcium	44-1	113.38	113.84	114.87	114.03	0.67	ppb
Chromium	52-2	0.18	0.17	0.14	0.16	11.02	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	41.30	41.30	41.55	41.38	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	1.88	1.90	2.17	1.99	8.22	ppb
Iron	57-2	2.19	1.58	2.33	2.03	19.48	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.20	0.19	0.21	12.01	ppb
Lead	207-1	0.22	0.20	0.18	0.20	11.05	ppb
Lead	208-1	0.24	0.21	0.19	0.21	11.31	ppb
Lithium	6-1				100		%
Magnesium	24-2	26.93	26.61	26.76	26.77	0.60	ppb

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : K4615-01DUP Instrumnet Name : P7
 Client Sample ID : NR-KIT-TAP-NEW-FILTE Dilution Factor : 1
 Date & Time Acquired :: 2019-09-03 16:55:54 DataFile Name : 030SMPL_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.30	0.32	0.32	0.31	2.95	ppb
Molybdenum	94-1	0.06	0.06	0.07	0.06	11.14	ppb
Molybdenum	95-1	0.08	0.06	0.08	0.07	14.80	ppb
Molybdenum	96-1	0.09	0.06	0.10	0.08	23.62	ppb
Molybdenum	97-1	0.08	0.07	0.09	0.08	12.16	ppb
Molybdenum	98-1	0.07	0.07	0.08	0.07	2.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.12	0.09	0.09	26.25	ppb
Phosphorus	31-2	330.60	302.68	309.00	314.09	4.66	ppb
Potassium	39-2	60.81	58.51	61.41	60.24	2.54	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	77-2	1.42	1.43	0.87	1.24	26.07	ppb
Selenium	78-2	0.85	1.26	0.95	1.02	20.72	ppb
Selenium	82-1	1.21	1.18	1.35	1.25	7.28	ppb
Silicon	28-1	7973.56	7960.31	8002.55	7978.81	0.27	ppb
Silver	109-1	0.00	0.01	0.00	0.01	73.75	ppb
Silver	107-1	0.00	0.01	0.00	0.00	82.44	ppb
Sodium	23-2	73375.34	72916.26	73133.28	73141.63	0.31	ppb
Strontium	86-1	0.11	0.11	0.10	0.10	7.69	ppb
Strontium	88-1	0.16	0.15	0.17	0.16	3.51	ppb
Sulfur	34-1	7155.38	7296.65	7311.62	7254.55	1.19	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.02		ppb
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.01	0.01	0.02	0.01	297.90	ppb
Titanium	47-1	1.16	1.08	1.75	1.33	27.43	ppb
Uranium	238-1	0.08	0.08	0.08	0.08	2.80	ppb
Vanadium	51-2	0.07	0.07	0.10	0.08	20.52	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4615-01DUP	Instrumnet Name :	P7
Client Sample ID :	NR-KIT-TAP-NEW-FILTE	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:55:54	DataFile Name :	030SMPL_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	231.23	230.41	229.95	230.53	0.28	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	38.86	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	28.30	ppb

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : K4615-01LX5 Instrumnet Name : P7
 Client Sample ID : NR-KIT-TAP-NEW-FILTE Dilution Factor : 5
 Date & Time Acquired :: 2019-09-03 16:59:29 DataFile Name : 031SMPL_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.26	0.22	-0.08	0.14	134.79	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	19.24	ppb
Arsenic	75-1	0.13	0.12	0.15	0.14	11.30	ppb
Barium	135-1	0.03	0.03	0.03	0.03	11.73	ppb
Barium	137-1	0.03	0.03	0.02	0.03	30.68	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	186.22	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Boron	11-1	11.29	10.53	10.96	10.93	3.52	ppb
Boron	10-1	10.85	10.94	9.90	10.56	5.42	ppb
Cadmium	106-1	0.86	3.69	2.63	2.40	59.60	ppb
Cadmium	108-1	0.02	-0.04	0.08	0.02	339.93	ppb
Cadmium	111-1	0.06	0.29	0.21	0.19	62.46	ppb
Calcium	43-1	9.69	18.90	17.21	15.27	32.10	ppb
Calcium	44-1	27.39	28.52	29.64	28.52	3.96	ppb
Chromium	52-2	0.05	0.05	0.05	0.05	6.00	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	8.46	8.58	8.35	8.46	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	0.51	0.45	0.60	0.52	15.15	ppb
Iron	57-2	0.78	0.65	0.49	0.64	22.86	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.09	0.07	0.08	11.58	ppb
Lead	207-1	0.07	0.08	0.07	0.08	7.14	ppb
Lead	208-1	0.08	0.08	0.07	0.08	8.74	ppb
Lithium	6-1				96		%
Magnesium	24-2	5.76	6.49	6.26	6.17	6.04	ppb

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : K4615-01LX5 Instrumnet Name : P7
 Client Sample ID : NR-KIT-TAP-NEW-FILTE Dilution Factor : 5
 Date & Time Acquired :: 2019-09-03 16:59:29 DataFile Name : 031SMPL_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.05	0.06	0.06	6.36	ppb
Molybdenum	94-1	0.02	0.02	0.01	0.02	47.25	ppb
Molybdenum	95-1	0.01	0.02	0.03	0.02	40.24	ppb
Molybdenum	96-1	0.03	0.03	0.02	0.03	17.36	ppb
Molybdenum	97-1	0.01	0.03	0.03	0.02	39.31	ppb
Molybdenum	98-1	0.04	0.02	0.02	0.03	43.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	0.01	0.01	97.99	ppb
Phosphorus	31-2	43.25	44.55	54.73	47.51	13.23	ppb
Potassium	39-2	30.01	29.86	30.57	30.15	1.23	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	77-2	0.32	-0.07	0.32	0.19	117.09	ppb
Selenium	78-2	0.15	0.28	0.30	0.24	33.11	ppb
Selenium	82-1	0.61	0.36	-0.07	0.30	115.18	ppb
Silicon	28-1	1585.10	1592.28	1584.57	1587.32	0.27	ppb
Silver	109-1	0.01	0.01	0.00	0.01	34.28	ppb
Silver	107-1	0.00	0.01	0.01	0.01	60.65	ppb
Sodium	23-2	14681.06	14599.33	14561.56	14613.98	0.42	ppb
Strontium	86-1	0.01	0.03	-0.01	0.01	220.49	ppb
Strontium	88-1	0.04	0.04	0.03	0.04	8.04	ppb
Sulfur	34-1	1406.79	1433.83	1443.91	1428.18	1.34	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.00	-0.02	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Thorium	232-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.05	0.05	0.05	0.05	3.70	ppb
Titanium	47-1	0.28	0.27	0.30	0.28	5.56	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	59.86	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	29.66	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4615-01LX5	Instrumnet Name :	P7
Client Sample ID :	NR-KIT-TAP-NEW-FILTE	Dilution Factor :	5
Date & Time Acquired ::	2019-09-03 16:59:29	DataFile Name :	031SMPL_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	44.97	45.71	45.73	45.47	0.95	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	43.12	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	358.68	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P7
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:05:21	DataFile Name :	032CCV_P7090319 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49492.61	49268.91	49546.93	49436.15	0.30	ppb
Antimony	121-1	518.45	511.36	531.78	520.53	1.99	ppb
Arsenic	75-1	477.26	476.77	493.91	482.65	2.02	ppb
Barium	135-1	2521.81	2505.06	2599.50	2542.12	1.98	ppb
Barium	137-1	2511.87	2497.14	2603.04	2537.35	2.26	ppb
Beryllium	9-1	490.87	493.50	509.26	497.88	2.00	ppb
Bismuth	209-1				84		%
Bismuth	209-2				86		%
Boron	11-1	493.45	503.36	526.68	507.83	3.36	ppb
Boron	10-1	487.40	497.94	520.74	502.03	3.39	ppb
Cadmium	106-1	546.85	543.81	557.70	549.46	1.33	ppb
Cadmium	108-1	539.43	538.30	562.48	546.73	2.50	ppb
Cadmium	111-1	543.53	541.24	557.14	547.30	1.57	ppb
Calcium	43-1	231680.45	233557.58	241365.81	235534.61	2.18	ppb
Calcium	44-1	230940.96	234301.64	239449.26	234897.29	1.82	ppb
Chromium	52-2	477.52	482.33	480.60	480.15	0.51	ppb
Cobalt	59-2	466.22	465.74	464.63	465.53	0.18	ppb
Copper	63-2	997.46	1005.67	1001.99	1001.71	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				97		%
Indium	115-1				93		%
Indium	115-2				95		%
Iron	56-2	117831.95	119153.46	118882.19	118622.54	0.59	ppb
Iron	57-2	118778.57	119131.02	119113.30	119007.63	0.17	ppb
Krypton	83-1						cps
Lead	206-1	484.06	486.76	505.09	491.97	2.32	ppb
Lead	207-1	491.45	488.40	509.28	496.37	2.27	ppb
Lead	208-1	494.53	492.75	514.40	500.56	2.40	ppb
Lithium	6-1				92		%
Magnesium	24-2	235982.30	234468.54	234749.03	235066.62	0.34	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P7
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:05:21	DataFile Name :	032CCV_P7090319 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	938.71	944.12	947.41	943.42	0.47	ppb
Molybdenum	94-1	2454.06	2446.37	2544.98	2481.81	2.21	ppb
Molybdenum	95-1	2460.30	2462.82	2549.15	2490.76	2.03	ppb
Molybdenum	96-1	2444.94	2467.38	2570.75	2494.36	2.69	ppb
Molybdenum	97-1	2432.84	2469.17	2554.76	2485.59	2.52	ppb
Molybdenum	98-1	2436.38	2448.51	2538.13	2474.34	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	463.89	467.57	463.50	464.99	0.48	ppb
Phosphorus	31-2	9552.29	9509.23	9632.51	9564.68	0.65	ppb
Potassium	39-2	118278.92	118519.99	119422.12	118740.34	0.51	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				102		%
Scandium	45-2				108		%
Selenium	77-2	507.88	490.33	497.43	498.55	1.77	ppb
Selenium	78-2	478.99	483.70	492.55	485.08	1.42	ppb
Selenium	82-1	484.63	487.21	504.00	491.95	2.14	ppb
Silicon	28-1	507.53	527.79	552.76	529.36	4.28	ppb
Silver	109-1	524.27	519.70	540.76	528.24	2.10	ppb
Silver	107-1	520.21	523.76	537.99	527.32	1.78	ppb
Sodium	23-2	233674.55	235127.85	235769.01	234857.14	0.46	ppb
Strontium	86-1	493.04	490.61	507.91	497.19	1.88	ppb
Strontium	88-1	494.52	493.05	512.35	499.97	2.15	ppb
Sulfur	34-1	10243.07	10332.06	10951.15	10508.76	3.67	ppb
Terbium	159-1				95		%
Terbium	159-2				98		%
Thallium	203-1	499.61	501.90	522.85	508.12	2.52	ppb
Thallium	205-1	497.45	496.74	522.39	505.53	2.89	ppb
Thorium	232-1	511.31	513.70	532.88	519.30	2.28	ppb
Tin	118-1	513.29	503.54	525.31	514.05	2.12	ppb
Titanium	47-1	2477.25	2494.95	2579.70	2517.30	2.18	ppb
Uranium	238-1	508.52	512.00	531.86	517.46	2.43	ppb
Vanadium	51-2	477.50	479.61	479.86	478.99	0.27	ppb
Yttrium	89-1				99		%
Yttrium	89-2				103		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P7
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:05:21	DataFile Name :	032CCV_P7090319 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	911.94	920.52	912.88	915.11	0.51	ppb
Zirconium	90-1	495.35	497.53	515.71	502.86	2.22	ppb
Zirconium	91-1	491.52	488.41	504.39	494.77	1.71	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P7
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:10:45	DataFile Name :	033CCBE_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.20	0.55	0.93	0.89	36.37	ppb
Antimony	121-1	0.26	0.26	0.27	0.26	2.28	ppb
Arsenic	75-1	0.07	0.04	0.03	0.04	51.68	ppb
Barium	135-1	0.05	0.05	0.03	0.04	22.37	ppb
Barium	137-1	0.03	0.04	0.04	0.04	17.16	ppb
Beryllium	9-1	0.03	0.04	0.02	0.03	20.90	ppb
Bismuth	209-1				95		%
Bismuth	209-2				99		%
Boron	11-1	14.84	14.74	14.20	14.59	2.37	ppb
Boron	10-1	13.44	15.17	13.97	14.20	6.24	ppb
Cadmium	106-1	0.34	1.53	2.60	1.49	75.89	ppb
Cadmium	108-1	0.06	-0.04	0.10	0.04	186.70	ppb
Cadmium	111-1	0.04	0.14	0.22	0.13	65.10	ppb
Calcium	43-1	5.43	4.77	3.46	4.55	21.97	ppb
Calcium	44-1	4.43	4.63	5.05	4.71	6.75	ppb
Chromium	52-2	0.04	0.00	0.05	0.03	80.18	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	330.17	ppb
Copper	63-2	0.05	0.06	0.07	0.06	13.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	2.74	2.76	2.93	2.81	3.86	ppb
Iron	57-2	2.82	3.10	2.63	2.85	8.20	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.03	0.03	17.86	ppb
Lead	207-1	0.04	0.03	0.02	0.03	30.05	ppb
Lead	208-1	0.04	0.04	0.03	0.04	17.00	ppb
Lithium	6-1				97		%
Magnesium	24-2	5.01	4.74	5.26	5.01	5.13	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P7
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:10:45	DataFile Name :	033CCBE_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	-0.01	0.00		ppb
Molybdenum	94-1	0.18	0.20	0.16	0.18	12.66	ppb
Molybdenum	95-1	0.19	0.22	0.22	0.21	8.32	ppb
Molybdenum	96-1	0.21	0.21	0.19	0.21	5.30	ppb
Molybdenum	97-1	0.21	0.21	0.17	0.20	11.19	ppb
Molybdenum	98-1	0.22	0.21	0.19	0.21	6.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.03	-0.02	-0.02		ppb
Phosphorus	31-2	-28.65	-26.60	-31.80	-29.02		ppb
Potassium	39-2	34.24	37.54	36.63	36.14	4.72	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	77-2	0.12	0.12	-0.07	0.06	183.13	ppb
Selenium	78-2	-0.15	0.24	0.12	0.07	282.19	ppb
Selenium	82-1	0.02	0.03	-0.12	-0.02		ppb
Silicon	28-1	1.24	1.09	1.10	1.14	7.40	ppb
Silver	109-1	0.02	0.01	0.02	0.02	30.72	ppb
Silver	107-1	0.02	0.02	0.02	0.02	16.24	ppb
Sodium	23-2	54.98	56.76	55.00	55.58	1.83	ppb
Strontium	86-1	-0.01	-0.04	-0.01	-0.02		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	12.97	ppb
Sulfur	34-1	190.79	174.96	97.70	154.48	32.24	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.06	0.05	0.05	5.50	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	12.41	ppb
Thorium	232-1	0.06	0.05	0.06	0.06	13.07	ppb
Tin	118-1	0.12	0.10	0.12	0.12	8.61	ppb
Titanium	47-1	0.07	0.06	0.06	0.06	9.54	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	34.50	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P7
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:10:45	DataFile Name :	033CCBE_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.17	-0.20	-0.11	-0.16		ppb
Zirconium	90-1	0.03	0.04	0.05	0.04	17.25	ppb
Zirconium	91-1	0.03	0.03	0.05	0.04	39.32	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:14:20	DataFile Name :	034LLCC_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.89	17.21	18.27	17.46	4.12	ppb
Antimony	121-1	2.03	1.98	1.90	1.97	3.40	ppb
Arsenic	75-1	1.16	1.12	1.21	1.16	4.12	ppb
Barium	135-1	10.12	10.00	9.42	9.85	3.77	ppb
Barium	137-1	10.36	10.19	9.28	9.94	5.88	ppb
Beryllium	9-1	1.03	0.98	0.85	0.95	9.45	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	11-1	32.96	32.59	29.11	31.56	6.73	ppb
Boron	10-1	33.01	34.09	29.84	32.31	6.84	ppb
Cadmium	106-1	3.49	1.96	3.82	3.09	32.14	ppb
Cadmium	108-1	0.87	1.20	0.92	1.00	17.58	ppb
Cadmium	111-1	1.31	1.11	1.17	1.20	8.36	ppb
Calcium	43-1	488.45	480.63	434.82	467.97	6.19	ppb
Calcium	44-1	478.15	474.92	418.10	457.06	7.39	ppb
Chromium	52-2	2.03	1.97	2.01	2.00	1.59	ppb
Cobalt	59-2	1.01	0.98	0.98	0.99	1.35	ppb
Copper	63-2	2.04	1.96	2.01	2.00	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	53.75	52.48	53.03	53.09	1.20	ppb
Iron	57-2	57.96	53.38	55.82	55.72	4.12	ppb
Krypton	83-1						cps
Lead	206-1	0.97	0.94	0.83	0.91	7.96	ppb
Lead	207-1	0.94	0.92	0.85	0.90	5.11	ppb
Lead	208-1	0.98	0.95	0.85	0.93	7.40	ppb
Lithium	6-1				100		%
Magnesium	24-2	519.54	513.51	516.87	516.64	0.58	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:14:20	DataFile Name :	034LLCC_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.00	1.04	1.06	1.03	2.78	ppb
Molybdenum	94-1	4.69	4.72	4.11	4.51	7.69	ppb
Molybdenum	95-1	4.79	4.72	4.42	4.64	4.22	ppb
Molybdenum	96-1	4.87	4.78	4.31	4.65	6.46	ppb
Molybdenum	97-1	4.69	4.66	4.35	4.56	4.16	ppb
Molybdenum	98-1	4.73	4.78	4.35	4.62	5.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.02	1.03	1.02	1.62	ppb
Phosphorus	31-2	37.11	27.33	18.29	27.58	34.14	ppb
Potassium	39-2	507.86	501.45	508.59	505.97	0.78	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	77-2	4.34	5.25	5.67	5.09	13.36	ppb
Selenium	78-2	4.96	5.40	6.14	5.50	10.85	ppb
Selenium	82-1	5.28	5.34	4.80	5.14	5.78	ppb
Silicon	28-1	10.02	8.63	6.43	8.36	21.66	ppb
Silver	109-1	1.07	1.06	0.93	1.02	7.41	ppb
Silver	107-1	1.07	1.02	0.94	1.01	6.65	ppb
Sodium	23-2	534.45	525.97	530.18	530.20	0.80	ppb
Strontium	86-1	0.93	0.86	0.94	0.91	4.77	ppb
Strontium	88-1	0.98	0.96	0.84	0.93	7.87	ppb
Sulfur	34-1	528.90	122.81	-673.98	-7.42		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.98	0.92	0.86	0.92	6.75	ppb
Thallium	205-1	0.97	0.91	0.85	0.91	6.42	ppb
Thorium	232-1	0.88	0.85	0.78	0.84	6.24	ppb
Tin	118-1	5.36	5.36	4.81	5.18	6.07	ppb
Titanium	47-1	5.13	4.71	4.57	4.80	6.01	ppb
Uranium	238-1	0.87	0.84	0.77	0.83	6.18	ppb
Vanadium	51-2	5.13	5.08	5.18	5.13	0.97	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:14:20	DataFile Name :	034LLCC_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.96	2.04	2.30	2.10	8.43	ppb
Zirconium	90-1	0.97	0.96	0.83	0.92	8.33	ppb
Zirconium	91-1	0.87	0.92	0.83	0.87	5.37	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4615-01MS	Instrumnet Name :	P7
Client Sample ID :	NR-KIT-TAP-NEW-FILTE	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:17:56	DataFile Name :	035SMPL_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1780.08	1781.63	1796.80	1786.17	0.52	ppb
Antimony	121-1	832.58	849.52	837.09	839.73	1.04	ppb
Arsenic	75-1	885.57	866.94	879.26	877.26	1.08	ppb
Barium	135-1	203.27	207.10	204.41	204.93	0.96	ppb
Barium	137-1	206.07	206.42	206.62	206.37	0.14	ppb
Beryllium	9-1	199.76	197.51	197.50	198.26	0.66	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	11-1	289.77	293.22	294.71	292.57	0.87	ppb
Boron	10-1	285.42	291.00	295.33	290.59	1.71	ppb
Cadmium	106-1	162.92	159.55	162.41	161.63	1.13	ppb
Cadmium	108-1	179.05	177.68	181.33	179.35	1.03	ppb
Cadmium	111-1	211.44	211.07	211.06	211.19	0.10	ppb
Calcium	43-1	1131.17	1108.54	1142.26	1127.32	1.52	ppb
Calcium	44-1	1135.57	1136.81	1133.94	1135.44	0.13	ppb
Chromium	52-2	399.46	392.70	401.31	397.82	1.14	ppb
Cobalt	59-2	203.54	200.76	204.33	202.88	0.92	ppb
Copper	63-2	344.34	337.86	344.05	342.09	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	3104.75	3028.26	3087.33	3073.45	1.30	ppb
Iron	57-2	3009.80	3027.74	3062.95	3033.50	0.89	ppb
Krypton	83-1						cps
Lead	206-1	1004.99	1002.46	997.68	1001.71	0.37	ppb
Lead	207-1	1003.59	992.29	984.65	993.51	0.96	ppb
Lead	208-1	1003.69	997.53	991.28	997.50	0.62	ppb
Lithium	6-1				105		%
Magnesium	24-2	2066.02	2042.13	2074.35	2060.84	0.81	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4615-01MS	Instrumnet Name :	P7
Client Sample ID :	NR-KIT-TAP-NEW-FILTE	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:17:56	DataFile Name :	035SMPL_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	198.33	194.86	198.67	197.29	1.07	ppb
Molybdenum	94-1	259.06	254.78	258.57	257.47	0.91	ppb
Molybdenum	95-1	362.55	359.08	365.39	362.34	0.87	ppb
Molybdenum	96-1	353.86	348.64	350.53	351.01	0.75	ppb
Molybdenum	97-1	363.85	358.78	361.68	361.44	0.70	ppb
Molybdenum	98-1	367.44	361.13	361.50	363.35	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.20	512.24	520.40	516.28	0.79	ppb
Phosphorus	31-2	6301.77	6281.19	6533.25	6372.07	2.20	ppb
Potassium	39-2	9882.79	9793.94	9892.10	9856.28	0.55	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	77-2	2181.46	2158.31	2153.18	2164.32	0.70	ppb
Selenium	78-2	2126.19	2118.90	2123.78	2122.96	0.18	ppb
Selenium	82-1	2154.55	2139.63	2143.31	2145.83	0.36	ppb
Silicon	28-1	8796.42	8825.51	8828.47	8816.80	0.20	ppb
Silver	109-1	80.14	81.27	80.08	80.50	0.83	ppb
Silver	107-1	79.81	80.63	80.37	80.27	0.52	ppb
Sodium	23-2	75587.59	75336.68	75566.35	75496.87	0.18	ppb
Strontium	86-1	202.37	202.11	199.18	201.22	0.88	ppb
Strontium	88-1	202.19	203.63	201.91	202.58	0.46	ppb
Sulfur	34-1	7216.17	7128.47	7078.08	7140.91	0.98	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	2023.27	2011.14	2003.09	2012.50	0.50	ppb
Thallium	205-1	2002.53	1982.82	1980.73	1988.69	0.60	ppb
Thorium	232-1	0.03	0.04	0.04	0.04	10.50	ppb
Tin	118-1	737.74	744.99	736.17	739.63	0.64	ppb
Titanium	47-1	200.31	199.85	200.53	200.23	0.17	ppb
Uranium	238-1	0.07	0.08	0.08	0.08	10.79	ppb
Vanadium	51-2	296.87	294.82	298.06	296.58	0.55	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4615-01MS	Instrumnet Name :	P7
Client Sample ID :	NR-KIT-TAP-NEW-FILTE	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:17:56	DataFile Name :	035SMPL_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	439.48	437.05	440.16	438.90	0.37	ppb
Zirconium	90-1	0.35	0.32	0.32	0.33	5.10	ppb
Zirconium	91-1	0.90	0.84	0.90	0.88	3.91	ppb

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : K4615-01MSD Instrumnet Name : P7
 Client Sample ID : NR-KIT-TAP-NEW-FILTE Dilution Factor : 1
 Date & Time Acquired :: 2019-09-03 17:21:33 DataFile Name : 036SMPL_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1776.92	1783.85	1722.64	1761.14	1.90	ppb
Antimony	121-1	834.83	831.22	833.74	833.26	0.22	ppb
Arsenic	75-1	883.70	876.70	870.12	876.84	0.77	ppb
Barium	135-1	204.92	204.51	205.32	204.91	0.20	ppb
Barium	137-1	205.58	205.81	204.02	205.14	0.47	ppb
Beryllium	9-1	199.88	198.83	199.00	199.24	0.28	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	11-1	303.59	307.70	316.45	309.25	2.12	ppb
Boron	10-1	303.66	302.73	308.42	304.94	1.00	ppb
Cadmium	106-1	165.23	161.44	162.82	163.16	1.18	ppb
Cadmium	108-1	179.76	176.89	178.26	178.30	0.80	ppb
Cadmium	111-1	212.87	210.66	211.11	211.55	0.55	ppb
Calcium	43-1	1110.21	1122.45	1125.86	1119.51	0.74	ppb
Calcium	44-1	1148.90	1143.08	1147.89	1146.63	0.27	ppb
Chromium	52-2	395.31	398.24	385.70	393.08	1.67	ppb
Cobalt	59-2	202.43	202.88	197.26	200.86	1.55	ppb
Copper	63-2	341.36	341.22	332.54	338.37	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	3068.56	3110.60	2969.77	3049.64	2.37	ppb
Iron	57-2	3032.49	3059.56	2925.30	3005.78	2.36	ppb
Krypton	83-1						cps
Lead	206-1	1001.14	1000.92	991.21	997.76	0.57	ppb
Lead	207-1	984.95	990.56	976.56	984.02	0.72	ppb
Lead	208-1	993.07	995.00	986.37	991.48	0.46	ppb
Lithium	6-1				102		%
Magnesium	24-2	2056.39	2047.82	1991.57	2031.92	1.73	ppb

