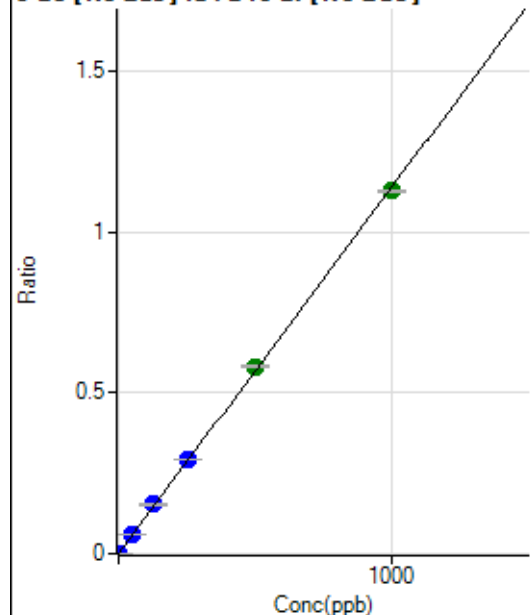


Calibration for 002CALB.d

Batch Folder: D:\ICP-MS Data\P7020819-MS.b\
 Analysis File: P7020819-MS.batch.bin
 DA Date-Time: 2019-02-08 18:26:20
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-02-08 16:51:29
2	004CALS.d	S01	2019-02-08 16:55:04
3	005CALS.d	S02	2019-02-08 16:59:56
4	006CALS.d	S03	2019-02-08 17:03:51
5	007CALS.d	S04	2019-02-08 17:07:59
6	008CALS.d	S05	2019-02-08 17:11:45
7	009CALS.d	S06	2019-02-08 17:15:30
8	010CALS.d	S07	2019-02-08 17:19:16
9	011CALS.d	S08	2019-02-08 17:23:07

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	134.45	0.0000	P	13.6
2	☐	0.100	0.100	1120.06	0.0001	P	3.5
3	☐	1.000	1.029	10520.44	0.0012	P	3.4
4	☐	50.000	54.146	516581.89	0.0617	P	0.3
5	☐	125.000	134.499	1251727.63	0.1532	P	1.0
6	☐	250.000	258.058	2399722.64	0.2939	P	0.3
7	☐	500.000	510.934	4531050.87	0.5819	A	1.3
8	☐	1000.000	991.124	8661235.70	1.1287	A	0.3
9	☐			881.15	0.0001	P	12.7

$$y = 0.0011 * x + 1.5035E-005$$

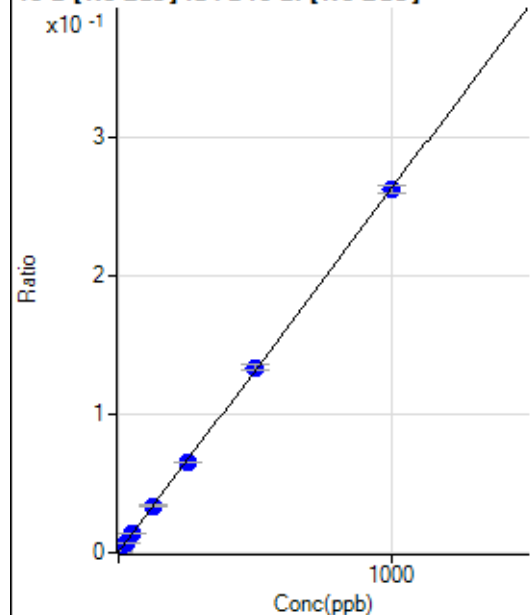
$$R = 0.9998$$

$$DL = 0.005392$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3900.66	0.0004	P	1.4
2	☐	2.500	2.519	9561.75	0.0011	P	3.7
3	☐	25.000	23.670	58924.45	0.0066	P	1.9
4	☐	50.000	51.313	116396.20	0.0139	P	1.3
5	☐	125.000	127.787	277484.40	0.0340	P	2.3
6	☐	250.000	247.446	533604.63	0.0654	P	1.3
7	☐	500.000	507.322	1039618.23	0.1335	P	3.5
8	☐	1000.000	996.597	2009553.17	0.2619	P	2.1
9	☐			55876.90	0.0082	P	8.7

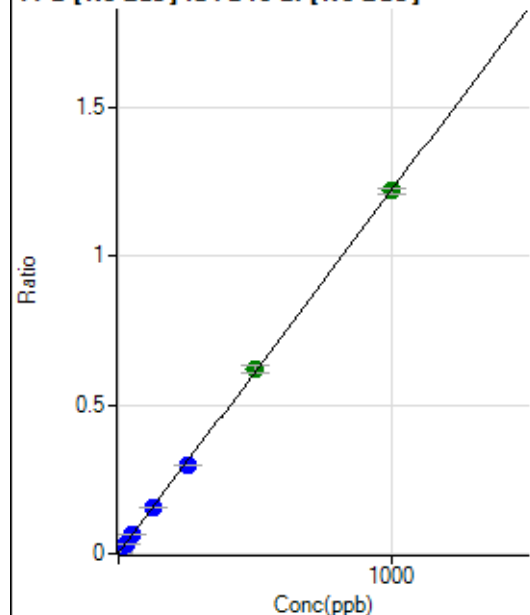
$$y = 2.6235E-004 * x + 4.3621E-004$$

$$R = 1.0000$$

$$DL = 0.07186$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17936.34	0.0020	P	0.8
2	☐	2.500	2.371	42680.80	0.0049	P	1.7
3	☐	25.000	23.138	267950.64	0.0302	P	1.3
4	☐	50.000	51.127	538944.03	0.0644	P	0.9
5	☐	125.000	126.030	1272176.19	0.1557	P	1.4
6	☐	250.000	243.483	2440640.38	0.2989	P	0.9
7	☐	500.000	506.382	4823069.12	0.6195	A	3.7
8	☐	1000.000	998.300	9356520.44	1.2194	A	1.9
9	☐			262735.69	0.0386	P	8.3

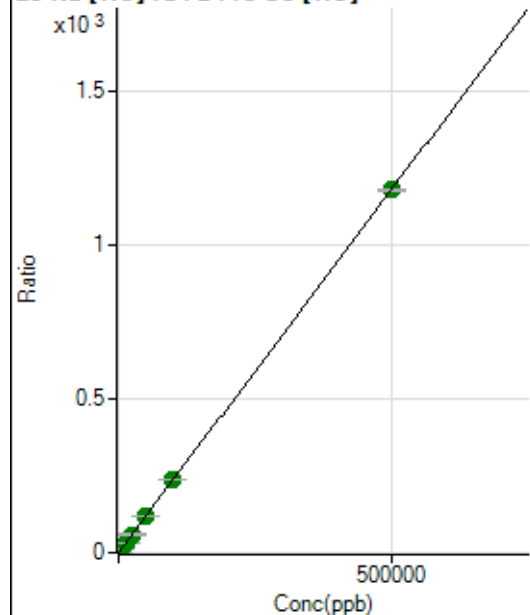
$$y = 0.0012 * x + 0.0020$$

$$R = 0.9999$$

$$DL = 0.03731$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41023.91	0.0606	P	0.8
2	☐	50.000	50.166	123984.58	0.1789	P	1.2
3	☐	500.000	509.018	853441.05	1.2611	P	0.2
4	☐	5000.000	5332.177	8300187.60	12.6365	A	0.4
5	☐	12500.000	13168.313	20367269.73	31.1179	A	0.6
6	☐	25000.000	25064.777	39726118.60	59.1756	A	0.6
7	☐	50000.000	51167.968	77944689.94	120.7397	A	1.2
8	☐	100000.00	100869.92	156090536.82	237.9613	A	0.7
9	☐	500000.00	499685.94	738068994.27	1,178.565	A	0.7

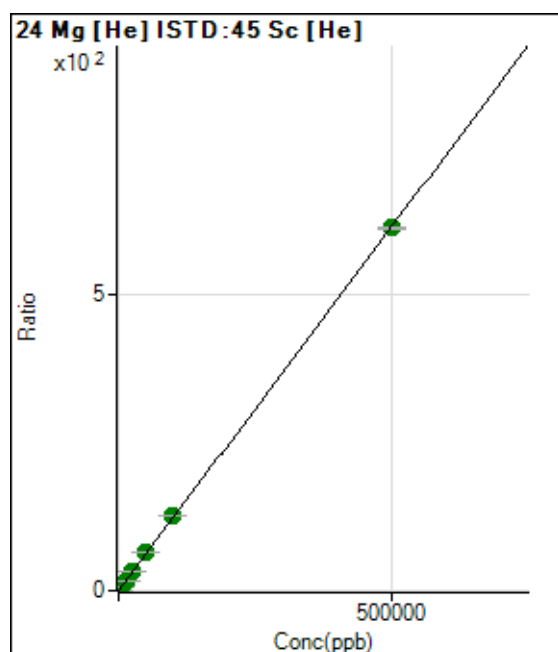
$$y = 0.0024 * x + 0.0606$$

$$R = 1.0000$$

$$DL = 0.592$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	233.34	0.0003	P	14.7
2	☐	50.000	52.877	45219.42	0.0652	P	0.7
3	☐	500.000	541.536	450032.70	0.6650	P	1.1
4	☐	5000.000	5583.738	4501951.54	6.8538	A	0.4
5	☐	12500.000	13698.457	11004955.54	16.8138	A	0.5
6	☐	25000.000	26035.870	21453697.01	31.9567	A	0.3
7	☐	50000.000	52787.911	41826903.02	64.7921	A	1.1
8	☐	100000.00	103895.60	83648462.29	127.5216	A	0.5
9	☐	500000.00	498854.45	383443764.13	612.2931	A	0.4

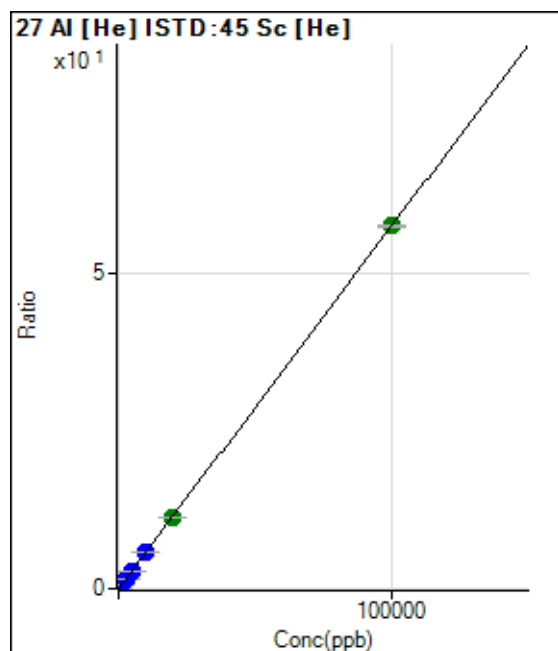
$$y = 0.0012 * x + 3.4470E-004$$

$$R = 1.0000$$

$$DL = 0.1238$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	147.23	0.0002	P	36.1
2	☐	2.000	2.445	1125.09	0.0016	P	7.4
3	☐	20.000	20.260	8030.27	0.0119	P	4.4
4	☐	1000.000	1057.261	399470.93	0.6082	P	1.5
5	☐	2500.000	2587.658	974103.21	1.4883	P	0.8
6	☐	5000.000	4924.168	1901154.79	2.8319	P	0.3
7	☐	10000.000	10064.642	3736570.48	5.7880	P	0.6
8	☐	20000.000	19623.331	7402243.40	11.2848	A	0.9
9	☐	100000.00	100069.89	36037992.12	57.5464	A	0.6

$$y = 5.7506E-004 * x + 2.1748E-004$$

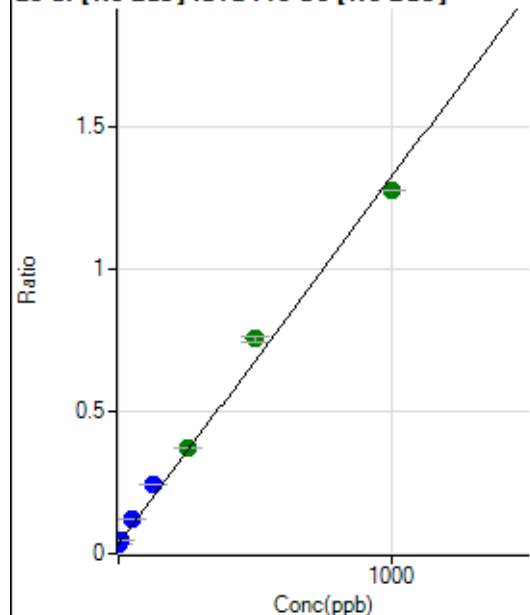
$$R = 1.0000$$

$$DL = 0.4098$$

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	594254.49	0.0342	P	0.5
2	☐	1.000	1.687	614555.58	0.0364	P	0.7
3	☐	10.000	10.987	836245.51	0.0484	P	0.4
4	☐	50.000	68.450	1978702.95	0.1225	P	1.3
5	☐	125.000	163.097	3915204.82	0.2446	P	1.6
6	☐	250.000	261.876	6036854.65	0.3720	A	1.1
7	☐	500.000	558.059	11697137.85	0.7540	A	2.9
8	☐	1000.000	962.306	20196786.74	1.2754	A	0.0
9	☐			2038433.23	0.1366	P	4.6

$$y = 0.0013 * x + 0.0342$$

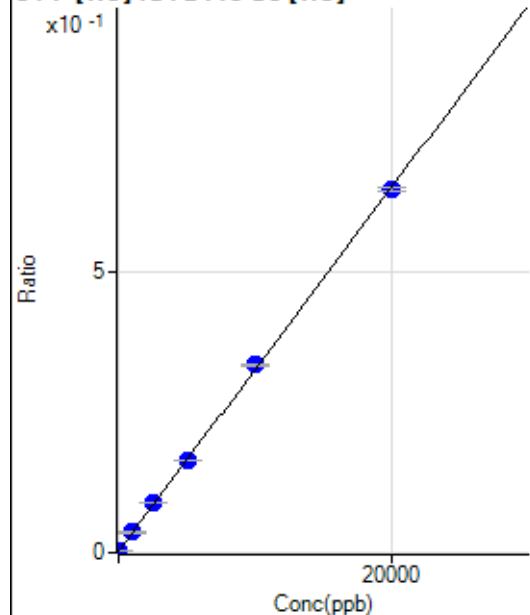
$$R = 0.9969$$

$$DL = 0.419$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-15.695	1314.01	0.0019	P	5.2
2	☐	0.000	-12.615	1414.01	0.0020	P	8.0
3	☐	0.000	28.310	2278.05	0.0034	P	9.3
4	☐	1000.000	1049.541	23928.43	0.0364	P	3.7
5	☐	2500.000	2649.788	57771.17	0.0883	P	1.8
6	☐	5000.000	5009.979	110574.81	0.1647	P	0.7
7	☐	10000.000	10228.885	215440.34	0.3337	P	1.0
8	☐	20000.000	19861.862	423543.04	0.6457	P	1.2
9	☐			1286.22	0.0021	P	1.4

$$y = 3.2386E-005 * x + 0.0024$$

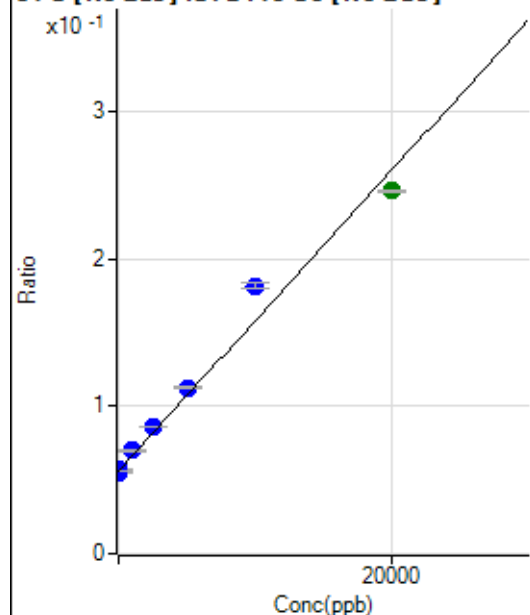
$$R = 0.9999$$

$$DL = 17.84$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-170.614	944523.03	0.0544	P	0.4
2	☐	0.000	138.870	971744.56	0.0575	P	0.4
3	☐	0.000	31.744	975604.36	0.0565	P	0.4
4	☐	1000.000	1350.574	1129393.28	0.0699	P	0.8
5	☐	2500.000	2966.578	1383258.77	0.0864	P	0.8
6	☐	5000.000	5559.510	1831663.06	0.1129	P	1.0
7	☐	10000.000	12317.774	2821143.16	0.1818	P	2.2
8	☐	20000.000	18625.385	3898851.13	0.2462	A	0.3
9	☐			808829.88	0.0542	P	3.6

$$y = 1.0205\text{E-}005 * x + 0.0561$$

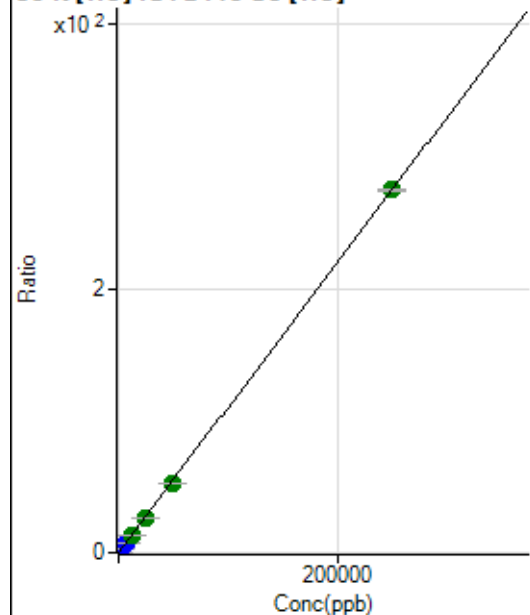
$$R = 0.9895$$

$$DL = 71.68$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	32327.75	0.0477	P	0.8
2	☐	50.000	47.192	68952.53	0.0995	P	0.5
3	☐	500.000	473.866	383974.33	0.5674	P	0.7
4	☐	2500.000	2537.910	1859377.71	2.8309	P	1.1
5	☐	6250.000	6289.041	4545367.46	6.9446	P	0.5
6	☐	12500.000	11872.722	8772910.70	13.0679	A	0.3
7	☐	25000.000	24371.976	17285361.15	26.7751	A	0.6
8	☐	50000.000	48120.416	34646520.57	52.8186	A	0.6
9	☐	250000.00	250468.78	172043728.84	274.7223	A	0.2

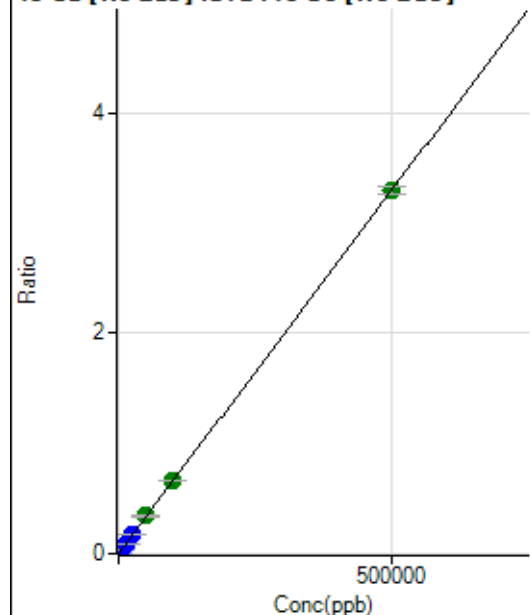
$$y = 0.0011 * x + 0.0477$$

$$R = 1.0000$$

$$DL = 1.044$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	411.13	0.0000	P	7.5
2	☐	50.000	51.313	6107.07	0.0004	P	2.8
3	☐	500.000	483.945	55493.92	0.0032	P	2.5
4	☐	5000.000	5377.905	572602.06	0.0354	P	1.0
5	☐	12500.000	13383.925	1411695.96	0.0882	P	1.9
6	☐	25000.000	25698.736	2747704.82	0.1693	P	0.7
7	☐	50000.000	51902.963	5305371.95	0.3419	A	1.4
8	☐	100000.00	100362.36	10469705.27	0.6611	A	0.3
9	☐	500000.00	499676.43	49129017.07	3.2916	A	2.2

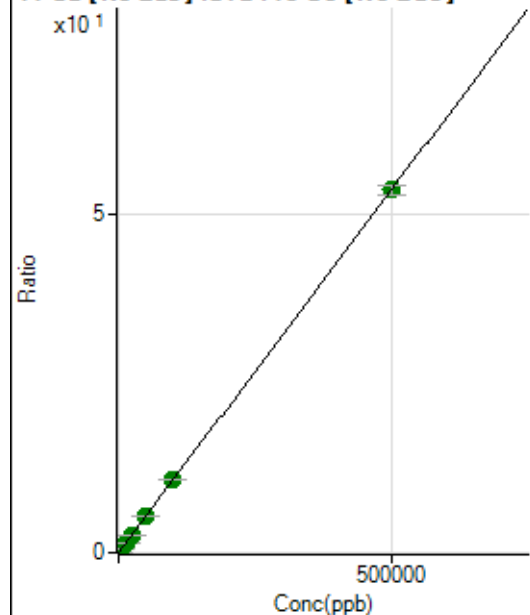
$$y = 6.5874\text{E-}006 * x + 2.3672\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.8035$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20623.10	0.0012	P	2.0
2	☐	50.000	52.096	114390.43	0.0068	P	0.7
3	☐	500.000	478.551	907383.13	0.0525	P	0.5
4	☐	5000.000	5192.455	9013754.28	0.5580	A	0.7
5	☐	12500.000	13017.947	22367544.08	1.3972	A	0.7
6	☐	25000.000	25044.908	43607158.61	2.6870	A	0.4
7	☐	50000.000	51192.168	85197808.85	5.4910	A	1.5
8	☐	100000.00	99622.952	169199945.45	10.6848	A	0.5
9	☐	500000.00	499939.09	800218340.11	53.6147	A	2.5

$$y = 1.0724\text{E-}004 * x + 0.0012$$

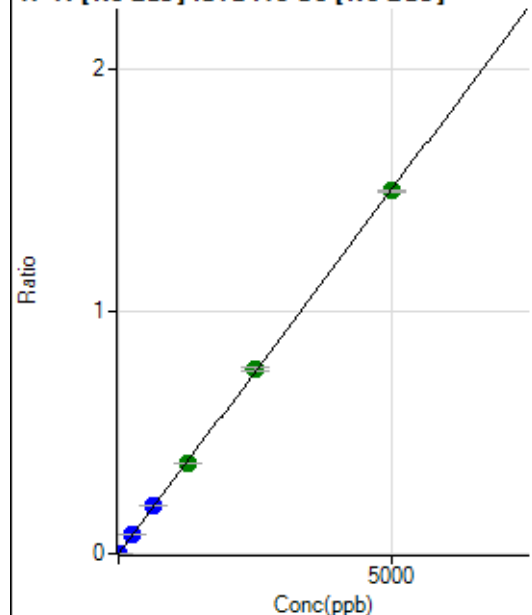
$$R = 1.0000$$

$$DL = 0.6677$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	219.45	0.0000	P	15.1
2	☐	0.500	0.507	2786.51	0.0002	P	1.1
3	☐	5.000	4.921	25762.18	0.0015	P	1.3
4	☐	250.000	260.497	1264291.69	0.0783	P	0.6
5	☐	625.000	650.792	3129980.93	0.1955	P	0.6
6	☐	1250.000	1238.120	6036557.95	0.3720	A	0.8
7	☐	2500.000	2531.282	11798434.55	0.7604	A	2.0
8	☐	5000.000	4983.580	23708436.82	1.4971	A	0.2
9	☐			6296.24	0.0004	P	6.8

$$y = 3.0041\text{E-}004 * x + 1.2635\text{E-}005$$

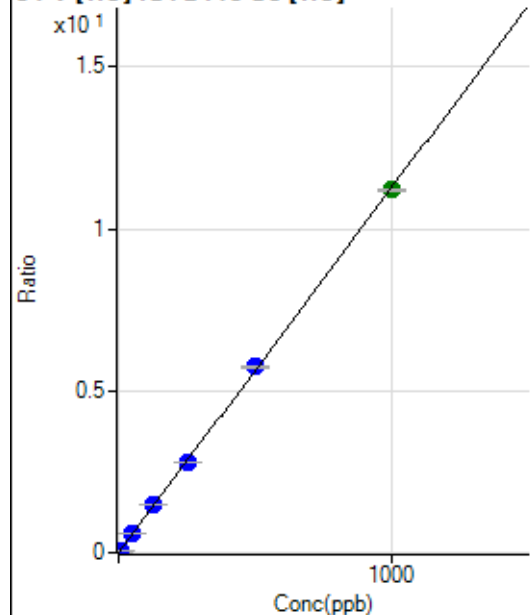
$$R = 1.0000$$

$$DL = 0.0191$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.55	0.0000	P	125.
2	☐	0.500	0.522	4081.75	0.0059	P	3.2
3	☐	5.000	5.157	39308.07	0.0581	P	1.0
4	☐	50.000	52.387	387491.27	0.5900	P	1.7
5	☐	125.000	130.108	959062.33	1.4653	P	0.6
6	☐	250.000	248.814	1881201.92	2.8022	P	0.2
7	☐	500.000	510.007	3707945.57	5.7437	P	0.9
8	☐	1000.000	994.535	7346918.50	11.2005	A	0.9
9	☐			1194.51	0.0019	P	3.1

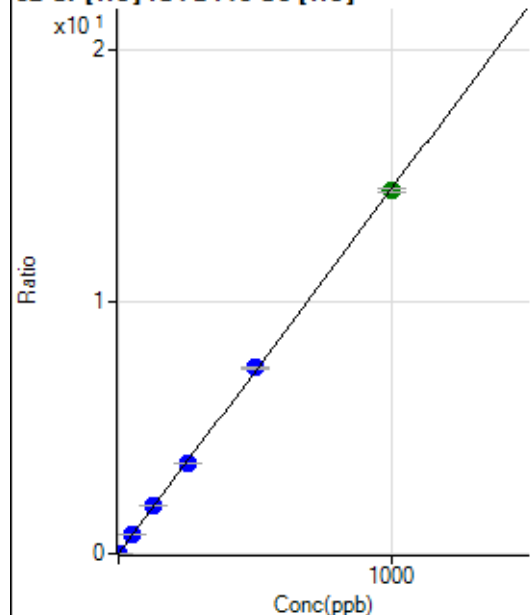
$$y = 0.0113 * x + 8.2144\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.00274$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4280.70	0.0063	P	1.3
2	☐	0.200	0.233	6714.98	0.0097	P	5.7
3	☐	2.000	2.008	23929.63	0.0354	P	0.3
4	☐	50.000	53.264	510150.83	0.7767	P	1.2
5	☐	125.000	130.954	1243860.34	1.9004	P	1.1
6	☐	250.000	249.179	2423838.28	3.6104	P	0.3
7	☐	500.000	509.244	4759219.79	7.3720	P	0.6
8	☐	1000.000	994.675	9441049.65	14.3932	A	1.1
9	☐			59750.72	0.0954	P	0.5