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : K4615-01MSD Instrumnet Name : P7
 Client Sample ID : NR-KIT-TAP-NEW-FILTE Dilution Factor : 1
 Date & Time Acquired :: 2019-09-03 17:21:33 DataFile Name : 036SMPL_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	196.66	196.40	188.95	194.00	2.26	ppb
Molybdenum	94-1	255.67	258.74	253.57	255.99	1.02	ppb
Molybdenum	95-1	361.72	361.63	355.14	359.50	1.05	ppb
Molybdenum	96-1	348.45	347.21	345.00	346.89	0.50	ppb
Molybdenum	97-1	359.85	361.28	355.96	359.03	0.77	ppb
Molybdenum	98-1	360.34	361.10	358.66	360.03	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.09	514.75	500.61	510.48	1.68	ppb
Phosphorus	31-2	6477.95	6211.11	6026.43	6238.50	3.64	ppb
Potassium	39-2	9831.35	9784.27	9466.98	9694.20	2.04	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				111		%
Selenium	77-2	2146.28	2112.55	2066.14	2108.32	1.91	ppb
Selenium	78-2	2092.22	2104.13	2050.02	2082.12	1.37	ppb
Selenium	82-1	2146.62	2148.47	2122.05	2139.05	0.69	ppb
Silicon	28-1	8988.88	8926.66	8943.20	8952.91	0.36	ppb
Silver	109-1	80.85	80.27	80.51	80.54	0.36	ppb
Silver	107-1	81.43	79.84	80.04	80.44	1.08	ppb
Sodium	23-2	76368.96	76375.68	74096.60	75613.75	1.74	ppb
Strontium	86-1	200.42	201.20	199.04	200.22	0.55	ppb
Strontium	88-1	202.04	202.61	201.95	202.20	0.18	ppb
Sulfur	34-1	7411.23	7412.05	7276.66	7366.65	1.06	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	2004.94	1985.48	1972.83	1987.75	0.81	ppb
Thallium	205-1	1996.48	1988.73	1973.43	1986.21	0.59	ppb
Thorium	232-1	0.01	0.01	0.02	0.01	18.65	ppb
Tin	118-1	737.19	727.99	737.81	734.33	0.75	ppb
Titanium	47-1	201.51	200.36	199.06	200.31	0.61	ppb
Uranium	238-1	0.08	0.08	0.08	0.08	1.96	ppb
Vanadium	51-2	295.66	297.15	287.78	293.53	1.72	ppb
Yttrium	89-1				106		%
Yttrium	89-2				108		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4615-01MSD	Instrumnet Name :	P7
Client Sample ID :	NR-KIT-TAP-NEW-FILTE	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:21:33	DataFile Name :	036SMPL_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	441.01	441.42	427.38	436.60	1.83	ppb
Zirconium	90-1	0.16	0.17	0.17	0.17	2.52	ppb
Zirconium	91-1	0.74	0.71	0.72	0.72	2.13	ppb

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : K4615-01A Instrumnet Name : P7
 Client Sample ID : NR-KIT-TAP-NEW-FILTE Dilution Factor : 1
 Date & Time Acquired :: 2019-09-03 17:25:09 DataFile Name : 037SMPL_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1794.99	1787.36	1792.44	1791.60	0.22	ppb
Antimony	121-1	833.81	841.22	836.33	837.12	0.45	ppb
Arsenic	75-1	881.55	873.50	877.94	877.67	0.46	ppb
Barium	135-1	205.06	207.16	203.68	205.30	0.85	ppb
Barium	137-1	206.05	207.43	206.31	206.60	0.35	ppb
Beryllium	9-1	197.21	198.28	197.85	197.78	0.27	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	11-1	308.29	316.73	318.38	314.47	1.72	ppb
Boron	10-1	302.19	312.52	314.14	309.62	2.09	ppb
Cadmium	106-1	164.41	165.69	161.44	163.85	1.33	ppb
Cadmium	108-1	178.47	178.95	177.93	178.45	0.29	ppb
Cadmium	111-1	213.18	213.05	211.57	212.60	0.42	ppb
Calcium	43-1	1161.07	1112.55	1156.33	1143.31	2.34	ppb
Calcium	44-1	1144.46	1139.23	1138.02	1140.57	0.30	ppb
Chromium	52-2	398.91	396.44	396.96	397.44	0.33	ppb
Cobalt	59-2	204.14	201.17	203.17	202.83	0.75	ppb
Copper	63-2	344.36	340.34	343.26	342.65	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	3111.78	3069.48	3067.93	3083.06	0.81	ppb
Iron	57-2	3056.63	2976.53	3032.96	3022.04	1.36	ppb
Krypton	83-1						cps
Lead	206-1	1001.40	1011.16	1002.87	1005.15	0.52	ppb
Lead	207-1	995.06	996.81	994.01	995.29	0.14	ppb
Lead	208-1	998.44	1002.99	998.09	999.84	0.27	ppb
Lithium	6-1				104		%
Magnesium	24-2	2080.32	2053.04	2057.61	2063.66	0.71	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4615-01A	Instrumnet Name :	P7
Client Sample ID :	NR-KIT-TAP-NEW-FILTE	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:25:09	DataFile Name :	037SMPL_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	198.44	196.84	196.47	197.25	0.53	ppb
Molybdenum	94-1	258.15	255.97	258.99	257.70	0.60	ppb
Molybdenum	95-1	364.73	359.91	363.14	362.59	0.68	ppb
Molybdenum	96-1	352.01	347.51	350.87	350.13	0.67	ppb
Molybdenum	97-1	365.28	359.98	361.47	362.24	0.75	ppb
Molybdenum	98-1	363.03	360.38	361.38	361.59	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.17	514.97	515.07	516.73	0.58	ppb
Phosphorus	31-2	6290.82	6203.29	6133.67	6209.26	1.27	ppb
Potassium	39-2	9865.04	9809.71	9842.39	9839.04	0.28	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	77-2	2143.94	2153.82	2229.32	2175.69	2.15	ppb
Selenium	78-2	2105.34	2117.27	2142.75	2121.79	0.90	ppb
Selenium	82-1	2179.53	2155.31	2157.34	2164.06	0.62	ppb
Silicon	28-1	8960.42	8891.67	8906.91	8919.67	0.40	ppb
Silver	109-1	81.36	81.55	81.44	81.45	0.11	ppb
Silver	107-1	80.76	80.91	80.64	80.77	0.17	ppb
Sodium	23-2	77285.05	75879.13	76205.00	76456.39	0.96	ppb
Strontium	86-1	202.42	199.12	200.65	200.73	0.82	ppb
Strontium	88-1	202.05	203.36	201.42	202.27	0.49	ppb
Sulfur	34-1	7119.27	6919.44	7012.73	7017.15	1.42	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	2024.61	2025.02	2001.31	2016.98	0.67	ppb
Thallium	205-1	2003.16	2022.38	1980.97	2002.17	1.04	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	13.78	ppb
Tin	118-1	737.88	744.01	745.08	742.32	0.52	ppb
Titanium	47-1	202.41	201.23	199.13	200.92	0.83	ppb
Uranium	238-1	0.09	0.08	0.08	0.08	3.99	ppb
Vanadium	51-2	298.58	294.31	296.57	296.49	0.72	ppb
Yttrium	89-1				106		%
Yttrium	89-2				108		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4615-01A	Instrumnet Name :	P7
Client Sample ID :	NR-KIT-TAP-NEW-FILTE	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:25:09	DataFile Name :	037SMPL_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	443.45	437.59	439.22	440.09	0.69	ppb
Zirconium	90-1	0.13	0.12	0.11	0.12	6.82	ppb
Zirconium	91-1	0.72	0.73	0.68	0.71	3.41	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P7
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:29:38	DataFile Name :	038CCV_P7090319 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50203.27	49938.11	50068.09	50069.83	0.26	ppb
Antimony	121-1	516.64	517.96	514.93	516.51	0.29	ppb
Arsenic	75-1	474.55	474.37	472.86	473.93	0.20	ppb
Barium	135-1	2526.39	2552.07	2527.75	2535.40	0.57	ppb
Barium	137-1	2531.11	2550.41	2518.03	2533.18	0.64	ppb
Beryllium	9-1	491.26	492.32	491.61	491.73	0.11	ppb
Bismuth	209-1				84		%
Bismuth	209-2				86		%
Boron	11-1	510.45	521.35	524.80	518.86	1.44	ppb
Boron	10-1	512.73	513.81	521.62	516.05	0.94	ppb
Cadmium	106-1	532.83	545.10	542.37	540.10	1.19	ppb
Cadmium	108-1	544.87	547.41	536.48	542.92	1.05	ppb
Cadmium	111-1	538.21	541.96	541.56	540.58	0.38	ppb
Calcium	43-1	231263.10	232241.55	231712.37	231739.00	0.21	ppb
Calcium	44-1	229403.62	231900.33	232248.51	231184.15	0.67	ppb
Chromium	52-2	489.88	486.46	482.46	486.27	0.76	ppb
Cobalt	59-2	468.19	469.85	468.37	468.80	0.19	ppb
Copper	63-2	1022.28	1016.35	1011.57	1016.73	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	56-2	120740.44	120892.68	120663.16	120765.43	0.10	ppb
Iron	57-2	120012.31	121219.84	120149.42	120460.53	0.55	ppb
Krypton	83-1						cps
Lead	206-1	496.02	493.17	487.76	492.32	0.85	ppb
Lead	207-1	500.40	493.89	493.60	495.96	0.78	ppb
Lead	208-1	503.93	499.01	497.84	500.26	0.65	ppb
Lithium	6-1				93		%
Magnesium	24-2	239947.39	238679.78	237085.84	238571.00	0.60	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P7
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:29:38	DataFile Name :	038CCV_P7090319 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	954.77	958.08	954.59	955.81	0.21	ppb
Molybdenum	94-1	2457.93	2457.90	2460.53	2458.79	0.06	ppb
Molybdenum	95-1	2465.40	2466.34	2473.57	2468.44	0.18	ppb
Molybdenum	96-1	2457.20	2458.66	2467.44	2461.10	0.23	ppb
Molybdenum	97-1	2452.60	2453.53	2461.74	2455.96	0.20	ppb
Molybdenum	98-1	2458.27	2448.63	2451.31	2452.74	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	468.57	468.57	464.63	467.26	0.49	ppb
Phosphorus	31-2	10009.04	9898.73	9733.59	9880.46	1.40	ppb
Potassium	39-2	120617.06	120872.81	119774.89	120421.59	0.48	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				104		%
Scandium	45-2				109		%
Selenium	77-2	483.70	513.88	495.21	497.59	3.06	ppb
Selenium	78-2	487.16	484.01	481.51	484.23	0.58	ppb
Selenium	82-1	483.96	483.98	485.15	484.37	0.14	ppb
Silicon	28-1	516.97	533.31	540.10	530.13	2.24	ppb
Silver	109-1	529.89	531.55	525.00	528.81	0.64	ppb
Silver	107-1	528.83	532.18	524.24	528.42	0.75	ppb
Sodium	23-2	236968.31	238053.65	236399.69	237140.55	0.35	ppb
Strontium	86-1	492.72	492.67	491.85	492.41	0.10	ppb
Strontium	88-1	494.21	496.30	496.81	495.77	0.28	ppb
Sulfur	34-1	9694.31	9761.79	9791.81	9749.30	0.51	ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	510.45	514.65	510.28	511.79	0.48	ppb
Thallium	205-1	509.97	509.25	503.40	507.54	0.71	ppb
Thorium	232-1	517.52	519.01	516.42	517.65	0.25	ppb
Tin	118-1	511.79	513.16	512.96	512.63	0.14	ppb
Titanium	47-1	2487.57	2494.29	2482.44	2488.10	0.24	ppb
Uranium	238-1	521.10	519.15	510.34	516.87	1.11	ppb
Vanadium	51-2	487.23	487.10	482.72	485.68	0.53	ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P7
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:29:38	DataFile Name :	038CCV_P7090319 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	928.20	926.05	916.73	923.66	0.66	ppb
Zirconium	90-1	497.92	496.10	500.54	498.19	0.45	ppb
Zirconium	91-1	489.58	487.97	487.33	488.29	0.24	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P7
Client Sample ID :	CCB97	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:37:27	DataFile Name :	039CCBE_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.96	0.95	1.02	0.98	3.76	ppb
Antimony	121-1	0.24	0.25	0.28	0.26	6.43	ppb
Arsenic	75-1	0.03	0.11	0.05	0.06	67.37	ppb
Barium	135-1	0.05	0.04	0.02	0.04	38.29	ppb
Barium	137-1	0.04	0.06	0.05	0.05	19.03	ppb
Beryllium	9-1	0.04	0.03	0.03	0.03	21.28	ppb
Bismuth	209-1				96		%
Bismuth	209-2				101		%
Boron	11-1	16.50	16.14	15.20	15.94	4.22	ppb
Boron	10-1	15.40	15.17	15.65	15.40	1.55	ppb
Cadmium	106-1	1.40	0.17	1.25	0.94	71.41	ppb
Cadmium	108-1	0.04	0.00	-0.03	0.00	1077.35	ppb
Cadmium	111-1	0.13	0.04	0.11	0.09	47.43	ppb
Calcium	43-1	3.22	7.08	4.77	5.02	38.74	ppb
Calcium	44-1	6.74	5.73	5.47	5.98	11.19	ppb
Chromium	52-2	0.04	0.02	0.01	0.02	56.33	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	153.26	ppb
Copper	63-2	0.04	0.03	0.03	0.03	20.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				106		%
Iron	56-2	2.84	3.07	3.03	2.98	4.22	ppb
Iron	57-2	3.24	4.06	3.83	3.71	11.40	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.03	0.04	0.04	21.04	ppb
Lead	207-1	0.04	0.05	0.04	0.05	12.15	ppb
Lead	208-1	0.05	0.05	0.04	0.05	10.67	ppb
Lithium	6-1				98		%
Magnesium	24-2	5.65	6.29	4.92	5.62	12.21	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P7
Client Sample ID :	CCB97	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:37:27	DataFile Name :	039CCBE_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	0.01	0.01	105.68	ppb
Molybdenum	94-1	0.16	0.14	0.17	0.16	8.23	ppb
Molybdenum	95-1	0.15	0.13	0.16	0.15	9.83	ppb
Molybdenum	96-1	0.18	0.12	0.15	0.15	19.82	ppb
Molybdenum	97-1	0.18	0.13	0.13	0.14	20.62	ppb
Molybdenum	98-1	0.13	0.12	0.15	0.13	8.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.00	-0.02	-0.02		ppb
Phosphorus	31-2	-17.68	-24.33	-32.06	-24.69		ppb
Potassium	39-2	33.51	42.19	41.06	38.92	12.13	ppb
Rhodium	103-1				103		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				111		%
Selenium	77-2	0.11	-0.07	0.12	0.05	191.70	ppb
Selenium	78-2	-0.08	0.05	0.14	0.04	299.59	ppb
Selenium	82-1	-0.03	-0.11	0.11	-0.01		ppb
Silicon	28-1	1.17	0.69	0.52	0.79	42.61	ppb
Silver	109-1	0.02	0.02	0.01	0.02	21.87	ppb
Silver	107-1	0.02	0.02	0.02	0.02	3.19	ppb
Sodium	23-2	53.76	56.85	54.47	55.03	2.94	ppb
Strontium	86-1	-0.02	-0.02	-0.04	-0.03		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	6.48	ppb
Sulfur	34-1	520.47	213.31	108.58	280.79	76.24	ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	0.12	0.12	0.13	0.12	5.50	ppb
Thallium	205-1	0.13	0.13	0.12	0.13	4.74	ppb
Thorium	232-1	0.03	0.03	0.02	0.03	6.81	ppb
Tin	118-1	0.17	0.15	0.16	0.16	8.07	ppb
Titanium	47-1	0.07	0.04	0.05	0.05	24.79	ppb
Uranium	238-1	0.00	-0.01	-0.01	0.00		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	22.75	ppb
Yttrium	89-1				104		%
Yttrium	89-2				109		%

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P7
Client Sample ID :	CCB97	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:37:27	DataFile Name :	039CCBE_P7090319 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.19	-0.03	-0.14	-0.12		ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	27.29	ppb
Zirconium	91-1	0.02	0.01	0.01	0.02	54.78	ppb

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:18:33	DataFile Name :	006CALB_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	117	100	108	7.69	cps
Antimony	121-1	183	217	183	194	9.90	cps
Arsenic	75-1	-401	-280	-465	-382	-24.60	cps
Barium	135-1	25	58	67	50	44.10	cps
Barium	137-1	58	58	108	75	38.49	cps
Beryllium	9-1	167	150	133	150	11.11	cps
Bismuth	209-1	16394380	16467939	16652976	16505098	0.81	cps
Bismuth	209-2	8289070	8301123	8292259	8294151	0.08	cps
Boron	11-1	5218	5543	5451	5404	3.10	cps
Boron	10-1	992	1242	1117	1117	11.19	cps
Cadmium	106-1	17253	17996	17729	17659	2.13	cps
Cadmium	108-1	33	50	75	53	39.74	cps
Cadmium	111-1	12191	12624	12424	12413	1.75	cps
Calcium	43-1	192	225	142	186	22.54	cps
Calcium	44-1	14183	14308	14633	14375	1.62	cps
Chromium	52-2	877	1033	1057	989	9.90	cps
Cobalt	59-2	173	167	247	196	22.70	cps
Copper	63-2	1327	1337	1283	1316	2.16	cps
Dysprosium	156-1	17	8	42	22	78.07	cps
Dysprosium	156-2	30	30	20	27	21.65	cps
Erbium	164-2	100	90	70	87	17.63	cps
Erbium	164-1	75	83	108	89	19.52	cps
Gadolinium	160-1	242	217	308	256	18.54	cps
Gadolinium	160-2	357	440	383	393	10.82	cps
Holmium	165-1	24020234	24112535	24263421	24132064	0.51	cps
Holmium	165-2	11273193	11254536	11154943	11227557	0.57	cps
Indium	115-1	17522514	17625651	17893349	17680505	1.08	cps
Indium	115-2	3617686	3620796	3605237	3614573	0.23	cps
Iron	56-2	4523	4462	4356	4447	1.90	cps
Iron	57-2	122	167	111	133	22.04	cps
Krypton	83-1	433	430	463	442	4.15	cps
Lead	206-1	1361	1439	1206	1335	8.90	cps
Lead	207-1	1339	1145	1467	1317	12.32	cps
Lead	208-1	4750	4584	4800	4712	2.41	cps
Lithium	6-1	3486612	3485597	3532649	3501620	0.77	cps
Magnesium	24-2	800	875	825	833	4.58	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:18:33	DataFile Name :	006CALB_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	123	183	197	168	23.28	cps
Molybdenum	94-1	617	650	675	647	4.52	cps
Molybdenum	95-1	133	167	183	161	15.80	cps
Molybdenum	96-1	317	242	317	292	14.85	cps
Molybdenum	97-1	92	167	100	119	34.41	cps
Molybdenum	98-1	200	242	250	231	11.62	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	7	17	23	16	53.90	cps
Nickel	60-2	260	190	217	222	15.90	cps
Phosphorus	31-2	275	267	225	256	10.48	cps
Potassium	39-2	26975	27017	27777	27256	1.66	cps
Rhodium	103-1	16280603	16321966	16481876	16361482	0.65	cps
Rhodium	103-2	7879256	7864623	7807843	7850574	0.48	cps
Scandium	45-1	9456369	9526092	9623729	9535397	0.88	cps
Scandium	45-2	530103	534518	534492	533038	0.48	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	44	43	48	45	6.28	cps
Selenium	82-1	23	8	-20	4	572.61	cps
Silicon	28-1	141572	137888	139048	139503	1.35	cps
Silver	109-1	158	167	125	150	14.70	cps
Silver	107-1	392	408	400	400	2.08	cps
Sodium	23-2	27960	28286	28461	28236	0.90	cps
Strontium	86-1	675	783	683	714	8.44	cps
Strontium	88-1	167	208	108	161	31.18	cps
Sulfur	34-1	572906	574006	585023	577312	1.16	cps
Terbium	159-1	24254261	24552978	24573436	24460225	0.73	cps
Terbium	159-2	11084616	11132281	11034679	11083858	0.44	cps
Thallium	203-1	1192	1333	1158	1228	7.57	cps
Thallium	205-1	2575	2459	2317	2450	5.28	cps
Thorium	232-1	3217	3323	3128	3223	3.02	cps
Tin	118-1	2492	2267	2450	2403	4.98	cps
Titanium	47-1	100	175	192	156	31.39	cps
Uranium	238-1	3676	3551	3559	3595	1.94	cps
Vanadium	51-2	13	13	17	14	13.35	cps
Yttrium	89-1	34208199	34399854	34653738	34420597	0.65	cps
Yttrium	89-2	5417785	5421194	5379265	5406081	0.43	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:18:33	DataFile Name :	006CALB_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	923	900	857	893	3.79	cps
Zirconium	90-1	1675	1567	1675	1639	3.82	cps
Zirconium	91-1	275	325	267	289	10.92	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:22:09	DataFile Name :	007CAL5_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3709	3426	3467	3534	4.33	cps
Antimony	121-1	27745	27419	26442	27202	2.49	cps
Arsenic	75-1	3613	2358	3817	3263	24.20	cps
Barium	135-1	34385	34694	34226	34435	0.69	cps
Barium	137-1	59947	59111	59562	59540	0.70	cps
Beryllium	9-1	2507	2454	2410	2457	1.97	cps
Bismuth	209-1	16106898	16032743	15959407	16033016	0.46	cps
Bismuth	209-2	8225971	8153051	8122626	8167216	0.65	cps
Boron	11-1	49273	50945	50059	50092	1.67	cps
Boron	10-1	10729	10429	10571	10576	1.42	cps
Cadmium	106-1	17328	16952	17553	17278	1.76	cps
Cadmium	108-1	396	425	358	393	8.50	cps
Cadmium	111-1	16253	16032	16400	16228	1.14	cps
Calcium	43-1	19096	19647	20023	19589	2.38	cps
Calcium	44-1	321714	323853	325428	323665	0.58	cps
Chromium	52-2	10771	10514	10948	10744	2.03	cps
Cobalt	59-2	8092	7829	7992	7971	1.67	cps
Copper	63-2	12252	12365	12349	12322	0.50	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	37	23	20	27	33.08	cps
Erbium	164-2	70	57	83	70	19.05	cps
Erbium	164-1	117	92	92	100	14.43	cps
Gadolinium	160-1	217	175	200	197	10.63	cps
Gadolinium	160-2	373	330	353	352	6.16	cps
Holmium	165-1	23259326	23240918	23284645	23261630	0.09	cps
Holmium	165-2	11142140	11074795	10947638	11054858	0.89	cps
Indium	115-1	17010903	17073164	17178490	17087519	0.50	cps
Indium	115-2	3558083	3518340	3535391	3537271	0.56	cps
Iron	56-2	238730	238282	238009	238340	0.15	cps
Iron	57-2	6496	6029	6196	6240	3.79	cps
Krypton	83-1	323	337	337	332	2.32	cps
Lead	206-1	15098	15003	14803	14968	1.01	cps
Lead	207-1	13368	13118	13685	13390	2.12	cps
Lead	208-1	59447	59002	60132	59527	0.96	cps
Lithium	6-1	3426466	3400224	3400219	3408970	0.44	cps
Magnesium	24-2	202652	197124	200119	199965	1.38	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:22:09	DataFile Name :	007CAL5_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3417	3410	3267	3365	2.52	cps
Molybdenum	94-1	28304	28605	28220	28376	0.71	cps
Molybdenum	95-1	34785	35554	35896	35412	1.61	cps
Molybdenum	96-1	40375	39782	39882	40013	0.79	cps
Molybdenum	97-1	22268	22727	22786	22594	1.25	cps
Molybdenum	98-1	60813	58136	57952	58967	2.72	cps
Neodymium	150-1	27	27	33	29	13.31	cps
Neodymium	150-2	10	20	10	13	43.30	cps
Nickel	60-2	2394	2464	2307	2388	3.29	cps
Phosphorus	31-2	758	650	792	733	10.10	cps
Potassium	39-2	204701	200040	196687	200476	2.01	cps
Rhodium	103-1	15763930	15793296	15767922	15775049	0.10	cps
Rhodium	103-2	7816345	7652152	7713264	7727254	1.07	cps
Scandium	45-1	9269901	9196251	9274720	9246958	0.48	cps
Scandium	45-2	529301	525485	518953	524580	1.00	cps
Selenium	77-2	70	67	113	83	31.24	cps
Selenium	78-2	361	319	372	351	8.08	cps
Selenium	82-1	1657	1703	1642	1668	1.89	cps
Silicon	28-1	201852	200570	203654	202025	0.77	cps
Silver	109-1	18421	18296	18646	18454	0.96	cps
Silver	107-1	18897	19781	19764	19481	2.60	cps
Sodium	23-2	390902	384757	384730	386797	0.92	cps
Strontium	86-1	5009	4884	5093	4996	2.10	cps
Strontium	88-1	36740	36957	39087	37595	3.45	cps
Sulfur	34-1	558894	554333	554317	555848	0.47	cps
Terbium	159-1	23695239	23679523	23864550	23746437	0.43	cps
Terbium	159-2	11013274	10858370	10818231	10896625	0.95	cps
Thallium	203-1	17838	17395	18422	17885	2.88	cps
Thallium	205-1	43012	42351	42536	42633	0.80	cps
Thorium	232-1	56110	55719	56807	56212	0.98	cps
Tin	118-1	66817	65403	66081	66100	1.07	cps
Titanium	47-1	9862	9036	9712	9537	4.61	cps
Uranium	238-1	61028	59236	60517	60260	1.53	cps
Vanadium	51-2	19854	19603	19573	19677	0.78	cps
Yttrium	89-1	33415061	33087466	33621200	33374576	0.81	cps
Yttrium	89-2	5349551	5288678	5279288	5305839	0.72	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:22:09	DataFile Name :	007CALS_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2777	3617	2934	3109	14.37	cps
Zirconium	90-1	22869	22560	22802	22744	0.71	cps
Zirconium	91-1	5251	5243	4759	5084	5.54	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:26:04	DataFile Name :	008CAL5_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	174531	175331	172155	174006	0.95	cps
Antimony	121-1	754568	762836	756947	758117	0.56	cps
Arsenic	75-1	173598	173786	170183	172523	1.18	cps
Barium	135-1	896714	894686	889022	893474	0.45	cps
Barium	137-1	1561847	1565167	1548454	1558489	0.57	cps
Beryllium	9-1	125439	125500	124283	125074	0.55	cps
Bismuth	209-1	16242732	16124668	15991711	16119704	0.78	cps
Bismuth	209-2	8024779	8046874	7979462	8017038	0.43	cps
Boron	11-1	104385	101943	103915	103414	1.25	cps
Boron	10-1	21816	21708	21424	21650	0.94	cps
Cadmium	106-1	42523	42598	43443	42855	1.19	cps
Cadmium	108-1	18529	18308	18028	18288	1.37	cps
Cadmium	111-1	238336	240193	238979	239169	0.39	cps
Calcium	43-1	209065	205864	206481	207137	0.82	cps
Calcium	44-1	3387030	3366232	3353094	3368785	0.51	cps
Chromium	52-2	252675	250607	249027	250769	0.73	cps
Cobalt	59-2	408209	411631	407724	409188	0.52	cps
Copper	63-2	578218	573968	577589	576592	0.40	cps
Dysprosium	156-1	58	67	50	58	14.29	cps
Dysprosium	156-2	27	33	30	30	11.10	cps
Erbium	164-2	67	50	80	66	22.93	cps
Erbium	164-1	75	50	125	83	45.83	cps
Gadolinium	160-1	233	258	217	236	8.88	cps
Gadolinium	160-2	313	357	360	343	7.58	cps
Holmium	165-1	23481051	23497262	23570900	23516404	0.20	cps
Holmium	165-2	10992516	10978382	10895911	10955603	0.48	cps
Indium	115-1	17127807	17150110	17091854	17123257	0.17	cps
Indium	115-2	3484761	3522398	3486958	3498039	0.60	cps
Iron	56-2	11487709	11511142	11516271	11505040	0.13	cps
Iron	57-2	283787	279768	283115	282223	0.76	cps
Krypton	83-1	433	327	380	380	14.04	cps
Lead	206-1	730087	733548	729759	731131	0.29	cps
Lead	207-1	647195	650904	646675	648258	0.36	cps
Lead	208-1	2960764	2966908	2944557	2957410	0.39	cps
Lithium	6-1	3454890	3418884	3433865	3435880	0.53	cps
Magnesium	24-2	2015923	2005273	1993480	2004892	0.56	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:26:04	DataFile Name :	008CAL5_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	323189	324262	322226	323226	0.32	cps
Molybdenum	94-1	1563488	1547126	1542637	1551084	0.71	cps
Molybdenum	95-1	1957219	1950454	1935802	1947825	0.56	cps
Molybdenum	96-1	2173289	2146909	2156452	2158884	0.62	cps
Molybdenum	97-1	1220279	1216959	1224825	1220688	0.32	cps
Molybdenum	98-1	3157253	3145434	3146058	3149582	0.21	cps
Neodymium	150-1	93	107	100	100	6.66	cps
Neodymium	150-2	7	13	10	10	33.30	cps
Nickel	60-2	107658	106550	106829	107012	0.54	cps
Phosphorus	31-2	9312	9545	9295	9384	1.49	cps
Potassium	39-2	916631	914581	911779	914330	0.27	cps
Rhodium	103-1	15850445	15751187	15669919	15757184	0.57	cps
Rhodium	103-2	7559716	7588119	7518089	7555308	0.47	cps
Scandium	45-1	9379765	9256424	9324192	9320127	0.66	cps
Scandium	45-2	517120	518932	515501	517184	0.33	cps
Selenium	77-2	873	900	810	861	5.37	cps
Selenium	78-2	2884	2911	2884	2893	0.55	cps
Selenium	82-1	16074	16159	16170	16134	0.33	cps
Silicon	28-1	573673	581852	582986	579504	0.88	cps
Silver	109-1	1022504	1015397	1013861	1017254	0.45	cps
Silver	107-1	1069330	1067560	1056652	1064514	0.65	cps
Sodium	23-2	3753532	3715955	3707037	3725508	0.66	cps
Strontium	86-1	227990	227414	227498	227634	0.14	cps
Strontium	88-1	2004506	1993067	1993254	1996942	0.33	cps
Sulfur	34-1	619308	618914	607160	615127	1.12	cps
Terbium	159-1	24005067	23907871	23889383	23934107	0.26	cps
Terbium	159-2	10754809	10838896	10767711	10787139	0.42	cps
Thallium	203-1	885353	892547	881977	886626	0.61	cps
Thallium	205-1	2121856	2144207	2134484	2133516	0.53	cps
Thorium	232-1	3120035	3073801	3069794	3087877	0.90	cps
Tin	118-1	663168	663083	661350	662534	0.15	cps
Titanium	47-1	469097	468038	468807	468647	0.12	cps
Uranium	238-1	3066993	3072930	3088156	3076026	0.35	cps
Vanadium	51-2	193711	193200	194267	193726	0.28	cps
Yttrium	89-1	33624507	33528870	33433868	33529082	0.28	cps
Yttrium	89-2	5231703	5224711	5204533	5220316	0.27	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:26:04	DataFile Name :	008CALS_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	101312	101372	100489	101058	0.49	cps
Zirconium	90-1	1213787	1206872	1202046	1207568	0.49	cps
Zirconium	91-1	272355	270919	271711	271661	0.26	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:30:10	DataFile Name :	009CAL5_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	430715	426698	423856	427090	0.81	cps
Antimony	121-1	1866002	1859767	1877406	1867725	0.48	cps
Arsenic	75-1	429326	426565	423627	426506	0.67	cps
Barium	135-1	2187471	2177792	2217561	2194275	0.95	cps
Barium	137-1	3833876	3810817	3860395	3835029	0.65	cps
Beryllium	9-1	302623	300279	305355	302752	0.84	cps
Bismuth	209-1	15637664	15668616	15833219	15713166	0.67	cps
Bismuth	209-2	7958352	7979658	7832330	7923447	1.00	cps
Boron	11-1	243248	245742	246155	245048	0.64	cps
Boron	10-1	51405	50987	52107	51500	1.10	cps
Cadmium	106-1	80621	81149	80059	80610	0.68	cps
Cadmium	108-1	45206	44829	44942	44992	0.43	cps
Cadmium	111-1	572087	570280	573066	571811	0.25	cps
Calcium	43-1	495324	494869	504978	498390	1.15	cps
Calcium	44-1	8152779	8114566	8292203	8186516	1.14	cps
Chromium	52-2	608722	608834	602733	606763	0.58	cps
Cobalt	59-2	994099	988452	984006	988852	0.51	cps
Copper	63-2	1405369	1397663	1377158	1393397	1.05	cps
Dysprosium	156-1	33	83	92	69	45.44	cps
Dysprosium	156-2	110	63	63	79	34.16	cps
Erbium	164-2	73	63	60	66	10.58	cps
Erbium	164-1	142	83	133	119	26.41	cps
Gadolinium	160-1	200	183	192	192	4.35	cps
Gadolinium	160-2	340	343	367	350	4.15	cps
Holmium	165-1	22984090	23039816	23118943	23047616	0.29	cps
Holmium	165-2	10868117	10894278	10730827	10831074	0.81	cps
Indium	115-1	16640658	16627644	16674842	16647715	0.15	cps
Indium	115-2	3409240	3392246	3356188	3385891	0.80	cps
Iron	56-2	28289833	28003640	27764021	28019164	0.94	cps
Iron	57-2	697718	689526	679497	688914	1.32	cps
Krypton	83-1	427	407	347	393	10.58	cps
Lead	206-1	1805358	1795224	1820484	1807022	0.70	cps
Lead	207-1	1595974	1591725	1608768	1598822	0.55	cps
Lead	208-1	7293746	7292705	7361798	7316083	0.54	cps
Lithium	6-1	3329979	3301844	3292496	3308107	0.59	cps
Magnesium	24-2	4872151	4828076	4823493	4841240	0.55	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:30:10	DataFile Name :	009CAL5_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	790673	784262	777196	784044	0.86	cps
Molybdenum	94-1	3818290	3822480	3831737	3824169	0.18	cps
Molybdenum	95-1	4790690	4794088	4838298	4807692	0.55	cps
Molybdenum	96-1	5306326	5299461	5372195	5325994	0.75	cps
Molybdenum	97-1	2992508	3013120	3026789	3010806	0.57	cps
Molybdenum	98-1	7724443	7748130	7775628	7749400	0.33	cps
Neodymium	150-1	180	160	207	182	12.85	cps
Neodymium	150-2	27	40	20	29	35.25	cps
Nickel	60-2	257713	258944	254982	257213	0.79	cps
Phosphorus	31-2	22751	21600	22376	22242	2.64	cps
Potassium	39-2	2221858	2176481	2183722	2194020	1.11	cps
Rhodium	103-1	15103613	15232915	15294984	15210504	0.64	cps
Rhodium	103-2	7373468	7370206	7268149	7337274	0.82	cps
Scandium	45-1	8959534	8892162	9019291	8956996	0.71	cps
Scandium	45-2	505575	498442	496433	500150	0.96	cps
Selenium	77-2	2160	1997	2017	2058	4.33	cps
Selenium	78-2	6889	7070	7020	6993	1.34	cps
Selenium	82-1	38849	38854	39853	39185	1.48	cps
Silicon	28-1	1228472	1236854	1265363	1243563	1.56	cps
Silver	109-1	2475391	2461945	2488997	2475444	0.55	cps
Silver	107-1	2561308	2586120	2604234	2583887	0.83	cps
Sodium	23-2	9191636	9162914	9085046	9146532	0.60	cps
Strontium	86-1	553992	556367	559449	556603	0.49	cps
Strontium	88-1	4849765	4880595	4882343	4870901	0.38	cps
Sulfur	34-1	702496	697213	696608	698772	0.46	cps
Terbium	159-1	23348648	23522065	23530231	23466982	0.44	cps
Terbium	159-2	10788703	10723384	10586950	10699679	0.96	cps
Thallium	203-1	2195882	2185224	2199549	2193552	0.34	cps
Thallium	205-1	5319684	5280319	5305725	5301909	0.38	cps
Thorium	232-1	7767919	7799521	7837732	7801724	0.45	cps
Tin	118-1	1619482	1612823	1634700	1622335	0.69	cps
Titanium	47-1	1140141	1136645	1151404	1142730	0.67	cps
Uranium	238-1	7642877	7715223	7728075	7695392	0.60	cps
Vanadium	51-2	474840	471902	467581	471441	0.77	cps
Yttrium	89-1	32297787	32542660	32563801	32468083	0.46	cps
Yttrium	89-2	5086879	5116920	5034545	5079448	0.82	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:30:10	DataFile Name :	009CALS_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	242775	242608	243751	243045	0.25	cps
Zirconium	90-1	2954338	2964054	3004704	2974365	0.90	cps
Zirconium	91-1	656145	656996	663823	658988	0.64	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:33:59	DataFile Name :	010CAL5_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	771282	776914	769127	772441	0.52	cps
Antimony	121-1	3437997	3427863	3411396	3425752	0.39	cps
Arsenic	75-1	774683	778792	767910	773795	0.71	cps
Barium	135-1	4027245	4015824	4014017	4019029	0.18	cps
Barium	137-1	7033475	6981885	7018353	7011238	0.38	cps
Beryllium	9-1	548703	541288	543176	544389	0.71	cps
Bismuth	209-1	15509275	15519088	15538734	15522365	0.10	cps
Bismuth	209-2	7743990	7730262	7692611	7722288	0.34	cps
Boron	11-1	429818	434438	431879	432045	0.54	cps
Boron	10-1	88475	91032	91460	90322	1.79	cps
Cadmium	106-1	133197	133002	133322	133174	0.12	cps
Cadmium	108-1	82644	82627	83276	82849	0.45	cps
Cadmium	111-1	1036999	1035340	1028679	1033673	0.43	cps
Calcium	43-1	902352	894490	911638	902827	0.95	cps
Calcium	44-1	14694924	14688810	14798425	14727386	0.42	cps
Chromium	52-2	1099382	1103150	1104931	1102488	0.26	cps
Cobalt	59-2	1785275	1785613	1777742	1782877	0.25	cps
Copper	63-2	2499363	2491999	2488834	2493399	0.22	cps
Dysprosium	156-1	100	67	58	75	29.39	cps
Dysprosium	156-2	100	73	123	99	25.30	cps
Erbium	164-2	70	63	80	71	11.80	cps
Erbium	164-1	100	150	92	114	27.70	cps
Gadolinium	160-1	175	325	275	258	29.57	cps
Gadolinium	160-2	320	330	367	339	7.25	cps
Holmium	165-1	23149704	23006209	23045794	23067236	0.32	cps
Holmium	165-2	10691354	10735058	10688185	10704866	0.24	cps
Indium	115-1	16476228	16344896	16264642	16361922	0.65	cps
Indium	115-2	3280366	3297472	3325350	3301063	0.69	cps
Iron	56-2	50762128	50860661	50813215	50812001	0.10	cps
Iron	57-2	1247424	1261770	1257410	1255535	0.59	cps
Krypton	83-1	393	457	383	411	9.67	cps
Lead	206-1	3305323	3300259	3317921	3307834	0.27	cps
Lead	207-1	2939485	2919270	2921653	2926802	0.38	cps
Lead	208-1	13357108	13350514	13348376	13351999	0.03	cps
Lithium	6-1	3187749	3164608	3161333	3171230	0.45	cps
Magnesium	24-2	8796139	8792970	8786130	8791746	0.06	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:33:59	DataFile Name :	010CAL5_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1415829	1421836	1418912	1418859	0.21	cps
Molybdenum	94-1	6989757	6914382	6958812	6954317	0.54	cps
Molybdenum	95-1	8778400	8692719	8766638	8745919	0.53	cps
Molybdenum	96-1	9614002	9656806	9709930	9660246	0.50	cps
Molybdenum	97-1	5485929	5476555	5451811	5471432	0.32	cps
Molybdenum	98-1	14114190	14087584	13983109	14061628	0.49	cps
Neodymium	150-1	307	267	333	302	11.10	cps
Neodymium	150-2	30	63	33	42	43.48	cps
Nickel	60-2	464167	463320	462200	463229	0.21	cps
Phosphorus	31-2	40723	40197	40547	40489	0.66	cps
Potassium	39-2	3926973	3953274	3951200	3943816	0.37	cps
Rhodium	103-1	14930223	14877535	14792419	14866726	0.47	cps
Rhodium	103-2	7124952	7148516	7130113	7134527	0.17	cps
Scandium	45-1	8753980	8766585	8736583	8752383	0.17	cps
Scandium	45-2	490881	486902	486733	488172	0.48	cps
Selenium	77-2	3744	3877	3791	3804	1.78	cps
Selenium	78-2	12665	12973	12767	12801	1.22	cps
Selenium	82-1	71159	71505	71052	71238	0.33	cps
Silicon	28-1	1922371	1924516	1928847	1925245	0.17	cps
Silver	109-1	4511247	4461226	4498226	4490233	0.58	cps
Silver	107-1	4699655	4632632	4669198	4667161	0.72	cps
Sodium	23-2	16481373	16534764	16442761	16486300	0.28	cps
Strontium	86-1	1011961	1000400	1001329	1004563	0.64	cps
Strontium	88-1	8942543	8856125	8800574	8866414	0.81	cps
Sulfur	34-1	857356	855273	848106	853579	0.57	cps
Terbium	159-1	23451971	23400916	23430257	23427715	0.11	cps
Terbium	159-2	10576803	10545530	10481595	10534642	0.46	cps
Thallium	203-1	4064141	4014175	4040162	4039493	0.62	cps
Thallium	205-1	9650636	9697569	9701266	9683157	0.29	cps
Thorium	232-1	14398839	14393011	14476291	14422714	0.32	cps
Tin	118-1	2979993	2943557	2948576	2957375	0.67	cps
Titanium	47-1	2059764	2047792	2052468	2053341	0.29	cps
Uranium	238-1	14314124	14141936	14272513	14242858	0.63	cps
Vanadium	51-2	854841	851616	854423	853627	0.21	cps
Yttrium	89-1	32068695	32021512	31878608	31989605	0.31	cps
Yttrium	89-2	4949978	4999709	4958440	4969376	0.54	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:33:59	DataFile Name :	010CALS_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	440846	444121	441504	442157	0.39	cps
Zirconium	90-1	5393698	5442016	5384795	5406837	0.57	cps
Zirconium	91-1	1199442	1205917	1203400	1202920	0.27	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:37:46	DataFile Name :	011CALC_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1658918	1680721	1697228	1678956	1.14	cps
Antimony	121-1	7264651	7287908	7313425	7288661	0.33	cps
Arsenic	75-1	1611217	1618198	1624208	1617874	0.40	cps
Barium	135-1	8465772	8490892	8532221	8496295	0.39	cps
Barium	137-1	14750974	14704330	14925614	14793639	0.79	cps
Beryllium	9-1	1116142	1125724	1127081	1122982	0.53	cps
Bismuth	209-1	15451248	15045881	14941689	15146273	1.78	cps
Bismuth	209-2	6998916	6987409	7455239	7147188	3.73	cps
Boron	11-1	886424	916688	924925	909346	2.23	cps
Boron	10-1	183956	188461	192504	188307	2.27	cps
Cadmium	106-1	259483	264882	265350	263238	1.24	cps
Cadmium	108-1	170061	171304	169917	170427	0.45	cps
Cadmium	111-1	2123542	2132570	2145965	2134026	0.53	cps
Calcium	43-1	1890929	1893458	1908018	1897468	0.49	cps
Calcium	44-1	30941192	31126261	31118194	31061883	0.34	cps
Chromium	52-2	2375724	2399521	2405675	2393640	0.66	cps
Cobalt	59-2	3841731	3856840	3898003	3865525	0.75	cps
Copper	63-2	5278806	5344730	5357911	5327149	0.80	cps
Dysprosium	156-1	242	208	117	189	34.27	cps
Dysprosium	156-2	177	147	187	170	12.24	cps
Erbium	164-2	67	90	60	72	21.81	cps
Erbium	164-1	150	42	108	100	54.64	cps
Gadolinium	160-1	275	225	233	244	10.96	cps
Gadolinium	160-2	233	230	363	276	27.59	cps
Holmium	165-1	23073935	22612356	22405014	22697102	1.51	cps
Holmium	165-2	9904456	9888124	10624574	10139051	4.15	cps
Indium	115-1	16085683	15812412	15728939	15875678	1.18	cps
Indium	115-2	2989670	3011776	3250733	3084059	4.69	cps
Iron	56-2	110136214	110266877	110919166	110440752	0.38	cps
Iron	57-2	2699076	2714402	2735216	2716232	0.67	cps
Krypton	83-1	350	350	357	352	1.09	cps
Lead	206-1	6994152	6909678	6995630	6966487	0.71	cps
Lead	207-1	6156390	6184539	6165335	6168755	0.23	cps
Lead	208-1	28177620	28059528	28150942	28129363	0.22	cps
Lithium	6-1	3106932	3029936	3024553	3053807	1.51	cps
Magnesium	24-2	19004667	19086557	19057942	19049722	0.22	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:37:46	DataFile Name :	011CALC_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3075406	3096880	3096420	3089569	0.40	cps
Molybdenum	94-1	14622708	14641813	14763830	14676117	0.52	cps
Molybdenum	95-1	18439198	18506308	18497546	18481017	0.20	cps
Molybdenum	96-1	20380307	20487093	20513856	20460419	0.35	cps
Molybdenum	97-1	11559727	11545858	11647014	11584199	0.47	cps
Molybdenum	98-1	29822423	29922615	29992113	29912384	0.29	cps
Neodymium	150-1	773	693	753	740	5.63	cps
Neodymium	150-2	53	77	77	69	19.56	cps
Nickel	60-2	985752	992694	996345	991597	0.54	cps
Phosphorus	31-2	85579	86141	88580	86767	1.84	cps
Potassium	39-2	8496511	8541318	8594628	8544152	0.57	cps
Rhodium	103-1	14535976	14321835	14176682	14344831	1.26	cps
Rhodium	103-2	6464314	6518302	7035467	6672695	4.73	cps
Scandium	45-1	8676711	8547163	8518542	8580805	0.98	cps
Scandium	45-2	458837	453096	492486	468140	4.55	cps
Selenium	77-2	7819	8072	7986	7959	1.62	cps
Selenium	78-2	26944	27051	26999	26998	0.20	cps
Selenium	82-1	145984	148326	149567	147959	1.23	cps
Silicon	28-1	4296497	4378815	4420812	4365375	1.45	cps
Silver	109-1	9244574	9335020	9421821	9333805	0.95	cps
Silver	107-1	9758071	9856184	9795675	9803310	0.50	cps
Sodium	23-2	35608831	35985872	35900410	35831704	0.55	cps
Strontium	86-1	2113831	2112082	2134112	2120009	0.58	cps
Strontium	88-1	18506818	18623791	18896928	18675845	1.07	cps
Sulfur	34-1	1214627	1207360	1209905	1210631	0.30	cps
Terbium	159-1	23304173	22853817	22801094	22986361	1.20	cps
Terbium	159-2	9717200	9734705	10434684	9962196	4.11	cps
Thallium	203-1	8467359	8420466	8467313	8451712	0.32	cps
Thallium	205-1	20291688	20152110	20235559	20226452	0.35	cps
Thorium	232-1	30574587	30605484	30832752	30670941	0.46	cps
Tin	118-1	6275744	6286410	6299207	6287120	0.19	cps
Titanium	47-1	4307752	4341510	4372503	4340588	0.75	cps
Uranium	238-1	30108726	30194548	30359436	30220903	0.42	cps
Vanadium	51-2	1856381	1873242	1878797	1869473	0.62	cps
Yttrium	89-1	31728698	31193009	31115071	31345593	1.07	cps
Yttrium	89-2	4592774	4635367	4992174	4740105	4.63	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:37:46	DataFile Name :	011CALS_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	915419	931984	932319	926574	1.04	cps
Zirconium	90-1	11463036	11451729	11560561	11491775	0.52	cps
Zirconium	91-1	2526775	2525994	2558564	2537111	0.73	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:41:32	DataFile Name :	012CALS_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3402903	3379652	3343722	3375426	0.88	cps
Antimony	121-1	14642235	14722722	14779147	14714701	0.47	cps
Arsenic	75-1	3245773	3254753	3244300	3248275	0.17	cps
Barium	135-1	17101865	17251558	17283861	17212428	0.56	cps
Barium	137-1	29678001	30123211	30138501	29979904	0.87	cps
Beryllium	9-1	2230328	2240274	2230882	2233828	0.25	cps
Bismuth	209-1	14951291	14913521	14980672	14948495	0.23	cps
Bismuth	209-2	7525060	7443215	7417671	7461982	0.75	cps
Boron	11-1	1825571	1853635	1897674	1858960	1.96	cps
Boron	10-1	378084	385690	386559	383444	1.22	cps
Cadmium	106-1	507179	508764	509220	508388	0.21	cps
Cadmium	108-1	339565	336754	340582	338967	0.58	cps
Cadmium	111-1	4247129	4244390	4238402	4243307	0.11	cps
Calcium	43-1	3885562	3912406	3916651	3904873	0.43	cps
Calcium	44-1	63829662	63897135	64039204	63922000	0.17	cps
Chromium	52-2	4841618	4800469	4812523	4818203	0.44	cps
Cobalt	59-2	7772819	7660455	7689914	7707730	0.76	cps
Copper	63-2	11157387	11109959	11084968	11117438	0.33	cps
Dysprosium	156-1	283	375	292	317	16.01	cps
Dysprosium	156-2	267	290	277	278	4.22	cps
Erbium	164-2	87	70	63	73	16.39	cps
Erbium	164-1	150	133	133	139	6.93	cps
Gadolinium	160-1	250	300	258	269	9.94	cps
Gadolinium	160-2	350	283	280	304	12.97	cps
Holmium	165-1	23163698	23414088	23241755	23273181	0.55	cps
Holmium	165-2	10939348	10830756	10768804	10846302	0.80	cps
Indium	115-1	16063893	16162896	16294225	16173671	0.71	cps
Indium	115-2	3312412	3297840	3269802	3293352	0.66	cps
Iron	56-2	220462383	220789427	219286844	220179551	0.36	cps
Iron	57-2	5454903	5423902	5443354	5440720	0.29	cps
Krypton	83-1	387	327	310	341	11.82	cps
Lead	206-1	13817358	13919827	13880357	13872514	0.37	cps
Lead	207-1	12259665	12286183	12274087	12273311	0.11	cps
Lead	208-1	55865282	56004561	55778195	55882679	0.20	cps
Lithium	6-1	3132632	3119654	3140150	3130812	0.33	cps
Magnesium	24-2	38624931	38398920	38101424	38375091	0.68	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:41:32	DataFile Name :	012CALS_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6230950	6195795	6150620	6192455	0.65	cps
Molybdenum	94-1	30297500	30154238	30520197	30323978	0.61	cps
Molybdenum	95-1	37836104	37719602	38441107	37998938	1.02	cps
Molybdenum	96-1	41785294	41860361	42717590	42121081	1.23	cps
Molybdenum	97-1	23600007	23713255	24103517	23805593	1.11	cps
Molybdenum	98-1	60728953	61203312	61764583	61232283	0.85	cps
Neodymium	150-1	1480	1453	1467	1467	0.91	cps
Neodymium	150-2	127	127	170	141	17.73	cps
Nickel	60-2	1960775	1947501	1944001	1950759	0.45	cps
Phosphorus	31-2	172900	175032	171998	173310	0.90	cps
Potassium	39-2	17569133	17601861	17265936	17478977	1.06	cps
Rhodium	103-1	14519345	14548716	14615349	14561137	0.34	cps
Rhodium	103-2	7119122	7067066	7044747	7076978	0.54	cps
Scandium	45-1	8981746	9056398	9047884	9028676	0.45	cps
Scandium	45-2	518187	521147	516553	518629	0.45	cps
Selenium	77-2	15849	15642	15302	15597	1.77	cps
Selenium	78-2	53177	52738	52656	52857	0.53	cps
Selenium	82-1	291229	293873	294641	293248	0.61	cps
Silicon	28-1	8599866	8740612	8846002	8728827	1.41	cps
Silver	109-1	18513971	18531544	18730946	18592154	0.65	cps
Silver	107-1	19448694	19515018	19749129	19570947	0.81	cps
Sodium	23-2	73306079	72701910	72641418	72883136	0.50	cps
Strontium	86-1	4354346	4369283	4334828	4352819	0.40	cps
Strontium	88-1	38189599	38482206	38431222	38367676	0.41	cps
Sulfur	34-1	1925202	1927642	1919548	1924131	0.22	cps
Terbium	159-1	23700167	23687633	23782913	23723571	0.22	cps
Terbium	159-2	10730819	10559470	10598816	10629702	0.84	cps
Thallium	203-1	16698385	16782799	16707038	16729407	0.28	cps
Thallium	205-1	40189537	40524029	39934765	40216111	0.73	cps
Thorium	232-1	60607821	61093411	61676085	61125772	0.88	cps
Tin	118-1	12667467	12726273	12710656	12701465	0.24	cps
Titanium	47-1	9021160	9091031	9108647	9073612	0.51	cps
Uranium	238-1	60011272	60360187	60417858	60263106	0.37	cps
Vanadium	51-2	3804469	3782430	3809369	3798756	0.38	cps
Yttrium	89-1	32480999	32614112	32708647	32601253	0.35	cps
Yttrium	89-2	5153109	5151801	5112866	5139259	0.44	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:41:32	DataFile Name :	012CALS_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1885950	1882533	1874717	1881067	0.31	cps
Zirconium	90-1	23474558	23541696	23780985	23599080	0.68	cps
Zirconium	91-1	5247016	5220091	5290061	5252389	0.67	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:45:19	DataFile Name :	013CALS_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18530723	18694869	18615010	18613534	0.44	cps
Antimony	121-1	20532	20833	20833	20733	0.84	cps
Arsenic	75-1	3789	3824	4017	3877	3.16	cps
Barium	135-1	1900	2209	1967	2025	8.01	cps
Barium	137-1	3834	3834	3667	3778	2.55	cps
Beryllium	9-1	393	463	387	414	10.25	cps
Bismuth	209-1	13025196	12913621	12800846	12913221	0.87	cps
Bismuth	209-2	6230079	6460884	6359831	6350265	1.82	cps
Boron	11-1	90957	82283	76276	83172	8.87	cps
Boron	10-1	18462	17111	15584	17052	8.45	cps
Cadmium	106-1	16202	16352	16243	16265	0.48	cps
Cadmium	108-1	104	138	121	121	13.79	cps
Cadmium	111-1	11897	11858	11915	11890	0.24	cps
Calcium	43-1	19694520	19848948	19675203	19739557	0.48	cps
Calcium	44-1	321707274	323032824	320125815	321621971	0.45	cps
Chromium	52-2	132509	133703	131661	132624	0.77	cps
Cobalt	59-2	96434	96058	95545	96012	0.46	cps
Copper	63-2	19363	19814	19557	19578	1.15	cps
Dysprosium	156-1	75	117	83	92	24.05	cps
Dysprosium	156-2	40	47	43	43	7.70	cps
Erbium	164-2	90	73	97	87	13.87	cps
Erbium	164-1	100	142	100	114	21.12	cps
Gadolinium	160-1	283	258	242	261	8.03	cps
Gadolinium	160-2	347	290	373	337	12.64	cps
Holmium	165-1	21978891	21658756	21750818	21796155	0.76	cps
Holmium	165-2	10010974	10422019	10273084	10235359	2.03	cps
Indium	115-1	15402004	15177122	15232697	15270608	0.77	cps
Indium	115-2	3077305	3213732	3198074	3163037	2.36	cps
Iron	56-2	1125248892	1117448047	1126817359	1123171433	0.45	cps
Iron	57-2	27684545	27862663	27578694	27708634	0.52	cps
Krypton	83-1	377	357	330	354	6.61	cps
Lead	206-1	8464	7914	7897	8092	3.99	cps
Lead	207-1	7224	7230	7258	7237	0.25	cps
Lead	208-1	32088	31615	30837	31513	2.00	cps
Lithium	6-1	3033306	3013260	3011787	3019451	0.40	cps
Magnesium	24-2	196332317	197632921	196073125	196679454	0.42	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:45:19	DataFile Name :	013CALS_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	21479	21940	21473	21631	1.24	cps
Molybdenum	94-1	19673	20098	19431	19734	1.71	cps
Molybdenum	95-1	30934	31277	29706	30639	2.70	cps
Molybdenum	96-1	34568	35010	33156	34245	2.83	cps
Molybdenum	97-1	19356	19489	18396	19080	3.13	cps
Molybdenum	98-1	50674	49545	46903	49041	3.95	cps
Neodymium	150-1	133	167	233	178	28.64	cps
Neodymium	150-2	63	60	87	70	20.76	cps
Nickel	60-2	52186	52999	52216	52467	0.88	cps
Phosphorus	31-2	367	317	350	344	7.39	cps
Potassium	39-2	93053713	93336517	93858769	93416333	0.44	cps
Rhodium	103-1	13239623	13100201	13116440	13152088	0.58	cps
Rhodium	103-2	6207859	6508677	6438439	6384992	2.46	cps
Scandium	45-1	8871288	8831308	8926236	8876278	0.54	cps
Scandium	45-2	512393	532310	529826	524843	2.07	cps
Selenium	77-2	10	23	0	11	105.35	cps
Selenium	78-2	63	80	69	70	12.06	cps
Selenium	82-1	65	117	210	131	55.86	cps
Silicon	28-1	267307	263397	260795	263833	1.24	cps
Silver	109-1	1325	1442	1442	1403	4.80	cps
Silver	107-1	1750	1567	1859	1725	8.55	cps
Sodium	23-2	377093458	375485725	379265500	377281561	0.50	cps
Strontium	86-1	18171	18646	18679	18499	1.54	cps
Strontium	88-1	158929	158989	155832	157917	1.14	cps
Sulfur	34-1	496127	502157	505277	501187	0.93	cps
Terbium	159-1	22595361	22126161	22121266	22280929	1.22	cps
Terbium	159-2	9890928	10225643	10107131	10074567	1.68	cps
Thallium	203-1	4651	4451	4459	4520	2.50	cps
Thallium	205-1	10738	10046	9337	10040	6.98	cps
Thorium	232-1	16900	15159	14497	15519	8.00	cps
Tin	118-1	7069	6427	6477	6657	5.36	cps
Titanium	47-1	1875	1959	1734	1856	6.13	cps
Uranium	238-1	6227	7094	6235	6519	7.64	cps
Vanadium	51-2	783	790	810	794	1.75	cps
Yttrium	89-1	31589835	31666828	31732907	31663190	0.23	cps
Yttrium	89-2	4974430	5202228	5123462	5100040	2.27	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:45:19	DataFile Name :	013CALS_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	17925	17991	18198	18038	0.79	cps
Zirconium	90-1	6627	6744	6418	6596	2.50	cps
Zirconium	91-1	1392	1517	1450	1453	4.31	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:51:33	DataFile Name :	014ICV01_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	94615	96301	93860	94926	1.32	cps
Antimony	121-1	3086855	3076540	3088442	3083946	0.21	cps
Arsenic	75-1	734183	742744	749118	742015	1.01	cps
Barium	135-1	360190	366618	362944	363251	0.89	cps
Barium	137-1	636372	641560	637346	638426	0.43	cps
Beryllium	9-1	248817	248262	253175	250085	1.08	cps
Bismuth	209-1	16500865	16242178	16247967	16330337	0.90	cps
Bismuth	209-2	8510520	8010771	8098072	8206454	3.25	cps
Boron	11-1	34190	34131	34657	34326	0.84	cps
Boron	10-1	6977	7144	7294	7138	2.22	cps
Cadmium	106-1	59141	58212	58940	58764	0.83	cps
Cadmium	108-1	30700	30074	30224	30333	1.08	cps
Cadmium	111-1	476493	480869	479128	478830	0.46	cps
Calcium	43-1	85397	85447	88314	86386	1.93	cps
Calcium	44-1	1412905	1416956	1424925	1418262	0.43	cps
Chromium	52-2	531767	538004	523514	531095	1.37	cps
Cobalt	59-2	886502	882185	864554	877747	1.32	cps
Copper	63-2	625372	620285	611389	619015	1.14	cps
Dysprosium	156-1	33	33	33	33	0.02	cps
Dysprosium	156-2	13	23	30	22	37.76	cps
Erbium	164-2	110	113	120	114	4.45	cps
Erbium	164-1	192	167	192	183	7.88	cps
Gadolinium	160-1	192	242	217	217	11.54	cps
Gadolinium	160-2	400	327	320	349	12.72	cps
Holmium	165-1	24190735	23777278	23861928	23943314	0.91	cps
Holmium	165-2	11654359	10974493	11014062	11214304	3.40	cps
Indium	115-1	18506527	18059142	18060527	18208732	1.42	cps
Indium	115-2	3829778	3612136	3663746	3701887	3.07	cps
Iron	56-2	4995202	5010665	4850307	4952058	1.79	cps
Iron	57-2	126310	123739	122396	124148	1.60	cps
Krypton	83-1	383	373	490	416	15.56	cps
Lead	206-1	2898151	2898111	2939061	2911774	0.81	cps
Lead	207-1	2528004	2538844	2561675	2542841	0.68	cps
Lead	208-1	11623233	11693575	11826026	11714278	0.88	cps
Lithium	6-1	3588107	3513347	3495215	3532223	1.39	cps
Magnesium	24-2	528860	521631	512406	520966	1.58	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:51:33	DataFile Name :	014ICV01_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	341182	346063	335470	340905	1.56	cps
Molybdenum	94-1	1834	1659	1825	1772	5.57	cps
Molybdenum	95-1	1408	1350	1425	1395	2.82	cps
Molybdenum	96-1	1817	1775	1709	1767	3.09	cps
Molybdenum	97-1	883	867	800	850	5.19	cps
Molybdenum	98-1	2125	1734	2550	2136	19.12	cps
Neodymium	150-1	80	33	7	40	92.79	cps
Neodymium	150-2	0	10	17	9	94.38	cps
Nickel	60-2	232503	232278	226124	230302	1.57	cps
Phosphorus	31-2	342	317	358	339	6.19	cps
Potassium	39-2	835081	836639	817982	829901	1.25	cps
Rhodium	103-1	16964773	16624465	16602517	16730585	1.21	cps
Rhodium	103-2	8406249	7873945	7917209	8065801	3.67	cps
Scandium	45-1	10183436	9982679	10033704	10066606	1.04	cps
Scandium	45-2	581002	545745	555591	560779	3.24	cps
Selenium	77-2	3861	3601	3784	3748	3.57	cps
Selenium	78-2	12685	12556	12459	12567	0.90	cps
Selenium	82-1	68201	68214	68366	68260	0.13	cps
Silicon	28-1	163208	163618	168506	165110	1.79	cps
Silver	109-1	1921259	1893291	1885646	1900065	0.99	cps
Silver	107-1	1982920	1963443	1994377	1980246	0.79	cps
Sodium	23-2	1678603	1676936	1632281	1662607	1.58	cps
Strontium	86-1	11096	10980	11772	11283	3.79	cps
Strontium	88-1	97135	96046	95827	96336	0.73	cps
Sulfur	34-1	566894	570052	576012	570986	0.81	cps
Terbium	159-1	24772966	24518356	24286690	24526004	0.99	cps
Terbium	159-2	11583810	10948832	10915123	11149255	3.38	cps
Thallium	203-1	3759400	3779380	3781337	3773372	0.32	cps
Thallium	205-1	9032715	9040209	9108169	9060365	0.46	cps
Thorium	232-1	4651	4945	4879	4825	3.20	cps
Tin	118-1	2967	3176	3351	3164	6.07	cps
Titanium	47-1	500	517	375	464	16.69	cps
Uranium	238-1	3151	2892	2775	2939	6.53	cps
Vanadium	51-2	416467	421459	409999	415975	1.38	cps
Yttrium	89-1	36412234	35678389	35313952	35801525	1.56	cps
Yttrium	89-2	5856777	5483686	5528397	5622953	3.62	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 15:51:33	DataFile Name :	014ICV01_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	216155	216978	214167	215766	0.67	cps
Zirconium	90-1	1975	2475	2409	2286	11.88	cps
Zirconium	91-1	1333	1367	1275	1325	3.50	cps