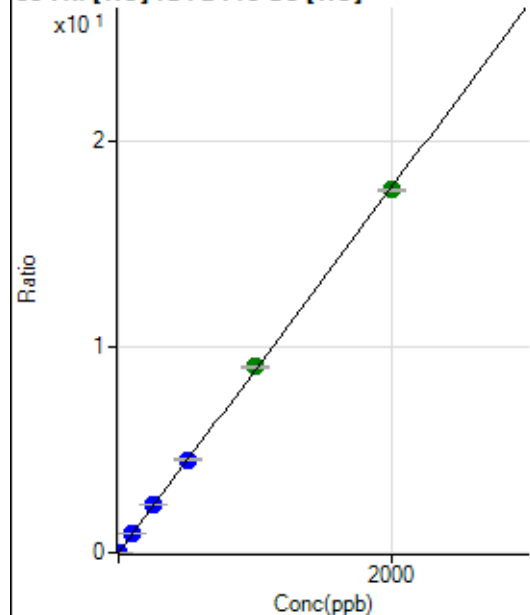
$$y = 0.0145 * x + 0.0063$$

$$R = 0.9999$$

$$DL = 0.01677$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	87.78	0.0001	P	29.3
2	☐	0.100	0.123	846.71	0.0012	P	1.6
3	☐	1.000	1.057	6435.95	0.0095	P	3.6
4	☐	100.000	109.139	636257.00	0.9688	P	1.8
5	☐	250.000	268.037	1557136.87	2.3790	P	0.3
6	☐	500.000	510.069	3039234.19	4.5272	P	0.4
7	☐	1000.000	1017.206	5828464.29	9.0282	A	0.4
8	☐	2000.000	1986.168	11563220.66	17.6280	A	0.5
9	☐			43348.26	0.0692	P	1.7

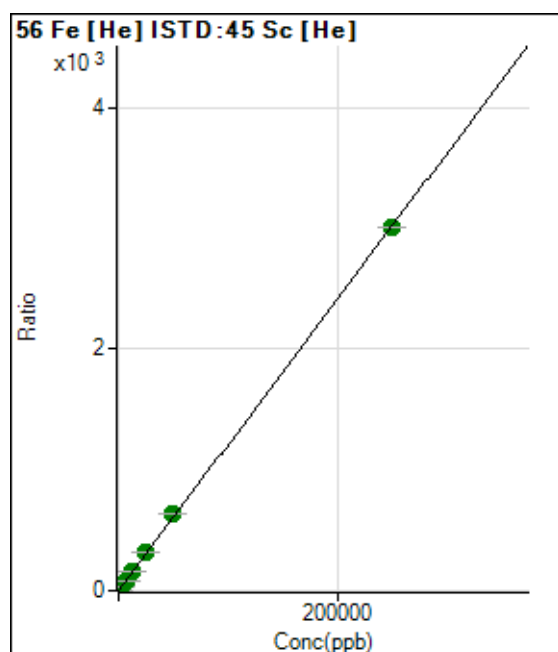
$$y = 0.0089 * x + 1.2972E-004$$

$$R = 0.9999$$

$$DL = 0.01285$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11119.33	0.0164	P	1.1
2	☐	5.000	6.181	63014.74	0.0909	P	2.0
3	☐	50.000	60.056	500943.50	0.7402	P	0.7
4	☐	2500.000	2856.488	22623196.11	34.4439	A	1.0
5	☐	6250.000	7009.438	55304815.59	84.4968	A	0.4
6	☐	12500.000	13279.372	107456753.33	160.0644	A	0.2
7	☐	25000.000	26852.925	208947923.19	323.6580	A	0.5
8	☐	50000.000	52417.621	414413824.08	631.7734	A	0.7
9	☐	250000.00	249269.66	1881432590.2	3,004.308	A	0.1

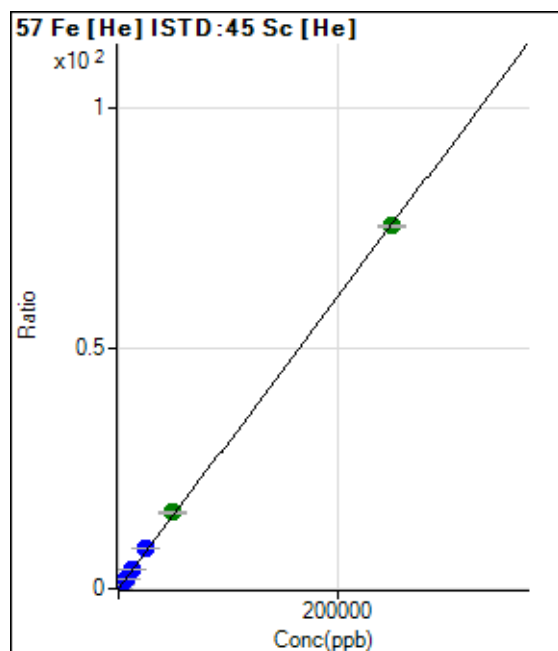
$$y = 0.0121 * x + 0.0164$$

$$R = 0.9999$$

$$DL = 0.04391$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	211.12	0.0003	P	15.5
2	☐	5.000	6.244	1524.21	0.0022	P	10.4
3	☐	50.000	58.572	12192.40	0.0180	P	1.8
4	☐	2500.000	2873.820	570756.50	0.8690	P	1.3
5	☐	6250.000	7048.978	1394818.25	2.1311	P	0.5
6	☐	12500.000	13359.850	2711329.40	4.0387	P	0.5
7	☐	25000.000	27279.452	5323595.03	8.2463	P	0.6
8	☐	50000.000	52295.552	10369268.29	15.8081	A	0.8
9	☐	250000.00	249246.23	47182132.07	75.3417	A	0.8

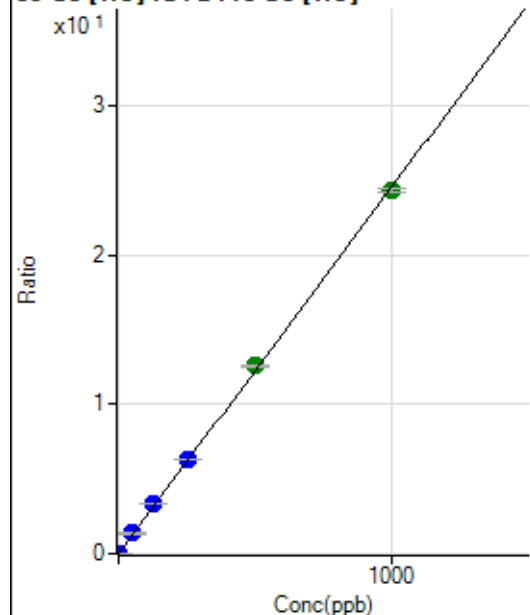
$$y = 3.0228E-004 * x + 3.1160E-004$$

$$R = 0.9999$$

$$DL = 0.4804$$

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	161.11	0.0002	P	9.0
2	☐	0.100	0.101	1890.15	0.0027	P	4.4
3	☐	1.000	1.039	17422.77	0.0257	P	0.7
4	☐	50.000	55.141	889447.21	1.3542	P	1.4
5	☐	125.000	134.919	2168548.48	3.3132	P	0.6
6	☐	250.000	256.219	4223820.98	6.2917	P	0.4
7	☐	500.000	513.034	8132846.41	12.5979	A	0.6
8	☐	1000.000	990.431	15952802.40	24.3204	A	0.9
9	☐			168104.17	0.2684	P	0.8

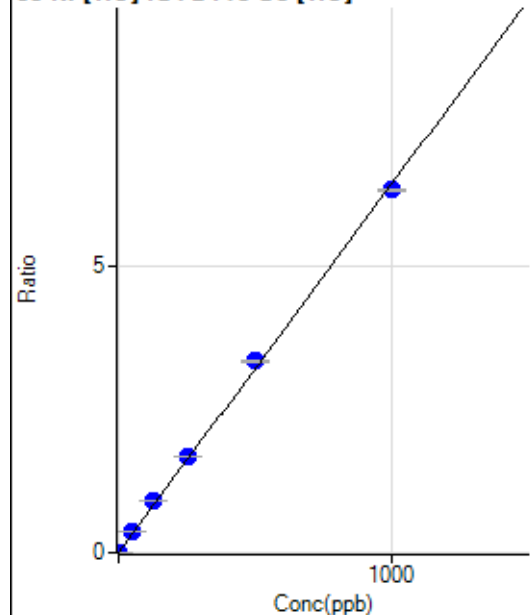
$$y = 0.0246 * x + 2.3785E-004$$

$$R = 0.9998$$

$$DL = 0.002602$$

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	190.00	0.0003	P	19.9
2	☐	0.100	0.171	956.71	0.0014	P	4.8
3	☐	1.000	1.189	5367.74	0.0079	P	1.9
4	☐	50.000	56.806	240189.40	0.3657	P	2.0
5	☐	125.000	138.874	584931.89	0.8937	P	0.4
6	☐	250.000	261.600	1129978.66	1.6832	P	0.8
7	☐	500.000	520.478	2161753.65	3.3486	P	0.9
8	☐	1000.000	984.786	4155889.49	6.3356	P	0.4
9	☐			44806.21	0.0715	P	0.6

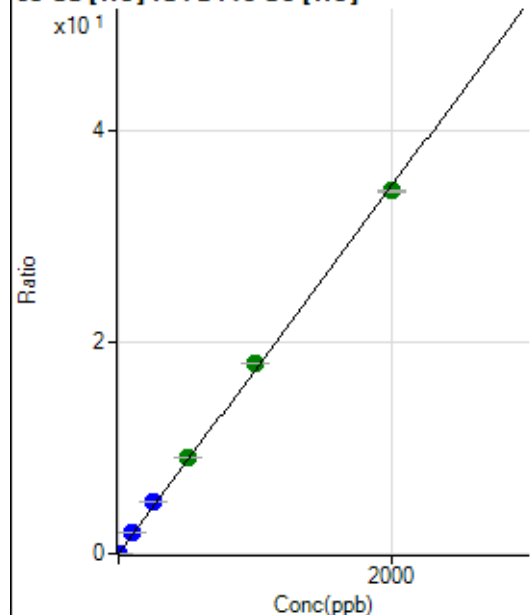
$$y = 0.0064 * x + 2.8071E-004$$

$$R = 0.9996$$

$$DL = 0.02601$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2669.18	0.0039	P	3.6
2	☐	0.200	0.243	5657.85	0.0082	P	1.8
3	☐	2.000	2.164	28064.87	0.0415	P	1.2
4	☐	100.000	114.098	1302120.28	1.9826	P	1.6
5	☐	250.000	279.276	3172482.91	4.8470	P	0.4
6	☐	500.000	519.857	6054767.89	9.0191	A	0.6
7	☐	1000.000	1032.961	11567027.19	17.9172	A	0.4
8	☐	2000.000	1974.191	22459943.83	34.2396	A	0.3
9	☐			23075.11	0.0368	P	1.0

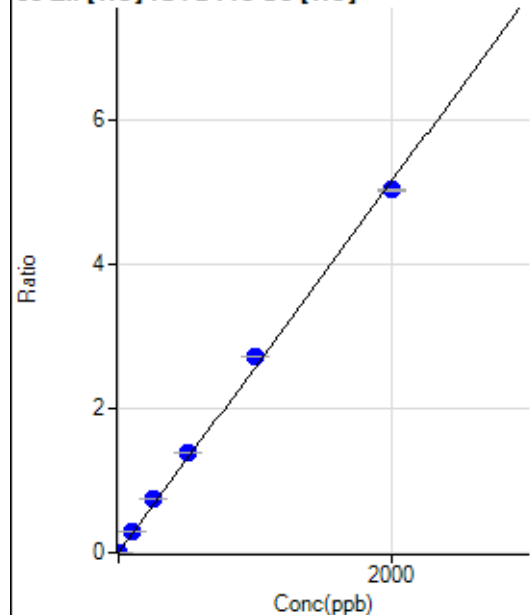
$$y = 0.0173 * x + 0.0039$$

$$R = 0.9997$$

$$DL = 0.02423$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	697.81	0.0010	P	8.8
2	☐	0.200	0.546	1685.68	0.0024	P	5.6
3	☐	2.000	2.442	4940.91	0.0073	P	4.8
4	☐	100.000	117.587	199001.13	0.3030	P	2.0
5	☐	250.000	286.863	482859.25	0.7377	P	0.5
6	☐	500.000	538.343	928826.42	1.3836	P	0.4
7	☐	1000.000	1058.943	1756353.03	2.7205	P	0.2
8	☐	2000.000	1955.455	3294817.90	5.0229	P	0.3
9	☐			11788.23	0.0188	P	1.4

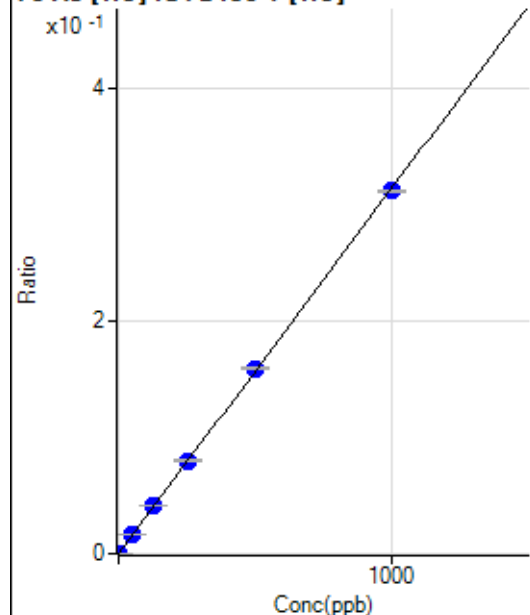
$$y = 0.0026 * x + 0.0010$$

$$R = 0.9991$$

$$DL = 0.1057$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14.20	0.0000	P	65.3
2	☐	0.100	0.079	96.30	0.0000	P	9.5
3	☐	1.000	1.069	1090.79	0.0003	P	9.8
4	☐	50.000	53.393	52576.60	0.0168	P	1.1
5	☐	125.000	132.706	130278.34	0.0417	P	0.4
6	☐	250.000	254.795	255786.64	0.0800	P	1.4
7	☐	500.000	507.805	491911.88	0.1594	P	0.3
8	☐	1000.000	993.766	957056.51	0.3119	P	0.8
9	☐			1174.75	0.0004	P	4.9

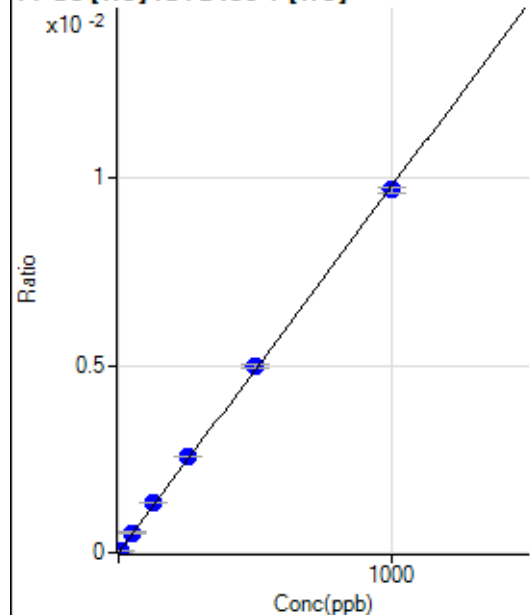
$$y = 3.1389\text{E-}004 * x + 4.4181\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.02759$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500	0.588	18.89	0.0000	P	83.3
3	☐	5.000	5.844	183.34	0.0001	P	19.8
4	☐	50.000	54.514	1669.02	0.0005	P	5.7
5	☐	125.000	137.091	4186.22	0.0013	P	2.3
6	☐	250.000	261.635	8171.32	0.0026	P	0.5
7	☐	500.000	508.542	15324.95	0.0050	P	2.2
8	☐	1000.000	991.079	29691.72	0.0097	P	1.8
9	☐			5.55	0.0000	P	124.

$$y = 9.7655\text{E-}006 * x + 0.0000\text{E+}000$$

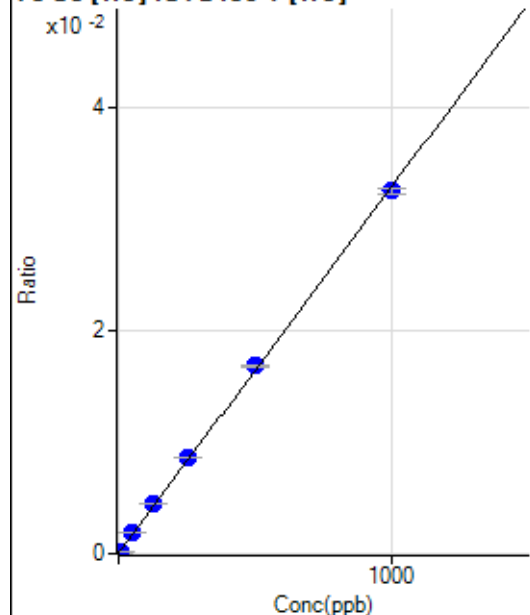
$$R = 0.9998$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97.53	0.0000	P	13.8
2	☐	0.500	0.563	160.50	0.0000	P	14.4
3	☐	5.000	5.737	703.11	0.0002	P	2.8
4	☐	50.000	56.111	5878.40	0.0019	P	0.2
5	☐	125.000	135.789	14048.86	0.0045	P	0.4
6	☐	250.000	261.537	27582.40	0.0086	P	1.0
7	☐	500.000	512.165	52031.08	0.0169	P	0.7
8	☐	1000.000	989.375	99835.20	0.0325	P	1.3
9	☐			124.08	0.0000	P	9.8

$$y = 3.2861\text{E-}005 * x + 3.0392\text{E-}005$$

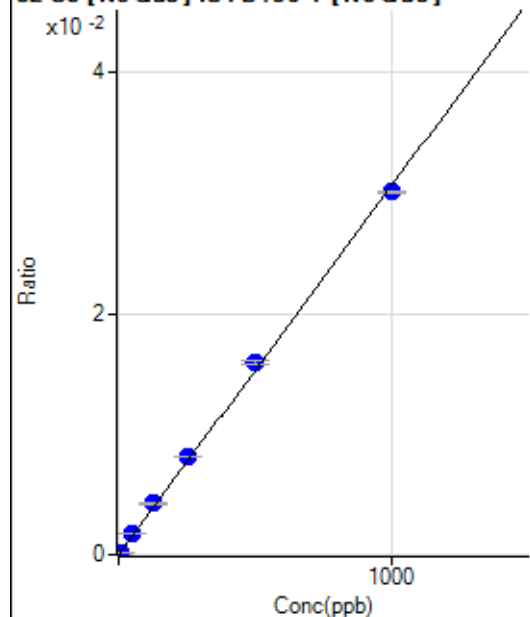
$$R = 0.9998$$

$$DL = 0.3825$$

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	92.51	0.0000	P	82.8
2	☐	0.500	0.550	520.16	0.0000	P	24.5
3	☐	5.000	5.658	4571.79	0.0002	P	0.5
4	☐	50.000	56.359	42015.54	0.0017	P	1.2
5	☐	125.000	138.498	103181.33	0.0042	P	1.3
6	☐	250.000	265.970	199571.41	0.0081	P	0.2
7	☐	500.000	520.576	377649.65	0.0159	P	2.1
8	☐	1000.000	983.711	721579.16	0.0301	P	0.3
9	☐			378.67	0.0000	P	23.3

$$y = 3.0608\text{E-}005 * x + 3.6307\text{E-}006$$

$$R = 0.9995$$

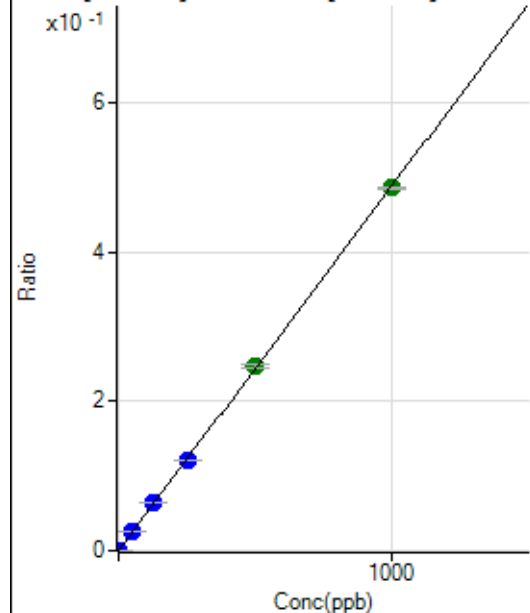
$$DL = 0.2948$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			1006.72		P	5.6
2	☐			1070.06		P	8.3
3	☐			992.27		P	5.7
4	☐			997.83		P	8.0
5	☐			1010.05		P	6.7
6	☐			974.49		P	1.5
7	☐			965.61		P	6.0
8	☐			1098.95		P	7.5
9	☐			1130.07		P	5.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1636.28	0.0001	P	3.3
2	☐	0.100	0.084	2672.59	0.0001	P	10.5
3	☐	1.000	0.819	12002.77	0.0005	P	1.1
4	☐	50.000	52.249	621913.22	0.0256	P	1.3
5	☐	125.000	129.787	1543532.36	0.0635	P	0.7
6	☐	250.000	249.923	2993282.27	0.1222	P	0.5
7	☐	500.000	506.612	5865973.92	0.2476	A	1.9
8	☐	1000.000	996.002	11660520.66	0.4866	A	0.4
9	☐			40566.55	0.0018	P	1.7

$$y = 4.8851E-004 * x + 6.4236E-005$$

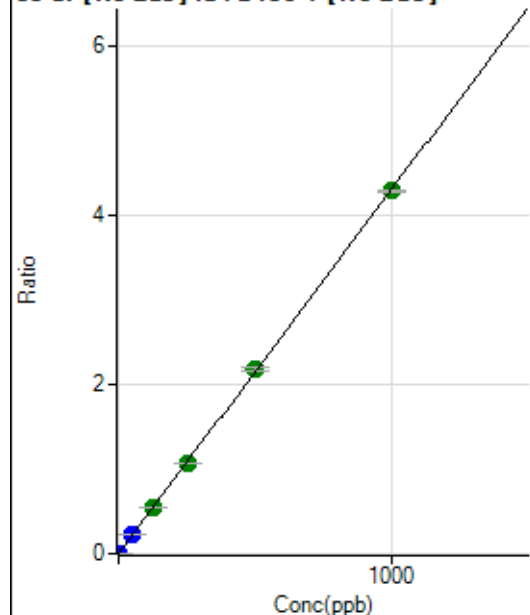
$$R = 1.0000$$

$$DL = 0.01287$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	300.02	0.0000	P	23.1
2	☐	0.100	0.084	9514.61	0.0004	P	4.1
3	☐	1.000	0.829	92640.28	0.0036	P	0.6
4	☐	50.000	52.604	5509725.25	0.2267	P	1.2
5	☐	125.000	128.272	13443901.17	0.5528	A	0.6
6	☐	250.000	249.147	26309830.97	1.0737	A	0.4
7	☐	500.000	506.993	51774093.87	2.1849	A	1.6
8	☐	1000.000	996.178	102869512.72	4.2930	A	0.2
9	☐			344019.40	0.0154	P	2.0

$$y = 0.0043 * x + 1.1784E-005$$

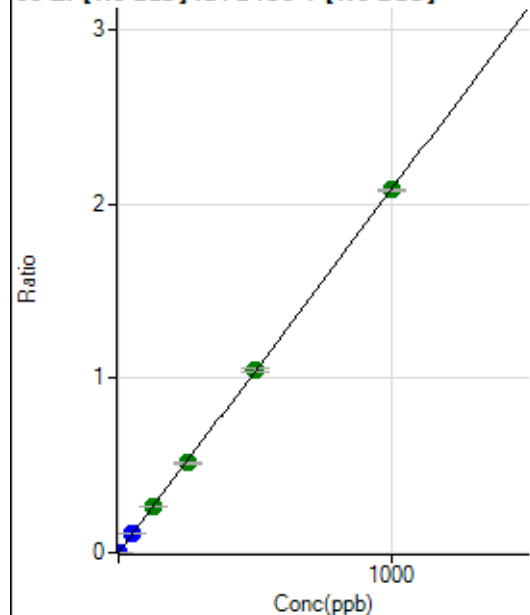
$$R = 1.0000$$

$$DL = 0.001892$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1700.18	0.0001	P	7.5
2	☐	0.100	0.095	6712.97	0.0003	P	1.4
3	☐	1.000	0.968	53994.48	0.0021	P	1.4
4	☐	50.000	51.307	2604937.27	0.1072	P	1.1
5	☐	125.000	127.098	6454798.63	0.2654	A	0.5
6	☐	250.000	246.542	12613704.80	0.5148	A	0.7
7	☐	500.000	504.169	24942235.63	1.0526	A	2.3
8	☐	1000.000	998.452	49950551.81	2.0846	A	0.2
9	☐			12164.08	0.0005	P	4.1