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-03 16:02:12 DataFile Name : 016CCBE_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	108	75	89	19.52	cps
Antimony	121-1	1242	1092	1358	1231	10.86	cps
Arsenic	75-1	-430	-410	-233	-357	-30.34	cps
Barium	135-1	17	67	50	44	57.28	cps
Barium	137-1	58	83	67	69	18.33	cps
Beryllium	9-1	180	200	217	199	9.23	cps
Bismuth	209-1	15953867	16023541	15734559	15903989	0.95	cps
Bismuth	209-2	8199181	8205682	8194301	8199721	0.07	cps
Boron	11-1	14024	14716	14508	14416	2.46	cps
Boron	10-1	2842	3200	2967	3003	6.06	cps
Cadmium	106-1	17103	18229	17153	17495	3.64	cps
Cadmium	108-1	21	67	38	42	55.69	cps
Cadmium	111-1	12020	12772	12072	12288	3.42	cps
Calcium	43-1	233	150	150	178	27.06	cps
Calcium	44-1	15834	14499	15467	15267	4.52	cps
Chromium	52-2	1193	1247	1083	1175	7.09	cps
Cobalt	59-2	200	210	227	212	6.35	cps
Copper	63-2	1170	1190	1303	1221	5.89	cps
Dysprosium	156-1	17	42	17	25	57.73	cps
Dysprosium	156-2	10	20	20	17	34.64	cps
Erbium	164-2	43	53	83	60	34.70	cps
Erbium	164-1	108	100	67	92	24.05	cps
Gadolinium	160-1	242	208	158	203	20.69	cps
Gadolinium	160-2	310	350	343	334	6.41	cps
Holmium	165-1	23615030	23161193	23153890	23310038	1.13	cps
Holmium	165-2	11220204	11250870	11159752	11210275	0.41	cps
Indium	115-1	18089664	17823504	17867532	17926900	0.80	cps
Indium	115-2	3753450	3766032	3757164	3758882	0.17	cps
Iron	56-2	5479	5568	5679	5575	1.80	cps
Iron	57-2	228	178	172	193	15.89	cps
Krypton	83-1	397	360	410	389	6.66	cps
Lead	206-1	1189	1183	1195	1189	0.47	cps
Lead	207-1	1195	1283	1111	1196	7.20	cps
Lead	208-1	4289	4723	4250	4421	5.93	cps
Lithium	6-1	3528146	3446351	3496087	3490195	1.18	cps
Magnesium	24-2	1092	1392	1292	1258	12.14	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:02:12	DataFile Name :	016CCBE_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	97	127	117	113	13.48	cps
Molybdenum	94-1	792	625	733	717	11.80	cps
Molybdenum	95-1	325	267	283	292	10.30	cps
Molybdenum	96-1	542	475	425	481	12.18	cps
Molybdenum	97-1	150	217	242	203	23.37	cps
Molybdenum	98-1	575	458	533	522	11.32	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	10	3	10	8	49.52	cps
Nickel	60-2	193	230	177	200	13.64	cps
Phosphorus	31-2	308	250	383	314	21.29	cps
Potassium	39-2	35686	34549	35936	35390	2.09	cps
Rhodium	103-1	16766861	16580899	16558088	16635283	0.69	cps
Rhodium	103-2	8237160	8302034	8233451	8257548	0.47	cps
Scandium	45-1	10108219	9907121	9985278	10000206	1.01	cps
Scandium	45-2	573323	575561	574529	574471	0.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	69	50	57	59	15.90	cps
Selenium	82-1	-34	72	-43	-2	-3881.86	cps
Silicon	28-1	135697	134593	137064	135785	0.91	cps
Silver	109-1	150	133	133	139	6.93	cps
Silver	107-1	350	342	325	339	3.76	cps
Sodium	23-2	46824	47560	47301	47228	0.79	cps
Strontium	86-1	592	500	575	556	8.79	cps
Strontium	88-1	125	200	183	169	23.24	cps
Sulfur	34-1	580961	594214	598773	591316	1.56	cps
Terbium	159-1	24088419	23803494	23952295	23948069	0.60	cps
Terbium	159-2	11125781	11158156	11147853	11143930	0.15	cps
Thallium	203-1	1283	1567	1450	1433	9.94	cps
Thallium	205-1	2617	2759	2434	2603	6.26	cps
Thorium	232-1	4734	4912	5084	4910	3.57	cps
Tin	118-1	2709	3167	2717	2864	9.16	cps
Titanium	47-1	183	217	100	167	36.05	cps
Uranium	238-1	2775	2817	2834	2809	1.07	cps
Vanadium	51-2	7	7	3	6	34.70	cps
Yttrium	89-1	35500154	35092161	34897723	35163346	0.87	cps
Yttrium	89-2	5723886	5712291	5713194	5716457	0.11	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:02:12	DataFile Name :	016CCBE_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	947	890	930	922	3.16	cps
Zirconium	90-1	1800	1809	1892	1834	2.77	cps
Zirconium	91-1	300	400	367	356	14.32	cps

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-03 16:05:49 DataFile Name : 017ICSA01_P7090319 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17174275	17259461	17284002	17239246	0.33	cps
Antimony	121-1	16994	16786	16594	16791	1.19	cps
Arsenic	75-1	3267	3095	3544	3302	6.86	cps
Barium	135-1	5251	5435	5110	5265	3.10	cps
Barium	137-1	8853	8078	9020	8650	5.81	cps
Beryllium	9-1	817	747	767	777	4.64	cps
Bismuth	209-1	14299433	14351730	14336869	14329344	0.19	cps
Bismuth	209-2	7355967	7391746	7415400	7387705	0.41	cps
Boron	11-1	12731	12264	12305	12433	2.08	cps
Boron	10-1	2650	2459	2517	2542	3.87	cps
Cadmium	106-1	16844	16035	16669	16516	2.58	cps
Cadmium	108-1	7998	7569	8115	7894	3.64	cps
Cadmium	111-1	15354	15826	15433	15537	1.63	cps
Calcium	43-1	3995324	4056838	4118192	4056785	1.51	cps
Calcium	44-1	65202758	66747743	67397608	66449370	1.70	cps
Chromium	52-2	103191	104205	104927	104108	0.84	cps
Cobalt	59-2	10307	10637	10000	10315	3.09	cps
Copper	63-2	45711	45654	46614	45993	1.17	cps
Dysprosium	156-1	75	100	58	78	26.96	cps
Dysprosium	156-2	33	53	67	51	32.83	cps
Erbium	164-2	77	63	123	88	35.90	cps
Erbium	164-1	167	117	100	128	27.15	cps
Gadolinium	160-1	208	250	242	233	9.45	cps
Gadolinium	160-2	350	400	377	376	6.66	cps
Holmium	165-1	22897161	23109998	23064977	23024045	0.49	cps
Holmium	165-2	10973561	10978420	11118809	11023597	0.75	cps
Indium	115-1	16727977	16889087	17036233	16884432	0.91	cps
Indium	115-2	3527650	3552135	3591561	3557115	0.91	cps
Iron	56-2	471069288	474406444	478469844	474648525	0.78	cps
Iron	57-2	11612850	11704397	11732359	11683202	0.54	cps
Krypton	83-1	290	383	417	363	18.07	cps
Lead	206-1	64306	65009	66253	65189	1.51	cps
Lead	207-1	51506	52242	52068	51939	0.74	cps
Lead	208-1	245112	248555	248146	247271	0.76	cps
Lithium	6-1	3237571	3279266	3307910	3274915	1.08	cps
Magnesium	24-2	40998366	41473998	41566020	41346128	0.74	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:05:49	DataFile Name :	017ICSA01_P7090319 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	26224	26347	26558	26376	0.64	cps
Molybdenum	94-1	8002433	8145842	8254448	8134241	1.55	cps
Molybdenum	95-1	14223161	14408221	14589834	14407072	1.27	cps
Molybdenum	96-1	15042263	15344556	15507511	15298110	1.54	cps
Molybdenum	97-1	8897000	9002094	8980014	8959703	0.62	cps
Molybdenum	98-1	22787464	23210897	23239213	23079191	1.10	cps
Neodymium	150-1	93	107	67	89	22.91	cps
Neodymium	150-2	53	20	37	37	45.45	cps
Nickel	60-2	11591	11608	11428	11542	0.86	cps
Phosphorus	31-2	928427	924708	927918	927017	0.22	cps
Potassium	39-2	38201696	38513113	38752716	38489175	0.72	cps
Rhodium	103-1	15132543	15371202	15393606	15299117	0.95	cps
Rhodium	103-2	7548181	7567241	7624843	7580088	0.53	cps
Scandium	45-1	9698352	9771648	9953707	9807902	1.34	cps
Scandium	45-2	568624	572738	574189	571850	0.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	44	59	61	55	16.63	cps
Selenium	82-1	121	-19	-60	14	676.90	cps
Silicon	28-1	341786	346728	347726	345413	0.92	cps
Silver	109-1	758	725	758	747	2.58	cps
Silver	107-1	1042	983	1125	1050	6.78	cps
Sodium	23-2	78241518	79091989	79459362	78930957	0.79	cps
Strontium	86-1	152121	154152	155229	153834	1.03	cps
Strontium	88-1	1317953	1341519	1352314	1337262	1.31	cps
Sulfur	34-1	5965226	6083916	6114254	6054465	1.30	cps
Terbium	159-1	23332362	23511519	23583234	23475705	0.55	cps
Terbium	159-2	10908247	10936978	10947290	10930838	0.19	cps
Thallium	203-1	3026	3609	3576	3403	9.63	cps
Thallium	205-1	6911	7444	7836	7397	6.28	cps
Thorium	232-1	4434	4562	4790	4595	3.92	cps
Tin	118-1	4693	4843	4418	4651	4.64	cps
Titanium	47-1	3895039	3902192	3978017	3925083	1.17	cps
Uranium	238-1	4176	3551	4067	3931	8.50	cps
Vanadium	51-2	740	797	717	751	5.48	cps
Yttrium	89-1	34093875	34647219	34955773	34565623	1.26	cps
Yttrium	89-2	5611256	5632774	5694766	5646265	0.77	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:05:49	DataFile Name :	017ICSA01_P7090319 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	12649	13026	13410	13028	2.92	cps
Zirconium	90-1	2309	2692	2675	2559	8.47	cps
Zirconium	91-1	408	500	400	436	12.72	cps

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-03 16:09:26 DataFile Name : 018ICSB_P7090319 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17599122	17542762	17620348	17587411	0.23	cps
Antimony	121-1	310322	312503	314917	312580	0.74	cps
Arsenic	75-1	73310	75351	71172	73278	2.85	cps
Barium	135-1	75698	76259	76645	76201	0.63	cps
Barium	137-1	130517	132216	135019	132584	1.71	cps
Beryllium	9-1	48313	48688	47474	48158	1.29	cps
Bismuth	209-1	14476571	14528221	14284263	14429685	0.89	cps
Bismuth	209-2	7630260	7432784	7413394	7492146	1.60	cps
Boron	11-1	10596	10220	10062	10293	2.66	cps
Boron	10-1	2184	2225	2042	2150	4.47	cps
Cadmium	106-1	24798	25615	24672	25029	2.05	cps
Cadmium	108-1	13669	13828	13690	13729	0.63	cps
Cadmium	111-1	99422	100605	101111	100379	0.86	cps
Calcium	43-1	4174622	4197353	4217525	4196500	0.51	cps
Calcium	44-1	68282372	69383156	69012439	68892656	0.81	cps
Chromium	52-2	211659	210098	210637	210798	0.38	cps
Cobalt	59-2	180414	179209	179824	179816	0.34	cps
Copper	63-2	162463	163110	162241	162605	0.28	cps
Dysprosium	156-1	8	142	100	83	81.86	cps
Dysprosium	156-2	57	103	43	68	46.49	cps
Erbium	164-2	113	90	83	96	16.49	cps
Erbium	164-1	242	117	117	158	45.58	cps
Gadolinium	160-1	167	267	317	250	30.55	cps
Gadolinium	160-2	377	333	383	364	7.45	cps
Holmium	165-1	23414100	23526904	23283049	23408018	0.52	cps
Holmium	165-2	11556944	11150084	11111777	11272935	2.19	cps
Indium	115-1	17490041	17506326	17373042	17456470	0.42	cps
Indium	115-2	3741479	3616479	3597322	3651760	2.14	cps
Iron	56-2	482979055	482372744	481028011	482126603	0.21	cps
Iron	57-2	11907747	11792479	11787332	11829186	0.58	cps
Krypton	83-1	363	410	433	402	8.86	cps
Lead	206-1	333165	330883	330997	331682	0.39	cps
Lead	207-1	276699	276422	278248	277123	0.36	cps
Lead	208-1	1288873	1285148	1288518	1287513	0.16	cps
Lithium	6-1	3346340	3367647	3338026	3350671	0.46	cps
Magnesium	24-2	41985772	42023481	42195819	42068357	0.27	cps

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-03 16:09:26 DataFile Name : 018ICSB_P7090319 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	95004	93159	94474	94212	1.01	cps
Molybdenum	94-1	8276980	8382970	8391618	8350522	0.76	cps
Molybdenum	95-1	14611399	14858014	14822708	14764040	0.90	cps
Molybdenum	96-1	15633578	15889005	15732134	15751572	0.82	cps
Molybdenum	97-1	9185437	9279521	9253252	9239403	0.53	cps
Molybdenum	98-1	23585946	23667381	23669217	23640848	0.20	cps
Neodymium	150-1	80	87	60	76	18.37	cps
Neodymium	150-2	27	40	37	34	20.14	cps
Nickel	60-2	54534	55766	54508	54936	1.31	cps
Phosphorus	31-2	942833	939746	947251	943277	0.40	cps
Potassium	39-2	39481085	38998540	39459136	39312921	0.69	cps
Rhodium	103-1	15632292	15795737	15661148	15696392	0.56	cps
Rhodium	103-2	7954646	7745884	7741391	7813973	1.56	cps
Scandium	45-1	10216514	10268011	10176735	10220420	0.45	cps
Scandium	45-2	610847	585876	584706	593810	2.49	cps
Selenium	77-2	317	313	357	329	7.33	cps
Selenium	78-2	1109	1093	1148	1117	2.55	cps
Selenium	82-1	6102	5974	5973	6017	1.24	cps
Silicon	28-1	381192	392875	389528	387865	1.55	cps
Silver	109-1	376527	372026	374708	374420	0.60	cps
Silver	107-1	386108	392893	390098	389700	0.87	cps
Sodium	23-2	79803681	79990625	79967529	79920612	0.13	cps
Strontium	86-1	158036	161214	158550	159266	1.07	cps
Strontium	88-1	1386609	1394482	1381262	1387451	0.48	cps
Sulfur	34-1	6226542	6286027	6281763	6264777	0.53	cps
Terbium	159-1	23872379	24044733	23953675	23956929	0.36	cps
Terbium	159-2	11360735	11060121	11097167	11172674	1.47	cps
Thallium	203-1	325122	323381	326818	325107	0.53	cps
Thallium	205-1	783835	782053	776284	780724	0.51	cps
Thorium	232-1	3778	3623	3778	3727	2.41	cps
Tin	118-1	4609	4843	5385	4946	8.04	cps
Titanium	47-1	4013292	4091367	4041308	4048656	0.98	cps
Uranium	238-1	3492	3751	3917	3720	5.76	cps
Vanadium	51-2	84296	84071	83381	83916	0.57	cps
Yttrium	89-1	35815293	35824226	35735659	35791726	0.14	cps
Yttrium	89-2	5913366	5759896	5723285	5798849	1.74	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:09:26	DataFile Name :	018ICSB_P7090319 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	31995	32226	31127	31782	1.82	cps
Zirconium	90-1	2267	2325	2492	2361	4.95	cps
Zirconium	91-1	492	433	467	464	6.31	cps