$$y = 0.0021 * x + 6.6753E-005$$

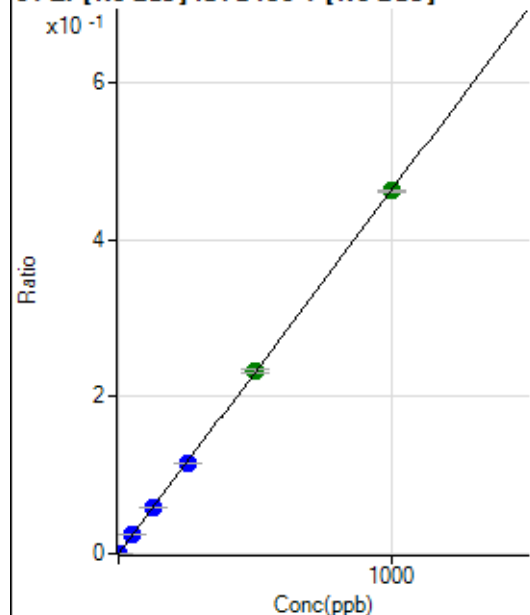
$$R = 1.0000$$

$$DL = 0.00717$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	294.46	0.0000	P	35.3
2	☐	0.100	0.088	1336.24	0.0001	P	5.3
3	☐	1.000	0.996	12241.86	0.0005	P	2.5
4	☐	50.000	51.737	583379.65	0.0240	P	0.8
5	☐	125.000	127.767	1441196.50	0.0593	P	0.7
6	☐	250.000	247.246	2809667.68	0.1147	P	0.7
7	☐	500.000	504.053	5538751.56	0.2338	A	2.4
8	☐	1000.000	998.230	11092425.33	0.4629	A	0.5
9	☐			2700.38	0.0001	P	5.8

$$y = 4.6373\text{E-}004 * x + 1.1551\text{E-}005$$

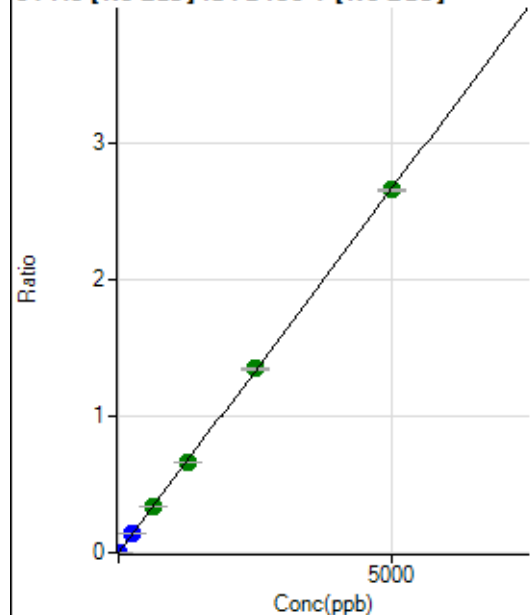
$$R = 1.0000$$

$$DL = 0.0264$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	636.16	0.0000	P	1.1
2	☐	0.500	0.466	6957.56	0.0003	P	2.1
3	☐	5.000	4.740	66028.50	0.0026	P	0.8
4	☐	250.000	260.798	3381651.12	0.1391	P	1.3
5	☐	625.000	641.091	8317511.21	0.3420	A	0.6
6	☐	1250.000	1236.732	16165846.72	0.6597	A	0.4
7	☐	2500.000	2525.583	31925414.95	1.3473	A	1.6
8	☐	5000.000	4987.975	63758193.78	2.6608	A	0.4
9	☐			27480.10	0.0012	P	3.9

$$y = 5.3343\text{E-}004 * x + 2.4974\text{E-}005$$

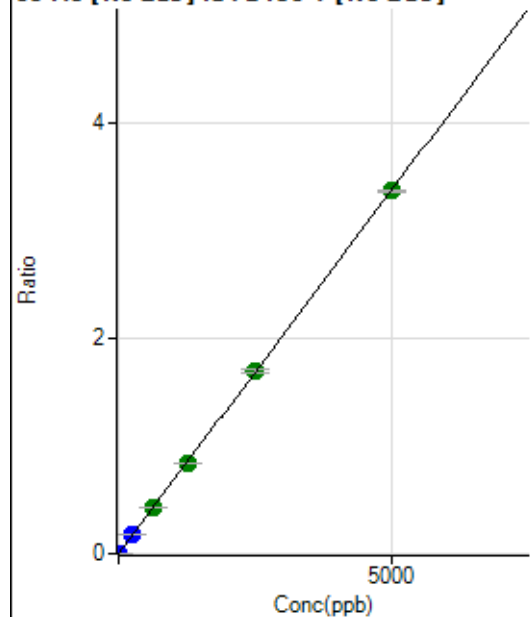
$$R = 1.0000$$

$$DL = 0.00149$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	205.57	0.0000	P	16.7
2	☐	0.500	0.468	8230.51	0.0003	P	2.0
3	☐	5.000	4.663	81549.79	0.0032	P	0.9
4	☐	250.000	258.992	4247192.63	0.1748	P	1.1
5	☐	625.000	638.363	10474954.92	0.4307	A	0.7
6	☐	1250.000	1241.359	20523137.09	0.8376	A	0.5
7	☐	2500.000	2516.192	40228964.44	1.6977	A	1.9
8	☐	5000.000	4991.944	80707511.52	3.3681	A	0.2
9	☐			45231.20	0.0020	P	3.6

$$y = 6.7471\text{E-}004 * x + 8.0729\text{E-}006$$

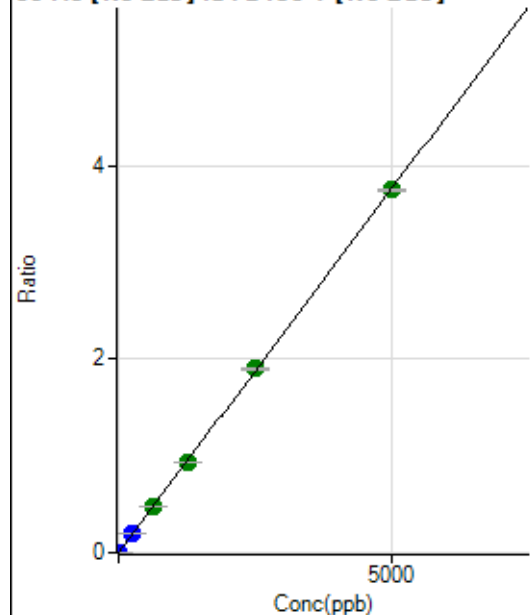
$$R = 1.0000$$

$$DL = 0.006$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	441.69	0.0000	P	13.0
2	☐	0.500	0.470	9417.35	0.0004	P	1.7
3	☐	5.000	4.646	90670.89	0.0035	P	1.0
4	☐	250.000	259.173	4731760.78	0.1947	P	0.8
5	☐	625.000	636.553	11628441.40	0.4781	A	0.6
6	☐	1250.000	1238.023	22786119.09	0.9299	A	0.7
7	☐	2500.000	2525.127	44945309.69	1.8967	A	1.7
8	☐	5000.000	4988.528	89786490.90	3.7470	A	0.2
9	☐			71645.11	0.0032	P	3.4

$$y = 7.5113\text{E-}004 * x + 1.7336\text{E-}005$$

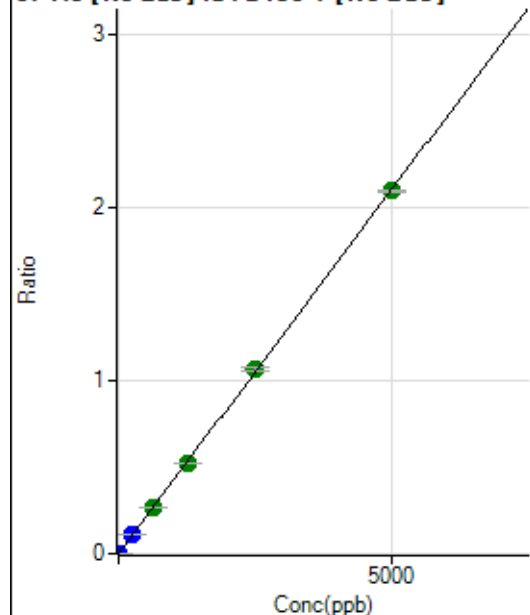
$$R = 1.0000$$

$$DL = 0.008978$$

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	116.67	0.0000	P	32.9
2	☐	0.500	0.479	5220.64	0.0002	P	2.3
3	☐	5.000	4.632	50386.99	0.0019	P	1.7
4	☐	250.000	259.865	2651018.27	0.1091	P	1.4
5	☐	625.000	638.341	6516413.51	0.2679	A	0.4
6	☐	1250.000	1238.617	12739434.14	0.5199	A	0.4
7	☐	2500.000	2531.102	25175430.07	1.0624	A	1.8
8	☐	5000.000	4985.134	50140103.90	2.0925	A	0.3
9	☐			23926.61	0.0011	P	5.0

$$y = 4.1974\text{E-}004 * x + 4.5816\text{E-}006$$

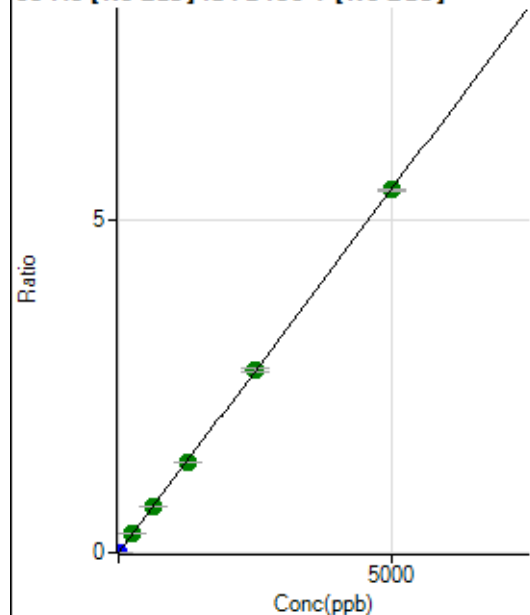
$$R = 1.0000$$

$$DL = 0.01077$$

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	336.13	0.0000	P	12.4
2	☐	0.500	0.461	13142.73	0.0005	P	2.9
3	☐	5.000	4.575	129637.97	0.0050	P	2.2
4	☐	250.000	255.068	6777201.37	0.2789	A	1.4
5	☐	625.000	636.568	16924847.95	0.6959	A	0.7
6	☐	1250.000	1237.424	33148022.27	1.3528	A	0.7
7	☐	2500.000	2520.409	65290341.74	2.7554	A	2.1
8	☐	5000.000	4991.241	130751436.26	5.4566	A	0.3
9	☐			56206.65	0.0025	P	5.4

$$y = 0.0011 * x + 1.3192\text{E-}005$$

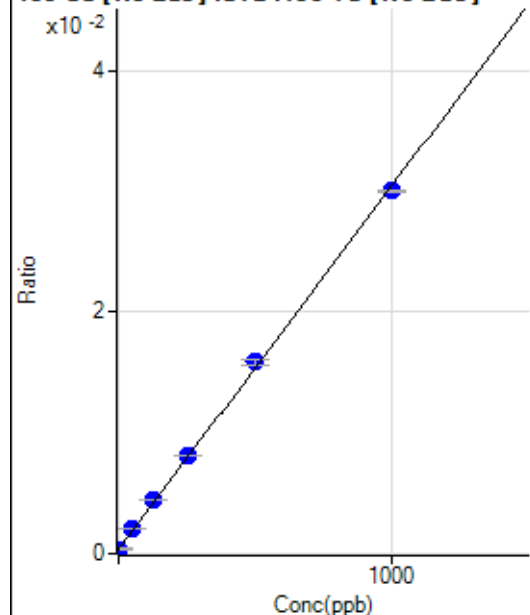
$$R = 1.0000$$

$$DL = 0.00449$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12378.12	0.0004	P	5.4
2	☐	0.100	0.576	12836.89	0.0004	P	1.4
3	☐	1.000	1.485	14079.76	0.0004	P	5.9
4	☐	50.000	56.743	70285.88	0.0021	P	1.2
5	☐	125.000	137.988	153414.69	0.0045	P	0.7
6	☐	250.000	259.296	283486.55	0.0082	P	0.9
7	☐	500.000	517.192	532681.93	0.0159	P	3.2
8	☐	1000.000	987.119	1025697.83	0.0300	P	0.6
9	☐			11633.03	0.0004	P	2.3

$$y = 3.0082\text{E-}005 * x + 3.5096\text{E-}004$$

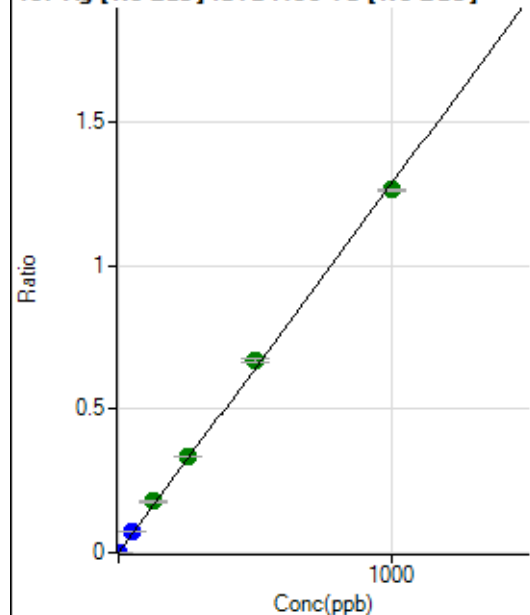
$$R = 0.9997$$

$$DL = 1.886$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	302.80	0.0000	P	8.9
2	☐	0.100	0.126	5954.29	0.0002	P	2.2
3	☐	1.000	1.216	55933.81	0.0016	P	1.1
4	☐	50.000	57.251	2514753.62	0.0736	P	1.3
5	☐	125.000	138.921	6087869.71	0.1787	A	1.2
6	☐	250.000	261.405	11690929.34	0.3362	A	0.8
7	☐	500.000	522.895	22516629.50	0.6724	A	2.3
8	☐	1000.000	983.599	43180061.38	1.2649	A	0.6
9	☐			2969.90	0.0001	P	6.6

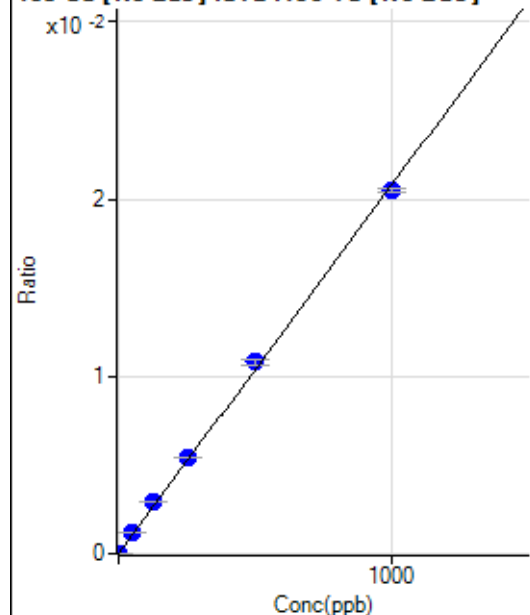
$$y = 0.0013 * x + 8.5895\text{E-}006$$

$$R = 0.9995$$

$$DL = 0.001778$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31.95	0.0000	P	41.8
2	☐	0.100	0.137	130.56	0.0000	P	9.3
3	☐	1.000	0.993	766.71	0.0000	P	6.7
4	☐	50.000	56.854	40384.08	0.0012	P	1.7
5	☐	125.000	139.935	99124.39	0.0029	P	1.9
6	☐	250.000	260.629	188401.58	0.0054	P	0.8
7	☐	500.000	520.523	362242.03	0.0108	P	2.9
8	☐	1000.000	984.872	698749.04	0.0205	P	1.0
9	☐			125.00	0.0000	P	27.5

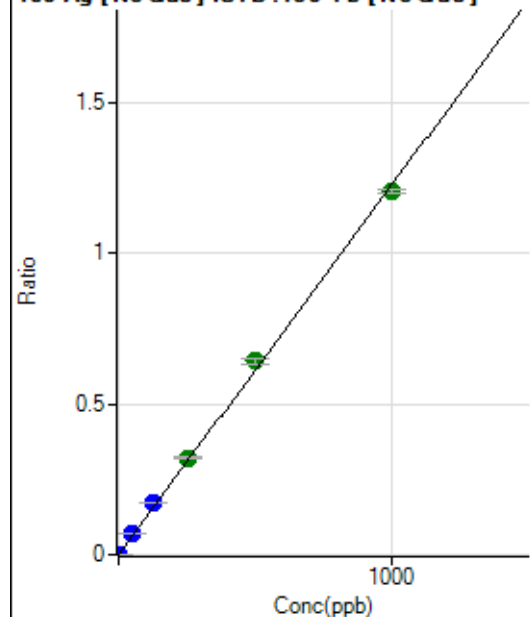
$$y = 2.0782\text{E-}005 * x + 9.0533\text{E-}007$$

$$R = 0.9996$$

$$DL = 0.05464$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	208.34	0.0000	P	11.0
2	☐	0.100	0.131	5795.87	0.0002	P	0.9
3	☐	1.000	1.227	53767.40	0.0015	P	1.8
4	☐	50.000	57.743	2419424.03	0.0708	P	1.3
5	☐	125.000	140.470	5871586.16	0.1723	P	2.4
6	☐	250.000	262.366	11193174.04	0.3218	A	0.8
7	☐	500.000	524.482	21544298.40	0.6434	A	2.4
8	☐	1000.000	982.347	41137659.95	1.2050	A	1.0
9	☐			2967.18	0.0001	P	6.5

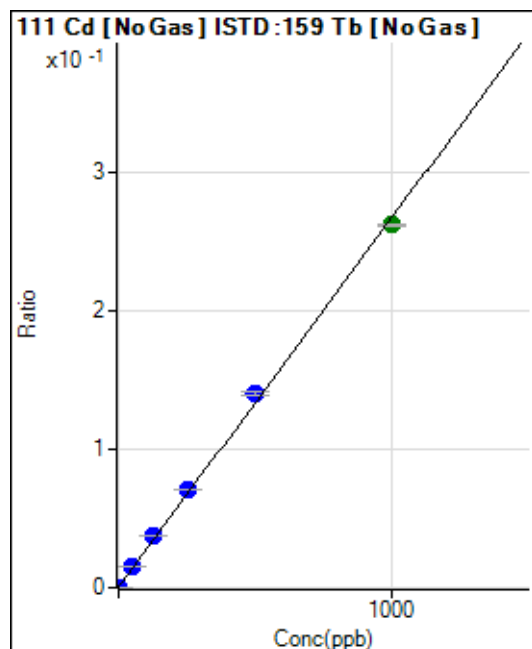
$$y = 0.0012 * x + 5.9102\text{E-}006$$

$$R = 0.9994$$

$$DL = 0.00159$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8667.33	0.0002	P	5.6
2	☐	0.100	0.143	9891.72	0.0003	P	1.8
3	☐	1.000	1.080	18985.15	0.0005	P	3.1
4	☐	50.000	57.081	528015.80	0.0155	P	0.6
5	☐	125.000	139.648	1276611.90	0.0375	P	2.1
6	☐	250.000	263.651	2452438.51	0.0705	P	0.3
7	☐	500.000	525.373	4697007.60	0.1403	P	2.5
8	☐	1000.000	981.716	8940664.78	0.2619	A	0.6
9	☐			8805.65	0.0003	P	2.4

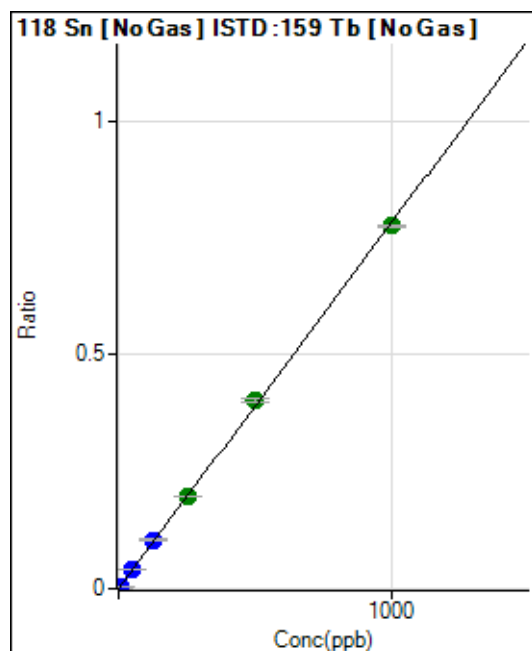
$$y = 2.6652\text{E-}004 * x + 2.4575\text{E-}004$$

$$R = 0.9994$$

$$DL = 0.154$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1533.48	0.0000	P	9.1
2	☐	0.500	0.531	16006.92	0.0005	P	1.2
3	☐	5.000	5.143	144853.60	0.0041	P	0.7
4	☐	50.000	53.551	1433734.04	0.0420	P	1.5
5	☐	125.000	133.871	3573983.63	0.1049	P	0.9
6	☐	250.000	253.188	6896981.15	0.1983	A	1.0
7	☐	500.000	513.362	13463977.56	0.4021	A	2.1
8	☐	1000.000	991.235	26500970.04	0.7763	A	0.8
9	☐			14497.09	0.0005	P	1.9

$$y = 7.8311\text{E-}004 * x + 4.3483\text{E-}005$$

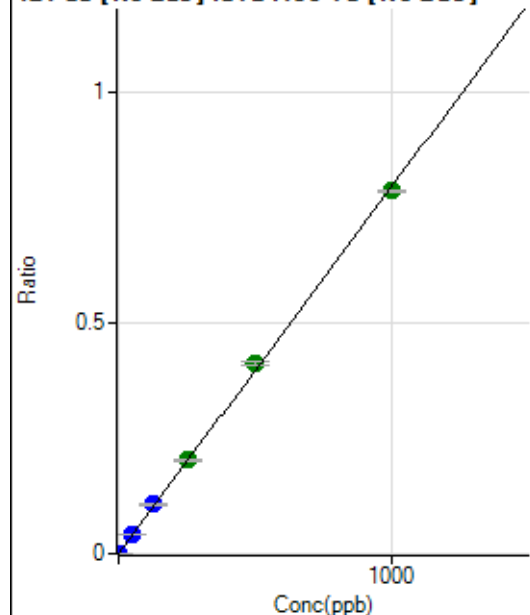
$$R = 0.9998$$

$$DL = 0.01517$$

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	158.34	0.0000	P	17.7
2	☐	0.200	0.203	5790.35	0.0002	P	3.6
3	☐	2.000	1.937	54958.59	0.0015	P	0.5
4	☐	50.000	53.968	1465470.16	0.0429	P	1.0
5	☐	125.000	134.643	3647435.93	0.1070	P	1.5
6	☐	250.000	254.290	7030402.50	0.2022	A	0.9
7	☐	500.000	516.678	13754814.72	0.4107	A	2.0
8	☐	1000.000	989.185	26845179.42	0.7864	A	0.4
9	☐			25067.81	0.0008	P	1.5

$$y = 7.9495E-004 * x + 4.4875E-006$$

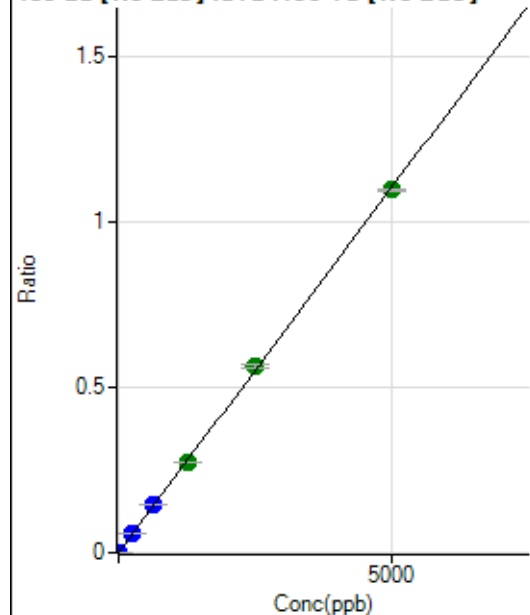
$$R = 0.9998$$

$$DL = 0.002989$$

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	44.44	0.0000	P	21.4
2	☐	1.000	1.016	7849.77	0.0002	P	4.7
3	☐	10.000	9.811	77033.25	0.0022	P	1.0
4	☐	250.000	262.978	1980794.75	0.0580	P	1.1
5	☐	625.000	664.840	4995942.17	0.1466	P	2.0
6	☐	1250.000	1241.962	9525407.68	0.2739	A	0.6
7	☐	2500.000	2551.142	18840008.23	0.5626	A	2.0
8	☐	5000.000	4970.810	37422854.31	1.0962	A	0.4
9	☐			4317.52	0.0001	P	1.4

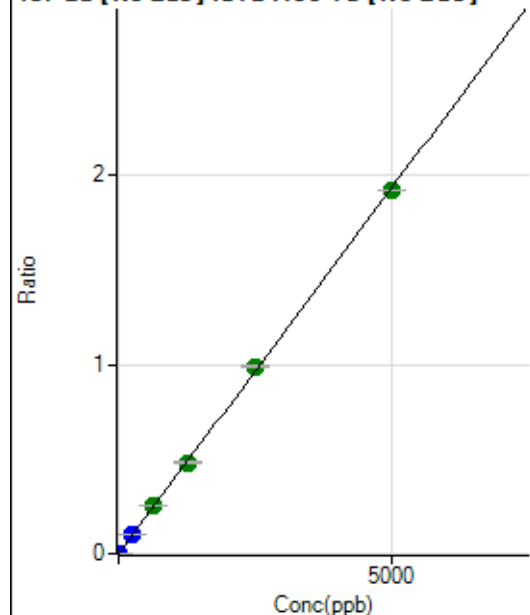
$$y = 2.2053E-004 * x + 1.2598E-006$$

$$R = 0.9999$$

$$DL = 0.003664$$

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	102.78	0.0000	P	19.1
2	☐	1.000	1.041	14099.35	0.0004	P	2.2
3	☐	10.000	9.925	136386.29	0.0038	P	1.6
4	☐	250.000	264.221	3482491.05	0.1020	P	1.5
5	☐	625.000	653.153	8589077.45	0.2521	A	1.1
6	☐	1250.000	1247.863	16746848.12	0.4815	A	1.2
7	☐	2500.000	2564.142	33136545.53	0.9895	A	1.8
8	☐	5000.000	4964.233	65398991.74	1.9157	A	0.1
9	☐			7596.84	0.0002	P	3.2

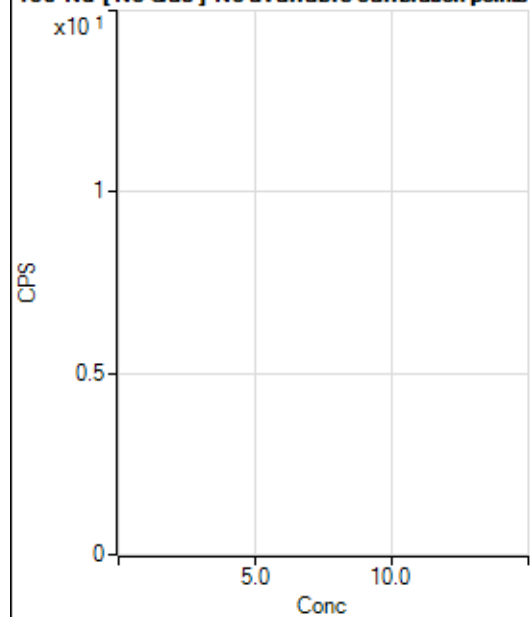
$$y = 3.8590E-004 * x + 2.9161E-006$$

$$R = 0.9999$$

$$DL = 0.004327$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			2.22		P	173.
2	☐			6.67		P	100.
3	☐			24.44		P	56.8
4	☐			197.79		P	22.4
5	☐			486.69		P	6.0
6	☐			886.73		P	15.5
7	☐			1655.71		P	5.7
8	☐			3622.83		P	5.2
9	☐			606.70		P	2.9

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			1.11		P	173.
4	☐			15.55		P	44.6
5	☐			47.78		P	14.5
6	☐			65.55		P	10.6
7	☐			144.45		P	15.0
8	☐			223.34		P	14.7
9	☐			202.23		P	6.9

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	114.
2	☐			22.22		P	21.6
3	☐			22.22		P	21.6
4	☐			61.11		P	28.4
5	☐			91.67		P	0.0
6	☐			166.68		P	21.8
7	☐			238.90		P	8.1
8	☐			766.74		P	11.8
9	☐			316.69		P	23.4

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	94.4
2	☐			12.22		P	83.3
3	☐			8.89		P	78.1
4	☐			36.67		P	27.3
5	☐			77.78		P	17.8
6	☐			146.67		P	15.7
7	☐			256.67		P	3.4
8	☐			544.46		P	8.3
9	☐			125.56		P	10.7

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			247.24		P	17.3
2	☐			216.68		P	17.6
3	☐			252.79		P	24.3
4	☐			247.24		P	12.8
5	☐			266.68		P	6.3
6	☐			275.02		P	6.1
7	☐			261.13		P	16.4
8	☐			313.91		P	10.1
9	☐			416.70		P	16.4

160 Gd [He] No available calibration points

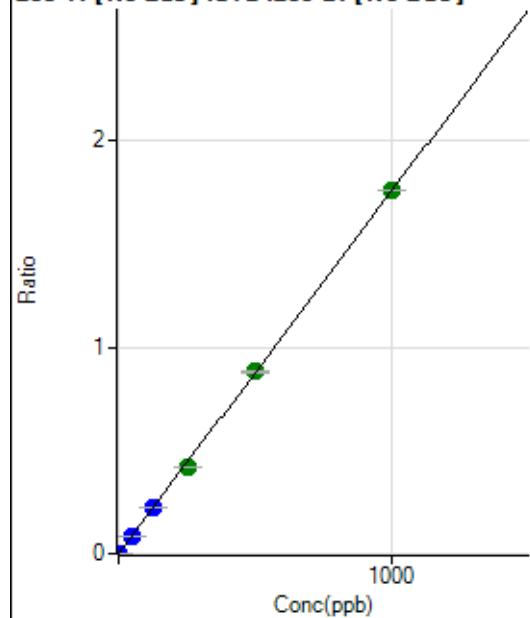
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			495.57		P	5.7
2	☐			562.24		P	6.2
3	☐			561.13		P	10.7
4	☐			521.13		P	4.5
5	☐			456.68		P	13.5
6	☐			510.02		P	5.3
7	☐			531.13		P	9.6
8	☐			486.68		P	11.0
9	☐			608.91		P	9.7

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			88.89		P	23.6
2	☐			141.67		P	11.8
3	☐			141.67		P	21.2
4	☐			125.01		P	33.3
5	☐			102.78		P	44.7
6	☐			100.00		P	25.0
7	☐			136.12		P	25.5
8	☐			144.45		P	28.5
9	☐			175.01		P	29.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			58.89		P	38.5
2	☐			28.89		P	33.3
3	☐			44.45		P	47.6
4	☐			58.89		P	18.2
5	☐			43.33		P	15.4
6	☐			37.78		P	28.4
7	☐			58.89		P	13.1
8	☐			64.45		P	10.8
9	☐			78.89		P	21.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	786.18	0.0000	P	7.1
2	☐	0.100	0.094	4603.83	0.0002	P	2.7
3	☐	1.000	0.868	36918.92	0.0016	P	2.0
4	☐	50.000	49.949	1964420.18	0.0877	P	0.8
5	☐	125.000	126.247	4926995.94	0.2216	P	2.2
6	☐	250.000	240.848	9386931.02	0.4226	A	0.3
7	☐	500.000	501.855	18266691.90	0.8806	A	1.3
8	☐	1000.000	1001.207	35427390.38	1.7568	A	0.1
9	☐			5134.55	0.0003	P	1.4

$$y = 0.0018 * x + 3.3035E-005$$

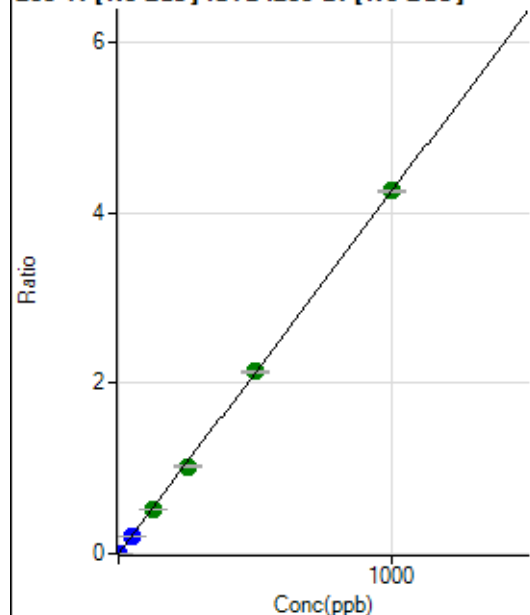
$$R = 1.0000$$

$$DL = 0.004023$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1864.11	0.0001	P	5.0
2	☐	0.100	0.088	10485.19	0.0005	P	4.3
3	☐	1.000	0.859	88337.80	0.0037	P	1.4
4	☐	50.000	49.583	4718015.12	0.2106	P	1.2
5	☐	125.000	122.975	11612536.81	0.5222	A	1.4
6	☐	250.000	240.710	22698932.10	1.0220	A	0.9
7	☐	500.000	501.908	44202168.00	2.1309	A	1.3
8	☐	1000.000	1001.643	85756172.75	4.2525	A	0.2
9	☐			12311.76	0.0008	P	4.0

$$y = 0.0042 * x + 7.8321E-005$$

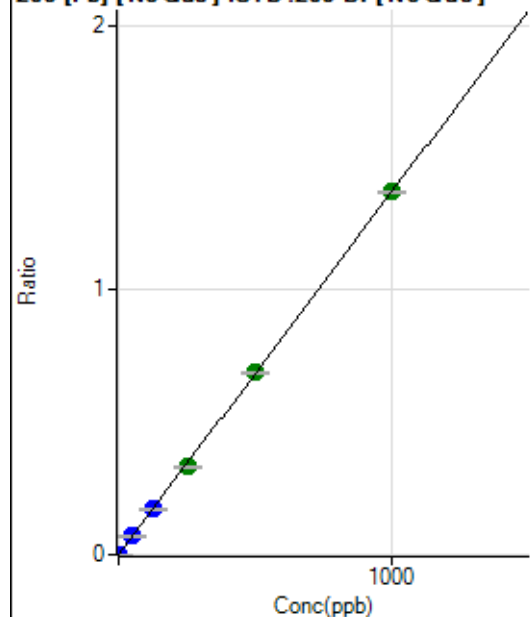
$$R = 1.0000$$

$$DL = 0.002755$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1970.58	0.0001	P	2.1
2	☐	0.100	0.098	5056.66	0.0002	P	2.4
3	☐	1.000	0.904	31328.16	0.0013	P	2.2
4	☐	50.000	50.412	1548623.05	0.0691	P	1.0
5	☐	125.000	125.653	3828610.79	0.1722	P	1.7
6	☐	250.000	241.588	7349983.96	0.3309	A	0.4
7	☐	500.000	502.294	14270523.35	0.6880	A	1.1
8	☐	1000.000	1000.854	27641573.54	1.3707	A	0.3
9	☐			21555.00	0.0014	P	1.2

$$y = 0.0014 * x + 8.2804E-005$$

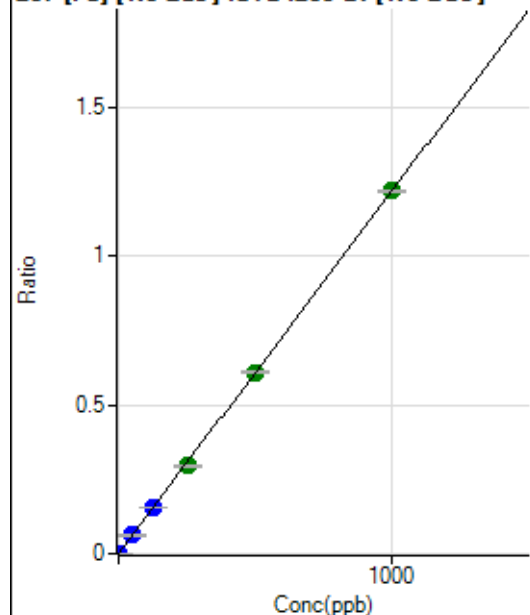
$$R = 1.0000$$

$$DL = 0.003833$$

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	1733.51	0.0001	P	5.6
2	☐	0.100	0.093	4319.35	0.0002	P	3.9
3	☐	1.000	0.856	26454.80	0.0011	P	0.8
4	☐	50.000	50.407	1377110.75	0.0615	P	0.9
5	☐	125.000	126.463	3426940.44	0.1541	P	1.1
6	☐	250.000	241.714	6540023.06	0.2945	A	0.4
7	☐	500.000	500.284	12640088.48	0.6094	A	1.5
8	☐	1000.000	1001.726	24604150.55	1.2201	A	0.8
9	☐			17795.80	0.0011	P	0.4

$$y = 0.0012 * x + 7.2842E-005$$

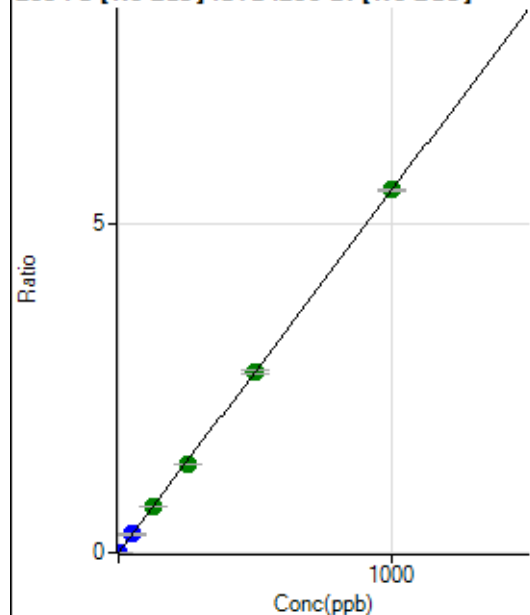
$$R = 1.0000$$

$$DL = 0.01009$$

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	7999.37	0.0003	P	2.0
2	☐	0.100	0.095	20041.73	0.0009	P	2.0
3	☐	1.000	0.879	122698.02	0.0052	P	1.6
4	☐	50.000	50.466	6234166.09	0.2783	P	1.0
5	☐	125.000	125.292	15352697.48	0.6903	A	0.7
6	☐	250.000	242.131	29623364.43	1.3338	A	0.4
7	☐	500.000	500.429	57171277.78	2.7562	A	1.6
8	☐	1000.000	1001.693	111249597.17	5.5167	A	0.6
9	☐			83253.85	0.0053	P	1.5

$$y = 0.0055 * x + 3.3612E-004$$

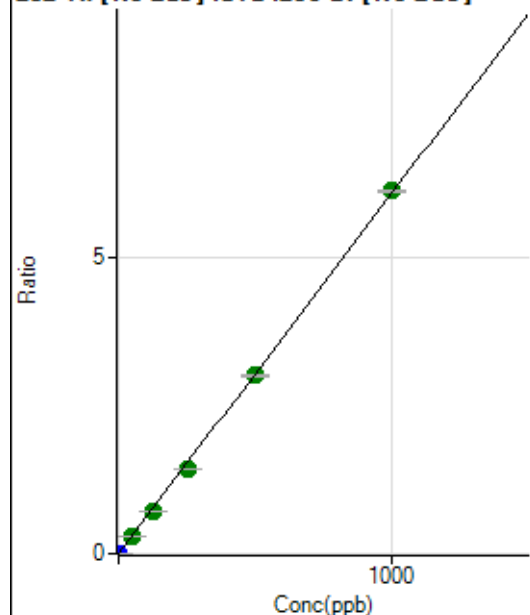
$$R = 1.0000$$

$$DL = 0.003678$$

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	325.94	0.0000	P	18.5
2	☐	0.100	0.083	11965.12	0.0005	P	1.6
3	☐	1.000	0.800	115288.40	0.0049	P	0.2
4	☐	50.000	46.384	6301060.38	0.2812	A	0.5
5	☐	125.000	118.735	16009493.18	0.7199	A	1.0
6	☐	250.000	233.375	31425421.77	1.4149	A	0.6
7	☐	500.000	494.295	62161541.67	2.9968	A	1.5
8	☐	1000.000	1007.973	123233815.72	6.1111	A	0.4
9	☐			15007.31	0.0010	P	6.4

$$y = 0.0061 * x + 1.3692E-005$$

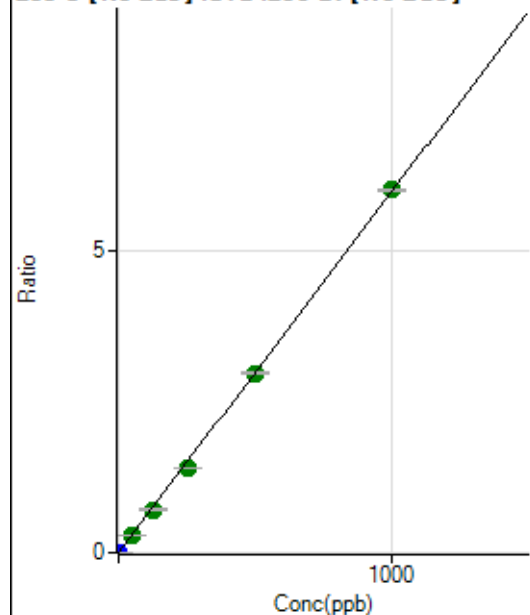
$$R = 0.9998$$

$$DL = 0.001251$$

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	155.56	0.0000	P	24.0
2	☐	0.100	0.086	12136.82	0.0005	P	1.1
3	☐	1.000	0.838	118732.37	0.0050	P	0.8
4	☐	50.000	47.150	6303315.07	0.2813	A	0.4
5	☐	125.000	119.707	15884301.57	0.7142	A	1.1
6	☐	250.000	234.039	31014747.22	1.3964	A	0.6
7	☐	500.000	497.866	61617398.60	2.9705	A	1.5
8	☐	1000.000	1005.862	121025507.57	6.0015	A	0.2
9	☐			6001.68	0.0004	P	2.7

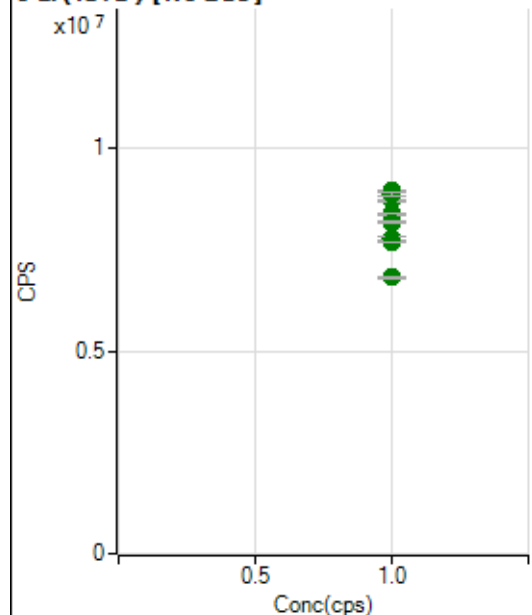
$$y = 0.0060 * x + 6.5350E-006$$

$$R = 0.9999$$

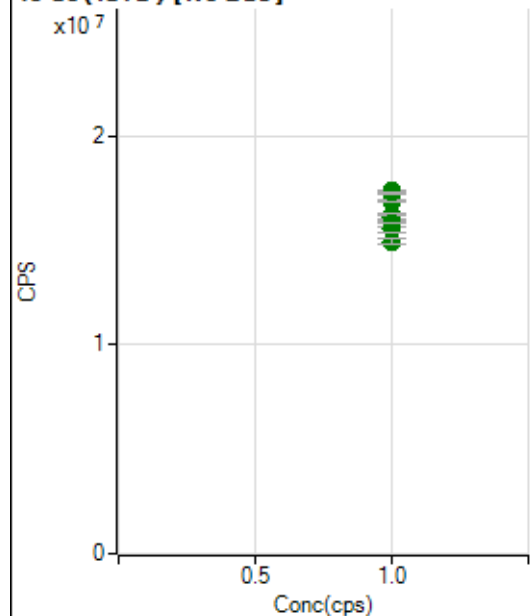
$$DL = 0.0007883$$

Weight: <None>

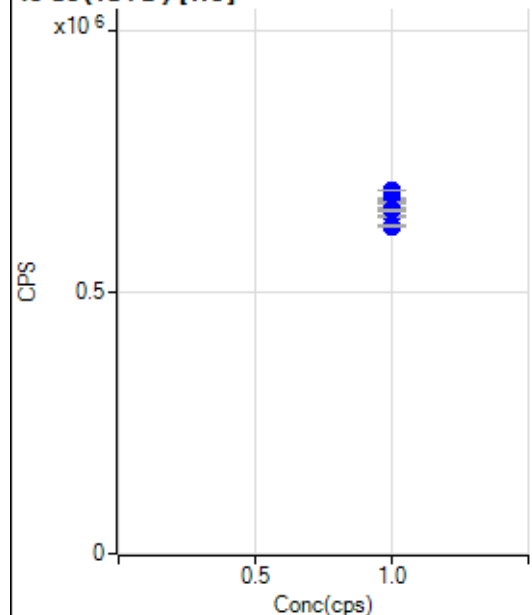
Min Conc: 0

6 Li (ISTD) [No Gas]

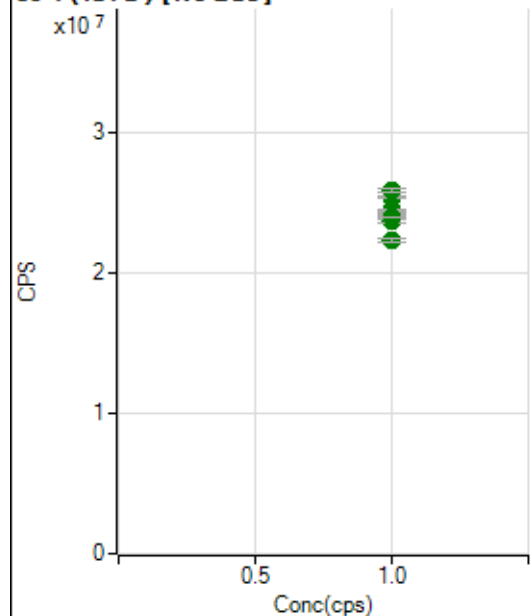
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8942197.48		A	0.1
2	☐	1.000		8715177.74		A	0.5
3	☐	1.000		8866972.69		A	0.8
4	☐	1.000		8375284.54		A	0.7
5	☐	1.000		8171637.33		A	0.9
6	☐	1.000		8165100.19		A	0.4
7	☐	1.000		7787631.64		A	1.3
8	☐	1.000		7673322.12		A	0.1
9	☐	1.000		6811141.09		A	0.4

45 Sc (ISTD) [No Gas]

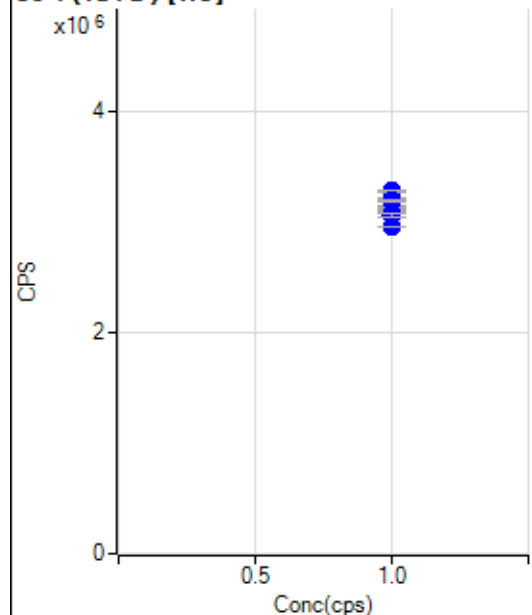
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		17365847.44		A	0.3
2	☐	1.000		16885907.49		A	0.4
3	☐	1.000		17281425.56		A	0.8
4	☐	1.000		16153892.20		A	1.4
5	☐	1.000		16008952.96		A	0.7
6	☐	1.000		16229111.65		A	0.6
7	☐	1.000		15518439.93		A	1.7
8	☐	1.000		15835800.70		A	0.4
9	☐	1.000		14930068.39		A	1.9

45 Sc (ISTD) [He]

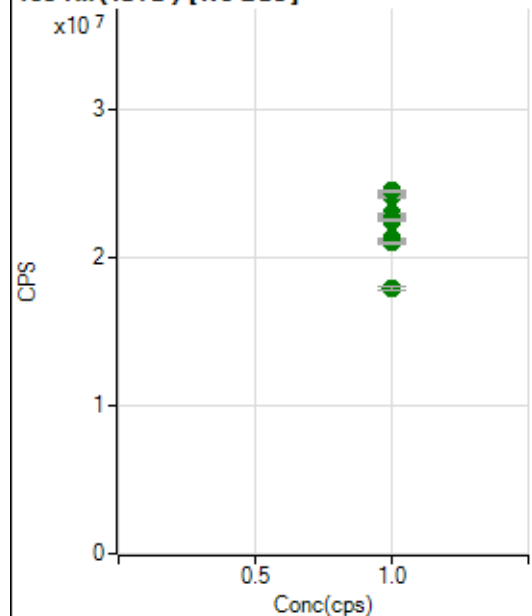
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		677226.64		P	0.5
2	☐	1.000		693067.43		P	0.2
3	☐	1.000		676747.14		P	0.6
4	☐	1.000		656871.32		P	1.4
5	☐	1.000		654522.56		P	0.2
6	☐	1.000		671338.23		P	0.5
7	☐	1.000		645595.91		P	0.8
8	☐	1.000		655969.90		P	0.7
9	☐	1.000		626245.83		P	0.2

89 Y (ISTD) [No Gas]

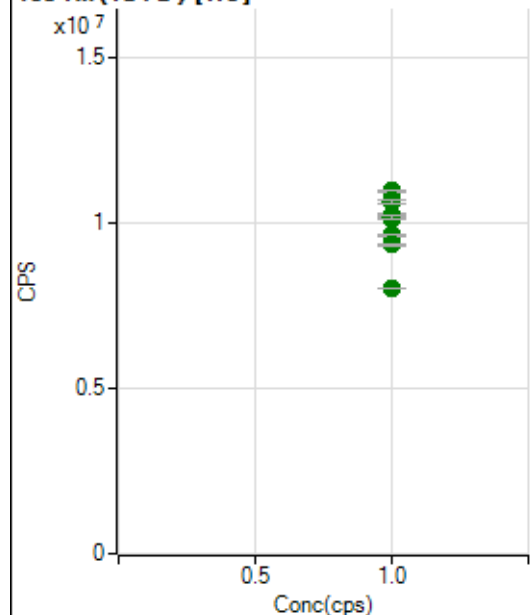
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		25473017.68		A	0.3
2	☐	1.000		25410942.95		A	0.5
3	☐	1.000		25856951.56		A	1.1
4	☐	1.000		24305719.08		A	1.2
5	☐	1.000		24320478.25		A	0.7
6	☐	1.000		24503667.13		A	0.5
7	☐	1.000		23699889.65		A	1.3
8	☐	1.000		23962128.81		A	0.2
9	☐	1.000		22339196.05		A	1.6

89 Y (ISTD) [He]

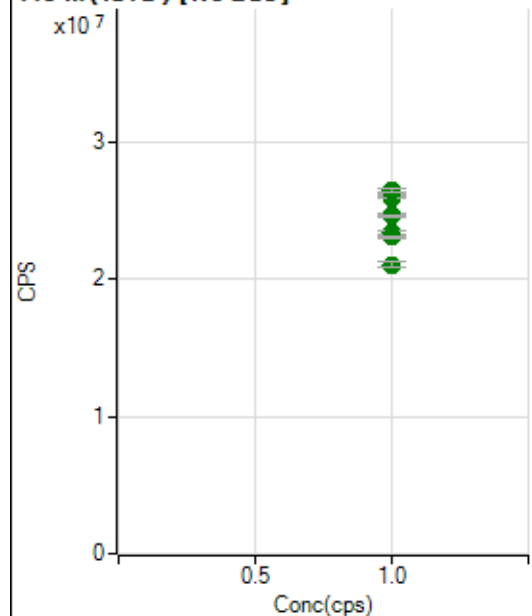
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3210080.89		P	0.3
2	☐	1.000		3285307.42		P	0.6
3	☐	1.000		3211091.27		P	0.9
4	☐	1.000		3136500.75		P	1.2
5	☐	1.000		3127201.31		P	0.6
6	☐	1.000		3198267.31		P	0.8
7	☐	1.000		3085973.77		P	0.6
8	☐	1.000		3068257.97		P	1.4
9	☐	1.000		2958388.29		P	0.1