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : CCV95 Instrumnet Name : P7
 Client Sample ID : CCV95 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-03 16:13:25 DataFile Name : 019CCV_P7090319 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10316176	10281638	10274094	10290636	0.22	cps
Antimony	121-1	7451567	7434073	7448316	7444652	0.12	cps
Arsenic	75-1	1696894	1721563	1711119	1709859	0.72	cps
Barium	135-1	8751739	8699284	8853405	8768143	0.89	cps
Barium	137-1	15175288	15261032	15342370	15259564	0.55	cps
Beryllium	9-1	1167213	1169637	1160718	1165856	0.40	cps
Bismuth	209-1	14050983	14189426	14044581	14094996	0.58	cps
Bismuth	209-2	7134236	7145266	7196801	7158767	0.47	cps
Boron	11-1	966661	979103	982325	976030	0.85	cps
Boron	10-1	199575	201713	203975	201754	1.09	cps
Cadmium	106-1	282902	287006	284860	284923	0.72	cps
Cadmium	108-1	186838	185373	188780	186997	0.91	cps
Cadmium	111-1	2332108	2361496	2339679	2344428	0.65	cps
Calcium	43-1	10472055	10443620	10418927	10444868	0.25	cps
Calcium	44-1	169688083	169676508	170265162	169876584	0.20	cps
Chromium	52-2	2689653	2660360	2679338	2676450	0.56	cps
Cobalt	59-2	4157675	4152849	4155511	4155345	0.06	cps
Copper	63-2	6376157	6363469	6358378	6366001	0.14	cps
Dysprosium	156-1	158	250	200	203	22.63	cps
Dysprosium	156-2	190	163	170	174	7.95	cps
Erbium	164-2	100	93	73	89	15.61	cps
Erbium	164-1	125	92	208	142	42.42	cps
Gadolinium	160-1	192	258	250	233	15.57	cps
Gadolinium	160-2	337	353	330	340	3.53	cps
Holmium	165-1	23169069	23350197	23194224	23237830	0.42	cps
Holmium	165-2	10929217	10948685	11051922	10976608	0.60	cps
Indium	115-1	17098303	17130970	17109105	17112793	0.10	cps
Indium	115-2	3500657	3518406	3554730	3524598	0.78	cps
Iron	56-2	597946169	596290347	591958547	595398354	0.52	cps
Iron	57-2	14664529	14676148	14792344	14711007	0.48	cps
Krypton	83-1	467	423	450	447	4.89	cps
Lead	206-1	6337461	6406758	6331703	6358641	0.66	cps
Lead	207-1	5668109	5708100	5687604	5687938	0.35	cps
Lead	208-1	25842441	26017937	25969341	25943240	0.35	cps
Lithium	6-1	3304401	3323460	3302164	3310008	0.35	cps
Magnesium	24-2	103644896	102521888	103152061	103106281	0.55	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P7
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:13:25	DataFile Name :	019CCV_P7090319 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3393040	3379699	3392106	3388282	0.22	cps
Molybdenum	94-1	16274221	16268586	16110785	16217864	0.57	cps
Molybdenum	95-1	20354764	20402836	20301567	20353055	0.25	cps
Molybdenum	96-1	22484078	22492352	22513221	22496550	0.07	cps
Molybdenum	97-1	12666315	12735175	12771530	12724340	0.42	cps
Molybdenum	98-1	32769390	32773489	32487972	32676950	0.50	cps
Neodymium	150-1	860	740	800	800	7.50	cps
Neodymium	150-2	87	100	90	92	7.52	cps
Nickel	60-2	1053723	1062287	1060073	1058694	0.42	cps
Phosphorus	31-2	97367	97812	98383	97854	0.52	cps
Potassium	39-2	49800784	49785026	50012323	49866045	0.25	cps
Rhodium	103-1	15255380	15349470	15250609	15285153	0.36	cps
Rhodium	103-2	7380546	7422985	7482606	7428712	0.69	cps
Scandium	45-1	10236068	10309270	10286928	10277422	0.37	cps
Scandium	45-2	592798	589873	592949	591873	0.29	cps
Selenium	77-2	8463	8463	8576	8500	0.77	cps
Selenium	78-2	28595	28196	28578	28456	0.79	cps
Selenium	82-1	154591	155706	154646	154981	0.41	cps
Silicon	28-1	5116699	5298672	5430420	5281930	2.98	cps
Silver	109-1	9716791	9786430	9792911	9765377	0.43	cps
Silver	107-1	10290900	10224365	10271906	10262390	0.33	cps
Sodium	23-2	195237888	195946296	197068863	196084349	0.47	cps
Strontium	86-1	2342419	2334869	2344419	2340569	0.22	cps
Strontium	88-1	20511891	20545967	20551524	20536461	0.10	cps
Sulfur	34-1	1347499	1356777	1353804	1352693	0.35	cps
Terbium	159-1	23737604	23969961	23902108	23869891	0.50	cps
Terbium	159-2	10913889	10882152	10901710	10899250	0.15	cps
Thallium	203-1	7867748	7980433	7847725	7898635	0.91	cps
Thallium	205-1	18735698	18927326	18630137	18764387	0.80	cps
Thorium	232-1	29250279	29505013	29349862	29368385	0.44	cps
Tin	118-1	6560166	6562656	6606252	6576358	0.39	cps
Titanium	47-1	5084070	5073822	5113547	5090480	0.41	cps
Uranium	238-1	29040714	29078871	28997524	29039036	0.14	cps
Vanadium	51-2	2113098	2098541	2102175	2104605	0.36	cps
Yttrium	89-1	35531382	35539551	35693490	35588141	0.26	cps
Yttrium	89-2	5686850	5700401	5745862	5711038	0.54	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P7
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:13:25	DataFile Name :	019CCV_P7090319 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	987766	985918	982216	985300	0.29	cps
Zirconium	90-1	12760138	12796367	12724770	12760425	0.28	cps
Zirconium	91-1	2820739	2801773	2787920	2803477	0.59	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P7
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:23:22	DataFile Name :	021CCBE_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	75	108	83	26.46	cps
Antimony	121-1	1217	1467	1442	1375	10.01	cps
Arsenic	75-1	-54	-287	-152	-164	-71.27	cps
Barium	135-1	33	42	42	39	12.38	cps
Barium	137-1	100	100	25	75	57.74	cps
Beryllium	9-1	223	197	107	176	34.82	cps
Bismuth	209-1	15730571	15530149	15564423	15608381	0.69	cps
Bismuth	209-2	8099342	8137554	8162590	8133162	0.39	cps
Boron	11-1	16326	16218	16243	16262	0.35	cps
Boron	10-1	3551	3709	3159	3473	8.15	cps
Cadmium	106-1	17595	17870	18238	17901	1.80	cps
Cadmium	108-1	29	38	58	42	36.05	cps
Cadmium	111-1	12442	12554	12809	12601	1.49	cps
Calcium	43-1	267	200	217	228	15.23	cps
Calcium	44-1	17294	16126	15684	16368	5.08	cps
Chromium	52-2	1123	1197	1163	1161	3.16	cps
Cobalt	59-2	177	220	210	202	11.22	cps
Copper	63-2	1683	1570	1750	1668	5.46	cps
Dysprosium	156-1	33	0	17	17	100.00	cps
Dysprosium	156-2	13	20	13	16	24.76	cps
Erbium	164-2	40	60	73	58	29.04	cps
Erbium	164-1	100	117	83	100	16.66	cps
Gadolinium	160-1	167	183	250	200	22.05	cps
Gadolinium	160-2	357	373	363	364	2.30	cps
Holmium	165-1	23038251	22965265	23221960	23075159	0.57	cps
Holmium	165-2	11182713	11156964	11179511	11173063	0.13	cps
Indium	115-1	18095487	17834563	18001068	17977039	0.73	cps
Indium	115-2	3714512	3753890	3733411	3733938	0.53	cps
Iron	56-2	7019	6902	7141	7020	1.70	cps
Iron	57-2	250	322	189	254	26.31	cps
Krypton	83-1	390	357	393	380	5.34	cps
Lead	206-1	2561	2445	2489	2498	2.36	cps
Lead	207-1	2184	2128	2161	2158	1.30	cps
Lead	208-1	9229	9079	8946	9085	1.56	cps
Lithium	6-1	3448659	3388330	3421657	3419549	0.88	cps
Magnesium	24-2	1392	1200	1217	1270	8.36	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P7
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:23:22	DataFile Name :	021CCBE_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	150	137	117	134	12.48	cps
Molybdenum	94-1	967	1200	1092	1086	10.75	cps
Molybdenum	95-1	767	858	917	847	8.93	cps
Molybdenum	96-1	1008	975	1025	1003	2.54	cps
Molybdenum	97-1	608	592	500	567	10.29	cps
Molybdenum	98-1	1350	1217	1367	1311	6.27	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	7	0	13	7	99.98	cps
Nickel	60-2	213	207	183	201	7.83	cps
Phosphorus	31-2	267	233	208	236	12.39	cps
Potassium	39-2	41877	42169	41726	41924	0.54	cps
Rhodium	103-1	16704260	16596982	16720653	16673965	0.40	cps
Rhodium	103-2	8257557	8281201	8292764	8277174	0.22	cps
Scandium	45-1	10092439	10040890	10052302	10061877	0.27	cps
Scandium	45-2	570315	576496	578586	575132	0.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	44	59	54	52	14.27	cps
Selenium	82-1	-16	22	-11	-1	-1474.07	cps
Silicon	28-1	140126	137594	137771	138497	1.02	cps
Silver	109-1	433	450	467	450	3.70	cps
Silver	107-1	700	683	658	681	3.08	cps
Sodium	23-2	55043	57344	56097	56161	2.05	cps
Strontium	86-1	700	650	617	656	6.40	cps
Strontium	88-1	242	242	217	233	6.19	cps
Sulfur	34-1	608758	609645	606475	608293	0.27	cps
Terbium	159-1	24034172	23711583	23733710	23826489	0.76	cps
Terbium	159-2	11043566	11141638	11166061	11117088	0.58	cps
Thallium	203-1	2250	1759	2042	2017	12.24	cps
Thallium	205-1	4759	4601	4193	4518	6.47	cps
Thorium	232-1	4634	4295	4279	4403	4.56	cps
Tin	118-1	3217	3050	3084	3117	2.83	cps
Titanium	47-1	242	158	200	200	20.83	cps
Uranium	238-1	2825	2742	2650	2739	3.20	cps
Vanadium	51-2	7	3	13	8	65.47	cps
Yttrium	89-1	35335704	35101707	35426146	35287852	0.47	cps
Yttrium	89-2	5676410	5745746	5721026	5714394	0.61	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P7
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:23:22	DataFile Name :	021CCBE_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	900	803	877	860	5.87	cps
Zirconium	90-1	2017	2209	1892	2039	7.82	cps
Zirconium	91-1	425	333	492	417	19.08	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:26:58	DataFile Name :	022LLCC_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3884	3984	3759	3876	2.91	cps
Antimony	121-1	31018	31044	31302	31122	0.50	cps
Arsenic	75-1	4195	4659	3734	4196	11.03	cps
Barium	135-1	36900	36959	37008	36956	0.15	cps
Barium	137-1	63228	65706	64140	64358	1.95	cps
Beryllium	9-1	2807	2724	2734	2755	1.65	cps
Bismuth	209-1	15722455	15839119	15809348	15790307	0.38	cps
Bismuth	209-2	8087998	8210981	8226064	8175014	0.93	cps
Boron	11-1	60723	61041	61007	60923	0.29	cps
Boron	10-1	12898	13073	12898	12956	0.78	cps
Cadmium	106-1	18596	18263	18129	18329	1.31	cps
Cadmium	108-1	396	458	413	422	7.66	cps
Cadmium	111-1	17529	17164	17002	17232	1.57	cps
Calcium	43-1	21408	22293	22727	22142	3.04	cps
Calcium	44-1	370148	375470	367022	370880	1.15	cps
Chromium	52-2	12222	11998	11948	12056	1.21	cps
Cobalt	59-2	9076	9166	9126	9123	0.49	cps
Copper	63-2	14608	13950	13830	14129	2.96	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	17	27	20	21	24.12	cps
Erbium	164-2	67	53	53	58	13.33	cps
Erbium	164-1	75	42	100	72	40.52	cps
Gadolinium	160-1	208	217	208	211	2.28	cps
Gadolinium	160-2	327	343	280	317	10.37	cps
Holmium	165-1	23174870	23360977	23341110	23292319	0.44	cps
Holmium	165-2	11178259	11293742	11281538	11251180	0.56	cps
Indium	115-1	18162191	18166903	18162084	18163726	0.02	cps
Indium	115-2	3753329	3786548	3768054	3769310	0.44	cps
Iron	56-2	272919	275042	273049	273670	0.43	cps
Iron	57-2	6746	6780	6880	6802	1.02	cps
Krypton	83-1	360	403	447	403	10.74	cps
Lead	206-1	15704	16455	16411	16190	2.60	cps
Lead	207-1	13974	14764	14308	14349	2.76	cps
Lead	208-1	62831	65809	64584	64408	2.32	cps
Lithium	6-1	3502991	3504250	3487219	3498153	0.27	cps
Magnesium	24-2	229599	228791	229709	229367	0.22	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:26:58	DataFile Name :	022LLCC_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4061	3624	3657	3781	6.43	cps
Molybdenum	94-1	32488	31686	33106	32427	2.20	cps
Molybdenum	95-1	39999	39882	40742	40208	1.16	cps
Molybdenum	96-1	44997	44571	44671	44746	0.50	cps
Molybdenum	97-1	25515	25933	26200	25883	1.33	cps
Molybdenum	98-1	64990	66213	64539	65247	1.33	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	2567	2550	2660	2592	2.29	cps
Phosphorus	31-2	883	883	708	825	12.25	cps
Potassium	39-2	240655	241837	240324	240939	0.33	cps
Rhodium	103-1	16977467	16908023	16839970	16908486	0.41	cps
Rhodium	103-2	8272091	8323034	8317444	8304190	0.34	cps
Scandium	45-1	10235126	10278144	10191804	10235025	0.42	cps
Scandium	45-2	583624	581015	577388	580676	0.54	cps
Selenium	77-2	150	87	113	117	27.25	cps
Selenium	78-2	389	387	361	379	4.10	cps
Selenium	82-1	1830	1635	1636	1701	6.61	cps
Silicon	28-1	221945	221335	221010	221430	0.21	cps
Silver	109-1	20057	20148	19848	20018	0.77	cps
Silver	107-1	21851	21951	21934	21912	0.24	cps
Sodium	23-2	464742	467001	463545	465096	0.38	cps
Strontium	86-1	5585	5660	5635	5626	0.68	cps
Strontium	88-1	41904	42029	42656	42196	0.96	cps
Sulfur	34-1	593625	600093	590683	594800	0.81	cps
Terbium	159-1	23993015	24092484	24085309	24056936	0.23	cps
Terbium	159-2	11124779	11176329	11244513	11181874	0.54	cps
Thallium	203-1	18605	18580	18822	18669	0.71	cps
Thallium	205-1	43439	45169	43389	43999	2.30	cps
Thorium	232-1	59976	59641	59731	59783	0.29	cps
Tin	118-1	73057	72915	103155	83042	20.97	cps
Titanium	47-1	10629	10654	10788	10690	0.80	cps
Uranium	238-1	61161	61002	62099	61421	0.96	cps
Vanadium	51-2	22714	22487	22721	22641	0.59	cps
Yttrium	89-1	35976060	35996597	35806904	35926520	0.29	cps
Yttrium	89-2	5741782	5739441	5759148	5746790	0.19	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:26:58	DataFile Name :	022LLCC_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5268	4127	3540	4312	20.37	cps
Zirconium	90-1	25724	26125	26709	26186	1.89	cps
Zirconium	91-1	5902	5760	6001	5888	2.06	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	PB122782BL	Instrumnet Name :	P7
Client Sample ID :	PB122782BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:30:34	DataFile Name :	023CCBE_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	83	100	86	14.78	cps
Antimony	121-1	408	650	567	542	22.66	cps
Arsenic	75-1	-248	-331	-244	-274	-17.84	cps
Barium	135-1	25	25	42	31	31.50	cps
Barium	137-1	42	58	92	64	39.85	cps
Beryllium	9-1	147	180	183	170	11.93	cps
Bismuth	209-1	15533430	15682242	15908891	15708188	1.20	cps
Bismuth	209-2	8174692	8163008	8136483	8158061	0.24	cps
Boron	11-1	11196	10763	10704	10888	2.47	cps
Boron	10-1	2175	2025	2092	2097	3.58	cps
Cadmium	106-1	17528	17887	17770	17729	1.03	cps
Cadmium	108-1	25	58	42	42	40.00	cps
Cadmium	111-1	12344	12563	12510	12472	0.92	cps
Calcium	43-1	192	175	233	200	15.02	cps
Calcium	44-1	15767	16351	16059	16059	1.82	cps
Chromium	52-2	1180	1227	1233	1213	2.40	cps
Cobalt	59-2	180	233	220	211	13.15	cps
Copper	63-2	1423	1547	1573	1515	5.28	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	30	10	27	22	48.22	cps
Erbium	164-2	83	73	33	63	41.78	cps
Erbium	164-1	158	92	92	114	33.80	cps
Gadolinium	160-1	233	267	325	275	16.87	cps
Gadolinium	160-2	307	360	333	333	8.00	cps
Holmium	165-1	23262974	23314483	23439169	23338876	0.39	cps
Holmium	165-2	11200929	11100437	11152075	11151147	0.45	cps
Indium	115-1	18041411	18122736	18327357	18163835	0.81	cps
Indium	115-2	3750189	3698059	3767268	3738505	0.96	cps
Iron	56-2	5268	5018	5290	5192	2.91	cps
Iron	57-2	200	189	167	185	9.17	cps
Krypton	83-1	380	427	447	418	8.19	cps
Lead	206-1	1745	1650	1683	1693	2.83	cps
Lead	207-1	1672	1539	1539	1583	4.86	cps
Lead	208-1	6562	6184	6340	6362	2.99	cps
Lithium	6-1	3494413	3494144	3540767	3509775	0.76	cps
Magnesium	24-2	925	1125	1008	1020	9.85	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	PB122782BL	Instrumnet Name :	P7
Client Sample ID :	PB122782BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:30:34	DataFile Name :	023CCBE_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	123	73	123	107	27.07	cps
Molybdenum	94-1	817	900	683	800	13.66	cps
Molybdenum	95-1	400	392	375	389	3.27	cps
Molybdenum	96-1	517	533	458	503	7.83	cps
Molybdenum	97-1	342	258	267	289	15.89	cps
Molybdenum	98-1	517	508	475	500	4.41	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	7	3	17	9	78.08	cps
Nickel	60-2	230	187	223	213	10.94	cps
Phosphorus	31-2	283	225	308	272	15.71	cps
Potassium	39-2	38175	38517	38584	38425	0.57	cps
Rhodium	103-1	16695627	16795618	16907605	16799617	0.63	cps
Rhodium	103-2	8322891	8255237	8265604	8281244	0.44	cps
Scandium	45-1	10164000	10268273	10301901	10244725	0.70	cps
Scandium	45-2	575944	576186	577502	576544	0.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	56	56	54	5.98	cps
Selenium	82-1	-10	-19	-31	-20	-52.97	cps
Silicon	28-1	136231	134719	137662	136204	1.08	cps
Silver	109-1	258	300	275	278	7.55	cps
Silver	107-1	533	608	600	581	7.08	cps
Sodium	23-2	50293	49466	49851	49870	0.83	cps
Strontium	86-1	517	625	692	611	14.45	cps
Strontium	88-1	200	142	200	181	18.65	cps
Sulfur	34-1	602087	593547	595750	597128	0.74	cps
Terbium	159-1	24011850	23952732	24328658	24097747	0.84	cps
Terbium	159-2	11052691	11138447	11106342	11099160	0.39	cps
Thallium	203-1	1717	1859	1759	1778	4.09	cps
Thallium	205-1	3351	3759	3576	3562	5.74	cps
Thorium	232-1	3423	3451	3451	3441	0.47	cps
Tin	118-1	2767	2975	2542	2762	7.85	cps
Titanium	47-1	200	192	133	175	20.76	cps
Uranium	238-1	2784	2542	2692	2673	4.57	cps
Vanadium	51-2	13	13	20	16	24.76	cps
Yttrium	89-1	35206972	35731794	36100621	35679796	1.26	cps
Yttrium	89-2	5701625	5712921	5770500	5728349	0.64	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	PB122782BL	Instrumnet Name :	P7
Client Sample ID :	PB122782BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:30:34	DataFile Name :	023CCBE_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	823	730	807	787	6.33	cps
Zirconium	90-1	1825	1909	2159	1964	8.83	cps
Zirconium	91-1	350	442	342	378	14.69	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	PB122782BS	Instrumnet Name :	P7
Client Sample ID :	PB122782BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:34:10	DataFile Name :	024LCS6_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1883513	1862181	1848099	1864597	0.96	cps
Antimony	121-1	7860170	7835160	7732242	7809191	0.87	cps
Arsenic	75-1	1809390	1799428	1802142	1803653	0.29	cps
Barium	135-1	9098788	9070809	8938642	9036080	0.95	cps
Barium	137-1	15651393	15783992	15637413	15690933	0.52	cps
Beryllium	9-1	1246782	1232027	1224907	1234572	0.90	cps
Bismuth	209-1	15360932	15188901	15102381	15217404	0.86	cps
Bismuth	209-2	7726720	7757726	7668920	7717789	0.58	cps
Boron	11-1	1004043	1002470	1011641	1006051	0.49	cps
Boron	10-1	204549	206434	207329	206104	0.69	cps
Cadmium	106-1	280767	283508	281104	281793	0.53	cps
Cadmium	108-1	183915	183877	183727	183840	0.05	cps
Cadmium	111-1	2295858	2288548	2273659	2286022	0.49	cps
Calcium	43-1	2213622	2173620	2161222	2182821	1.25	cps
Calcium	44-1	36119664	36007857	35495569	35874363	0.93	cps
Chromium	52-2	2633689	2638099	2624418	2632069	0.27	cps
Cobalt	59-2	4258742	4226271	4223361	4236125	0.46	cps
Copper	63-2	5892130	5945741	5784799	5874223	1.40	cps
Dysprosium	156-1	133	192	125	150	24.22	cps
Dysprosium	156-2	180	147	107	144	25.42	cps
Erbium	164-2	53	50	70	58	18.55	cps
Erbium	164-1	108	125	75	103	24.77	cps
Gadolinium	160-1	217	242	242	233	6.19	cps
Gadolinium	160-2	363	287	350	333	12.29	cps
Holmium	165-1	23672423	23640405	23648715	23653848	0.07	cps
Holmium	165-2	11057562	11092595	10960655	11036937	0.62	cps
Indium	115-1	17656974	17507307	17458204	17540828	0.59	cps
Indium	115-2	3562077	3558058	3525500	3548545	0.57	cps
Iron	56-2	122065131	122178214	121543167	121928837	0.28	cps
Iron	57-2	2991278	2987024	2973692	2983998	0.31	cps
Krypton	83-1	440	390	350	393	11.46	cps
Lead	206-1	6983787	6961582	6864913	6936760	0.91	cps
Lead	207-1	6166273	6147019	6025792	6113028	1.25	cps
Lead	208-1	28181837	28129948	27782667	28031484	0.77	cps
Lithium	6-1	3466523	3416293	3398396	3427071	1.03	cps
Magnesium	24-2	21477767	21389722	21398295	21421928	0.23	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	PB122782BS	Instrumnet Name :	P7
Client Sample ID :	PB122782BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:34:10	DataFile Name :	024LCS6_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3427803	3413898	3386379	3409360	0.62	cps
Molybdenum	94-1	16460072	16340333	16287384	16362596	0.54	cps
Molybdenum	95-1	20830203	20636785	20483162	20650050	0.84	cps
Molybdenum	96-1	22900804	22760181	22533722	22731569	0.81	cps
Molybdenum	97-1	12946364	12873718	12708197	12842760	0.95	cps
Molybdenum	98-1	33076460	33012752	32653155	32914122	0.69	cps
Neodymium	150-1	593	780	793	722	15.48	cps
Neodymium	150-2	57	73	63	64	13.02	cps
Nickel	60-2	1085795	1085412	1083040	1084749	0.14	cps
Phosphorus	31-2	96344	96905	97318	96856	0.50	cps
Potassium	39-2	9785178	9770679	9702783	9752880	0.45	cps
Rhodium	103-1	16074777	15969730	15969947	16004818	0.38	cps
Rhodium	103-2	7720289	7701946	7644230	7688822	0.52	cps
Scandium	45-1	10146467	10067862	10028700	10081010	0.59	cps
Scandium	45-2	567507	562430	561570	563836	0.57	cps
Selenium	77-2	8723	8940	8553	8738	2.22	cps
Selenium	78-2	29469	29159	29127	29252	0.64	cps
Selenium	82-1	164324	162575	162410	163103	0.65	cps
Silicon	28-1	4861045	4874648	4904439	4880044	0.45	cps
Silver	109-1	10237806	10261559	10122327	10207230	0.73	cps
Silver	107-1	10752180	10805853	10775956	10777996	0.25	cps
Sodium	23-2	40545732	40396059	40176978	40372923	0.46	cps
Strontium	86-1	2389223	2354502	2357492	2367072	0.81	cps
Strontium	88-1	20820699	20918498	20807300	20848833	0.29	cps
Sulfur	34-1	1375924	1341934	1339856	1352571	1.50	cps
Terbium	159-1	24243124	24285055	24070119	24199432	0.47	cps
Terbium	159-2	11053764	10998104	10919244	10990371	0.62	cps
Thallium	203-1	8426873	8560532	8462532	8483312	0.82	cps
Thallium	205-1	20203499	20297921	20075063	20192161	0.55	cps
Thorium	232-1	30487620	30588381	30279703	30451901	0.52	cps
Tin	118-1	6859654	6850091	6755577	6821774	0.84	cps
Titanium	47-1	5103756	5105503	5045494	5084918	0.67	cps
Uranium	238-1	30313474	30366570	29957247	30212430	0.74	cps
Vanadium	51-2	2081576	2064292	2062614	2069494	0.51	cps
Yttrium	89-1	35618580	35382879	35348426	35449962	0.41	cps
Yttrium	89-2	5528125	5570549	5490438	5529704	0.72	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	PB122782BS	Instrumnet Name :	P7
Client Sample ID :	PB122782BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:34:10	DataFile Name :	024LCS6_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1014443	1012727	1001438	1009536	0.70	cps
Zirconium	90-1	12934938	12884815	12749814	12856522	0.74	cps
Zirconium	91-1	2853184	2824574	2815614	2831124	0.69	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4628-01	Instrumnet Name :	P7
Client Sample ID :	390828177	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:37:46	DataFile Name :	025SMPL_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6127	5935	5943	6002	1.81	cps
Antimony	121-1	4776	4684	5326	4929	7.04	cps
Arsenic	75-1	757	391	692	613	31.79	cps
Barium	135-1	37000	37359	36366	36908	1.36	cps
Barium	137-1	64392	64802	62575	63923	1.85	cps
Beryllium	9-1	307	270	343	307	11.96	cps
Bismuth	209-1	15831930	15857608	15686207	15791915	0.59	cps
Bismuth	209-2	8126402	8038053	8084166	8082874	0.55	cps
Boron	11-1	103923	104595	98731	102416	3.13	cps
Boron	10-1	20873	20748	20732	20785	0.37	cps
Cadmium	106-1	19906	19789	20507	20068	1.92	cps
Cadmium	108-1	113	75	79	89	23.12	cps
Cadmium	111-1	14227	14158	14591	14325	1.62	cps
Calcium	43-1	2981723	2974873	2979707	2978768	0.12	cps
Calcium	44-1	49125479	48798433	49036240	48986717	0.35	cps
Chromium	52-2	28732	28411	28671	28605	0.60	cps
Cobalt	59-2	7776	7816	8246	7946	3.28	cps
Copper	63-2	138060	137445	139202	138235	0.64	cps
Dysprosium	156-1	1183	1200	1375	1253	8.48	cps
Dysprosium	156-2	463	603	623	563	15.48	cps
Erbium	164-2	457	460	413	443	5.87	cps
Erbium	164-1	967	992	842	933	8.61	cps
Gadolinium	160-1	1225	1100	1067	1131	7.38	cps
Gadolinium	160-2	793	943	803	847	9.91	cps
Holmium	165-1	24417560	24656354	24322458	24465458	0.70	cps
Holmium	165-2	11582307	11603163	11681055	11622175	0.45	cps
Indium	115-1	18263479	18347336	18324262	18311692	0.24	cps
Indium	115-2	3792944	3791584	3787980	3790836	0.07	cps
Iron	56-2	101918308	100903641	100730508	101184152	0.63	cps
Iron	57-2	2468330	2489467	2491182	2482993	0.51	cps
Krypton	83-1	423	360	390	391	8.10	cps
Lead	206-1	18636	18947	18619	18734	0.99	cps
Lead	207-1	16105	16516	15843	16155	2.10	cps
Lead	208-1	73743	73936	72634	73438	0.96	cps
Lithium	6-1	3550403	3585346	3527530	3554427	0.82	cps
Magnesium	24-2	6196386	6160944	6168082	6175137	0.30	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4628-01	Instrumnet Name :	P7
Client Sample ID :	390828177	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:37:46	DataFile Name :	025SMPL_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	211956	210185	213530	211890	0.79	cps
Molybdenum	94-1	4251	4009	3851	4037	4.99	cps
Molybdenum	95-1	4576	4284	4167	4343	4.84	cps
Molybdenum	96-1	5385	4676	4526	4862	9.43	cps
Molybdenum	97-1	2775	2475	2317	2523	9.23	cps
Molybdenum	98-1	8011	6860	6310	7060	12.29	cps
Neodymium	150-1	1740	1400	1413	1518	12.69	cps
Neodymium	150-2	643	497	477	539	16.89	cps
Nickel	60-2	30582	30512	30809	30634	0.51	cps
Phosphorus	31-2	300	383	342	342	12.20	cps
Potassium	39-2	1001590	1011864	1005016	1006157	0.52	cps
Rhodium	103-1	16882924	16775100	16715009	16791011	0.51	cps
Rhodium	103-2	8233667	8195740	8292136	8240514	0.59	cps
Scandium	45-1	10582069	10546394	10586600	10571688	0.21	cps
Scandium	45-2	596141	599127	594264	596511	0.41	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	83	69	39	64	35.59	cps
Selenium	82-1	72	151	54	92	55.78	cps
Silicon	28-1	3512489	3467110	3526571	3502057	0.89	cps
Silver	109-1	1417	1475	1167	1353	12.11	cps
Silver	107-1	1617	1308	1217	1381	15.18	cps
Sodium	23-2	92420696	92158983	92118708	92232796	0.18	cps
Strontium	86-1	1921896	1901708	1894277	1905960	0.75	cps
Strontium	88-1	16815309	16875726	16792417	16827817	0.26	cps
Sulfur	34-1	1923544	1943793	1954015	1940451	0.80	cps
Terbium	159-1	25230881	25047988	24871985	25050285	0.72	cps
Terbium	159-2	11551154	11555706	11476645	11527835	0.39	cps
Thallium	203-1	3367	3309	2967	3214	6.72	cps
Thallium	205-1	7753	7102	6385	7080	9.66	cps
Thorium	232-1	9921	9698	9254	9624	3.53	cps
Tin	118-1	21459	19940	20532	20644	3.71	cps
Titanium	47-1	2492	2442	2317	2417	3.73	cps
Uranium	238-1	10279	9596	8795	9557	7.78	cps
Vanadium	51-2	833	830	820	828	0.84	cps
Yttrium	89-1	36836503	36983194	36788843	36869513	0.27	cps
Yttrium	89-2	5927694	5903397	5921411	5917500	0.21	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4628-01	Instrumnet Name :	P7
Client Sample ID :	390828177	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:37:46	DataFile Name :	025SMPL_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	66685	66454	66735	66625	0.23	cps
Zirconium	90-1	4859	4576	4384	4606	5.19	cps
Zirconium	91-1	1292	1075	900	1089	18.02	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4600-01	Instrumnet Name :	P7
Client Sample ID :	390822152	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:41:23	DataFile Name :	026SMPL_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	550	467	608	542	13.15	cps
Antimony	121-1	1342	1217	1534	1364	11.70	cps
Arsenic	75-1	9884	10162	10347	10131	2.30	cps
Barium	135-1	2217	2159	2225	2200	1.65	cps
Barium	137-1	3751	3784	3809	3781	0.77	cps
Beryllium	9-1	157	203	207	189	14.80	cps
Bismuth	209-1	14449290	14329583	14647561	14475478	1.11	cps
Bismuth	209-2	7535633	7476535	7124910	7379026	3.01	cps
Boron	11-1	2961902	3033599	3098749	3031416	2.26	cps
Boron	10-1	586662	606863	621380	604968	2.88	cps
Cadmium	106-1	18579	18463	18755	18599	0.79	cps
Cadmium	108-1	129	150	154	144	9.27	cps
Cadmium	111-1	13153	13094	13250	13165	0.60	cps
Calcium	43-1	367707	370068	371407	369727	0.51	cps
Calcium	44-1	6085635	6125203	6187155	6132665	0.83	cps
Chromium	52-2	1163	1200	1153	1172	2.10	cps
Cobalt	59-2	2527	2424	2554	2501	2.75	cps
Copper	63-2	3751	3824	3644	3739	2.42	cps
Dysprosium	156-1	33	42	17	31	41.66	cps
Dysprosium	156-2	23	20	17	20	16.65	cps
Erbium	164-2	50	87	47	61	36.32	cps
Erbium	164-1	125	167	100	131	25.80	cps
Gadolinium	160-1	175	200	325	233	34.44	cps
Gadolinium	160-2	357	300	363	340	10.24	cps
Holmium	165-1	23463601	23525917	23769234	23586251	0.68	cps
Holmium	165-2	11388944	11346366	10837290	11190867	2.74	cps
Indium	115-1	17246297	17327124	17491783	17355068	0.72	cps
Indium	115-2	3674464	3663367	3503526	3613786	2.65	cps
Iron	56-2	699961	701390	703344	701565	0.24	cps
Iron	57-2	20365	21021	21132	20839	1.99	cps
Krypton	83-1	293	430	383	369	18.83	cps
Lead	206-1	4673	4579	4745	4666	1.79	cps
Lead	207-1	4056	4095	4184	4112	1.59	cps
Lead	208-1	17822	17755	17788	17788	0.19	cps
Lithium	6-1	3337476	3349825	3345630	3344310	0.19	cps
Magnesium	24-2	541937	542769	545305	543337	0.32	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4600-01	Instrumnet Name :	P7
Client Sample ID :	390822152	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:41:23	DataFile Name :	026SMPL_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	272934	273574	277221	274576	0.84	cps
Molybdenum	94-1	93598	95576	95820	94998	1.28	cps
Molybdenum	95-1	168397	164704	168955	167352	1.38	cps
Molybdenum	96-1	178991	179710	180790	179830	0.50	cps
Molybdenum	97-1	106303	104967	105941	105737	0.65	cps
Molybdenum	98-1	266967	274462	275640	272356	1.73	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	320	273	343	312	11.42	cps
Phosphorus	31-2	250	250	233	244	3.94	cps
Potassium	39-2	234558	235759	232550	234289	0.69	cps
Rhodium	103-1	15325638	15420837	15582038	15442838	0.84	cps
Rhodium	103-2	7872332	7827683	7442431	7714149	3.06	cps
Scandium	45-1	10030872	10066553	10182966	10093464	0.79	cps
Scandium	45-2	596047	597762	567688	587166	2.88	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	41	59	56	52	18.90	cps
Selenium	82-1	87	8	-10	28	183.08	cps
Silicon	28-1	66761143	67456099	68644241	67620495	1.41	cps
Silver	109-1	525	517	433	492	10.31	cps
Silver	107-1	725	625	542	631	14.56	cps
Sodium	23-2	529572179	533524112	531282662	531459651	0.37	cps
Strontium	86-1	801858	812307	810644	808270	0.69	cps
Strontium	88-1	7134208	7187480	7230671	7184120	0.67	cps
Sulfur	34-1	25915019	26119407	26430726	26155051	0.99	cps
Terbium	159-1	24012633	24131706	24091716	24078685	0.25	cps
Terbium	159-2	11326632	11327962	10770100	11141565	2.89	cps
Thallium	203-1	1575	1533	1400	1503	6.08	cps
Thallium	205-1	3159	3267	3059	3162	3.30	cps
Thorium	232-1	5101	5373	5312	5262	2.72	cps
Tin	118-1	1959	1984	2000	1981	1.06	cps
Titanium	47-1	1875	2059	2017	1984	4.85	cps
Uranium	238-1	3984	3401	3292	3559	10.46	cps
Vanadium	51-2	457	443	403	434	6.39	cps
Yttrium	89-1	35211022	35387022	35804057	35467367	0.86	cps
Yttrium	89-2	5872574	5808110	5552053	5744245	2.95	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4600-01	Instrumnet Name :	P7
Client Sample ID :	390822152	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:41:23	DataFile Name :	026SMPL_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7765	8059	7912	7912	1.85	cps
Zirconium	90-1	2884	2792	2617	2764	4.90	cps
Zirconium	91-1	517	600	633	583	10.30	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4630-01	Instrumnet Name :	P7
Client Sample ID :	390826131	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:45:02	DataFile Name :	027SMPL_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6468	6352	6543	6454	1.50	cps
Antimony	121-1	792	800	1017	870	14.67	cps
Arsenic	75-1	600	377	174	384	55.62	cps
Barium	135-1	658990	643167	642555	648238	1.44	cps
Barium	137-1	1144587	1116277	1121969	1127611	1.33	cps
Beryllium	9-1	1243	1310	1230	1261	3.40	cps
Bismuth	209-1	16743873	16870556	16840060	16818163	0.39	cps
Bismuth	209-2	8586819	8473764	8551671	8537418	0.68	cps
Boron	11-1	155266	143216	135151	144544	7.00	cps
Boron	10-1	31225	27785	26808	28606	8.11	cps
Cadmium	106-1	20315	20007	19773	20032	1.36	cps
Cadmium	108-1	125	83	113	107	19.99	cps
Cadmium	111-1	14808	14588	14412	14603	1.36	cps
Calcium	43-1	306185	300768	302661	303205	0.91	cps
Calcium	44-1	5106077	5047597	5078706	5077460	0.58	cps
Chromium	52-2	3941	3817	3837	3865	1.71	cps
Cobalt	59-2	4377	4191	4257	4275	2.21	cps
Copper	63-2	37087	36135	36008	36410	1.62	cps
Dysprosium	156-1	6068	6068	6385	6174	2.96	cps
Dysprosium	156-2	3030	2884	2910	2941	2.66	cps
Erbium	164-2	4277	4144	4211	4211	1.58	cps
Erbium	164-1	8886	9362	9329	9192	2.89	cps
Gadolinium	160-1	7577	7636	6985	7400	4.86	cps
Gadolinium	160-2	3987	4247	4081	4105	3.21	cps
Holmium	165-1	25262938	25195682	25490263	25316294	0.61	cps
Holmium	165-2	11876323	11793453	11867138	11845638	0.38	cps
Indium	115-1	19475541	19328490	19328384	19377472	0.44	cps
Indium	115-2	3895604	3876807	3905083	3892498	0.37	cps
Iron	56-2	1020793	1003217	1000447	1008152	1.09	cps
Iron	57-2	27721	26908	28417	27682	2.73	cps
Krypton	83-1	383	460	477	440	11.31	cps
Lead	206-1	82191	80045	81951	81396	1.44	cps
Lead	207-1	67175	67443	67303	67307	0.20	cps
Lead	208-1	316023	314503	316640	315722	0.35	cps
Lithium	6-1	3686855	3656126	3667687	3670223	0.42	cps
Magnesium	24-2	3471373	3436058	3442552	3449994	0.54	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4630-01	Instrumnet Name :	P7
Client Sample ID :	390826131	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:45:02	DataFile Name :	027SMPL_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	134568	130684	131229	132160	1.59	cps
Molybdenum	94-1	1308	1108	967	1128	15.22	cps
Molybdenum	95-1	642	758	525	642	18.18	cps
Molybdenum	96-1	833	900	758	831	8.53	cps
Molybdenum	97-1	342	400	342	361	9.33	cps
Molybdenum	98-1	858	842	908	870	3.99	cps
Neodymium	150-1	6062	5701	5788	5850	3.21	cps
Neodymium	150-2	2174	2250	2170	2198	2.06	cps
Nickel	60-2	8242	8149	8246	8212	0.67	cps
Phosphorus	31-2	200	283	208	231	19.91	cps
Potassium	39-2	1287494	1253550	1278615	1273220	1.38	cps
Rhodium	103-1	17776421	17691683	17734220	17734108	0.24	cps
Rhodium	103-2	8696600	8561897	8589752	8616083	0.83	cps
Scandium	45-1	10996690	10938508	10983097	10972765	0.28	cps
Scandium	45-2	612487	601144	611668	608433	1.04	cps
Selenium	77-2	30	57	53	47	31.14	cps
Selenium	78-2	167	133	174	158	13.73	cps
Selenium	82-1	635	510	451	532	17.71	cps
Silicon	28-1	53707793	53332258	53520632	53520228	0.35	cps
Silver	109-1	350	283	333	322	10.77	cps
Silver	107-1	533	558	517	536	3.91	cps
Sodium	23-2	11846157	11755031	11718509	11773232	0.56	cps
Strontium	86-1	728070	722771	712636	721159	1.09	cps
Strontium	88-1	6450991	6378923	6371290	6400401	0.69	cps
Sulfur	34-1	1345283	1319790	1322757	1329277	1.05	cps
Terbium	159-1	25991199	25863980	25591541	25815574	0.79	cps
Terbium	159-2	11876114	11692266	11763965	11777449	0.79	cps
Thallium	203-1	1475	1458	1333	1422	5.44	cps
Thallium	205-1	2842	2725	2592	2720	4.60	cps
Thorium	232-1	3106	3167	3556	3276	7.45	cps
Tin	118-1	1658	1759	1959	1792	8.53	cps
Titanium	47-1	1358	1375	1383	1372	0.93	cps
Uranium	238-1	3051	3050	3284	3128	4.31	cps
Vanadium	51-2	167	147	117	143	17.56	cps
Yttrium	89-1	38964850	38623193	38744577	38777540	0.45	cps
Yttrium	89-2	6099595	5997539	6020112	6039082	0.89	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4630-01	Instrumnet Name :	P7
Client Sample ID :	390826131	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:45:02	DataFile Name :	027SMPL_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	39854	38494	38621	38990	1.93	cps
Zirconium	90-1	2034	2100	1917	2017	4.60	cps
Zirconium	91-1	425	392	350	389	9.66	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4632-01	Instrumnet Name :	P7
Client Sample ID :	390822075	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:48:39	DataFile Name :	028SMPL_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	144411	144997	147335	145581	1.06	cps
Antimony	121-1	567154	556243	549170	557522	1.63	cps
Arsenic	75-1	10768	10974	11128	10956	1.65	cps
Barium	135-1	191756	193462	187354	190857	1.65	cps
Barium	137-1	332823	334477	332488	333263	0.32	cps
Beryllium	9-1	537	613	517	556	9.19	cps
Bismuth	209-1	16749495	16516866	16626660	16631007	0.70	cps
Bismuth	209-2	8499484	8539576	8411594	8483551	0.77	cps
Boron	11-1	151033	146117	143031	146727	2.75	cps
Boron	10-1	29914	29922	28319	29385	3.14	cps
Cadmium	106-1	19915	19648	20040	19868	1.01	cps
Cadmium	108-1	204	233	213	217	6.93	cps
Cadmium	111-1	15764	15361	15842	15656	1.65	cps
Calcium	43-1	1342012	1332696	1319849	1331519	0.84	cps
Calcium	44-1	22296608	22062308	22129331	22162749	0.54	cps
Chromium	52-2	18141	18929	19189	18753	2.91	cps
Cobalt	59-2	13994	13536	13513	13681	1.98	cps
Copper	63-2	112202025	111742288	111596805	111847039	0.28	cps
Dysprosium	156-1	2159	2150	2400	2236	6.35	cps
Dysprosium	156-2	1017	1010	1053	1027	2.27	cps
Erbium	164-2	943	940	997	960	3.31	cps
Erbium	164-1	2025	2200	1984	2070	5.56	cps
Gadolinium	160-1	2292	2317	2484	2364	4.41	cps
Gadolinium	160-2	1320	1437	1357	1371	4.35	cps
Holmium	165-1	25334571	25176700	25145564	25218945	0.40	cps
Holmium	165-2	11948049	11930174	11897928	11925384	0.21	cps
Indium	115-1	19198441	19083200	18955808	19079150	0.64	cps
Indium	115-2	3858216	3893459	3860555	3870743	0.51	cps
Iron	56-2	6282418	6235805	6207575	6241933	0.61	cps
Iron	57-2	162523	163123	160809	162152	0.74	cps
Krypton	83-1	390	413	423	409	4.18	cps
Lead	206-1	77561427	77658530	77257616	77492524	0.27	cps
Lead	207-1	64622406	64135697	64289568	64349224	0.39	cps
Lead	208-1	301485780	299690108	301203976	300793288	0.32	cps
Lithium	6-1	3720257	3670939	3706568	3699255	0.69	cps
Magnesium	24-2	4204788	4196775	4182344	4194636	0.27	cps