103 Rh (ISTD) [No Gas]

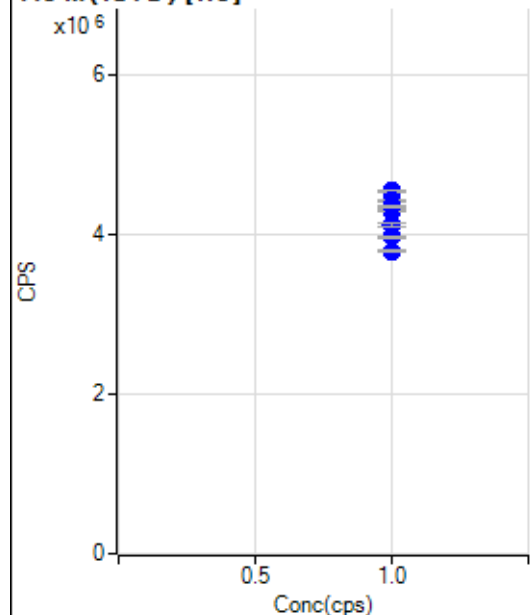
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		24292872.07		A	0.2
2	☐	1.000		24102302.62		A	0.3
3	☐	1.000		24490915.48		A	0.6
4	☐	1.000		22922930.03		A	1.0
5	☐	1.000		22560589.22		A	0.9
6	☐	1.000		22502556.06		A	0.2
7	☐	1.000		21261757.76		A	0.9
8	☐	1.000		20976594.91		A	0.3
9	☐	1.000		17928638.42		A	1.5

103 Rh (ISTD) [He]

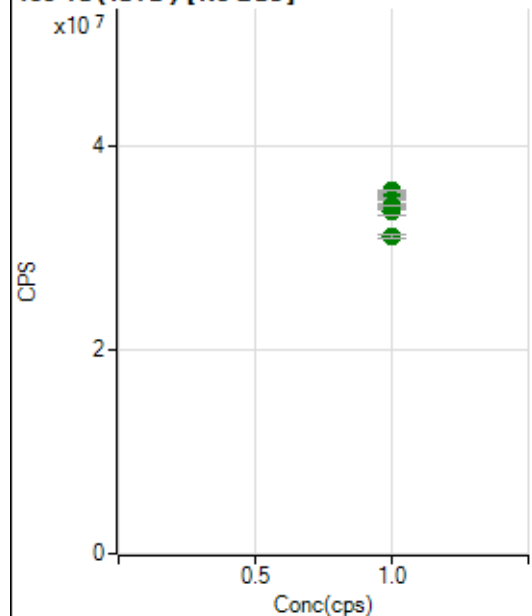
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10951581.78		A	0.3
2	☐	1.000		10695117.20		A	0.1
3	☐	1.000		10611216.44		A	1.0
4	☐	1.000		10196761.51		A	1.2
5	☐	1.000		10084644.50		A	0.3
6	☐	1.000		10174813.81		A	1.1
7	☐	1.000		9628765.48		A	0.6
8	☐	1.000		9339135.14		A	0.5
9	☐	1.000		8029615.71		A	0.2

115 In (ISTD) [No Gas]

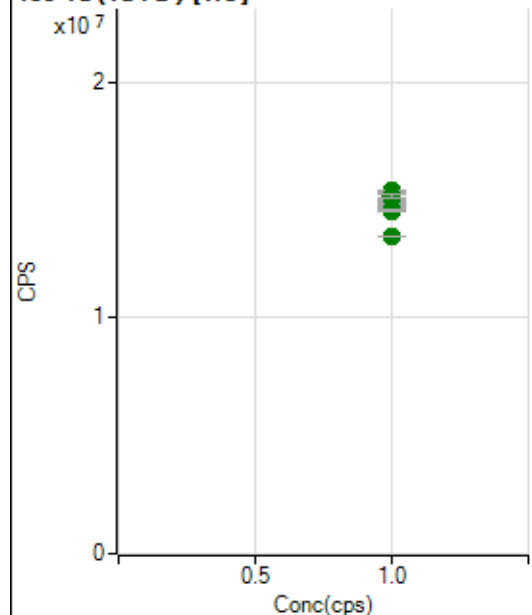
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		26066637.20		A	0.8
2	☐	1.000		25877900.38		A	0.4
3	☐	1.000		26395044.86		A	0.9
4	☐	1.000		24659414.07		A	0.6
5	☐	1.000		24574555.02		A	1.2
6	☐	1.000		24597979.77		A	0.6
7	☐	1.000		23371594.13		A	1.4
8	☐	1.000		23021220.83		A	0.6
9	☐	1.000		21052175.81		A	2.0

115 In (ISTD) [He]

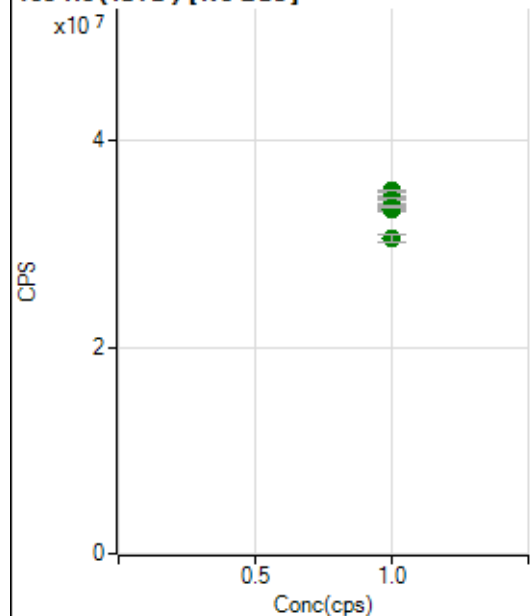
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4410532.46		P	0.2
2	☐	1.000		4548170.04		P	0.8
3	☐	1.000		4427682.68		P	0.5
4	☐	1.000		4325152.65		P	1.0
5	☐	1.000		4302470.36		P	0.6
6	☐	1.000		4354636.53		P	0.4
7	☐	1.000		4128435.02		P	1.4
8	☐	1.000		3968189.82		P	0.7
9	☐	1.000		3793503.39		P	0.4

159 Tb (ISTD) [No Gas]

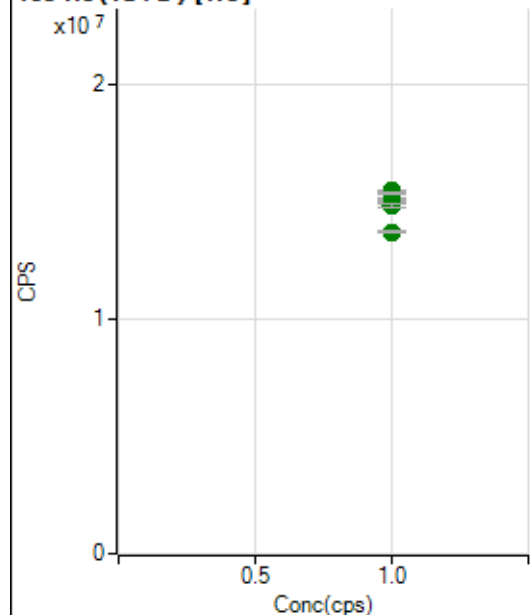
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		35262430.31		A	0.5
2	☐	1.000		34855669.48		A	0.3
3	☐	1.000		35586413.36		A	0.9
4	☐	1.000		34156227.27		A	0.9
5	☐	1.000		34078971.16		A	1.0
6	☐	1.000		34779111.70		A	0.7
7	☐	1.000		33494630.33		A	1.7
8	☐	1.000		34138766.99		A	0.4
9	☐	1.000		31134390.09		A	1.4

159 Tb (ISTD) [He]

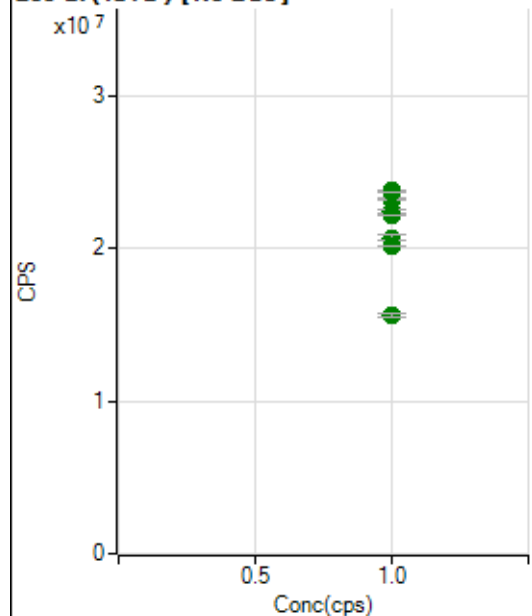
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		15395975.60		A	0.6
2	☐	1.000		15057910.05		A	0.4
3	☐	1.000		14917875.06		A	0.5
4	☐	1.000		14735548.81		A	0.9
5	☐	1.000		14821069.64		A	0.4
6	☐	1.000		15149837.55		A	0.9
7	☐	1.000		14593978.12		A	0.6
8	☐	1.000		14534727.42		A	0.6
9	☐	1.000		13479080.77		A	0.3

165 Ho (ISTD) [No Gas]

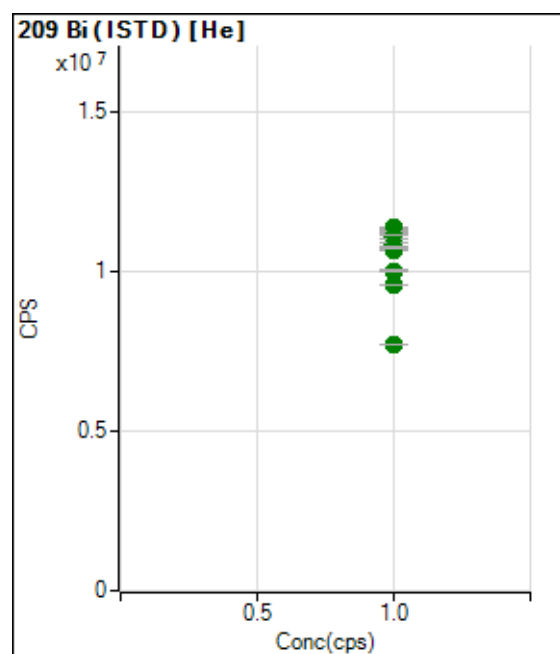
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		34414535.84		A	0.8
2	☐	1.000		34445108.06		A	0.8
3	☐	1.000		35119567.45		A	0.5
4	☐	1.000		33558134.43		A	1.3
5	☐	1.000		33757198.32		A	1.0
6	☐	1.000		34318924.38		A	0.2
7	☐	1.000		33303744.50		A	1.2
8	☐	1.000		33583626.10		A	0.1
9	☐	1.000		30543880.89		A	2.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15479279.77		A	0.7
2	☐	1.000		15353389.49		A	0.1
3	☐	1.000		15145906.86		A	0.7
4	☐	1.000		14995184.08		A	1.2
5	☐	1.000		15035830.06		A	0.1
6	☐	1.000		15404558.24		A	0.7
7	☐	1.000		14949426.31		A	0.5
8	☐	1.000		14846241.03		A	0.7
9	☐	1.000		13732406.74		A	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		23798871.87		A	0.3
2	☐	1.000		23271186.46		A	0.5
3	☐	1.000		23714840.48		A	0.5
4	☐	1.000		22406279.25		A	1.1
5	☐	1.000		22240411.75		A	0.7
6	☐	1.000		22210447.86		A	0.3
7	☐	1.000		20745400.38		A	1.3
8	☐	1.000		20165813.04		A	0.3
9	☐	1.000		15671741.02		A	1.8



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11366691.85		A	0.3
2	☐	1.000		11251042.19		A	0.4
3	☐	1.000		11098237.54		A	0.9
4	☐	1.000		10849575.12		A	1.0
5	☐	1.000		10661409.49		A	0.4
6	☐	1.000		10735805.74		A	0.6
7	☐	1.000		10002251.17		A	0.6
8	☐	1.000		9583621.04		A	0.5
9	☐	1.000		7735447.18		A	0.1

US EPA Tune Check Sample Report

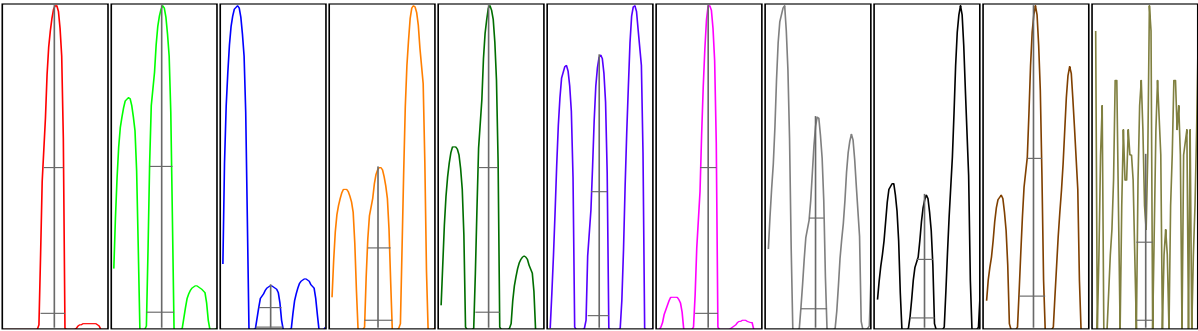
Batch Folder D:\ICP-MS Data\P7020819-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	43101	0.49	5.00	
24	417033	0.63	5.00	
25	55758	0.45	5.00	
26	65633	0.89	5.00	
59	307074	1.06	5.00	
113	36017	0.76	5.00	
115	422275	1.08	5.00	
206	111036	1.16	5.00	
207	103358	1.16	5.00	
208	243979	1.07	5.00	
220	0	45.80		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	43035	42795	43204	43359	43113
24	413239	416789	418700	420203	416236
25	55363	55773	55915	56021	55718
26	65039	65514	65819	66534	65259
59	302865	304876	308102	311226	308299
113	35722	35874	35959	36443	36089
115	417580	419838	422767	429646	421544
206	109662	110636	111150	113122	110608
207	101444	103466	103529	104756	103597
208	240528	242334	244760	247354	244919
220	0	0	0	1	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	75162	9.00	8.9 - 9.1		0.738	0.900	
24	702357	23.95	23.9 - 24.1		0.782	0.900	
25	94702	24.95	24.9 - 25.1		0.777	0.900	
26	110058	25.90	25.9 - 26.1		0.783	0.900	
59	566498	58.95	58.9 - 59.1		0.731	0.900	
113	75824	113.00	112.9 - 113.1		0.642	0.900	
115	888918	115.00	114.9 - 115.1		0.674	0.900	
206	237008	205.95	205.9 - 206.1		0.733	0.900	
207	218065	206.95	206.9 - 207.1		0.698	0.900	
208	524607	207.95	207.9 - 208.1		0.723	0.900	
220	0	220.05	-		0.496		

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	6.3	V	Deflect	13.6	V
Extract 2	-125.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-65	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	190	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	70433	1.83	
89	52599	1.57	
205	83068	1.61	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	71635	70583	68762	69512	71671
89	53233	52612	51575	52015	53559
205	84122	83082	80856	83146	84134

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	5.8	V	Deflect	2.0	V
Extract 2	-140.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-75	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	190	V			

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 16:51:29	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.08	0.16	-0.08	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.00	-0.03	0.02	0.00	N/A	ppb
Boron	11-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Cadmium	111-1	0.06	-0.04	-0.02	0.00	N/A	ppb
Cadmium	106-1	0.71	-0.47	-0.24	0.00	N/A	ppb
Cadmium	108-1	0.01	0.01	-0.02	0.00	N/A	ppb
Calcium	43-1	0.18	0.13	-0.31	0.00	N/A	ppb
Calcium	44-1	-0.22	0.00	0.22	0.00	N/A	ppb
Chromium	52-2	0.00	0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.01	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.02	0.00	0.01	0.00	N/A	ppb
Iron	57-2	-0.08	-0.11	0.18	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.04	0.00	-0.04	0.00	N/A	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 16:51:29	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	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	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	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	0.00	0.01	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-14.23	-13.57	-19.29	-15.70		ppb
Potassium	39-2	0.32	0.05	-0.37	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.02	-0.14	0.11	0.00	N/A	ppb
Selenium	82-1	-0.05	-0.06	0.11	0.00	N/A	ppb
Silicon	28-1	-0.03	-0.12	0.15	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	-0.12	0.23	-0.11	0.00	N/A	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-170.50	-194.43	-146.91	-170.61		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	-0.01	0.00	N/A	ppb
Titanium	47-1	0.01	-0.01	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 16:51:29	DataFile Name :	003CALB.d

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	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 16:55:04	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.27	2.38	2.68	2.44	8.60	ppb
Antimony	121-1	0.21	0.19	0.21	0.20	3.73	ppb
Arsenic	75-2	0.07	0.08	0.09	0.08	11.15	ppb
Barium	135-1	0.96	1.04	1.05	1.02	4.70	ppb
Barium	137-1	1.06	1.05	1.01	1.04	2.26	ppb
Beryllium	9-1	0.10	0.10	0.10	0.10	3.96	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	2.53	2.36	2.67	2.52	6.07	ppb
Boron	11-1	2.45	2.33	2.33	2.37	2.89	ppb
Cadmium	111-1	0.14	0.13	0.16	0.14	13.36	ppb
Cadmium	106-1	0.53	0.43	0.77	0.58	30.14	ppb
Cadmium	108-1	0.12	0.15	0.15	0.14	12.26	ppb
Calcium	43-1	52.58	51.76	49.60	51.31	3.00	ppb
Calcium	44-1	52.55	52.11	51.63	52.10	0.88	ppb
Chromium	52-2	0.23	0.27	0.20	0.23	16.28	ppb
Cobalt	59-2	0.10	0.10	0.11	0.10	4.84	ppb
Copper	63-2	0.25	0.25	0.23	0.24	3.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	56-2	6.35	6.14	6.05	6.18	2.42	ppb
Iron	57-2	7.07	5.58	6.09	6.24	12.16	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.10	0.10	0.10	3.81	ppb
Lead	207-1	0.10	0.09	0.09	0.09	6.36	ppb
Lead	208-1	0.10	0.10	0.09	0.10	3.30	ppb
Lithium	6-1				97		%
Magnesium	24-2	52.54	53.29	52.80	52.88	0.72	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 16:55:04	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.13	0.12	0.12	0.12	1.75	ppb
Molybdenum	94-1	0.48	0.45	0.47	0.47	2.33	ppb
Molybdenum	95-1	0.46	0.46	0.48	0.47	2.09	ppb
Molybdenum	96-1	0.48	0.46	0.47	0.47	1.81	ppb
Molybdenum	97-1	0.49	0.48	0.47	0.48	2.37	ppb
Molybdenum	98-1	0.46	0.45	0.48	0.46	3.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.18	0.17	0.16	0.17	5.97	ppb
Phosphorus	31-2	-14.84	-16.18	-6.83	-12.61		ppb
Potassium	39-2	47.26	46.71	47.60	47.19	0.95	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				102		%
Selenium	77-2	0.41	1.14	0.21	0.59	83.34	ppb
Selenium	78-2	0.39	0.50	0.80	0.56	38.16	ppb
Selenium	82-1	0.70	0.58	0.37	0.55	29.81	ppb
Silicon	28-1	1.88	1.68	1.50	1.69	11.19	ppb
Silver	109-1	0.13	0.13	0.13	0.13	0.95	ppb
Silver	107-1	0.13	0.12	0.13	0.13	2.34	ppb
Sodium	23-2	50.12	51.09	49.29	50.17	1.80	ppb
Strontium	86-1	0.11	0.08	0.06	0.08	27.06	ppb
Strontium	88-1	0.09	0.09	0.08	0.08	4.23	ppb
Sulfur	34-1	153.20	153.25	110.16	138.87	17.91	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.10	0.09	0.09	0.09	3.26	ppb
Thallium	205-1	0.09	0.08	0.09	0.09	5.19	ppb
Thorium	232-1	0.08	0.08	0.08	0.08	1.62	ppb
Tin	118-1	0.54	0.53	0.53	0.53	1.33	ppb
Titanium	47-1	0.50	0.51	0.51	0.51	1.20	ppb
Uranium	238-1	0.09	0.09	0.09	0.09	1.08	ppb
Vanadium	51-2	0.54	0.52	0.51	0.52	3.20	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 16:55:04	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.58	0.48	0.57	0.55	9.70	ppb
Zirconium	90-1	0.09	0.09	0.10	0.09	1.85	ppb
Zirconium	91-1	0.10	0.09	0.08	0.09	6.81	ppb

LB Number : LB100757 Operator : Jaswal
 Lab Sample ID : S02 Instrumnet Name : P7
 Client Sample ID : S02 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-08 16:59:56 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.29	21.15	19.34	20.26	4.45	ppb
Antimony	121-1	1.93	1.95	1.93	1.94	0.48	ppb
Arsenic	75-2	1.03	1.19	0.99	1.07	9.96	ppb
Barium	135-1	9.74	9.77	9.93	9.81	1.02	ppb
Barium	137-1	9.75	9.97	10.06	9.92	1.62	ppb
Beryllium	9-1	0.99	1.04	1.06	1.03	3.40	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	23.14	24.08	23.79	23.67	2.05	ppb
Boron	11-1	22.88	23.05	23.48	23.14	1.34	ppb
Cadmium	111-1	1.11	1.01	1.12	1.08	5.74	ppb
Cadmium	106-1	1.90	0.58	1.97	1.49	52.55	ppb
Cadmium	108-1	0.92	1.05	1.01	0.99	6.98	ppb
Calcium	43-1	470.67	494.56	486.60	483.94	2.51	ppb
Calcium	44-1	476.13	478.33	481.19	478.55	0.53	ppb
Chromium	52-2	2.02	2.01	2.00	2.01	0.40	ppb
Cobalt	59-2	1.04	1.05	1.03	1.04	0.67	ppb
Copper	63-2	2.19	2.16	2.14	2.16	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	60.07	60.47	59.63	60.06	0.70	ppb
Iron	57-2	59.64	58.61	57.47	58.57	1.85	ppb
Krypton	83-1						cps
Lead	206-1	0.88	0.93	0.90	0.90	2.37	ppb
Lead	207-1	0.86	0.86	0.85	0.86	0.81	ppb
Lead	208-1	0.86	0.89	0.88	0.88	1.70	ppb
Lithium	6-1				99		%
Magnesium	24-2	539.75	548.43	536.43	541.54	1.14	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 16:59:56	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.06	1.02	1.10	1.06	3.60	ppb
Molybdenum	94-1	4.70	4.77	4.75	4.74	0.80	ppb
Molybdenum	95-1	4.61	4.68	4.69	4.66	0.92	ppb
Molybdenum	96-1	4.61	4.63	4.70	4.65	1.00	ppb
Molybdenum	97-1	4.57	4.61	4.72	4.63	1.70	ppb
Molybdenum	98-1	4.47	4.59	4.67	4.57	2.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.19	1.21	1.17	1.19	1.92	ppb
Phosphorus	31-2	19.61	26.62	38.70	28.31	34.11	ppb
Potassium	39-2	473.41	477.63	470.56	473.87	0.75	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	7.07	5.69	4.77	5.84	19.75	ppb
Selenium	78-2	5.92	5.54	5.75	5.74	3.28	ppb
Selenium	82-1	5.68	5.67	5.62	5.66	0.52	ppb
Silicon	28-1	10.83	11.07	11.05	10.99	1.21	ppb
Silver	109-1	1.21	1.23	1.25	1.23	1.83	ppb
Silver	107-1	1.23	1.20	1.22	1.22	1.14	ppb
Sodium	23-2	507.98	508.89	510.18	509.02	0.22	ppb
Strontium	86-1	0.83	0.81	0.82	0.82	1.32	ppb
Strontium	88-1	0.83	0.82	0.83	0.83	0.58	ppb
Sulfur	34-1	10.62	28.28	56.33	31.74	72.62	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.86	0.86	0.89	0.87	2.00	ppb
Thallium	205-1	0.87	0.86	0.85	0.86	1.41	ppb
Thorium	232-1	0.80	0.80	0.80	0.80	0.15	ppb
Tin	118-1	5.10	5.16	5.17	5.14	0.67	ppb
Titanium	47-1	4.86	4.99	4.92	4.92	1.31	ppb
Uranium	238-1	0.83	0.84	0.84	0.84	0.82	ppb
Vanadium	51-2	5.18	5.19	5.10	5.16	1.04	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 16:59:56	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.50	2.54	2.29	2.44	5.60	ppb
Zirconium	90-1	0.97	0.98	0.95	0.97	1.44	ppb
Zirconium	91-1	0.97	0.99	1.02	1.00	2.60	ppb

LB Number : LB100757 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P7
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-08 17:03:51 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1058.34	1041.31	1072.14	1057.26	1.46	ppb
Antimony	121-1	54.15	54.40	53.36	53.97	1.00	ppb
Arsenic	75-2	53.09	53.00	54.09	53.39	1.13	ppb
Barium	135-1	263.19	265.75	259.99	262.98	1.10	ppb
Barium	137-1	265.17	267.70	259.79	264.22	1.53	ppb
Beryllium	9-1	54.32	54.05	54.07	54.15	0.27	ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Boron	10-1	50.70	51.19	52.04	51.31	1.32	ppb
Boron	11-1	50.56	51.41	51.41	51.13	0.96	ppb
Cadmium	111-1	57.22	57.31	56.71	57.08	0.56	ppb
Cadmium	106-1	56.25	57.66	56.33	56.74	1.40	ppb
Cadmium	108-1	56.08	57.95	56.54	56.85	1.71	ppb
Calcium	43-1	5321.56	5425.26	5386.90	5377.90	0.97	ppb
Calcium	44-1	5153.16	5215.56	5208.65	5192.46	0.66	ppb
Chromium	52-2	52.86	52.91	54.02	53.26	1.24	ppb
Cobalt	59-2	54.39	55.12	55.91	55.14	1.38	ppb
Copper	63-2	113.41	112.72	116.17	114.10	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				98		%
Iron	56-2	2846.52	2834.25	2888.70	2856.49	1.00	ppb
Iron	57-2	2859.01	2846.88	2915.57	2873.82	1.28	ppb
Krypton	83-1						cps
Lead	206-1	50.10	50.99	50.14	50.41	1.00	ppb
Lead	207-1	50.07	50.95	50.21	50.41	0.94	ppb
Lead	208-1	49.98	51.03	50.38	50.47	1.05	ppb
Lithium	6-1				94		%
Magnesium	24-2	5555.26	5596.36	5599.60	5583.74	0.44	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 17:03:51	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	108.33	107.74	111.35	109.14	1.77	ppb
Molybdenum	94-1	257.90	264.71	259.78	260.80	1.35	ppb
Molybdenum	95-1	257.27	262.15	257.56	258.99	1.06	ppb
Molybdenum	96-1	257.28	261.49	258.75	259.17	0.82	ppb
Molybdenum	97-1	255.96	263.03	260.60	259.87	1.38	ppb
Molybdenum	98-1	251.49	258.76	254.95	255.07	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.08	56.25	58.09	56.81	1.97	ppb
Phosphorus	31-2	1010.45	1045.41	1092.77	1049.54	3.94	ppb
Potassium	39-2	2535.05	2510.02	2568.66	2537.91	1.16	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				97		%
Selenium	77-2	53.18	52.33	58.04	54.51	5.65	ppb
Selenium	78-2	56.04	56.05	56.25	56.11	0.21	ppb
Selenium	82-1	56.41	57.03	55.64	56.36	1.23	ppb
Silicon	28-1	67.09	69.49	68.77	68.45	1.81	ppb
Silver	109-1	57.64	58.53	57.05	57.74	1.29	ppb
Silver	107-1	57.29	57.97	56.49	57.25	1.29	ppb
Sodium	23-2	5317.86	5319.05	5359.62	5332.18	0.45	ppb
Strontium	86-1	51.55	52.26	52.94	52.25	1.33	ppb
Strontium	88-1	52.09	53.31	52.40	52.60	1.21	ppb
Sulfur	34-1	1370.24	1395.81	1285.68	1350.57	4.27	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	49.76	50.42	49.67	49.95	0.82	ppb
Thallium	205-1	48.95	50.09	49.71	49.58	1.17	ppb
Thorium	232-1	46.17	46.62	46.37	46.38	0.49	ppb
Tin	118-1	53.22	54.46	52.97	53.55	1.49	ppb
Titanium	47-1	258.98	262.13	260.38	260.50	0.61	ppb
Uranium	238-1	47.03	47.36	47.05	47.15	0.39	ppb
Vanadium	51-2	51.95	51.83	53.38	52.39	1.65	ppb
Yttrium	89-1				95		%
Yttrium	89-2				98		%

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 17:03:51	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	116.66	115.89	120.22	117.59	1.96	ppb
Zirconium	90-1	50.84	51.90	51.19	51.31	1.05	ppb
Zirconium	91-1	51.30	52.06	51.85	51.74	0.76	ppb

LB Number : LB100757 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P7
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-08 17:07:59 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2608.36	2586.40	2568.21	2587.66	0.78	ppb
Antimony	121-1	132.34	135.41	136.18	134.64	1.51	ppb
Arsenic	75-2	132.03	133.06	133.03	132.71	0.44	ppb
Barium	135-1	649.49	670.44	674.59	664.84	2.02	ppb
Barium	137-1	644.71	657.65	657.10	653.15	1.12	ppb
Beryllium	9-1	132.93	135.18	135.39	134.50	1.01	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Boron	10-1	124.50	128.63	130.24	127.79	2.32	ppb
Boron	11-1	124.15	126.10	127.84	126.03	1.47	ppb
Cadmium	111-1	136.47	140.36	142.11	139.65	2.06	ppb
Cadmium	106-1	136.99	137.83	139.14	137.99	0.79	ppb
Cadmium	108-1	136.95	140.90	141.95	139.93	1.88	ppb
Calcium	43-1	13096.03	13477.64	13578.11	13383.92	1.90	ppb
Calcium	44-1	12910.09	13080.93	13062.82	13017.95	0.72	ppb
Chromium	52-2	130.84	132.39	129.63	130.95	1.06	ppb
Cobalt	59-2	135.39	135.39	133.98	134.92	0.60	ppb
Copper	63-2	279.51	280.24	278.07	279.28	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				98		%
Iron	56-2	7029.95	7024.67	6973.70	7009.44	0.44	ppb
Iron	57-2	7088.80	7043.78	7014.36	7048.98	0.53	ppb
Krypton	83-1						cps
Lead	206-1	123.20	126.82	126.93	125.65	1.69	ppb
Lead	207-1	124.91	127.39	127.09	126.46	1.07	ppb
Lead	208-1	124.31	126.17	125.40	125.29	0.75	ppb
Lithium	6-1				91		%
Magnesium	24-2	13757.09	13713.79	13624.49	13698.46	0.49	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 17:07:59	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	267.46	268.83	267.82	268.04	0.27	ppb
Molybdenum	94-1	638.03	645.04	640.20	641.09	0.56	ppb
Molybdenum	95-1	635.64	643.29	636.16	638.36	0.67	ppb
Molybdenum	96-1	633.89	641.20	634.57	636.55	0.63	ppb
Molybdenum	97-1	638.38	641.16	635.49	638.34	0.44	ppb
Molybdenum	98-1	631.62	640.69	637.40	636.57	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	138.75	139.55	138.32	138.87	0.45	ppb
Phosphorus	31-2	2697.36	2651.33	2600.67	2649.79	1.83	ppb
Potassium	39-2	6326.50	6258.29	6282.33	6289.04	0.55	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				97		%
Selenium	77-2	134.42	136.29	140.56	137.09	2.30	ppb
Selenium	78-2	135.14	136.15	136.08	135.79	0.42	ppb
Selenium	82-1	136.79	140.47	138.23	138.50	1.34	ppb
Silicon	28-1	159.66	164.90	164.72	163.10	1.82	ppb
Silver	109-1	136.61	142.16	142.64	140.47	2.39	ppb
Silver	107-1	137.18	138.95	140.64	138.92	1.24	ppb
Sodium	23-2	13164.47	13250.73	13089.73	13168.31	0.61	ppb
Strontium	86-1	128.77	129.95	130.64	129.79	0.73	ppb
Strontium	88-1	127.45	128.84	128.52	128.27	0.57	ppb
Sulfur	34-1	2983.25	3027.82	2888.66	2966.58	2.40	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	123.07	127.19	128.48	126.25	2.24	ppb
Thallium	205-1	121.06	124.19	123.67	122.98	1.36	ppb
Thorium	232-1	117.40	119.79	119.01	118.74	1.03	ppb
Tin	118-1	132.51	134.49	134.61	133.87	0.88	ppb
Titanium	47-1	646.43	653.27	652.67	650.79	0.58	ppb
Uranium	238-1	118.24	120.22	120.66	119.71	1.08	ppb
Vanadium	51-2	129.96	130.94	129.43	130.11	0.59	ppb
Yttrium	89-1				95		%
Yttrium	89-2				97		%

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 17:07:59	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	285.13	287.83	287.63	286.86	0.52	ppb
Zirconium	90-1	126.64	127.81	126.85	127.10	0.49	ppb
Zirconium	91-1	126.83	128.56	127.91	127.77	0.68	ppb

LB Number : LB100757 Operator : Jaswal
 Lab Sample ID : S05 Instrumnet Name : P7
 Client Sample ID : S05 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-08 17:11:45 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4905.75	4937.72	4929.03	4924.17	0.34	ppb
Antimony	121-1	256.93	252.82	253.12	254.29	0.90	ppb
Arsenic	75-2	250.61	256.18	257.59	254.79	1.45	ppb
Barium	135-1	1249.72	1240.70	1235.47	1241.96	0.58	ppb
Barium	137-1	1265.11	1235.53	1242.95	1247.86	1.23	ppb
Beryllium	9-1	257.69	258.81	257.67	258.06	0.25	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Boron	10-1	244.57	246.65	251.12	247.45	1.35	ppb
Boron	11-1	240.96	244.70	244.79	243.48	0.90	ppb
Cadmium	111-1	263.71	262.74	264.51	263.65	0.34	ppb
Cadmium	106-1	259.23	256.90	261.76	259.30	0.94	ppb
Cadmium	108-1	262.45	258.41	261.02	260.63	0.79	ppb
Calcium	43-1	25634.85	25894.10	25567.26	25698.74	0.67	ppb
Calcium	44-1	25137.19	25048.06	24949.48	25044.91	0.37	ppb
Chromium	52-2	249.79	248.24	249.52	249.18	0.33	ppb
Cobalt	59-2	255.45	257.27	255.93	256.22	0.37	ppb
Copper	63-2	516.96	523.38	519.23	519.86	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				99		%
Iron	56-2	13281.17	13306.47	13250.47	13279.37	0.21	ppb
Iron	57-2	13426.28	13351.25	13302.02	13359.85	0.47	ppb
Krypton	83-1						cps
Lead	206-1	241.69	240.46	242.62	241.59	0.45	ppb
Lead	207-1	240.71	241.67	242.76	241.71	0.42	ppb
Lead	208-1	241.23	242.16	243.01	242.13	0.37	ppb
Lithium	6-1				91		%
Magnesium	24-2	26104.91	26059.84	25942.86	26035.87	0.32	ppb

LB Number : LB100757 Operator : Jaswal
 Lab Sample ID : S05 Instrumnet Name : P7
 Client Sample ID : S05 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-08 17:11:45 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	507.91	511.50	510.80	510.07	0.37	ppb
Molybdenum	94-1	1243.03	1234.05	1233.12	1236.73	0.44	ppb
Molybdenum	95-1	1248.80	1239.10	1236.18	1241.36	0.53	ppb
Molybdenum	96-1	1245.90	1239.60	1228.58	1238.02	0.71	ppb
Molybdenum	97-1	1244.40	1235.61	1235.85	1238.62	0.40	ppb
Molybdenum	98-1	1247.07	1232.86	1232.35	1237.42	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.32	263.17	262.31	261.60	0.77	ppb
Phosphorus	31-2	5023.15	4967.69	5039.09	5009.98	0.75	ppb
Potassium	39-2	11828.83	11895.57	11893.77	11872.72	0.32	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				99		%
Selenium	77-2	260.32	263.03	261.55	261.63	0.52	ppb
Selenium	78-2	258.63	263.09	262.90	261.54	0.96	ppb
Selenium	82-1	265.47	266.52	265.92	265.97	0.20	ppb
Silicon	28-1	259.73	265.40	260.50	261.88	1.18	ppb
Silver	109-1	264.66	260.30	262.14	262.37	0.83	ppb
Silver	107-1	263.36	259.27	261.59	261.40	0.78	ppb
Sodium	23-2	25046.88	25229.63	24917.82	25064.78	0.63	ppb
Strontium	86-1	249.34	249.11	251.33	249.92	0.49	ppb
Strontium	88-1	248.55	248.65	250.24	249.15	0.38	ppb
Sulfur	34-1	5550.50	5676.29	5451.74	5559.51	2.02	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	240.88	240.09	241.57	240.85	0.31	ppb
Thallium	205-1	239.58	239.25	243.30	240.71	0.93	ppb
Thorium	232-1	233.79	231.82	234.51	233.38	0.60	ppb
Tin	118-1	256.07	252.31	251.19	253.19	1.01	ppb
Titanium	47-1	1248.98	1229.87	1235.51	1238.12	0.79	ppb
Uranium	238-1	234.87	232.28	234.96	234.04	0.65	ppb
Vanadium	51-2	248.57	248.59	249.28	248.81	0.16	ppb
Yttrium	89-1				96		%
Yttrium	89-2				100		%

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 17:11:45	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	536.13	539.74	539.17	538.34	0.36	ppb
Zirconium	90-1	248.52	245.48	245.63	246.54	0.69	ppb
Zirconium	91-1	249.01	247.02	245.71	247.25	0.67	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 17:15:30	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10108.67	10093.98	9991.28	10064.64	0.64	ppb
Antimony	121-1	505.20	520.39	524.45	516.68	1.96	ppb
Arsenic	75-2	505.89	508.70	508.83	507.80	0.33	ppb
Barium	135-1	2497.88	2555.71	2599.84	2551.14	2.00	ppb
Barium	137-1	2516.06	2571.41	2604.95	2564.14	1.75	ppb
Beryllium	9-1	503.62	512.83	516.35	510.93	1.29	ppb
Bismuth	209-1				87		%
Bismuth	209-2				88		%
Boron	10-1	488.22	510.49	523.26	507.32	3.50	ppb
Boron	11-1	485.39	511.95	521.80	506.38	3.72	ppb
Cadmium	111-1	512.15	525.63	538.35	525.37	2.49	ppb
Cadmium	106-1	500.72	516.33	534.53	517.19	3.27	ppb
Cadmium	108-1	505.57	520.67	535.32	520.52	2.86	ppb
Calcium	43-1	51265.29	51783.25	52660.35	51902.96	1.36	ppb
Calcium	44-1	50495.01	51032.47	52049.02	51192.17	1.54	ppb
Chromium	52-2	508.82	512.39	506.52	509.24	0.58	ppb
Cobalt	59-2	514.81	515.00	509.29	513.03	0.63	ppb
Copper	63-2	1035.19	1034.98	1028.71	1032.96	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				90		%
Indium	115-2				94		%
Iron	56-2	26881.51	26958.30	26718.97	26852.93	0.46	ppb
Iron	57-2	27333.63	27415.90	27088.83	27279.45	0.62	ppb
Krypton	83-1						cps
Lead	206-1	496.56	502.96	507.37	502.29	1.08	ppb
Lead	207-1	492.38	500.73	507.74	500.28	1.54	ppb
Lead	208-1	492.17	500.81	508.31	500.43	1.61	ppb
Lithium	6-1				87		%
Magnesium	24-2	53276.24	52948.43	52139.07	52787.91	1.11	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 17:15:30	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1017.58	1020.65	1013.38	1017.21	0.36	ppb
Molybdenum	94-1	2482.87	2532.15	2561.72	2525.58	1.58	ppb
Molybdenum	95-1	2461.89	2532.00	2554.68	2516.19	1.92	ppb
Molybdenum	96-1	2477.81	2540.00	2557.58	2525.13	1.66	ppb
Molybdenum	97-1	2478.27	2552.98	2562.06	2531.10	1.82	ppb
Molybdenum	98-1	2469.65	2514.27	2577.31	2520.41	2.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	521.57	524.65	515.21	520.48	0.93	ppb
Phosphorus	31-2	10325.46	10237.97	10123.23	10228.88	0.99	ppb
Potassium	39-2	24516.29	24354.42	24245.22	24371.98	0.56	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				89		%
Scandium	45-2				95		%
Selenium	77-2	500.44	521.14	504.05	508.54	2.17	ppb
Selenium	78-2	508.33	514.92	513.25	512.17	0.67	ppb
Selenium	82-1	508.65	522.82	530.26	520.58	2.11	ppb
Silicon	28-1	540.61	559.04	574.52	558.06	3.04	ppb
Silver	109-1	510.44	527.39	535.61	524.48	2.45	ppb
Silver	107-1	510.35	523.42	534.91	522.89	2.35	ppb
Sodium	23-2	51842.87	50957.26	50703.77	51167.97	1.17	ppb
Strontium	86-1	496.43	508.41	515.00	506.61	1.86	ppb
Strontium	88-1	498.31	508.68	513.98	506.99	1.57	ppb
Sulfur	34-1	12013.34	12190.02	12749.97	12317.77	3.12	ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	494.55	503.99	507.01	501.85	1.30	ppb
Thallium	205-1	495.25	502.60	507.88	501.91	1.26	ppb
Thorium	232-1	486.40	495.41	501.07	494.30	1.50	ppb
Tin	118-1	501.58	516.31	522.20	513.36	2.07	ppb
Titanium	47-1	2479.12	2537.10	2577.63	2531.28	1.96	ppb
Uranium	238-1	490.96	496.85	505.78	497.87	1.50	ppb
Vanadium	51-2	512.67	512.79	504.56	510.01	0.92	ppb
Yttrium	89-1				93		%
Yttrium	89-2				96		%

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 17:15:30	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1056.83	1061.72	1058.27	1058.94	0.24	ppb
Zirconium	90-1	492.62	504.31	515.58	504.17	2.28	ppb
Zirconium	91-1	492.14	503.90	516.11	504.05	2.38	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 17:19:16	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19769.97	19661.15	19438.87	19623.33	0.86	ppb
Antimony	121-1	988.56	986.00	993.00	989.18	0.36	ppb
Arsenic	75-2	999.64	996.58	985.08	993.77	0.77	ppb
Barium	135-1	4993.42	4950.01	4968.99	4970.81	0.44	ppb
Barium	137-1	4962.28	4960.55	4969.87	4964.23	0.10	ppb
Beryllium	9-1	993.82	990.69	988.86	991.12	0.25	ppb
Bismuth	209-1				85		%
Bismuth	209-2				84		%
Boron	10-1	975.64	996.61	1017.55	996.60	2.10	ppb
Boron	11-1	979.68	997.82	1017.41	998.30	1.89	ppb
Cadmium	111-1	985.68	974.80	984.66	981.72	0.61	ppb
Cadmium	106-1	989.33	980.10	991.92	987.12	0.63	ppb
Cadmium	108-1	985.53	975.17	993.92	984.87	0.95	ppb
Calcium	43-1	100627.14	100422.84	100037.12	100362.37	0.30	ppb
Calcium	44-1	99995.19	99753.56	99120.11	99622.95	0.45	ppb
Chromium	52-2	1006.51	991.76	985.76	994.68	1.07	ppb
Cobalt	59-2	1000.56	987.60	983.14	990.43	0.91	ppb
Copper	63-2	1978.12	1977.56	1966.89	1974.19	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				88		%
Indium	115-2				90		%
Iron	56-2	52704.71	52518.74	52029.42	52417.62	0.67	ppb
Iron	57-2	52752.03	52124.63	52010.00	52295.55	0.76	ppb
Krypton	83-1						cps
Lead	206-1	1002.23	997.30	1003.04	1000.85	0.31	ppb
Lead	207-1	1010.65	999.63	994.90	1001.73	0.81	ppb
Lead	208-1	1008.32	999.64	997.12	1001.69	0.59	ppb
Lithium	6-1				86		%
Magnesium	24-2	104435.23	103895.92	103355.66	103895.60	0.52	ppb

LB Number : LB100757 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P7
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-08 17:19:16 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1997.60	1980.21	1980.69	1986.17	0.50	ppb
Molybdenum	94-1	4967.17	4988.03	5008.72	4987.97	0.42	ppb
Molybdenum	95-1	4993.20	4981.60	5001.04	4991.94	0.20	ppb
Molybdenum	96-1	5000.58	4976.52	4988.49	4988.53	0.24	ppb
Molybdenum	97-1	5002.45	4975.05	4977.90	4985.13	0.30	ppb
Molybdenum	98-1	5007.98	4984.90	4980.84	4991.24	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	988.02	986.11	980.24	984.79	0.41	ppb
Phosphorus	31-2	20130.58	19659.83	19795.18	19861.86	1.22	ppb
Potassium	39-2	48475.18	47892.41	47993.66	48120.42	0.65	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				91		%
Scandium	45-2				97		%
Selenium	77-2	1000.66	1002.18	970.40	991.08	1.81	ppb
Selenium	78-2	1000.74	991.66	975.72	989.38	1.28	ppb
Selenium	82-1	986.75	980.18	984.20	983.71	0.34	ppb
Silicon	28-1	962.30	962.04	962.58	962.31	0.03	ppb
Silver	109-1	986.56	971.51	988.97	982.35	0.96	ppb
Silver	107-1	984.51	977.71	988.57	983.60	0.56	ppb
Sodium	23-2	101699.07	100593.88	100316.82	100869.92	0.72	ppb
Strontium	86-1	1000.71	993.32	993.97	996.00	0.41	ppb
Strontium	88-1	994.75	998.50	995.28	996.18	0.20	ppb
Sulfur	34-1	18704.26	18613.31	18558.59	18625.38	0.40	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	1000.59	1001.53	1001.51	1001.21	0.05	ppb
Thallium	205-1	999.72	1001.11	1004.09	1001.64	0.22	ppb
Thorium	232-1	1003.62	1012.09	1008.21	1007.97	0.42	ppb
Tin	118-1	997.31	982.25	994.14	991.23	0.80	ppb
Titanium	47-1	4988.40	4989.43	4972.92	4983.58	0.19	ppb
Uranium	238-1	1003.64	1005.77	1008.18	1005.86	0.23	ppb
Vanadium	51-2	1003.66	993.76	986.18	994.53	0.88	ppb
Yttrium	89-1				94		%
Yttrium	89-2				96		%

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 17:19:16	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1957.33	1959.54	1949.50	1955.45	0.27	ppb
Zirconium	90-1	997.36	997.23	1000.77	998.45	0.20	ppb
Zirconium	91-1	997.36	994.05	1003.27	998.23	0.47	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 17:23:07	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99901.88	99549.33	100758.47	100069.90	0.62	ppb
Antimony	121-1	0.99	1.01	1.02	1.01	1.51	ppb
Arsenic	75-2	1.19	1.32	1.24	1.25	4.94	ppb
Barium	135-1	0.62	0.63	0.61	0.62	1.44	ppb
Barium	137-1	0.64	0.63	0.60	0.62	3.24	ppb
Beryllium	9-1	0.09	0.10	0.12	0.10	14.39	ppb
Bismuth	209-1				66		%
Bismuth	209-2				68		%
Boron	10-1	32.03	30.15	26.64	29.61	9.24	ppb
Boron	11-1	32.47	30.22	27.26	29.99	8.72	ppb
Cadmium	111-1	0.13	0.12	0.17	0.14	18.04	ppb
Cadmium	106-1	0.69	0.51	1.07	0.75	37.91	ppb
Cadmium	108-1	0.11	0.21	0.13	0.15	35.52	ppb
Calcium	43-1	486975.06	503801.67	508252.57	499676.43	2.25	ppb
Calcium	44-1	485563.39	507188.65	507065.24	499939.10	2.49	ppb
Chromium	52-2	6.17	6.13	6.19	6.16	0.49	ppb
Cobalt	59-2	10.99	10.83	10.95	10.92	0.78	ppb
Copper	63-2	1.89	1.88	1.92	1.90	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				89		%
Indium	115-1				81		%
Indium	115-2				86		%
Iron	56-2	249592.28	248989.38	249227.32	249269.66	0.12	ppb
Iron	57-2	248588.43	247596.77	251553.52	249246.24	0.83	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.95	0.95	0.94	1.30	ppb
Lead	207-1	0.87	0.87	0.88	0.87	0.38	ppb
Lead	208-1	0.89	0.91	0.92	0.90	1.63	ppb
Lithium	6-1				76		%
Magnesium	24-2	499442.59	496500.46	500620.31	498854.45	0.43	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 17:23:07	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.74	7.67	7.94	7.78	1.75	ppb
Molybdenum	94-1	2.32	2.30	2.16	2.26	3.99	ppb
Molybdenum	95-1	3.09	3.00	2.87	2.99	3.66	ppb
Molybdenum	96-1	4.32	4.35	4.08	4.25	3.44	ppb
Molybdenum	97-1	2.64	2.58	2.40	2.54	5.01	ppb
Molybdenum	98-1	2.40	2.32	2.15	2.29	5.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.04	11.04	11.16	11.08	0.60	ppb
Phosphorus	31-2	-11.40	-12.09	-13.10	-12.20		ppb
Potassium	39-2	249895.49	250378.36	251132.49	250468.78	0.25	ppb
Rhodium	103-1				74		%
Rhodium	103-2				73		%
Scandium	45-1				86		%
Scandium	45-2				92		%
Selenium	77-2	0.12	0.46	0.00	0.19	124.90	ppb
Selenium	78-2	0.47	0.22	0.37	0.35	35.64	ppb
Selenium	82-1	0.57	0.32	0.41	0.43	29.70	ppb
Silicon	28-1	73.88	80.97	83.32	79.39	6.19	ppb
Silver	109-1	0.07	0.07	0.08	0.07	6.95	ppb
Silver	107-1	0.06	0.07	0.07	0.07	7.25	ppb
Sodium	23-2	497665.16	497707.42	503685.24	499685.94	0.69	ppb
Strontium	86-1	3.51	3.62	3.63	3.59	1.78	ppb
Strontium	88-1	3.50	3.64	3.57	3.57	2.00	ppb
Sulfur	34-1	-395.97	-146.03	-25.80	-189.26		ppb
Terbium	159-1				88		%
Terbium	159-2				88		%
Thallium	203-1	0.17	0.17	0.17	0.17	1.57	ppb
Thallium	205-1	0.18	0.16	0.16	0.17	4.47	ppb
Thorium	232-1	0.17	0.15	0.15	0.16	6.47	ppb
Tin	118-1	0.53	0.55	0.53	0.54	2.13	ppb
Titanium	47-1	1.30	1.31	1.47	1.36	7.04	ppb
Uranium	238-1	0.06	0.07	0.06	0.06	2.78	ppb
Vanadium	51-2	0.17	0.17	0.16	0.17	3.10	ppb
Yttrium	89-1				88		%
Yttrium	89-2				92		%