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : K4632-01 Instrumnet Name : P7
 Client Sample ID : 390822075 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-03 16:48:39 DataFile Name : 028SMPL_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	104229	104262	105041	104511	0.44	cps
Molybdenum	94-1	8428	7544	7586	7853	6.35	cps
Molybdenum	95-1	7311	7427	6944	7227	3.49	cps
Molybdenum	96-1	8845	8511	8595	8650	2.01	cps
Molybdenum	97-1	4351	4443	4401	4398	1.04	cps
Molybdenum	98-1	12231	11856	13159	12415	5.40	cps
Neodymium	150-1	2280	2407	2327	2338	2.74	cps
Neodymium	150-2	853	853	870	859	1.12	cps
Nickel	60-2	110623	109649	110207	110160	0.44	cps
Phosphorus	31-2	9704	9862	10037	9868	1.69	cps
Potassium	39-2	1015755	1014696	1002469	1010973	0.73	cps
Rhodium	103-1	17793319	17692203	17624724	17703415	0.48	cps
Rhodium	103-2	8599422	8623818	8552697	8591979	0.42	cps
Scandium	45-1	11026946	10881906	10968863	10959238	0.67	cps
Scandium	45-2	608276	608411	610974	609220	0.25	cps
Selenium	77-2	17	7	7	10	57.72	cps
Selenium	78-2	83	81	67	77	11.83	cps
Selenium	82-1	119	150	100	123	20.37	cps
Silicon	28-1	48015599	47384383	46913083	47437689	1.17	cps
Silver	109-1	73173	73291	72705	73056	0.42	cps
Silver	107-1	77948	76716	76607	77090	0.97	cps
Sodium	23-2	29074328	28832617	28995507	28967484	0.43	cps
Strontium	86-1	689798	682399	683661	685286	0.58	cps
Strontium	88-1	6111922	6109656	6083566	6101715	0.26	cps
Sulfur	34-1	2099971	2074877	2063894	2079581	0.89	cps
Terbium	159-1	26164772	25622967	25775283	25854341	1.08	cps
Terbium	159-2	11827579	11823676	11823349	11824868	0.02	cps
Thallium	203-1	1767	2050	1942	1920	7.45	cps
Thallium	205-1	3951	3967	4059	3992	1.46	cps
Thorium	232-1	5729	5140	5735	5535	6.17	cps
Tin	118-1	6972945	6876690	6862104	6903913	0.87	cps
Titanium	47-1	40599	40331	41704	40878	1.78	cps
Uranium	238-1	78168	76323	75402	76631	1.84	cps
Vanadium	51-2	137111	135737	135452	136100	0.65	cps
Yttrium	89-1	38800833	38391938	38477949	38556906	0.56	cps
Yttrium	89-2	6044671	6054122	6026790	6041861	0.23	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4632-01	Instrumnet Name :	P7
Client Sample ID :	390822075	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:48:39	DataFile Name :	028SMPL_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2622786	2617164	2598745	2612899	0.48	cps
Zirconium	90-1	11207	11013	11556	11259	2.45	cps
Zirconium	91-1	2517	2217	2359	2364	6.35	cps

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : K4615-01 Instrumnet Name : P7
 Client Sample ID : NR-KIT-TAP-NEW-FILTE Dilution Factor : 1
 Date & Time Acquired :: 2019-09-03 16:52:16 DataFile Name : 029SMPL_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	333	250	475	353	32.25	cps
Antimony	121-1	750	808	1033	864	17.32	cps
Arsenic	75-1	433	297	65	265	70.23	cps
Barium	135-1	558	500	483	514	7.66	cps
Barium	137-1	1042	908	1200	1050	13.91	cps
Beryllium	9-1	187	130	167	161	17.84	cps
Bismuth	209-1	16186544	16165210	16046125	16132626	0.47	cps
Bismuth	209-2	8352363	8071577	8111970	8178637	1.86	cps
Boron	11-1	52592	49917	49097	50535	3.62	cps
Boron	10-1	11155	9937	9829	10307	7.14	cps
Cadmium	106-1	18780	17762	18747	18429	3.14	cps
Cadmium	108-1	75	33	46	51	41.61	cps
Cadmium	111-1	13160	12477	13166	12934	3.06	cps
Calcium	43-1	2467	2692	2734	2631	5.45	cps
Calcium	44-1	103251	105097	103511	103953	0.96	cps
Chromium	52-2	1800	1850	1970	1873	4.66	cps
Cobalt	59-2	157	150	163	157	4.26	cps
Copper	63-2	268505	263729	265362	265866	0.91	cps
Dysprosium	156-1	542	467	525	511	7.70	cps
Dysprosium	156-2	277	233	277	262	9.54	cps
Erbium	164-2	293	253	280	276	7.39	cps
Erbium	164-1	517	533	442	497	9.82	cps
Gadolinium	160-1	717	742	808	756	6.27	cps
Gadolinium	160-2	697	603	647	649	7.20	cps
Holmium	165-1	24646272	24635811	24158622	24480235	1.14	cps
Holmium	165-2	11577293	11434739	11418408	11476813	0.76	cps
Indium	115-1	18614536	18737034	18359659	18570410	1.04	cps
Indium	115-2	3762139	3727752	3700252	3730048	0.83	cps
Iron	56-2	37126	35098	15148	29124	41.70	cps
Iron	57-2	1145	478	467	697	55.77	cps
Krypton	83-1	357	427	347	377	11.57	cps
Lead	206-1	9365	7997	7047	8136	14.32	cps
Lead	207-1	8242	6841	5990	7024	16.18	cps
Lead	208-1	35886	30715	26678	31093	14.85	cps
Lithium	6-1	3607105	3608813	3509802	3575240	1.59	cps
Magnesium	24-2	12506	12539	12723	12589	0.93	cps

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : K4615-01 Instrumnet Name : P7
 Client Sample ID : NR-KIT-TAP-NEW-FILTE Dilution Factor : 1
 Date & Time Acquired :: 2019-09-03 16:52:16 DataFile Name : 029SMPL_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1410	1337	1363	1370	2.71	cps
Molybdenum	94-1	1017	1317	1175	1170	12.83	cps
Molybdenum	95-1	892	942	1025	953	7.07	cps
Molybdenum	96-1	967	1083	1150	1067	8.70	cps
Molybdenum	97-1	725	567	617	636	12.72	cps
Molybdenum	98-1	1517	1383	1367	1422	5.78	cps
Neodymium	150-1	1087	1113	1007	1069	5.19	cps
Neodymium	150-2	390	333	377	367	8.08	cps
Nickel	60-2	430	430	463	441	4.36	cps
Phosphorus	31-2	3842	3967	3634	3815	4.42	cps
Potassium	39-2	56074	55086	55655	55605	0.89	cps
Rhodium	103-1	16967360	17100284	16799031	16955558	0.89	cps
Rhodium	103-2	8292864	8175684	8173704	8214084	0.83	cps
Scandium	45-1	10504389	10532061	10403393	10479948	0.65	cps
Scandium	45-2	582505	577264	576841	578870	0.55	cps
Selenium	77-2	30	3	3	12	126.01	cps
Selenium	78-2	106	102	131	113	14.29	cps
Selenium	82-1	499	436	545	493	11.03	cps
Silicon	28-1	79762633	79419091	79798877	79660200	0.26	cps
Silver	109-1	267	342	233	281	19.78	cps
Silver	107-1	550	483	633	556	13.53	cps
Sodium	23-2	61541439	61504991	61480185	61508872	0.05	cps
Strontium	86-1	1525	1358	1333	1406	7.41	cps
Strontium	88-1	7694	7336	7210	7413	3.39	cps
Sulfur	34-1	1229231	1210782	1215247	1218420	0.79	cps
Terbium	159-1	25183245	25387436	24948938	25173206	0.87	cps
Terbium	159-2	11566240	11346938	11366526	11426568	1.06	cps
Thallium	203-1	1058	1033	1033	1042	1.39	cps
Thallium	205-1	2075	1909	1867	1950	5.65	cps
Thorium	232-1	3034	2706	2728	2823	6.49	cps
Tin	118-1	5368	5210	5726	5435	4.87	cps
Titanium	47-1	2642	2475	2550	2556	3.27	cps
Uranium	238-1	8595	8645	8070	8436	3.78	cps
Vanadium	51-2	410	330	400	380	11.47	cps
Yttrium	89-1	37160654	37147751	36850075	37052827	0.47	cps
Yttrium	89-2	5827593	5753601	5698121	5759772	1.13	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4615-01	Instrumnet Name :	P7
Client Sample ID :	NR-KIT-TAP-NEW-FILTE	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:52:16	DataFile Name :	029SMPL_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	245024	249300	247346	247223	0.87	cps
Zirconium	90-1	2217	2192	2150	2186	1.54	cps
Zirconium	91-1	383	425	383	397	6.06	cps

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : K4615-01DUP Instrumnet Name : P7
 Client Sample ID : NR-KIT-TAP-NEW-FILTE Dilution Factor : 1
 Date & Time Acquired :: 2019-09-03 16:55:54 DataFile Name : 030SMPL_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	400	342	333	358	10.14	cps
Antimony	121-1	367	483	492	447	15.63	cps
Arsenic	75-1	160	693	369	407	66.01	cps
Barium	135-1	550	642	700	631	11.99	cps
Barium	137-1	950	817	808	858	9.26	cps
Beryllium	9-1	183	143	167	164	12.22	cps
Bismuth	209-1	16167301	15837973	15905191	15970155	1.09	cps
Bismuth	209-2	8185657	8128288	8211281	8175075	0.52	cps
Boron	11-1	36470	36537	34666	35891	2.96	cps
Boron	10-1	7369	7611	6860	7280	5.26	cps
Cadmium	106-1	18446	19389	17495	18443	5.14	cps
Cadmium	108-1	79	29	33	47	58.75	cps
Cadmium	111-1	12899	13594	12277	12923	5.10	cps
Calcium	43-1	2567	2309	2659	2511	7.23	cps
Calcium	44-1	101514	100616	100407	100845	0.58	cps
Chromium	52-2	2027	2010	1843	1960	5.17	cps
Cobalt	59-2	117	160	137	138	15.74	cps
Copper	63-2	259402	260511	260611	260175	0.26	cps
Dysprosium	156-1	383	592	600	525	23.38	cps
Dysprosium	156-2	283	290	303	292	3.48	cps
Erbium	164-2	230	243	287	253	11.69	cps
Erbium	164-1	500	458	408	456	10.07	cps
Gadolinium	160-1	767	800	608	725	14.13	cps
Gadolinium	160-2	560	577	567	568	1.48	cps
Holmium	165-1	24579315	24245239	23881221	24235258	1.44	cps
Holmium	165-2	11600229	11466017	11441644	11502630	0.74	cps
Indium	115-1	18518004	18256442	18193573	18322673	0.94	cps
Indium	115-2	3726925	3717187	3712981	3719031	0.19	cps
Iron	56-2	14124	14270	15540	14645	5.32	cps
Iron	57-2	411	339	428	393	12.04	cps
Krypton	83-1	427	440	377	414	8.06	cps
Lead	206-1	4790	4195	4006	4330	9.44	cps
Lead	207-1	4201	3856	3562	3873	8.26	cps
Lead	208-1	18850	16994	15704	17183	9.20	cps
Lithium	6-1	3512032	3496979	3474433	3494481	0.54	cps
Magnesium	24-2	12556	12472	12464	12497	0.41	cps