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 17:23:07	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	6.86	7.04	6.88	6.93	1.43	ppb
Zirconium	90-1	0.24	0.23	0.22	0.23	4.71	ppb
Zirconium	91-1	0.24	0.25	0.22	0.24	6.45	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:00:46	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	484.15	490.81	487.38	487.45	0.68	ppb
Antimony	121-1	197.67	199.94	203.87	200.49	1.57	ppb
Arsenic	75-2	202.31	201.63	201.99	201.98	0.17	ppb
Barium	135-1	96.66	98.30	100.04	98.33	1.72	ppb
Barium	137-1	97.13	98.63	99.61	98.46	1.27	ppb
Beryllium	9-1	99.58	98.84	102.30	100.24	1.81	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	1.12	1.03	1.04	1.07	4.63	ppb
Boron	11-1	1.06	1.07	1.05	1.06	1.21	ppb
Cadmium	111-1	103.61	104.89	106.92	105.14	1.59	ppb
Cadmium	106-1	80.37	80.59	81.75	80.91	0.92	ppb
Cadmium	108-1	115.60	116.42	116.74	116.25	0.51	ppb
Calcium	43-1	1972.95	1968.52	2010.17	1983.88	1.15	ppb
Calcium	44-1	1964.88	1984.07	2002.96	1983.97	0.96	ppb
Chromium	52-2	98.27	98.54	98.67	98.49	0.21	ppb
Cobalt	59-2	102.80	103.82	103.41	103.34	0.50	ppb
Copper	63-2	107.37	108.08	107.88	107.78	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				106		%
Iron	56-2	1079.57	1077.17	1064.85	1073.86	0.74	ppb
Iron	57-2	1082.25	1078.15	1080.45	1080.28	0.19	ppb
Krypton	83-1						cps
Lead	206-1	191.96	189.39	195.01	192.12	1.46	ppb
Lead	207-1	183.86	185.32	189.39	186.19	1.54	ppb
Lead	208-1	187.65	186.78	190.38	188.27	1.00	ppb
Lithium	6-1				95		%
Magnesium	24-2	1243.42	1255.67	1248.19	1249.09	0.49	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:00:46	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	99.47	99.46	99.43	99.45	0.02	ppb
Molybdenum	94-1	1706.97	1700.45	1739.32	1715.58	1.21	ppb
Molybdenum	95-1	2377.57	2366.60	2420.91	2388.36	1.20	ppb
Molybdenum	96-1	2297.87	2288.66	2326.82	2304.45	0.86	ppb
Molybdenum	97-1	2404.35	2376.15	2425.38	2401.96	1.03	ppb
Molybdenum	98-1	2377.28	2362.66	2412.94	2384.29	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.09	107.89	106.95	107.31	0.47	ppb
Phosphorus	31-2	-24.56	-26.47	-27.91	-26.32		ppb
Potassium	39-2	1890.52	1908.62	1891.37	1896.84	0.54	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Selenium	77-2	213.53	202.98	211.60	209.37	2.68	ppb
Selenium	78-2	214.06	211.55	209.57	211.73	1.06	ppb
Selenium	82-1	210.26	209.33	216.98	212.19	1.97	ppb
Silicon	28-1	19.11	24.17	27.65	23.64	18.16	ppb
Silver	109-1	105.82	106.75	108.82	107.13	1.43	ppb
Silver	107-1	104.80	107.08	108.35	106.74	1.68	ppb
Sodium	23-2	2009.44	2015.62	2003.56	2009.54	0.30	ppb
Strontium	86-1	1.95	1.96	2.01	1.97	1.64	ppb
Strontium	88-1	1.96	1.96	2.02	1.98	1.94	ppb
Sulfur	34-1	-822.98	-777.18	-672.97	-757.71		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	188.26	186.71	190.39	188.45	0.98	ppb
Thallium	205-1	188.64	187.26	189.21	188.37	0.53	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	7.35	ppb
Tin	118-1	0.13	0.77	0.22	0.37	93.32	ppb
Titanium	47-1	2365.11	2382.09	2414.70	2387.30	1.06	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	3.67	ppb
Vanadium	51-2	97.14	97.30	98.06	97.50	0.50	ppb
Yttrium	89-1				102		%
Yttrium	89-2				105		%

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:00:46	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	223.80	226.19	224.58	224.86	0.54	ppb
Zirconium	90-1	0.06	0.06	0.06	0.06	7.13	ppb
Zirconium	91-1	0.18	0.17	0.16	0.17	5.67	ppb

LB Number : LB100757 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2019-02-08 18:06:09 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.07	-0.13	-0.21	-0.14		ppb
Antimony	121-1	0.04	0.04	0.04	0.04	7.13	ppb
Arsenic	75-2	0.01	0.01	-0.01	0.00	879.10	ppb
Barium	135-1	0.00	0.01	0.00	0.00	37.10	ppb
Barium	137-1	0.00	0.00	0.00	0.00	363.25	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	29.21	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	0.65	0.85	0.81	0.77	14.14	ppb
Boron	11-1	0.70	0.74	0.73	0.72	2.97	ppb
Cadmium	111-1	0.03	-0.03	-0.01	0.00		ppb
Cadmium	106-1	0.25	-0.49	-0.12	-0.12		ppb
Cadmium	108-1	0.00	-0.02	0.00	-0.01		ppb
Calcium	43-1	-0.34	-0.80	-0.28	-0.47		ppb
Calcium	44-1	0.60	0.74	0.74	0.69	11.35	ppb
Chromium	52-2	-0.01	-0.03	-0.03	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.03	-0.04	-0.02	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				106		%
Iron	56-2	0.07	0.06	0.14	0.09	43.38	ppb
Iron	57-2	0.12	0.11	0.22	0.15	40.08	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.01	0.01	32.11	ppb
Lead	207-1	0.02	0.01	0.01	0.02	30.69	ppb
Lead	208-1	0.02	0.01	0.01	0.01	25.49	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.06	-0.02	0.01	0.01	286.01	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:06:09	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00		ppb
Molybdenum	94-1	0.19	0.16	0.13	0.16	18.84	ppb
Molybdenum	95-1	0.27	0.23	0.17	0.22	23.28	ppb
Molybdenum	96-1	0.25	0.20	0.17	0.21	19.00	ppb
Molybdenum	97-1	0.28	0.20	0.19	0.22	22.99	ppb
Molybdenum	98-1	0.28	0.23	0.18	0.23	21.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.01	0.01	36.07	ppb
Phosphorus	31-2	-24.56	-32.34	-27.60	-28.17		ppb
Potassium	39-2	0.71	1.06	-0.26	0.50	136.15	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.10	0.10	0.07	86.61	ppb
Selenium	78-2	-0.08	0.09	0.06	0.02	402.55	ppb
Selenium	82-1	-0.10	0.06	-0.25	-0.09		ppb
Silicon	28-1	0.90	0.23	0.32	0.48	74.95	ppb
Silver	109-1	0.00	0.00	0.01	0.00	52.68	ppb
Silver	107-1	0.01	0.00	0.00	0.01	39.44	ppb
Sodium	23-2	7.42	7.65	6.93	7.33	4.98	ppb
Strontium	86-1	0.01	0.01	0.00	0.01	52.63	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	112.96	ppb
Sulfur	34-1	-492.16	-535.86	-567.58	-531.87		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.03	0.03	0.03	4.61	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	14.36	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	25.49	ppb
Tin	118-1	0.01	0.01	0.01	0.01	26.04	ppb
Titanium	47-1	0.13	0.08	0.06	0.09	38.14	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	160.18	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	89.38	ppb
Yttrium	89-1				102		%
Yttrium	89-2				106		%

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:06:09	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.06	0.08	0.08	0.07	17.62	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	169.05	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:09:45	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88406.70	87703.73	88068.16	88059.53	0.40	ppb
Antimony	121-1	1.05	1.08	1.17	1.10	5.41	ppb
Arsenic	75-2	0.29	0.32	0.33	0.31	7.34	ppb
Barium	135-1	1.42	1.45	1.60	1.49	6.59	ppb
Barium	137-1	1.40	1.44	1.47	1.44	2.57	ppb
Beryllium	9-1	0.28	0.28	0.29	0.28	3.24	ppb
Bismuth	209-1				85		%
Bismuth	209-2				86		%
Boron	10-1	1.37	1.26	1.29	1.30	4.48	ppb
Boron	11-1	1.41	1.21	1.44	1.35	9.12	ppb
Cadmium	111-1	0.65	0.61	0.64	0.63	3.08	ppb
Cadmium	106-1	-1.19	-1.20	-0.52	-0.97		ppb
Cadmium	108-1	18.83	18.65	19.98	19.15	3.77	ppb
Calcium	43-1	94697.99	95888.53	100497.08	97027.87	3.16	ppb
Calcium	44-1	94981.62	95301.64	101173.53	97152.26	3.59	ppb
Chromium	52-2	21.94	22.09	22.04	22.03	0.34	ppb
Cobalt	59-2	1.17	1.16	1.13	1.15	1.51	ppb
Copper	63-2	7.55	7.55	7.63	7.58	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				93		%
Indium	115-2				98		%
Iron	56-2	101419.49	101886.94	101815.63	101707.35	0.25	ppb
Iron	57-2	101499.12	100778.51	102063.13	101446.92	0.63	ppb
Krypton	83-1						cps
Lead	206-1	5.21	5.15	5.32	5.23	1.64	ppb
Lead	207-1	4.63	4.52	4.75	4.63	2.48	ppb
Lead	208-1	4.83	4.79	4.93	4.85	1.56	ppb
Lithium	6-1				88		%
Magnesium	24-2	100828.26	100162.42	101311.88	100767.52	0.57	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:09:45	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.76	7.82	7.77	7.79	0.43	ppb
Molybdenum	94-1	1279.49	1272.09	1337.21	1296.26	2.75	ppb
Molybdenum	95-1	1798.76	1775.81	1867.25	1813.94	2.62	ppb
Molybdenum	96-1	1727.71	1715.44	1808.18	1750.44	2.88	ppb
Molybdenum	97-1	1778.08	1769.35	1876.67	1808.03	3.30	ppb
Molybdenum	98-1	1769.47	1775.19	1872.15	1805.60	3.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.15	5.27	5.21	5.21	1.12	ppb
Phosphorus	31-2	96082.58	96277.44	96331.68	96230.57	0.14	ppb
Potassium	39-2	95147.36	94868.60	95342.66	95119.54	0.25	ppb
Rhodium	103-1				88		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				102		%
Selenium	77-2	0.10	0.21	0.10	0.14	43.24	ppb
Selenium	78-2	0.05	0.21	0.01	0.09	118.60	ppb
Selenium	82-1	0.09	-0.11	0.06	0.01	827.22	ppb
Silicon	28-1	29.81	29.87	33.22	30.96	6.31	ppb
Silver	109-1	0.04	0.03	0.05	0.04	18.72	ppb
Silver	107-1	0.03	0.04	0.05	0.04	15.61	ppb
Sodium	23-2	98595.41	99959.13	100045.26	99533.27	0.82	ppb
Strontium	86-1	28.56	28.26	29.90	28.90	3.02	ppb
Strontium	88-1	28.52	28.27	29.91	28.90	3.06	ppb
Sulfur	34-1	92036.66	91925.35	97797.08	93919.70	3.58	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.08	0.09	0.10	0.09	11.43	ppb
Thallium	205-1	0.07	0.09	0.09	0.08	12.24	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	19.47	ppb
Tin	118-1	0.16	0.17	0.17	0.17	3.24	ppb
Titanium	47-1	1943.07	1938.49	2040.10	1973.89	2.91	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	1.74	ppb
Vanadium	51-2	0.17	0.19	0.18	0.18	4.22	ppb
Yttrium	89-1				97		%
Yttrium	89-2				102		%

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:09:45	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.98	12.89	13.00	12.96	0.45	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	14.84	ppb
Zirconium	91-1	0.01	0.02	0.03	0.02	41.97	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:13:27	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88719.02	86937.87	87596.24	87751.04	1.03	ppb
Antimony	121-1	19.62	19.52	19.92	19.69	1.05	ppb
Arsenic	75-2	18.54	18.55	18.80	18.63	0.79	ppb
Barium	135-1	20.67	20.30	20.92	20.63	1.53	ppb
Barium	137-1	20.56	20.31	20.82	20.56	1.25	ppb
Beryllium	9-1	19.33	19.00	19.02	19.12	0.97	ppb
Bismuth	209-1				87		%
Bismuth	209-2				85		%
Boron	10-1	58.99	60.33	61.17	60.17	1.83	ppb
Boron	11-1	61.10	61.08	61.36	61.18	0.25	ppb
Cadmium	111-1	19.78	19.52	19.65	19.65	0.65	ppb
Cadmium	106-1	26.59	27.07	26.96	26.87	0.94	ppb
Cadmium	108-1	42.08	41.25	42.26	41.86	1.28	ppb
Calcium	43-1	97080.47	96314.10	97242.71	96879.09	0.51	ppb
Calcium	44-1	96981.95	95679.70	97023.65	96561.76	0.79	ppb
Chromium	52-2	39.93	39.61	39.25	39.60	0.87	ppb
Cobalt	59-2	19.96	19.79	19.63	19.79	0.84	ppb
Copper	63-2	26.24	26.08	25.75	26.02	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	56-2	101547.85	101468.56	99768.34	100928.25	1.00	ppb
Iron	57-2	101101.69	101400.02	100074.31	100858.67	0.69	ppb
Krypton	83-1						cps
Lead	206-1	24.48	24.42	24.91	24.60	1.08	ppb
Lead	207-1	22.66	22.67	22.87	22.73	0.51	ppb
Lead	208-1	23.27	23.40	23.46	23.38	0.41	ppb
Lithium	6-1				90		%
Magnesium	24-2	100633.37	100083.61	99592.91	100103.30	0.52	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:13:27	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.03	26.05	25.78	25.96	0.59	ppb
Molybdenum	94-1	1428.63	1412.92	1418.21	1419.92	0.56	ppb
Molybdenum	95-1	1883.80	1848.12	1866.53	1866.15	0.96	ppb
Molybdenum	96-1	1821.21	1793.92	1815.14	1810.09	0.79	ppb
Molybdenum	97-1	1864.82	1857.31	1867.79	1863.31	0.29	ppb
Molybdenum	98-1	1855.29	1842.30	1861.83	1853.14	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.06	23.72	23.47	23.75	1.25	ppb
Phosphorus	31-2	96422.43	95170.22	94537.84	95376.83	1.01	ppb
Potassium	39-2	95504.50	95804.00	94280.45	95196.32	0.85	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				98		%
Scandium	45-2				105		%
Selenium	77-2	20.78	20.10	19.82	20.24	2.44	ppb
Selenium	78-2	17.40	19.04	17.80	18.08	4.73	ppb
Selenium	82-1	18.69	18.14	18.37	18.40	1.50	ppb
Silicon	28-1	98.99	98.08	98.31	98.46	0.48	ppb
Silver	109-1	17.89	17.81	18.24	17.98	1.28	ppb
Silver	107-1	17.81	17.88	18.06	17.92	0.72	ppb
Sodium	23-2	98977.36	98862.02	98799.68	98879.68	0.09	ppb
Strontium	86-1	80.67	80.04	80.17	80.29	0.41	ppb
Strontium	88-1	81.27	80.38	80.24	80.63	0.70	ppb
Sulfur	34-1	94248.16	93108.28	92281.91	93212.78	1.06	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	19.42	19.64	19.72	19.59	0.80	ppb
Thallium	205-1	19.08	19.25	19.50	19.28	1.09	ppb
Thorium	232-1	0.42	0.43	0.42	0.42	1.39	ppb
Tin	118-1	58.84	58.64	59.44	58.97	0.71	ppb
Titanium	47-1	1993.48	2002.01	2014.80	2003.43	0.54	ppb
Uranium	238-1	61.55	61.44	61.59	61.53	0.13	ppb
Vanadium	51-2	18.89	18.78	18.69	18.79	0.54	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:13:27	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	32.13	31.22	32.36	31.90	1.89	ppb
Zirconium	90-1	61.63	61.72	62.33	61.89	0.61	ppb
Zirconium	91-1	62.04	62.07	62.78	62.30	0.67	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	CCV090	Instrumnet Name :	P7
Client Sample ID :	CCV090	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:17:09	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51821.16	51938.37	50984.83	51581.46	1.01	ppb
Antimony	121-1	484.76	494.05	484.83	487.88	1.10	ppb
Arsenic	75-2	471.24	464.07	475.50	470.27	1.23	ppb
Barium	135-1	2510.90	2566.36	2511.00	2529.42	1.26	ppb
Barium	137-1	2530.11	2575.94	2541.70	2549.25	0.93	ppb
Beryllium	9-1	494.00	494.51	495.72	494.74	0.18	ppb
Bismuth	209-1				79		%
Bismuth	209-2				79		%
Boron	10-1	485.70	493.76	505.51	494.99	2.01	ppb
Boron	11-1	497.54	509.65	519.70	508.97	2.18	ppb
Cadmium	111-1	465.40	471.67	472.53	469.87	0.83	ppb
Cadmium	106-1	472.90	481.90	482.35	479.05	1.11	ppb
Cadmium	108-1	474.94	483.34	475.72	478.00	0.97	ppb
Calcium	43-1	243440.32	243561.30	246801.63	244601.08	0.78	ppb
Calcium	44-1	241805.22	242339.18	244581.62	242908.68	0.61	ppb
Chromium	52-2	492.25	491.18	490.61	491.35	0.17	ppb
Cobalt	59-2	488.75	485.45	486.28	486.83	0.35	ppb
Copper	63-2	1018.91	1018.49	1011.79	1016.40	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				92		%
Indium	115-2				95		%
Iron	56-2	127379.02	125768.36	126785.82	126644.40	0.64	ppb
Iron	57-2	127611.84	126371.76	126848.32	126943.98	0.49	ppb
Krypton	83-1						cps
Lead	206-1	523.61	522.61	523.24	523.15	0.10	ppb
Lead	207-1	524.15	522.91	520.85	522.64	0.32	ppb
Lead	208-1	523.34	521.56	521.38	522.10	0.21	ppb
Lithium	6-1				86		%
Magnesium	24-2	249256.30	250541.25	248671.36	249489.64	0.38	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	CCV090	Instrumnet Name :	P7
Client Sample ID :	CCV090	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:17:09	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	982.79	982.03	984.69	983.17	0.14	ppb
Molybdenum	94-1	2524.32	2500.13	2520.51	2514.99	0.52	ppb
Molybdenum	95-1	2505.75	2508.51	2512.68	2508.98	0.14	ppb
Molybdenum	96-1	2502.80	2503.82	2511.44	2506.02	0.19	ppb
Molybdenum	97-1	2502.97	2519.50	2506.54	2509.67	0.35	ppb
Molybdenum	98-1	2504.81	2506.96	2485.93	2499.23	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.40	468.71	466.76	468.96	0.50	ppb
Phosphorus	31-2	9812.50	9914.65	9671.59	9799.58	1.25	ppb
Potassium	39-2	122999.99	122644.54	120972.51	122205.68	0.89	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				97		%
Scandium	45-2				105		%
Selenium	77-2	518.35	503.17	520.62	514.05	1.85	ppb
Selenium	78-2	512.10	504.09	517.28	511.16	1.30	ppb
Selenium	82-1	495.31	494.18	498.85	496.11	0.49	ppb
Silicon	28-1	521.30	537.10	548.02	535.47	2.51	ppb
Silver	109-1	474.52	477.86	472.77	475.05	0.55	ppb
Silver	107-1	469.22	472.57	470.20	470.66	0.37	ppb
Sodium	23-2	247557.60	250104.61	247492.66	248384.96	0.60	ppb
Strontium	86-1	500.79	497.13	499.74	499.22	0.38	ppb
Strontium	88-1	502.91	504.86	498.97	502.25	0.60	ppb
Sulfur	34-1	12107.09	12109.09	12229.49	12148.56	0.58	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	526.48	523.42	522.30	524.07	0.41	ppb
Thallium	205-1	527.06	522.13	521.12	523.44	0.61	ppb
Thorium	232-1	529.34	531.77	527.22	529.44	0.43	ppb
Tin	118-1	500.02	502.50	494.98	499.17	0.77	ppb
Titanium	47-1	2516.97	2528.97	2537.57	2527.84	0.41	ppb
Uranium	238-1	532.95	532.86	524.72	530.18	0.89	ppb
Vanadium	51-2	508.23	508.03	502.70	506.32	0.62	ppb
Yttrium	89-1				99		%
Yttrium	89-2				102		%

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	CCV090	Instrumnet Name :	P7
Client Sample ID :	CCV090	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:17:09	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1043.55	1034.03	1035.28	1037.62	0.50	ppb
Zirconium	90-1	504.06	500.71	500.48	501.75	0.40	ppb
Zirconium	91-1	502.36	499.95	502.09	501.47	0.26	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	CCB090	Instrumnet Name :	P7
Client Sample ID :	CCB090	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:21:27	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.02	1.48	2.30	1.93	21.41	ppb
Antimony	121-1	0.11	0.11	0.11	0.11	2.91	ppb
Arsenic	75-2	0.01	0.01	0.03	0.02	66.18	ppb
Barium	135-1	0.07	0.06	0.05	0.06	22.72	ppb
Barium	137-1	0.07	0.06	0.05	0.06	18.73	ppb
Beryllium	9-1	0.04	0.03	0.03	0.03	24.24	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	9.48	8.82	8.63	8.98	4.95	ppb
Boron	11-1	9.25	8.87	8.33	8.81	5.26	ppb
Cadmium	111-1	0.04	0.00	0.07	0.04	94.75	ppb
Cadmium	106-1	0.17	-0.27	0.55	0.15	269.73	ppb
Cadmium	108-1	0.05	0.03	0.00	0.03	86.63	ppb
Calcium	43-1	10.60	8.06	7.73	8.80	17.83	ppb
Calcium	44-1	11.67	10.68	8.79	10.38	14.09	ppb
Chromium	52-2	-0.01	0.03	0.00	0.01	292.91	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	43.74	ppb
Copper	63-2	0.13	0.13	0.14	0.13	3.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				112		%
Iron	56-2	4.20	4.00	3.61	3.93	7.68	ppb
Iron	57-2	4.71	3.77	4.43	4.30	11.22	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.06	0.06	5.29	ppb
Lead	207-1	0.07	0.06	0.06	0.06	6.90	ppb
Lead	208-1	0.06	0.06	0.06	0.06	6.67	ppb
Lithium	6-1				99		%
Magnesium	24-2	5.52	5.42	4.99	5.31	5.22	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	CCB090	Instrumnet Name :	P7
Client Sample ID :	CCB090	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:21:27	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.02	0.02	0.02	8.98	ppb
Molybdenum	94-1	0.40	0.34	0.30	0.35	14.91	ppb
Molybdenum	95-1	0.52	0.42	0.38	0.44	16.72	ppb
Molybdenum	96-1	0.50	0.39	0.35	0.41	18.80	ppb
Molybdenum	97-1	0.53	0.45	0.35	0.44	20.15	ppb
Molybdenum	98-1	0.50	0.42	0.38	0.43	14.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.00	0.01	141.33	ppb
Phosphorus	31-2	-28.93	-24.46	-28.40	-27.27		ppb
Potassium	39-2	23.89	23.08	22.10	23.02	3.89	ppb
Rhodium	103-1				110		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				111		%
Selenium	77-2	0.09	0.19	0.00	0.10	100.13	ppb
Selenium	78-2	0.28	0.02	0.19	0.16	82.14	ppb
Selenium	82-1	0.05	-0.08	-0.03	-0.02		ppb
Silicon	28-1	2.00	1.56	1.53	1.70	15.54	ppb
Silver	109-1	0.05	0.05	0.04	0.05	6.80	ppb
Silver	107-1	0.05	0.04	0.04	0.05	6.37	ppb
Sodium	23-2	30.74	29.52	29.48	29.91	2.39	ppb
Strontium	86-1	0.03	0.01	0.00	0.02	110.17	ppb
Strontium	88-1	0.02	0.02	0.01	0.02	8.95	ppb
Sulfur	34-1	-1002.03	-934.57	-888.96	-941.85		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.13	0.12	0.11	0.12	6.06	ppb
Thallium	205-1	0.12	0.11	0.11	0.12	5.66	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	12.02	ppb
Tin	118-1	0.06	0.05	0.05	0.06	11.41	ppb
Titanium	47-1	0.18	0.14	0.13	0.15	15.85	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	24.54	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	10.67	ppb
Yttrium	89-1				111		%
Yttrium	89-2				112		%

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	CCB090	Instrumnet Name :	P7
Client Sample ID :	CCB090	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:21:27	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.01	0.00	0.08	0.02	214.61	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	10.81	ppb
Zirconium	91-1	0.02	0.02	0.03	0.03	16.80	ppb

LB Number : LB100757 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2019-02-08 18:25:03 DataFile Name : 019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.49	20.40	20.76	20.22	3.26	ppb
Antimony	121-1	1.97	1.98	1.97	1.97	0.34	ppb
Arsenic	75-2	0.90	0.99	1.07	0.98	8.48	ppb
Barium	135-1	9.71	9.87	9.83	9.80	0.83	ppb
Barium	137-1	9.65	9.79	9.75	9.73	0.72	ppb
Beryllium	9-1	0.99	0.96	1.01	0.99	2.48	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	26.95	27.12	28.76	27.61	3.63	ppb
Boron	11-1	27.67	27.51	27.86	27.68	0.62	ppb
Cadmium	111-1	1.09	1.03	1.12	1.08	4.26	ppb
Cadmium	106-1	1.45	1.46	1.62	1.51	6.13	ppb
Cadmium	108-1	1.10	1.16	1.10	1.12	3.24	ppb
Calcium	43-1	484.80	464.99	470.55	473.45	2.16	ppb
Calcium	44-1	474.16	466.96	474.55	471.89	0.91	ppb
Chromium	52-2	1.86	1.91	1.92	1.90	1.55	ppb
Cobalt	59-2	0.99	0.97	1.00	0.99	1.47	ppb
Copper	63-2	2.13	2.19	2.14	2.15	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				113		%
Iron	56-2	60.45	60.34	60.87	60.55	0.47	ppb
Iron	57-2	59.77	60.69	60.06	60.17	0.78	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.92	0.92	0.91	0.79	ppb
Lead	207-1	0.91	0.90	0.91	0.91	0.76	ppb
Lead	208-1	0.90	0.89	0.90	0.90	0.47	ppb
Lithium	6-1				100		%
Magnesium	24-2	517.59	516.97	519.48	518.01	0.25	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:25:03	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.04	1.05	1.02	1.03	1.53	ppb
Molybdenum	94-1	4.87	4.66	4.80	4.78	2.27	ppb
Molybdenum	95-1	4.68	4.61	4.74	4.68	1.39	ppb
Molybdenum	96-1	4.62	4.59	4.72	4.64	1.46	ppb
Molybdenum	97-1	4.76	4.55	4.67	4.66	2.19	ppb
Molybdenum	98-1	4.65	4.62	4.70	4.66	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.15	1.15	1.14	1.83	ppb
Phosphorus	31-2	33.10	24.38	21.19	26.22	23.52	ppb
Potassium	39-2	470.30	471.13	465.52	468.98	0.65	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				113		%
Selenium	77-2	5.19	5.46	4.23	4.96	12.97	ppb
Selenium	78-2	5.62	5.65	5.93	5.73	2.97	ppb
Selenium	82-1	5.44	5.38	5.39	5.40	0.55	ppb
Silicon	28-1	10.19	8.87	10.02	9.69	7.43	ppb
Silver	109-1	1.24	1.24	1.24	1.24	0.08	ppb
Silver	107-1	1.25	1.21	1.23	1.23	1.27	ppb
Sodium	23-2	500.30	502.40	507.93	503.55	0.78	ppb
Strontium	86-1	0.81	0.81	0.83	0.82	1.23	ppb
Strontium	88-1	0.80	0.80	0.82	0.80	1.37	ppb
Sulfur	34-1	-873.15	-978.32	-780.02	-877.16		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.94	0.92	0.96	0.94	2.48	ppb
Thallium	205-1	0.91	0.90	0.94	0.92	2.19	ppb
Thorium	232-1	0.80	0.81	0.81	0.81	0.30	ppb
Tin	118-1	5.12	5.03	5.19	5.11	1.60	ppb
Titanium	47-1	4.83	4.95	4.88	4.89	1.16	ppb
Uranium	238-1	0.82	0.80	0.83	0.82	1.54	ppb
Vanadium	51-2	4.91	5.04	5.13	5.03	2.25	ppb
Yttrium	89-1				111		%
Yttrium	89-2				113		%