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : K4615-01DUP Instrumnet Name : P7
 Client Sample ID : NR-KIT-TAP-NEW-FILTE Dilution Factor : 1
 Date & Time Acquired :: 2019-09-03 16:55:54 DataFile Name : 030SMPL_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1243	1297	1303	1281	2.57	cps
Molybdenum	94-1	1075	1117	1158	1117	3.73	cps
Molybdenum	95-1	875	700	850	808	11.71	cps
Molybdenum	96-1	1142	875	1217	1078	16.66	cps
Molybdenum	97-1	558	500	600	553	9.09	cps
Molybdenum	98-1	1275	1250	1300	1275	1.96	cps
Neodymium	150-1	1180	1007	1027	1071	8.85	cps
Neodymium	150-2	447	403	403	418	5.99	cps
Nickel	60-2	393	503	443	447	12.33	cps
Phosphorus	31-2	3784	3526	3567	3626	3.83	cps
Potassium	39-2	54434	53723	54602	54253	0.86	cps
Rhodium	103-1	16925341	16762345	16638526	16775404	0.86	cps
Rhodium	103-2	8236528	8188606	8177305	8200813	0.38	cps
Scandium	45-1	10449021	10321166	10221729	10330639	1.10	cps
Scandium	45-2	577018	579546	576220	577595	0.30	cps
Selenium	77-2	27	27	17	23	24.74	cps
Selenium	78-2	100	124	106	110	11.47	cps
Selenium	82-1	408	397	451	418	6.75	cps
Silicon	28-1	79575283	78471275	78126787	78724448	0.96	cps
Silver	109-1	225	383	225	278	32.91	cps
Silver	107-1	475	592	442	503	15.67	cps
Sodium	23-2	60889891	60774237	60605158	60756428	0.24	cps
Strontium	86-1	1283	1300	1217	1267	3.48	cps
Strontium	88-1	7135	6835	7277	7083	3.19	cps
Sulfur	34-1	1206207	1202677	1192269	1200384	0.60	cps
Terbium	159-1	25106041	24663010	24605519	24791524	1.10	cps
Terbium	159-2	11421618	11400824	11344356	11388933	0.35	cps
Thallium	203-1	833	1042	875	917	12.03	cps
Thallium	205-1	1767	1567	1458	1597	9.79	cps
Thorium	232-1	2750	2584	2539	2624	4.24	cps
Tin	118-1	2317	2500	2709	2509	7.81	cps
Titanium	47-1	2609	2400	3751	2920	24.90	cps
Uranium	238-1	8562	8220	8528	8436	2.23	cps
Vanadium	51-2	330	307	437	358	19.37	cps
Yttrium	89-1	36779823	36595103	36379867	36584931	0.55	cps
Yttrium	89-2	5781080	5760040	5770017	5770379	0.18	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4615-01DUP	Instrumnet Name :	P7
Client Sample ID :	NR-KIT-TAP-NEW-FILTE	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 16:55:54	DataFile Name :	030SMPL_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	247215	247421	245516	246717	0.42	cps
Zirconium	90-1	1984	2275	2209	2156	7.09	cps
Zirconium	91-1	342	342	358	347	2.77	cps

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : K4615-01LX5 Instrumnet Name : P7
 Client Sample ID : NR-KIT-TAP-NEW-FILTE Dilution Factor : 5
 Date & Time Acquired :: 2019-09-03 16:59:29 DataFile Name : 031SMPL_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	158	100	142	25.64	cps
Antimony	121-1	442	400	500	447	11.23	cps
Arsenic	75-1	77	46	153	92	60.12	cps
Barium	135-1	158	142	167	156	8.19	cps
Barium	137-1	267	275	183	242	20.98	cps
Beryllium	9-1	153	137	170	153	10.87	cps
Bismuth	209-1	15665203	15641501	15848616	15718440	0.72	cps
Bismuth	209-2	8131871	8184511	8183722	8166701	0.37	cps
Boron	11-1	27509	26173	26992	26892	2.50	cps
Boron	10-1	5501	5576	5143	5407	4.28	cps
Cadmium	106-1	17879	19347	18905	18710	4.03	cps
Cadmium	108-1	58	38	79	58	35.72	cps
Cadmium	111-1	12533	13571	13249	13117	4.05	cps
Calcium	43-1	625	1033	958	872	24.92	cps
Calcium	44-1	34851	35669	36479	35666	2.28	cps
Chromium	52-2	1313	1297	1343	1318	1.80	cps
Cobalt	59-2	80	80	113	91	21.13	cps
Copper	63-2	52905	53391	52588	52961	0.76	cps
Dysprosium	156-1	100	83	133	106	24.12	cps
Dysprosium	156-2	83	90	57	77	23.00	cps
Erbium	164-2	80	73	77	77	4.34	cps
Erbium	164-1	208	200	92	167	39.05	cps
Gadolinium	160-1	258	400	275	311	24.89	cps
Gadolinium	160-2	377	327	387	363	8.85	cps
Holmium	165-1	23454718	23384465	23448189	23429124	0.17	cps
Holmium	165-2	11276962	11249342	11200926	11242410	0.34	cps
Indium	115-1	17980078	17989235	17944103	17971139	0.13	cps
Indium	115-2	3636289	3654254	3669305	3653283	0.45	cps
Iron	56-2	7174	6818	7658	7217	5.84	cps
Iron	57-2	233	217	200	217	7.69	cps
Krypton	83-1	277	357	447	360	23.63	cps
Lead	206-1	2406	2506	2278	2397	4.76	cps
Lead	207-1	2195	2284	2178	2219	2.56	cps
Lead	208-1	9201	9407	8740	9116	3.75	cps
Lithium	6-1	3354170	3377293	3371886	3367783	0.36	cps
Magnesium	24-2	3309	3601	3542	3484	4.43	cps

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : K4615-01LX5 Instrumnet Name : P7
 Client Sample ID : NR-KIT-TAP-NEW-FILTE Dilution Factor : 5
 Date & Time Acquired :: 2019-09-03 16:59:29 DataFile Name : 031SMPL_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	390	363	377	377	3.54	cps
Molybdenum	94-1	800	792	717	770	5.97	cps
Molybdenum	95-1	267	308	392	322	19.75	cps
Molybdenum	96-1	592	542	508	547	7.66	cps
Molybdenum	97-1	183	258	258	233	18.56	cps
Molybdenum	98-1	775	525	492	597	25.93	cps
Neodymium	150-1	267	207	253	242	13.01	cps
Neodymium	150-2	73	87	130	97	30.65	cps
Nickel	60-2	233	270	260	254	7.45	cps
Phosphorus	31-2	942	950	1058	983	6.62	cps
Potassium	39-2	40757	40523	41250	40844	0.91	cps
Rhodium	103-1	16597634	16554711	16611424	16587923	0.18	cps
Rhodium	103-2	8097215	8125774	8123678	8115556	0.20	cps
Scandium	45-1	9985841	9985584	9984990	9985472	0.00	cps
Scandium	45-2	562546	560110	566240	562965	0.55	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	56	63	65	61	8.02	cps
Selenium	82-1	201	121	-20	101	110.69	cps
Silicon	28-1	15234949	15302907	15228666	15255508	0.27	cps
Silver	109-1	250	317	242	269	15.26	cps
Silver	107-1	442	608	558	536	15.95	cps
Sodium	23-2	11901240	11783894	11882116	11855750	0.53	cps
Strontium	86-1	792	858	683	778	11.36	cps
Strontium	88-1	1734	1767	1550	1684	6.93	cps
Sulfur	34-1	710617	712679	713411	712236	0.20	cps
Terbium	159-1	24163472	24222151	24339356	24241660	0.37	cps
Terbium	159-2	11180762	11128160	11146349	11151757	0.24	cps
Thallium	203-1	1208	858	975	1014	17.58	cps
Thallium	205-1	2142	1750	2034	1975	10.24	cps
Thorium	232-1	2689	3178	2945	2937	8.33	cps
Tin	118-1	3000	3050	3025	3025	0.83	cps
Titanium	47-1	717	708	767	731	4.32	cps
Uranium	238-1	3651	3809	3559	3673	3.44	cps
Vanadium	51-2	67	60	93	73	24.06	cps
Yttrium	89-1	35513104	35406407	35647229	35522247	0.34	cps
Yttrium	89-2	5593903	5600266	5626914	5607028	0.31	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4615-01LX5	Instrumnet Name :	P7
Client Sample ID :	NR-KIT-TAP-NEW-FILTE	Dilution Factor :	5
Date & Time Acquired ::	2019-09-03 16:59:29	DataFile Name :	031SMPL_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	47631	48193	48735	48186	1.15	cps
Zirconium	90-1	1825	1784	1750	1786	2.10	cps
Zirconium	91-1	350	292	283	308	11.78	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P7
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:05:21	DataFile Name :	032CCV_P7090319 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10040487	9962802	10070002	10024430	0.55	cps
Antimony	121-1	7562824	7485469	7523387	7523893	0.51	cps
Arsenic	75-1	1655408	1641797	1652312	1649839	0.43	cps
Barium	135-1	8602016	8574831	8599744	8592197	0.18	cps
Barium	137-1	14924343	14888788	14999864	14937665	0.38	cps
Beryllium	9-1	1152486	1154281	1159125	1155297	0.30	cps
Bismuth	209-1	14075441	14008250	13543737	13875809	2.09	cps
Bismuth	209-2	7067403	7122459	7120401	7103421	0.44	cps
Boron	11-1	958152	973597	991096	974282	1.69	cps
Boron	10-1	195542	198990	202461	198998	1.74	cps
Cadmium	106-1	284230	283736	280807	282924	0.65	cps
Cadmium	108-1	182313	182567	184370	183083	0.61	cps
Cadmium	111-1	2302445	2300813	2288656	2297305	0.33	cps
Calcium	43-1	10115948	10128522	10173583	10139351	0.30	cps
Calcium	44-1	164337683	165594512	164486254	164806150	0.42	cps
Chromium	52-2	2592936	2610558	2614448	2605981	0.44	cps
Cobalt	59-2	4060154	4042806	4053710	4052223	0.22	cps
Copper	63-2	6197166	6227976	6236739	6220627	0.33	cps
Dysprosium	156-1	158	183	175	172	7.39	cps
Dysprosium	156-2	180	180	163	174	5.51	cps
Erbium	164-2	67	83	50	67	25.00	cps
Erbium	164-1	125	133	150	136	9.35	cps
Gadolinium	160-1	167	233	283	228	25.70	cps
Gadolinium	160-2	333	313	333	327	3.53	cps
Holmium	165-1	23065726	22980932	22291139	22779266	1.87	cps
Holmium	165-2	10776516	10878338	10903162	10852672	0.62	cps
Indium	115-1	16784497	16514975	15940120	16413197	2.63	cps
Indium	115-2	3426436	3427005	3415659	3423033	0.19	cps
Iron	56-2	579298791	583902458	585537546	582912932	0.55	cps
Iron	57-2	14405917	14401967	14473097	14426994	0.28	cps
Krypton	83-1	420	440	407	422	3.97	cps
Lead	206-1	6288066	6292928	6313249	6298081	0.21	cps
Lead	207-1	5649076	5587194	5632834	5623034	0.57	cps
Lead	208-1	25893357	25676611	25915841	25828603	0.51	cps
Lithium	6-1	3276062	3263635	3175923	3238540	1.69	cps
Magnesium	24-2	101535752	100558388	101190981	101095040	0.49	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P7
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:05:21	DataFile Name :	032CCV_P7090319 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3278453	3286685	3314925	3293354	0.58	cps
Molybdenum	94-1	15771113	15608486	15774571	15718057	0.60	cps
Molybdenum	95-1	19835087	19712396	19821521	19789668	0.34	cps
Molybdenum	96-1	21840771	21882442	22149094	21957436	0.76	cps
Molybdenum	97-1	12288003	12381652	12445510	12371722	0.64	cps
Molybdenum	98-1	31675600	31604138	31826624	31702121	0.36	cps
Neodymium	150-1	720	693	727	713	2.47	cps
Neodymium	150-2	80	103	110	98	16.11	cps
Nickel	60-2	1027014	1031813	1028020	1028949	0.25	cps
Phosphorus	31-2	93694	92972	94650	93772	0.90	cps
Potassium	39-2	48244129	48186163	48799772	48410021	0.70	cps
Rhodium	103-1	14856041	14882247	14406259	14714849	1.82	cps
Rhodium	103-2	7247906	7264370	7234335	7248871	0.21	cps
Scandium	45-1	9829154	9762277	9488497	9693309	1.86	cps
Scandium	45-2	573787	571933	574843	573521	0.26	cps
Selenium	77-2	8726	8459	8553	8579	1.58	cps
Selenium	78-2	27901	28291	28710	28300	1.43	cps
Selenium	82-1	152328	152036	152791	152385	0.25	cps
Silicon	28-1	4899293	5054445	5138587	5030775	2.41	cps
Silver	109-1	9710808	9659823	9714184	9694938	0.31	cps
Silver	107-1	10131337	10236327	10161751	10176472	0.53	cps
Sodium	23-2	192760604	193332408	194845950	193646321	0.56	cps
Strontium	86-1	2278141	2250618	2263493	2264084	0.61	cps
Strontium	88-1	20136144	19931622	20121278	20063015	0.57	cps
Sulfur	34-1	1368397	1365777	1372717	1368964	0.26	cps
Terbium	159-1	23473053	23555270	22765480	23264601	1.87	cps
Terbium	159-2	10853602	10820499	10814068	10829389	0.20	cps
Thallium	203-1	7840207	7838548	7894990	7857915	0.41	cps
Thallium	205-1	18748995	18632696	18945043	18775578	0.84	cps
Thorium	232-1	29238915	29234991	29320915	29264940	0.17	cps
Tin	118-1	6463477	6362867	6415348	6413897	0.78	cps
Titanium	47-1	4886052	4887491	4911787	4895110	0.30	cps
Uranium	238-1	28668949	28726807	28851699	28749151	0.32	cps
Vanadium	51-2	2038013	2040399	2051825	2043412	0.36	cps
Yttrium	89-1	34601839	34352632	33373015	34109162	1.90	cps
Yttrium	89-2	5541218	5563950	5545085	5550084	0.22	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P7
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:05:21	DataFile Name :	032CCV_P7090319 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	966690	972620	969470	969594	0.31	cps
Zirconium	90-1	12401044	12366038	12452375	12406486	0.35	cps
Zirconium	91-1	2734417	2697537	2706352	2712769	0.71	cps

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : CCB96 Instrumnet Name : P7
 Client Sample ID : CCB96 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-03 17:10:45 DataFile Name : 033CCBE_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	358	225	300	294	22.70	cps
Antimony	121-1	4026	4034	4167	4076	1.95	cps
Arsenic	75-1	-140	-256	-302	-233	-35.87	cps
Barium	135-1	233	208	167	203	16.61	cps
Barium	137-1	242	308	308	286	13.45	cps
Beryllium	9-1	223	240	207	223	7.46	cps
Bismuth	209-1	15602650	15840266	15842029	15761648	0.87	cps
Bismuth	209-2	8256663	8229400	8148084	8211382	0.69	cps
Boron	11-1	34766	34966	33730	34487	1.92	cps
Boron	10-1	6610	7402	6877	6963	5.79	cps
Cadmium	106-1	17303	18229	18571	18034	3.64	cps
Cadmium	108-1	71	38	88	65	39.00	cps
Cadmium	111-1	12225	12893	13068	12728	3.49	cps
Calcium	43-1	433	408	350	397	10.77	cps
Calcium	44-1	18154	18479	18779	18471	1.69	cps
Chromium	52-2	1277	1060	1290	1209	10.68	cps
Cobalt	59-2	213	283	177	224	24.15	cps
Copper	63-2	1723	1773	1793	1763	2.05	cps
Dysprosium	156-1	0	25	42	22	94.38	cps
Dysprosium	156-2	13	10	7	10	33.30	cps
Erbium	164-2	73	50	43	56	28.36	cps
Erbium	164-1	125	83	142	117	25.75	cps
Gadolinium	160-1	175	167	158	167	5.00	cps
Gadolinium	160-2	387	357	303	349	12.10	cps
Holmium	165-1	23144220	23435483	23548214	23375972	0.89	cps
Holmium	165-2	11336099	11283162	11111663	11243641	1.04	cps
Indium	115-1	17980082	17981984	17971184	17977750	0.03	cps
Indium	115-2	3691269	3681507	3639340	3670705	0.75	cps
Iron	56-2	18173	18056	18907	18379	2.51	cps
Iron	57-2	483	511	456	483	5.75	cps
Krypton	83-1	360	370	397	376	5.05	cps
Lead	206-1	1772	1839	1672	1761	4.76	cps
Lead	207-1	1734	1683	1528	1648	6.50	cps
Lead	208-1	6806	6851	6251	6636	5.04	cps
Lithium	6-1	3378584	3415834	3402481	3398966	0.56	cps
Magnesium	24-2	3042	2892	3109	3014	3.68	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P7
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:10:45	DataFile Name :	033CCBE_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	183	190	127	167	20.88	cps
Molybdenum	94-1	1825	2000	1700	1842	8.18	cps
Molybdenum	95-1	1709	2000	1950	1886	8.27	cps
Molybdenum	96-1	2184	2259	2067	2170	4.45	cps
Molybdenum	97-1	1200	1217	1017	1145	9.70	cps
Molybdenum	98-1	3084	3059	2775	2973	5.76	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	220	173	197	197	11.86	cps
Phosphorus	31-2	258	275	225	253	10.07	cps
Potassium	39-2	43122	43941	43565	43543	0.94	cps
Rhodium	103-1	16427367	16654163	16632050	16571193	0.75	cps
Rhodium	103-2	8299773	8164033	8097035	8186947	1.26	cps
Scandium	45-1	9929472	10028817	10025011	9994433	0.56	cps
Scandium	45-2	571481	564768	564608	566952	0.69	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	39	61	54	51	22.08	cps
Selenium	82-1	10	13	-35	-4	-679.45	cps
Silicon	28-1	157024	157143	157192	157120	0.06	cps
Silver	109-1	442	408	600	483	21.19	cps
Silver	107-1	825	717	767	770	7.05	cps
Sodium	23-2	75440	75993	74545	75326	0.97	cps
Strontium	86-1	683	533	708	642	14.75	cps
Strontium	88-1	500	600	592	564	9.84	cps
Sulfur	34-1	613612	618529	612328	614823	0.53	cps
Terbium	159-1	23735518	24185301	23930553	23950457	0.94	cps
Terbium	159-2	11214683	11269765	10966282	11150243	1.45	cps
Thallium	203-1	2059	2150	2050	2086	2.66	cps
Thallium	205-1	4801	4384	4418	4534	5.11	cps
Thorium	232-1	6741	6118	6985	6615	6.76	cps
Tin	118-1	3842	3734	3942	3840	2.71	cps
Titanium	47-1	292	275	275	281	3.43	cps
Uranium	238-1	3401	3251	3059	3237	5.29	cps
Vanadium	51-2	57	40	67	54	24.75	cps
Yttrium	89-1	35021489	35467939	35455607	35315012	0.72	cps
Yttrium	89-2	5725971	5615291	5619563	5653608	1.11	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P7
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:10:45	DataFile Name :	033CCBE_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	773	743	830	782	5.63	cps
Zirconium	90-1	2500	2717	2884	2700	7.12	cps
Zirconium	91-1	475	442	600	506	16.51	cps

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2019-09-03 17:14:20 DataFile Name : 034LLCC_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3476	3584	3776	3612	4.21	cps
Antimony	121-1	29482	29515	31119	30039	3.11	cps
Arsenic	75-1	3616	3553	4283	3817	10.60	cps
Barium	135-1	34185	34695	35948	34942	2.60	cps
Barium	137-1	60976	61596	61630	61401	0.60	cps
Beryllium	9-1	2587	2530	2457	2525	2.58	cps
Bismuth	209-1	15393205	15910007	17341173	16214795	6.22	cps
Bismuth	209-2	8164401	8213048	8147236	8174895	0.42	cps
Boron	11-1	69561	70691	70230	70161	0.81	cps
Boron	10-1	14391	15225	14841	14819	2.82	cps
Cadmium	106-1	18446	18187	21008	19214	8.12	cps
Cadmium	108-1	342	463	404	403	15.00	cps
Cadmium	111-1	17232	16862	18815	17637	5.88	cps
Calcium	43-1	21241	21491	21575	21436	0.81	cps
Calcium	44-1	350451	357966	351354	353257	1.16	cps
Chromium	52-2	11865	11681	11838	11795	0.84	cps
Cobalt	59-2	8793	8703	8659	8718	0.78	cps
Copper	63-2	13823	13506	13737	13689	1.20	cps
Dysprosium	156-1	25	33	8	22	57.30	cps
Dysprosium	156-2	30	20	13	21	39.75	cps
Erbium	164-2	43	53	40	46	15.23	cps
Erbium	164-1	100	125	83	103	20.40	cps
Gadolinium	160-1	208	133	300	214	39.03	cps
Gadolinium	160-2	330	273	353	319	12.90	cps
Holmium	165-1	22692331	23257995	25574731	23841686	6.41	cps
Holmium	165-2	11124195	11213116	11151851	11163054	0.41	cps
Indium	115-1	17645518	17835543	19866773	18449278	6.67	cps
Indium	115-2	3644630	3696468	3693234	3678111	0.79	cps
Iron	56-2	263846	261078	262275	262400	0.53	cps
Iron	57-2	7035	6574	6830	6813	3.39	cps
Krypton	83-1	400	350	367	372	6.84	cps
Lead	206-1	15064	15048	14731	14948	1.26	cps
Lead	207-1	13062	13207	13457	13242	1.51	cps
Lead	208-1	60784	60595	59882	60420	0.79	cps
Lithium	6-1	3316196	3405078	3754059	3491778	6.63	cps
Magnesium	24-2	220119	220396	220565	220360	0.10	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:14:20	DataFile Name :	034LLCC_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3600	3777	3821	3733	3.12	cps
Molybdenum	94-1	30734	31553	30333	30873	2.01	cps
Molybdenum	95-1	38703	38912	40174	39263	2.03	cps
Molybdenum	96-1	43693	43760	43518	43657	0.29	cps
Molybdenum	97-1	23746	24080	24756	24194	2.13	cps
Molybdenum	98-1	61626	63601	63752	62993	1.88	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	2407	2490	2494	2464	1.99	cps
Phosphorus	31-2	883	800	708	797	10.98	cps
Potassium	39-2	231817	232224	233771	232604	0.44	cps
Rhodium	103-1	16156253	16532708	18334602	17007855	6.85	cps
Rhodium	103-2	8119079	8230977	8154190	8168082	0.70	cps
Scandium	45-1	9702076	9974787	11057949	10244938	7.00	cps
Scandium	45-2	562752	570043	566788	566528	0.64	cps
Selenium	77-2	77	93	100	90	13.35	cps
Selenium	78-2	339	369	409	372	9.49	cps
Selenium	82-1	1661	1713	1696	1690	1.59	cps
Silicon	28-1	234650	227987	229573	230737	1.51	cps
Silver	109-1	19689	20157	19481	19776	1.75	cps
Silver	107-1	21066	20624	20883	20858	1.07	cps
Sodium	23-2	462139	461172	461973	461762	0.11	cps
Strontium	86-1	5001	4793	5701	5165	9.22	cps
Strontium	88-1	39865	40090	38745	39567	1.82	cps
Sulfur	34-1	624825	611190	609699	615238	1.35	cps
Terbium	159-1	23217850	23846376	26212324	24425517	6.46	cps
Terbium	159-2	11069560	11223699	11015782	11103014	0.97	cps
Thallium	203-1	18038	17579	17913	17843	1.33	cps
Thallium	205-1	42151	41040	42068	41753	1.48	cps
Thorium	232-1	58097	58190	58308	58198	0.18	cps
Tin	118-1	68980	70837	70218	70011	1.35	cps
Titanium	47-1	10137	9595	10321	10018	3.77	cps
Uranium	238-1	57235	57227	57528	57330	0.30	cps
Vanadium	51-2	21483	21556	21853	21631	0.91	cps
Yttrium	89-1	34513613	35247894	38817136	36192881	6.36	cps
Yttrium	89-2	5609632	5664830	5620290	5631584	0.52	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:14:20	DataFile Name :	034LLCC_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2977	3104	3354	3145	6.10	cps
Zirconium	90-1	25749	26283	25223	25752	2.06	cps
Zirconium	91-1	5109	5510	5485	5368	4.18	cps

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : K4615-01MS Instrumnet Name : P7
 Client Sample ID : NR-KIT-TAP-NEW-FILTE Dilution Factor : 1
 Date & Time Acquired :: 2019-09-03 17:17:56 DataFile Name : 035SMPL_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	366367	373896	371915	370726	1.05	cps
Antimony	121-1	13052616	13209929	13145555	13136033	0.60	cps
Arsenic	75-1	3246568	3208900	3247988	3234485	0.69	cps
Barium	135-1	745240	753120	750667	749676	0.54	cps
Barium	137-1	1315932	1307449	1321712	1315031	0.55	cps
Beryllium	9-1	525068	520292	521474	522278	0.48	cps
Bismuth	209-1	16022714	16080635	16135428	16079592	0.35	cps
Bismuth	209-2	8186432	8233138	8168955	8196175	0.40	cps
Boron	11-1	632142	640979	645727	639616	1.08	cps
Boron	10-1	128658	131435	133688	131260	1.92	cps
Cadmium	106-1	103795	101193	103703	102897	1.43	cps
Cadmium	108-1	65074	64052	66011	65046	1.51	cps
Cadmium	111-1	970445	960896	970356	967232	0.57	cps
Calcium	43-1	52853	51884	53314	52684	1.39	cps
Calcium	44-1	877108	879476	874952	877179	0.26	cps
Chromium	52-2	2200043	2205377	2222865	2209428	0.54	cps
Cobalt	59-2	1797826	1808217	1815106	1807050	0.48	cps
Copper	63-2	2170730	2171763	2181264	2174586	0.27	cps
Dysprosium	156-1	1157724	1159180	1154344	1157083	0.21	cps
Dysprosium	156-2	261509	262790	263840	262713	0.44	cps
Erbium	164-2	353	333	283	323	11.15	cps
Erbium	164-1	625	683	667	658	4.56	cps
Gadolinium	160-1	1058	1100	1150	1103	4.16	cps
Gadolinium	160-2	797	740	650	729	10.15	cps
Holmium	165-1	24618235	24718722	24746105	24694354	0.27	cps
Holmium	165-2	11520256	11705017	11494050	11573108	0.99	cps
Indium	115-1	18445121	18228036	18274430	18315862	0.62	cps
Indium	115-2	3702979	3716091	3711518	3710196	0.18	cps
Iron	56-2	15485578	15401169	15486476	15457741	0.32	cps
Iron	57-2	370369	379902	379054	376442	1.40	cps
Krypton	83-1	450	393	433	426	6.84	cps
Lead	206-1	14859736	14875872	14855443	14863684	0.07	cps
Lead	207-1	13130673	13029708	12973515	13044632	0.61	cps
Lead	208-1	59817938	59665900	59494226	59659354	0.27	cps
Lithium	6-1	3666992	3674948	3683587	3675176	0.23	cps
Magnesium	24-2	902477	909594	911279	907783	0.51	cps

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : K4615-01MS Instrumnet Name : P7
 Client Sample ID : NR-KIT-TAP-NEW-FILTE Dilution Factor : 1
 Date & Time Acquired :: 2019-09-03 17:17:56 DataFile Name : 035SMPL_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	702661	703939	707885	704828	0.39	cps
Molybdenum	94-1	1760121	1747720	1770155	1759332	0.64	cps
Molybdenum	95-1	3089188	3089094	3137124	3105135	0.89	cps
Molybdenum	96-1	3340958	3323390	3334780	3333043	0.27	cps
Molybdenum	97-1	1942335	1933714	1945428	1940492	0.31	cps
Molybdenum	98-1	5048861	5009904	5005038	5021268	0.48	cps
Neodymium	150-1	1127	1253	1153	1178	5.67	cps
Neodymium	150-2	423	450	467	447	4.89	cps
Nickel	60-2	1159035	1172753	1175105	1168964	0.74	cps
Phosphorus	31-2	62875	63904	65536	64105	2.09	cps
Potassium	39-2	4115592	4159057	4142914	4139188	0.53	cps
Rhodium	103-1	16997325	16797354	16949016	16914565	0.62	cps
Rhodium	103-2	8208775	8254488	8260592	8241285	0.34	cps
Scandium	45-1	10477713	10494714	10466719	10479716	0.13	cps
Scandium	45-2	581941	593384	585257	586861	1.00	cps
Selenium	77-2	39053	38956	38749	38919	0.40	cps
Selenium	78-2	128892	129505	129421	129273	0.26	cps
Selenium	82-1	715692	717581	717379	716884	0.14	cps
Silicon	28-1	88012583	88446371	88240031	88232995	0.25	cps
Silver	109-1	1595457	1604718	1597015	1599064	0.31	cps
Silver	107-1	1670846	1674260	1685413	1676840	0.45	cps
Sodium	23-2	63259939	64289799	63602576	63717438	0.82	cps
Strontium	86-1	988651	996920	980502	988691	0.83	cps
Strontium	88-1	8701004	8847434	8754936	8767791	0.84	cps
Sulfur	34-1	1214424	1209306	1202018	1208583	0.52	cps
Terbium	159-1	25227257	25022424	25270161	25173281	0.53	cps
Terbium	159-2	11605272	11595832	11464278	11555127	0.68	cps
Thallium	203-1	36139544	36052720	36030873	36074379	0.16	cps
Thallium	205-1	85910042	85371710	85572414	85618055	0.32	cps
Thorium	232-1	5357	5718	5918	5664	5.02	cps
Tin	118-1	9982942	9999148	9978585	9986892	0.11	cps
Titanium	47-1	421304	421019	421331	421218	0.04	cps
Uranium	238-1	7869	8962	8562	8464	6.53	cps
Vanadium	51-2	1285069	1301295	1297573	1294646	0.66	cps
Yttrium	89-1	36568544	36920827	36847067	36778813	0.51	cps
Yttrium	89-2	5774197	5821616	5804464	5800092	0.41	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4615-01MS	Instrumnet Name :	P7
Client Sample ID :	NR-KIT-TAP-NEW-FILTE	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:17:56	DataFile Name :	035SMPL_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	472994	479629	476420	476348	0.70	cps
Zirconium	90-1	10955	10237	10321	10504	3.73	cps
Zirconium	91-1	5610	5301	5635	5515	3.37	cps

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : K4615-01MSD Instrumnet Name : P7
 Client Sample ID : NR-KIT-TAP-NEW-FILTE Dilution Factor : 1
 Date & Time Acquired :: 2019-09-03 17:21:33 DataFile Name : 036SMPL_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	368501	366555	368084	367713	0.28	cps
Antimony	121-1	12924273	12966571	12865110	12918651	0.39	cps
Arsenic	75-1	3228509	3199879	3193928	3207439	0.58	cps
Barium	135-1	741875	746050	740895	742940	0.37	cps
Barium	137-1	1296412	1307764	1282363	1295513	0.98	cps
Beryllium	9-1	515003	512712	505989	511235	0.92	cps
Bismuth	209-1	15923601	15991465	15996910	15970659	0.26	cps
Bismuth	209-2	8115869	8069631	8401356	8195619	2.19	cps
Boron	11-1	648930	658198	667281	658137	1.39	cps
Boron	10-1	134100	133804	134393	134099	0.22	cps
Cadmium	106-1	103695	102502	102109	102769	0.80	cps
Cadmium	108-1	64513	63969	63768	64083	0.60	cps
Cadmium	111-1	964705	962110	953679	960165	0.60	cps
Calcium	43-1	51131	51951	52118	51733	1.02	cps
Calcium	44-1	874446	874453	878222	875707	0.25	cps
Chromium	52-2	2193769	2189826	2205391	2196328	0.37	cps
Cobalt	59-2	1801652	1789124	1808924	1799900	0.56	cps
Copper	63-2	2168292	2147625	2176415	2164110	0.69	cps
Dysprosium	156-1	1144342	1147071	1140162	1143858	0.30	cps
Dysprosium	156-2	259837	261787	260419	260681	0.38	cps
Erbium	164-2	257	317	260	278	12.14	cps
Erbium	164-1	625	608	667	633	4.74	cps
Gadolinium	160-1	1125	1183	1250	1186	5.27	cps
Gadolinium	160-2	717	710	843	757	9.93	cps
Holmium	165-1	24186329	24247436	23982785	24138850	0.57	cps
Holmium	165-2	11570219	11361469	11938227	11623305	2.51	cps
Indium	115-1	18045612	18071843	18045306	18054254	0.08	cps
Indium	115-2	3645916	3648047	3826097	3706686	2.79	cps
Iron	56-2	15421643	15489889	15377963	15429832	0.37	cps
Iron	57-2	376002	375887	373717	375202	0.34	cps
Krypton	83-1	390	423	477	430	10.17	cps
Lead	206-1	14711210	14770571	14632308	14704697	0.47	cps
Lead	207-1	12807036	12934886	12756513	12832812	0.72	cps
Lead	208-1	58818988	59184469	58690949	58898135	0.43	cps
Lithium	6-1	3594521	3597494	3547225	3579747	0.79	cps
Magnesium	24-2	905114	893101	903198	900471	0.72	cps

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : K4615-01MSD Instrumnet Name : P7
 Client Sample ID : NR-KIT-TAP-NEW-FILTE Dilution Factor : 1
 Date & Time Acquired :: 2019-09-03 17:21:33 DataFile Name : 036SMPL_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	702028	694710	694981	697240	0.60	cps
Molybdenum	94-1	1731083	1750142	1724963	1735396	0.76	cps
Molybdenum	95-1	3071480	3067708	3029868	3056352	0.75	cps
Molybdenum	96-1	3278559	3263770	3261469	3267932	0.28	cps
Molybdenum	97-1	1914341	1920070	1902583	1912331	0.47	cps
Molybdenum	98-1	4934159	4939798	4934376	4936111	0.06	cps
Neodymium	150-1	1253	1287	1273	1271	1.32	cps
Neodymium	150-2	460	427	433	440	4.01	cps
Nickel	60-2	1167603	1153914	1166946	1162821	0.66	cps
Phosphorus	31-2	65110	61879	62448	63146	2.73	cps
Potassium	39-2	4125493	4068328	4094228	4096017	0.70	cps
Rhodium	103-1	16681714	16823263	16744351	16749776	0.42	cps
Rhodium	103-2	8190667	8173072	8482562	8282101	2.10	cps
Scandium	45-1	10326851	10378577	10380389	10361939	0.29	cps
Scandium	45-2	586371	581008	604156	590512	2.05	cps
Selenium	77-2	38468	37766	38428	38220	1.03	cps
Selenium	78-2	126981	127376	129112	127823	0.89	cps
Selenium	82-1	710593	710522	705784	708967	0.39	cps
Silicon	28-1	88639921	88468321	88647517	88585253	0.11	cps
Silver	109-1	1589458	1590128	1577592	1585726	0.44	cps
Silver	107-1	1683555	1663086	1649414	1665352	1.03	cps
Sodium	23-2	64400118	63816735	64379966	64198940	0.52	cps
Strontium	86-1	975770	978633	973616	976006	0.26	cps
Strontium	88-1	8664390	8680495	8701555	8682147	0.21	cps
Sulfur	34-1	1212453	1218591	1207980	1213008	0.44	cps
Terbium	159-1	24912015	25101937	24830445	24948132	0.56	cps
Terbium	159-2	11407869	11396587	11846776	11550411	2.22	cps
Thallium	203-1	35590645	35395436	35181957	35389346	0.58	cps
Thallium	205-1	85120575	85151433	84525446	84932485	0.42	cps
Thorium	232-1	3967	3973	4290	4077	4.53	cps
Tin	118-1	9850796	9802053	9826781	9826543	0.25	cps
Titanium	47-1	417728	417425	414797	416650	0.39	cps
Uranium	238-1	8487	8703	8695	8628	1.42	cps
Vanadium	51-2	1289584	1284200	1293272	1289019	0.35	cps
Yttrium	89-1	36442135	36407111	36614534	36487927	0.30	cps
Yttrium	89-2	5780930	5766071	5998891	5848631	2.23	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4615-01MSD	Instrumnet Name :	P7
Client Sample ID :	NR-KIT-TAP-NEW-FILTE	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:21:33	DataFile Name :	036SMPL_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	478248	474314	477553	476705	0.44	cps
Zirconium	90-1	6010	6127	6260	6132	2.04	cps
Zirconium	91-1	4618	4434	4568	4540	2.09	cps

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : K4615-01A Instrumnet Name : P7
 Client Sample ID : NR-KIT-TAP-NEW-FILTE Dilution Factor : 1
 Date & Time Acquired :: 2019-09-03 17:25:09 DataFile Name : 037SMPL_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	370120	372657	372523	371766	0.38	cps
Antimony	121-1	12951363	13053350	13031011	13011908	0.41	cps
Arsenic	75-1	3219029	3217139	3215075	3217081	0.06	cps
Barium	135-1	744852	751732	742157	746247	0.66	cps
Barium	137-1	1303704	1311082	1309395	1308060	0.30	cps
Beryllium	9-1	512903	515516	515001	514474	0.27	cps
Bismuth	209-1	15949292	15949174	15987008	15961824	0.14	cps
Bismuth	209-2	8241353	8202976	8154828	8199719	0.53	cps
Boron	11-1	665085	682909	687264	678420	1.73	cps
Boron	10-1	134711	139231	140113	138018	2.10	cps
Cadmium	106-1	103611	104172	102385	103390	0.88	cps
Cadmium	108-1	64266	64374	64270	64303	0.10	cps
Cadmium	111-1	969291	967746	965080	967372	0.22	cps
Calcium	43-1	53364	51725	53640	52910	1.96	cps
Calcium	44-1	869503	875457	872720	872560	0.34	cps
Chromium	52-2	2201087	2211885	2207693	2206889	0.25	cps
Cobalt	59-2	1806535	1800030	1812160	1806241	0.34	cps
Copper	63-2	2174873	2173452	2185093	2177806	0.29	cps
Dysprosium	156-1	1128188	1124667	1130885	1127913	0.28	cps
Dysprosium	156-2	255438	256921	258887	257082	0.67	cps
Erbium	164-2	323	347	300	323	7.22	cps
Erbium	164-1	617	558	533	569	7.51	cps
Gadolinium	160-1	975	1058	1108	1047	6.43	cps
Gadolinium	160-2	790	670	720	727	8.30	cps
Holmium	165-1	24467573	24455710	24360683	24427989	0.24	cps
Holmium	165-2	11632100	11565736	11561000	11586279	0.34	cps
Indium	115-1	18183628	18268535	18190928	18214364	0.26	cps
Indium	115-2	3706951	3683229	3693404	3694528	0.32	cps
Iron	56-2	15549382	15509075	15451798	15503418	0.32	cps
Iron	57-2	376827	371046	376872	374915	0.89	cps
Krypton	83-1	433	463	490	462	6.13	cps
Lead	206-1	14738819	14882340	14795343	14805501	0.49	cps
Lead	207-1	12959403	12982082	12976385	12972624	0.09	cps
Lead	208-1	59232658	59501900	59351956	59362171	0.23	cps
Lithium	6-1	3628261	3627118	3631413	3628931	0.06	cps
Magnesium	24-2	910402	908492	907608	908834	0.16	cps

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : K4615-01A Instrumnet Name : P7
 Client Sample ID : NR-KIT-TAP-NEW-FILTE Dilution Factor : 1
 Date & Time Acquired :: 2019-09-03 17:25:09 DataFile Name : 037SMPL_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	704359	706459	702882	704567	0.26	cps
Molybdenum	94-1	1746973	1747140	1757668	1750594	0.35	cps
Molybdenum	95-1	3095433	3080877	3090777	3089029	0.24	cps
Molybdenum	96-1	3310341	3296223	3309122	3305229	0.24	cps
Molybdenum	97-1	1942216	1930537	1927515	1933423	0.40	cps
Molybdenum	98-1	4968415	4974782	4960078	4967758	0.15	cps
Neodymium	150-1	1267	1167	1273	1236	4.84	cps
Neodymium	150-2	483	490	420	464	8.32	cps
Nickel	60-2	1170101	1171320	1167803	1169741	0.15	cps
Phosphorus	31-2	62883	62707	61812	62468	0.92	cps
Potassium	39-2	4115869	4138576	4139020	4131155	0.32	cps
Rhodium	103-1	16835663	16814945	16739875	16796828	0.30	cps
Rhodium	103-2	8221228	8211397	8213796	8215474	0.06	cps
Scandium	45-1	10307614	10424952	10403221	10378596	0.60	cps
Scandium	45-2	583020	589519	587639	586726	0.57	cps
Selenium	77-2	38835	38762	40015	39204	1.79	cps
Selenium	78-2	129139	129031	130240	129470	0.52	cps
Selenium	82-1	721118	719255	715831	718735	0.37	cps
Silicon	28-1	88195146	88515935	88482596	88397892	0.20	cps
Silver	109-1	1604908	1606938	1611433	1607760	0.21	cps
Silver	107-1	1675218	1676650	1677869	1676579	0.08	cps
Sodium	23-2	64799810	64330760	64400847	64510472	0.39	cps
Strontium	86-1	984972	977289	979216	980492	0.41	cps
Strontium	88-1	8660268	8791537	8658385	8703397	0.88	cps
Sulfur	34-1	1187016	1184484	1189490	1186997	0.21	cps
Terbium	159-1	24994772	24969780	25072806	25012453	0.21	cps
Terbium	159-2	11545286	11450499	11438227	11478004	0.51	cps
Thallium	203-1	35997750	36004805	35667656	35890070	0.54	cps
Thallium	205-1	85543289	86363239	84795469	85567332	0.92	cps
Thorium	232-1	4073	4029	3856	3986	2.87	cps
Tin	118-1	9892795	9964933	10020453	9959394	0.64	cps
Titanium	47-1	418806	421124	415845	418592	0.63	cps
Uranium	238-1	8954	8762	8553	8756	2.29	cps
Vanadium	51-2	1294873	1290583	1296327	1293928	0.23	cps
Yttrium	89-1	36423464	36737631	36528350	36563149	0.44	cps
Yttrium	89-2	5842535	5804757	5789488	5812260	0.47	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	K4615-01A	Instrumnet Name :	P7
Client Sample ID :	NR-KIT-TAP-NEW-FILTE	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:25:09	DataFile Name :	037SMPL_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	478142	477093	477343	477526	0.11	cps
Zirconium	90-1	5151	4859	4759	4923	4.14	cps
Zirconium	91-1	4526	4609	4318	4484	3.35	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P7
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:29:38	DataFile Name :	038CCV_P7090319 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10289932	10155465	10295716	10247037	0.77	cps
Antimony	121-1	7506968	7517927	7530178	7518357	0.15	cps
Arsenic	75-1	1656741	1653622	1647824	1652729	0.27	cps
Barium	135-1	8583996	8661841	8643898	8629912	0.47	cps
Barium	137-1	14979913	15077781	14998457	15018717	0.35	cps
Beryllium	9-1	1150133	1149500	1151989	1150540	0.11	cps
Bismuth	209-1	13744669	13825096	13911202	13826989	0.60	cps
Bismuth	209-2	7163657	7113237	7120234	7132376	0.38	cps
Boron	11-1	988160	1006435	1016733	1003776	1.44	cps
Boron	10-1	205063	204939	208790	206264	1.06	cps
Cadmium	106-1	276295	281962	282748	280335	1.26	cps
Cadmium	108-1	183432	184086	181770	183096	0.65	cps
Cadmium	111-1	2271125	2284371	2299900	2285132	0.63	cps
Calcium	43-1	10237329	10278081	10251439	10255616	0.20	cps
Calcium	44-1	165500704	167260095	167458554	166739784	0.65	cps
Chromium	52-2	2687500	2647853	2655465	2663606	0.79	cps
Cobalt	59-2	4119457	4101665	4134430	4118517	0.40	cps
Copper	63-2	6417002	6329801	6370511	6372438	0.68	cps
Dysprosium	156-1	250	242	283	258	8.54	cps
Dysprosium	156-2	143	200	147	163	19.47	cps
Erbium	164-2	70	83	73	76	9.19	cps
Erbium	164-1	150	108	92	117	25.76	cps
Gadolinium	160-1	292	392	275	319	19.75	cps
Gadolinium	160-2	320	300	347	322	7.27	cps
Holmium	165-1	22918912	23049817	23009435	22992721	0.29	cps
Holmium	165-2	10991844	10929083	10940564	10953830	0.31	cps
Indium	115-1	16539712	16669131	16766644	16658496	0.68	cps
Indium	115-2	3459480	3465051	3461212	3461914	0.08	cps
Iron	56-2	599733547	595789413	601305702	598942887	0.47	cps
Iron	57-2	14706005	14737702	14770854	14738187	0.22	cps
Krypton	83-1	367	357	393	372	5.09	cps
Lead	206-1	6291894	6292440	6262089	6282141	0.28	cps
Lead	207-1	5616785	5576171	5607635	5600197	0.38	cps
Lead	208-1	25765082	25662864	25762350	25730099	0.23	cps
Lithium	6-1	3266726	3257924	3269717	3264789	0.19	cps
Magnesium	24-2	104308967	102945759	103401373	103552033	0.67	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P7
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:29:38	DataFile Name :	038CCV_P7090319 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3368997	3354208	3379354	3367520	0.38	cps
Molybdenum	94-1	15899069	15875023	15886905	15886999	0.08	cps
Molybdenum	95-1	20005913	19983496	20035669	20008359	0.13	cps
Molybdenum	96-1	22093481	22073474	22145195	22104050	0.17	cps
Molybdenum	97-1	12468654	12454670	12492320	12471881	0.15	cps
Molybdenum	98-1	32168881	31994648	32019304	32060944	0.29	cps
Neodymium	150-1	727	887	633	749	17.11	cps
Neodymium	150-2	57	107	113	92	33.58	cps
Nickel	60-2	1048095	1039879	1042661	1043545	0.40	cps
Phosphorus	31-2	99163	97308	96763	97745	1.29	cps
Potassium	39-2	49705778	49421212	49520016	49549002	0.29	cps
Rhodium	103-1	14937202	14903727	15002683	14947870	0.34	cps
Rhodium	103-2	7347136	7313165	7331806	7330702	0.23	cps
Scandium	45-1	9965044	9962563	9959432	9962346	0.03	cps
Scandium	45-2	579718	575180	581610	578836	0.57	cps
Selenium	77-2	8449	8933	8713	8698	2.78	cps
Selenium	78-2	28849	28524	28721	28698	0.57	cps
Selenium	82-1	153111	152888	153208	153069	0.11	cps
Silicon	28-1	5056714	5210627	5273449	5180263	2.15	cps
Silver	109-1	9776483	9796440	9748743	9773889	0.25	cps
Silver	107-1	10259037	10312865	10235557	10269153	0.39	cps
Sodium	23-2	197497821	196849246	197666975	197338014	0.22	cps
Strontium	86-1	2291532	2287844	2283313	2287563	0.18	cps
Strontium	88-1	20254948	20310043	20324287	20296426	0.18	cps
Sulfur	34-1	1345199	1350041	1351920	1349053	0.26	cps
Terbium	159-1	23381360	23355998	23531885	23423081	0.41	cps
Terbium	159-2	10857735	10796995	10843068	10832599	0.29	cps
Thallium	203-1	7822105	7932649	7914168	7889641	0.75	cps
Thallium	205-1	18768983	18852405	18751880	18791089	0.29	cps
Thorium	232-1	28898143	29151171	29186485	29078599	0.54	cps
Tin	118-1	6419421	6429526	6475434	6441460	0.46	cps
Titanium	47-1	4974254	4986450	4961199	4973968	0.25	cps
Uranium	238-1	28687675	28747513	28435700	28623629	0.58	cps
Vanadium	51-2	2100997	2084034	2088350	2091127	0.42	cps
Yttrium	89-1	34827664	34775445	34764209	34789106	0.10	cps
Yttrium	89-2	5633567	5606309	5674286	5638054	0.61	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P7
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired ::	2019-09-03 17:29:38	DataFile Name :	038CCV_P7090319 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	994081	984013	985009	987701	0.56	cps
Zirconium	90-1	12546867	12482305	12589929	12539700	0.43	cps
Zirconium	91-1	2741393	2728315	2723816	2731175	0.33	cps

LB Number : LB104937 Operator : Jaswal
 Lab Sample ID : CCB97 Instrumnet Name : P7
 Client Sample ID : CCB97 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-03 17:37:27 DataFile Name : 039CCBE_P7090319 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	325	317	333	325	2.56	cps
Antimony	121-1	3676	4017	4451	4048	9.60	cps
Arsenic	75-1	-289	-17	-225	-177	-80.42	cps
Barium	135-1	217	175	133	175	23.81	cps
Barium	137-1	292	417	400	369	18.37	cps
Beryllium	9-1	240	217	223	227	5.30	cps
Bismuth	209-1	15247686	15947424	16211977	15802363	3.15	cps
Bismuth	209-2	8483863	8232940	8357953	8358252	1.50	cps
Boron	11-1	37539	38208	36478	37409	2.33	cps
Boron	10-1	7310	7485	7727	7508	2.79	cps
Cadmium	106-1	17320	17712	18579	17870	3.61	cps
Cadmium	108-1	63	54	42	53	19.86	cps
Cadmium	111-1	12234	12581	13089	12635	3.40	cps
Calcium	43-1	333	525	425	428	22.41	cps
Calcium	44-1	19664	19789	19864	19772	0.51	cps
Chromium	52-2	1317	1173	1177	1222	6.69	cps
Cobalt	59-2	323	253	197	258	24.61	cps
Copper	63-2	1747	1620	1677	1681	3.77	cps
Dysprosium	156-1	42	33	33	36	13.33	cps
Dysprosium	156-2	30	10	23	21	48.24	cps
Erbium	164-2	60	57	70	62	11.15	cps
Erbium	164-1	100	75	75	83	17.33	cps
Gadolinium	160-1	267	292	167	242	27.37	cps
Gadolinium	160-2	307	257	237	267	13.52	cps
Holmium	165-1	22489914	23838815	24036591	23455106	3.59	cps
Holmium	165-2	11699632	11378554	11464284	11514157	1.44	cps
Indium	115-1	17386402	18446799	18521131	18118111	3.50	cps
Indium	115-2	3872893	3761704	3811928	3815508	1.46	cps
Iron	56-2	19597	20342	20309	20083	2.10	cps
Iron	57-2	561	650	628	613	7.55	cps
Krypton	83-1	420	403	367	397	6.88	cps
Lead	206-1	1939	1800	1856	1865	3.75	cps
Lead	207-1	1767	1945	1834	1848	4.86	cps
Lead	208-1	7295	7251	7168	7238	0.90	cps
Lithium	6-1	3330973	3455111	3473305	3419796	2.27	cps
Magnesium	24-2	3484	3684	3109	3426	8.52	cps

LB Number :	LB104937	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P7
Client Sample ID :	CCB97	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	237	180	220	212	13.72	cps
Molybdenum	94-1	1675	1650	1817	1714	5.25	cps
Molybdenum	95-1	1392	1300	1542	1411	8.65	cps
Molybdenum	96-1	1892	1458	1717	1689	12.91	cps
Molybdenum	97-1	1008	808	800	872	13.52	cps
Molybdenum	98-1	1917	1959	2284	2053	9.78	cps
Neodymium	150-1	33	13	7	18	78.07	cps
Neodymium	150-2	10	3	20	11	75.52	cps
Nickel	60-2	177	247	210	211	16.59	cps
Phosphorus	31-2	383	308	233	308	24.32	cps
Potassium	39-2	44986	47595	47553	46711	3.20	cps
Rhodium	103-1	16178013	17047322	17326450	16850595	3.55	cps
Rhodium	103-2	8586963	8388441	8473285	8482897	1.17	cps
Scandium	45-1	9856021	10294672	10436533	10195742	2.97	cps
Scandium	45-2	600304	586808	592167	593093	1.15	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	44	52	57	51	12.70	cps
Selenium	82-1	-6	-33	41	0	8296.03	cps
Silicon	28-1	155197	157362	157875	156811	0.91	cps
Silver	109-1	500	492	400	464	11.96	cps
Silver	107-1	775	808	808	797	2.41	cps
Sodium	23-2	78188	79034	77735	78319	0.84	cps
Strontium	86-1	608	650	550	603	8.33	cps
Strontium	88-1	525	608	567	567	7.35	cps
Sulfur	34-1	634099	637966	638339	636801	0.37	cps
Terbium	159-1	23060030	24415264	24840229	24105174	3.86	cps
Terbium	159-2	11600959	11308474	11347284	11418906	1.39	cps
Thallium	203-1	3234	3284	3584	3367	5.62	cps
Thallium	205-1	7527	7944	7594	7689	2.91	cps
Thorium	232-1	4618	4784	4695	4699	1.78	cps
Tin	118-1	4418	4351	4518	4429	1.90	cps
Titanium	47-1	292	250	283	275	8.02	cps
Uranium	238-1	3184	3084	3126	3131	1.60	cps
Vanadium	51-2	43	57	47	49	14.20	cps
Yttrium	89-1	34283677	36614622	36722849	35873716	3.84	cps
Yttrium	89-2	5947978	5820816	5848254	5872349	1.14	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	793	947	843	861	9.08	cps
Zirconium	90-1	2142	2267	2584	2331	9.77	cps
Zirconium	91-1	425	358	383	389	8.66	cps