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:25:03	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.16	2.18	2.10	2.15	1.85	ppb
Zirconium	90-1	0.94	0.94	0.96	0.94	1.18	ppb
Zirconium	91-1	0.99	1.00	1.00	1.00	0.46	ppb

LB Number : LB100757 Operator : Jaswal
 Lab Sample ID : PB116908BL Instrumnet Name : P7
 Client Sample ID : PBW908 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-08 18:28:39 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.39	1.28	0.57	1.08	41.31	ppb
Antimony	121-1	0.04	0.03	0.04	0.04	13.61	ppb
Arsenic	75-2	0.01	0.02	0.00	0.01	83.46	ppb
Barium	135-1	0.09	0.09	0.05	0.08	32.76	ppb
Barium	137-1	0.08	0.07	0.07	0.07	12.57	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	15.09	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	3.64	3.53	3.29	3.49	5.11	ppb
Boron	11-1	3.81	3.48	3.36	3.55	6.52	ppb
Cadmium	111-1	0.03	0.08	0.07	0.06	48.39	ppb
Cadmium	106-1	0.08	0.71	0.68	0.49	73.25	ppb
Cadmium	108-1	0.02	0.00	0.02	0.02	68.16	ppb
Calcium	43-1	8.90	6.38	6.49	7.26	19.57	ppb
Calcium	44-1	11.00	9.52	8.16	9.56	14.89	ppb
Chromium	52-2	0.00	-0.01	0.00	0.00		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	12.63	ppb
Copper	63-2	0.09	0.12	0.09	0.10	13.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				112		%
Iron	56-2	3.41	2.93	2.26	2.87	20.24	ppb
Iron	57-2	2.87	2.23	1.85	2.31	22.29	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.02	0.03	21.88	ppb
Lead	207-1	0.04	0.03	0.03	0.03	16.28	ppb
Lead	208-1	0.03	0.03	0.03	0.03	15.49	ppb
Lithium	6-1				99		%
Magnesium	24-2	5.21	4.10	3.71	4.34	17.92	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	PB116908BL	Instrumnet Name :	P7
Client Sample ID :	PBW908	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:28:39	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.01	0.02	0.02	8.12	ppb
Molybdenum	94-1	0.17	0.15	0.12	0.15	14.92	ppb
Molybdenum	95-1	0.15	0.13	0.13	0.14	7.22	ppb
Molybdenum	96-1	0.16	0.13	0.13	0.14	11.77	ppb
Molybdenum	97-1	0.16	0.15	0.13	0.15	11.27	ppb
Molybdenum	98-1	0.16	0.15	0.12	0.14	11.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.01	0.01	56.98	ppb
Phosphorus	31-2	-26.76	-32.68	-26.26	-28.57		ppb
Potassium	39-2	9.54	9.15	9.63	9.44	2.70	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				108		%
Scandium	45-2				113		%
Selenium	77-2	0.00	0.00	0.09	0.03	173.21	ppb
Selenium	78-2	-0.01	0.04	0.19	0.07	140.23	ppb
Selenium	82-1	0.13	0.05	0.05	0.08	59.45	ppb
Silicon	28-1	-0.39	-0.58	-0.50	-0.49		ppb
Silver	109-1	0.02	0.02	0.02	0.02	3.95	ppb
Silver	107-1	0.02	0.02	0.02	0.02	9.03	ppb
Sodium	23-2	17.53	16.48	15.99	16.67	4.73	ppb
Strontium	86-1	0.02	0.02	0.01	0.02	35.77	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	20.21	ppb
Sulfur	34-1	-727.41	-713.49	-698.96	-713.29		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.05	0.05	0.05	0.05	4.88	ppb
Thallium	205-1	0.06	0.06	0.05	0.06	3.12	ppb
Thorium	232-1	0.05	0.05	0.04	0.04	11.58	ppb
Tin	118-1	0.05	0.04	0.03	0.04	31.95	ppb
Titanium	47-1	0.14	0.15	0.12	0.14	9.05	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	18.04	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	40.06	ppb
Yttrium	89-1				111		%
Yttrium	89-2				113		%

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	PB116908BL	Instrumnet Name :	P7
Client Sample ID :	PBW908	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:28:39	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.05	-0.01	-0.01	-0.02		ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	15.51	ppb
Zirconium	91-1	0.02	0.03	0.03	0.03	15.30	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	PB116908BS	Instrumnet Name :	P7
Client Sample ID :	LCS908	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:32:15	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.10	35.66	37.24	36.67	2.39	ppb
Antimony	121-1	3.92	3.87	3.84	3.88	1.00	ppb
Arsenic	75-2	1.99	1.94	1.96	1.97	1.31	ppb
Barium	135-1	19.83	19.29	19.33	19.49	1.53	ppb
Barium	137-1	19.43	19.39	19.59	19.47	0.53	ppb
Beryllium	9-1	1.91	1.98	1.97	1.95	1.88	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	47.13	48.29	49.26	48.23	2.21	ppb
Boron	11-1	47.51	48.74	49.69	48.65	2.25	ppb
Cadmium	111-1	2.01	2.09	2.08	2.06	1.94	ppb
Cadmium	106-1	2.37	2.24	2.48	2.36	5.17	ppb
Cadmium	108-1	2.15	2.14	1.96	2.08	5.17	ppb
Calcium	43-1	940.78	932.69	930.89	934.79	0.56	ppb
Calcium	44-1	940.24	933.15	934.47	935.95	0.40	ppb
Chromium	52-2	1.96	1.97	1.98	1.97	0.39	ppb
Cobalt	59-2	1.98	1.96	1.94	1.96	1.01	ppb
Copper	63-2	4.18	4.16	4.23	4.19	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				114		%
Iron	56-2	418.67	418.32	416.01	417.66	0.35	ppb
Iron	57-2	409.19	412.55	415.04	412.26	0.71	ppb
Krypton	83-1						cps
Lead	206-1	1.81	1.80	1.79	1.80	0.73	ppb
Lead	207-1	1.76	1.71	1.75	1.74	1.57	ppb
Lead	208-1	1.76	1.75	1.75	1.75	0.20	ppb
Lithium	6-1				99		%
Magnesium	24-2	1044.98	1052.56	1033.12	1043.55	0.94	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	PB116908BS	Instrumnet Name :	P7
Client Sample ID :	LCS908	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:32:15	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.00	2.02	2.05	2.03	1.19	ppb
Molybdenum	94-1	8.00	8.12	7.92	8.01	1.27	ppb
Molybdenum	95-1	7.40	7.37	7.42	7.40	0.32	ppb
Molybdenum	96-1	7.36	7.32	7.32	7.33	0.31	ppb
Molybdenum	97-1	7.45	7.43	7.18	7.35	2.01	ppb
Molybdenum	98-1	7.26	7.37	7.27	7.30	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.08	2.15	2.21	2.15	3.05	ppb
Phosphorus	31-2	68.87	73.29	59.13	67.10	10.80	ppb
Potassium	39-2	917.28	914.49	909.55	913.77	0.43	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				108		%
Scandium	45-2				113		%
Selenium	77-2	10.73	11.39	12.43	11.52	7.45	ppb
Selenium	78-2	11.28	10.92	10.59	10.93	3.13	ppb
Selenium	82-1	10.94	10.69	10.56	10.73	1.79	ppb
Silicon	28-1	21.01	21.49	21.13	21.21	1.19	ppb
Silver	109-1	2.31	2.25	2.31	2.29	1.55	ppb
Silver	107-1	2.25	2.29	2.20	2.25	2.01	ppb
Sodium	23-2	960.33	966.90	951.79	959.68	0.79	ppb
Strontium	86-1	1.54	1.61	1.54	1.56	2.71	ppb
Strontium	88-1	1.59	1.59	1.57	1.58	1.01	ppb
Sulfur	34-1	-603.27	-523.30	-598.17	-574.91		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	1.74	1.78	1.78	1.77	1.09	ppb
Thallium	205-1	1.72	1.76	1.72	1.74	1.10	ppb
Thorium	232-1	1.57	1.60	1.58	1.58	0.67	ppb
Tin	118-1	10.14	10.19	10.11	10.15	0.38	ppb
Titanium	47-1	9.45	9.65	9.55	9.55	1.08	ppb
Uranium	238-1	1.62	1.64	1.62	1.63	0.75	ppb
Vanadium	51-2	9.92	9.89	9.81	9.87	0.55	ppb
Yttrium	89-1				112		%
Yttrium	89-2				115		%

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	PB116908BS	Instrumnet Name :	P7
Client Sample ID :	LCS908	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:32:15	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.39	4.67	4.50	4.52	3.19	ppb
Zirconium	90-1	1.87	1.91	1.87	1.88	1.07	ppb
Zirconium	91-1	1.91	1.93	1.94	1.93	0.59	ppb

LB Number : LB100757 Operator : Jaswal
 Lab Sample ID : K1398-01 Instrumnet Name : P7
 Client Sample ID : METC59 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-08 18:35:51 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.41	8.12	8.93	8.49	4.83	ppb
Antimony	121-1	0.26	0.25	0.28	0.26	4.47	ppb
Arsenic	75-2	2.93	3.00	2.87	2.93	2.35	ppb
Barium	135-1	111.76	112.21	111.64	111.87	0.27	ppb
Barium	137-1	110.96	112.92	110.96	111.62	1.01	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	16.29	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	246.96	253.90	256.82	252.56	2.01	ppb
Boron	11-1	250.39	257.32	263.87	257.19	2.62	ppb
Cadmium	111-1	0.04	0.07	0.08	0.06	33.85	ppb
Cadmium	106-1	-0.50	0.13	0.13	-0.08		ppb
Cadmium	108-1	0.79	0.93	0.89	0.87	8.25	ppb
Calcium	43-1	119572.13	120603.87	117866.62	119347.54	1.16	ppb
Calcium	44-1	118889.36	119288.91	117488.71	118555.66	0.80	ppb
Chromium	52-2	0.99	0.88	0.80	0.89	10.97	ppb
Cobalt	59-2	0.83	0.84	0.84	0.84	0.48	ppb
Copper	63-2	1.28	1.25	1.24	1.26	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				110		%
Iron	56-2	197.20	195.87	195.18	196.08	0.53	ppb
Iron	57-2	530.41	521.95	527.10	526.49	0.81	ppb
Krypton	83-1						cps
Lead	206-1	0.81	0.80	0.72	0.77	6.73	ppb
Lead	207-1	0.77	0.76	0.70	0.74	4.61	ppb
Lead	208-1	0.80	0.76	0.71	0.76	5.35	ppb
Lithium	6-1				108		%
Magnesium	24-2	40589.22	40352.36	40363.45	40435.01	0.33	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-01	Instrumnet Name :	P7
Client Sample ID :	METC59	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:35:51	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	99.87	100.12	99.43	99.81	0.35	ppb
Molybdenum	94-1	49.93	50.26	50.38	50.19	0.46	ppb
Molybdenum	95-1	70.24	70.60	70.02	70.29	0.42	ppb
Molybdenum	96-1	66.60	67.86	67.80	67.42	1.05	ppb
Molybdenum	97-1	70.16	70.68	70.38	70.41	0.37	ppb
Molybdenum	98-1	69.08	70.13	70.35	69.86	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.47	14.42	14.41	14.43	0.23	ppb
Phosphorus	31-2	51.56	60.46	60.49	57.50	8.96	ppb
Potassium	39-2	4682.76	4619.13	4664.55	4655.48	0.70	ppb
Rhodium	103-1				108		%
Rhodium	103-2				103		%
Scandium	45-1				114		%
Scandium	45-2				115		%
Selenium	77-2	1.50	1.22	1.03	1.25	18.78	ppb
Selenium	78-2	1.13	0.67	1.10	0.97	26.40	ppb
Selenium	82-1	1.03	1.15	1.26	1.15	9.69	ppb
Silicon	28-1	6499.69	6600.78	6546.27	6548.91	0.77	ppb
Silver	109-1	0.10	0.14	0.15	0.13	18.70	ppb
Silver	107-1	0.10	0.14	0.16	0.13	21.23	ppb
Sodium	23-2	60416.62	60110.98	60344.13	60290.58	0.26	ppb
Strontium	86-1	295.60	298.33	298.70	297.55	0.57	ppb
Strontium	88-1	297.85	296.98	299.16	298.00	0.37	ppb
Sulfur	34-1	28261.90	28743.56	28274.64	28426.70	0.97	ppb
Terbium	159-1				116		%
Terbium	159-2				109		%
Thallium	203-1	0.21	0.29	0.31	0.27	19.04	ppb
Thallium	205-1	0.22	0.28	0.30	0.27	17.02	ppb
Thorium	232-1	0.01	0.01	0.00	0.01	16.12	ppb
Tin	118-1	0.23	0.22	0.22	0.22	2.60	ppb
Titanium	47-1	0.80	0.75	0.83	0.79	5.16	ppb
Uranium	238-1	6.02	6.02	6.02	6.02	0.07	ppb
Vanadium	51-2	0.25	0.27	0.26	0.26	3.37	ppb
Yttrium	89-1				116		%
Yttrium	89-2				113		%

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-01	Instrumnet Name :	P7
Client Sample ID :	METC59	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:35:51	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	24.34	24.31	24.15	24.27	0.41	ppb
Zirconium	90-1	0.07	0.07	0.07	0.07	1.66	ppb
Zirconium	91-1	0.07	0.08	0.08	0.08	11.09	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-02	Instrumnet Name :	P7
Client Sample ID :	METC60	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:39:33	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.74	6.07	6.11	5.97	3.47	ppb
Antimony	121-1	0.24	0.22	0.22	0.23	4.90	ppb
Arsenic	75-2	2.81	3.00	2.77	2.86	4.33	ppb
Barium	135-1	111.22	109.89	110.35	110.49	0.61	ppb
Barium	137-1	111.47	110.69	109.86	110.67	0.73	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	2.90	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	250.21	257.83	257.30	255.11	1.67	ppb
Boron	11-1	252.55	260.25	257.93	256.91	1.54	ppb
Cadmium	111-1	0.02	0.04	0.01	0.02	59.69	ppb
Cadmium	106-1	-0.58	-0.32	-0.50	-0.47		ppb
Cadmium	108-1	0.80	0.95	0.96	0.90	10.05	ppb
Calcium	43-1	118099.76	118618.07	119518.71	118745.51	0.60	ppb
Calcium	44-1	117726.85	117476.31	118911.15	118038.10	0.65	ppb
Chromium	52-2	0.53	0.50	0.46	0.50	6.85	ppb
Cobalt	59-2	0.83	0.83	0.79	0.82	2.57	ppb
Copper	63-2	1.30	1.30	1.31	1.30	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	193.73	191.65	192.76	192.71	0.54	ppb
Iron	57-2	514.60	518.33	518.33	517.09	0.42	ppb
Krypton	83-1						cps
Lead	206-1	0.63	0.63	0.64	0.63	1.27	ppb
Lead	207-1	0.61	0.61	0.60	0.61	0.46	ppb
Lead	208-1	0.60	0.61	0.61	0.61	0.73	ppb
Lithium	6-1				106		%
Magnesium	24-2	41481.22	41177.84	40932.33	41197.13	0.67	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-02	Instrumnet Name :	P7
Client Sample ID :	METC60	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:39:33	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	101.02	100.05	99.13	100.07	0.94	ppb
Molybdenum	94-1	49.98	50.12	50.60	50.23	0.65	ppb
Molybdenum	95-1	69.38	69.94	70.25	69.86	0.64	ppb
Molybdenum	96-1	66.48	66.64	67.73	66.95	1.02	ppb
Molybdenum	97-1	69.45	69.90	70.54	69.96	0.78	ppb
Molybdenum	98-1	69.58	69.74	70.17	69.83	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.36	14.34	14.15	14.28	0.80	ppb
Phosphorus	31-2	44.49	46.90	59.21	50.20	15.72	ppb
Potassium	39-2	4696.26	4639.08	4658.48	4664.61	0.62	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	77-2	1.28	1.08	1.18	1.18	8.17	ppb
Selenium	78-2	0.89	0.96	0.86	0.91	5.71	ppb
Selenium	82-1	1.09	1.18	1.05	1.11	6.02	ppb
Silicon	28-1	6515.40	6500.45	6520.96	6512.27	0.16	ppb
Silver	109-1	0.12	0.16	0.16	0.15	13.62	ppb
Silver	107-1	0.13	0.14	0.15	0.14	6.50	ppb
Sodium	23-2	61160.47	60759.17	61619.22	61179.62	0.70	ppb
Strontium	86-1	294.63	294.63	298.60	295.95	0.78	ppb
Strontium	88-1	297.58	295.26	298.49	297.11	0.56	ppb
Sulfur	34-1	28351.26	28624.31	28892.78	28622.79	0.95	ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.17	0.19	0.21	0.19	11.69	ppb
Thallium	205-1	0.16	0.19	0.20	0.19	10.58	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	3.13	ppb
Tin	118-1	0.19	0.20	0.19	0.19	3.67	ppb
Titanium	47-1	0.84	0.79	0.81	0.81	2.97	ppb
Uranium	238-1	6.02	6.07	6.13	6.08	0.96	ppb
Vanadium	51-2	0.27	0.28	0.27	0.27	0.59	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-02	Instrumnet Name :	P7
Client Sample ID :	METC60	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:39:33	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	20.16	19.50	19.68	19.78	1.71	ppb
Zirconium	90-1	0.06	0.06	0.07	0.06	3.27	ppb
Zirconium	91-1	0.07	0.08	0.08	0.08	2.54	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-03	Instrumnet Name :	P7
Client Sample ID :	METC60D	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:43:16	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.73	6.06	6.11	5.97	3.48	ppb
Antimony	121-1	0.20	0.23	0.22	0.22	7.48	ppb
Arsenic	75-2	2.75	2.97	2.93	2.88	4.13	ppb
Barium	135-1	110.85	114.12	111.22	112.06	1.60	ppb
Barium	137-1	110.29	113.57	110.59	111.48	1.62	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	22.99	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	10-1	249.95	266.38	263.65	259.99	3.39	ppb
Boron	11-1	254.73	272.01	264.95	263.90	3.29	ppb
Cadmium	111-1	0.05	0.01	0.03	0.03	64.48	ppb
Cadmium	106-1	-0.40	-0.81	-0.35	-0.52		ppb
Cadmium	108-1	0.94	0.85	0.95	0.91	6.23	ppb
Calcium	43-1	120799.33	123444.90	119392.82	121212.35	1.70	ppb
Calcium	44-1	120124.57	123483.49	118606.85	120738.30	2.07	ppb
Chromium	52-2	0.42	0.42	0.42	0.42	0.46	ppb
Cobalt	59-2	0.84	0.82	0.86	0.84	2.47	ppb
Copper	63-2	1.32	1.30	1.35	1.32	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	193.72	192.01	193.87	193.20	0.53	ppb
Iron	57-2	516.14	511.71	519.19	515.68	0.73	ppb
Krypton	83-1						cps
Lead	206-1	0.60	0.64	0.64	0.63	3.29	ppb
Lead	207-1	0.58	0.60	0.60	0.59	2.20	ppb
Lead	208-1	0.59	0.61	0.60	0.60	2.27	ppb
Lithium	6-1				103		%
Magnesium	24-2	41122.21	41428.10	41544.92	41365.08	0.53	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-03	Instrumnet Name :	P7
Client Sample ID :	METC60D	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:43:16	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	99.90	99.53	100.27	99.90	0.37	ppb
Molybdenum	94-1	49.84	52.41	50.98	51.08	2.53	ppb
Molybdenum	95-1	69.63	72.89	70.47	71.00	2.39	ppb
Molybdenum	96-1	67.50	71.07	67.52	68.70	2.99	ppb
Molybdenum	97-1	70.55	73.32	70.45	71.44	2.28	ppb
Molybdenum	98-1	70.86	73.16	70.01	71.34	2.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.49	14.51	14.60	14.53	0.39	ppb
Phosphorus	31-2	59.76	52.74	50.11	54.20	9.20	ppb
Potassium	39-2	4612.82	4560.35	4649.72	4607.63	0.97	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	1.12	0.81	1.13	1.02	17.64	ppb
Selenium	78-2	0.84	0.92	1.07	0.94	12.24	ppb
Selenium	82-1	1.02	1.15	1.06	1.08	6.32	ppb
Silicon	28-1	6579.85	6772.23	6479.01	6610.37	2.25	ppb
Silver	109-1	0.12	0.14	0.14	0.13	9.96	ppb
Silver	107-1	0.12	0.14	0.14	0.13	10.55	ppb
Sodium	23-2	61477.45	61559.40	61031.31	61356.05	0.46	ppb
Strontium	86-1	297.97	311.19	302.87	304.01	2.20	ppb
Strontium	88-1	297.89	308.20	300.57	302.22	1.77	ppb
Sulfur	34-1	29161.38	30071.85	29141.48	29458.24	1.80	ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.11	0.13	0.13	0.12	9.65	ppb
Thallium	205-1	0.11	0.13	0.14	0.13	13.13	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	11.24	ppb
Tin	118-1	0.17	0.19	0.18	0.18	6.69	ppb
Titanium	47-1	0.77	0.86	0.83	0.82	5.52	ppb
Uranium	238-1	6.19	6.38	6.21	6.26	1.68	ppb
Vanadium	51-2	0.29	0.29	0.30	0.29	1.17	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-03	Instrumnet Name :	P7
Client Sample ID :	METC60D	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:43:16	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	20.17	19.92	19.97	20.02	0.65	ppb
Zirconium	90-1	0.06	0.07	0.07	0.07	5.63	ppb
Zirconium	91-1	0.08	0.07	0.08	0.08	8.05	ppb

LB Number : LB100757 Operator : Jaswal
 Lab Sample ID : K1398-02LX5 Instrumnet Name : P7
 Client Sample ID : METC60L Dilution Factor : 5
 Date & Time Acquired :: 2019-02-08 18:46:58 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.54	0.92	1.34	1.27	25.06	ppb
Antimony	121-1	0.04	0.04	0.03	0.04	12.22	ppb
Arsenic	75-2	0.57	0.53	0.55	0.55	4.00	ppb
Barium	135-1	22.44	22.67	18.35	21.15	11.49	ppb
Barium	137-1	22.52	22.60	18.42	21.18	11.28	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	66.82	ppb
Bismuth	209-1				101		%
Bismuth	209-2				93		%
Boron	10-1	62.04	62.99	53.86	59.63	8.41	ppb
Boron	11-1	62.23	62.69	53.65	59.52	8.56	ppb
Cadmium	111-1	0.04	-0.04	-0.04	-0.01		ppb
Cadmium	106-1	0.32	-0.63	-0.67	-0.33		ppb
Cadmium	108-1	0.18	0.25	0.20	0.21	18.36	ppb
Calcium	43-1	24472.14	24555.92	20465.89	23164.65	10.09	ppb
Calcium	44-1	24456.92	24378.38	19907.44	22914.25	11.37	ppb
Chromium	52-2	0.59	0.63	0.62	0.61	3.65	ppb
Cobalt	59-2	0.16	0.17	0.17	0.16	1.25	ppb
Copper	63-2	0.37	0.41	0.37	0.38	5.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				97		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	39.82	40.61	38.72	39.72	2.39	ppb
Iron	57-2	103.27	101.45	100.77	101.83	1.27	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.17	0.14	0.16	11.38	ppb
Lead	207-1	0.15	0.16	0.13	0.15	10.92	ppb
Lead	208-1	0.16	0.17	0.13	0.15	12.86	ppb
Lithium	6-1				101		%
Magnesium	24-2	8403.38	8569.35	8094.53	8355.75	2.88	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-02LX5	Instrumnet Name :	P7
Client Sample ID :	METC60L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-08 18:46:58	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	20.63	20.96	19.96	20.52	2.48	ppb
Molybdenum	94-1	10.13	9.99	8.51	9.55	9.40	ppb
Molybdenum	95-1	14.21	14.05	11.71	13.32	10.52	ppb
Molybdenum	96-1	13.68	13.50	11.16	12.78	10.98	ppb
Molybdenum	97-1	14.25	14.03	11.64	13.31	10.89	ppb
Molybdenum	98-1	14.12	14.20	11.66	13.33	10.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.04	3.02	2.88	2.98	2.94	ppb
Phosphorus	31-2	-23.68	-19.43	-17.72	-20.28		ppb
Potassium	39-2	917.01	946.07	899.21	920.76	2.57	ppb
Rhodium	103-1				100		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	0.11	0.34	0.33	0.26	49.56	ppb
Selenium	78-2	-0.03	0.13	0.24	0.11	121.98	ppb
Selenium	82-1	0.35	0.14	0.25	0.25	44.08	ppb
Silicon	28-1	1303.95	1310.84	1074.94	1229.91	10.92	ppb
Silver	109-1	0.05	0.04	0.04	0.04	9.99	ppb
Silver	107-1	0.05	0.04	0.04	0.04	10.47	ppb
Sodium	23-2	12321.07	12595.28	11941.83	12286.06	2.67	ppb
Strontium	86-1	59.76	60.63	49.47	56.62	10.96	ppb
Strontium	88-1	60.53	60.25	49.63	56.80	10.94	ppb
Sulfur	34-1	7930.51	7923.03	5755.76	7203.10	17.40	ppb
Terbium	159-1				106		%
Terbium	159-2				96		%
Thallium	203-1	0.04	0.03	0.02	0.03	25.72	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	17.65	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	17.82	ppb
Tin	118-1	0.05	0.05	0.02	0.04	38.39	ppb
Titanium	47-1	0.21	0.16	0.15	0.17	18.74	ppb
Uranium	238-1	1.17	1.18	0.95	1.10	11.75	ppb
Vanadium	51-2	0.08	0.08	0.08	0.08	1.85	ppb
Yttrium	89-1				103		%
Yttrium	89-2				96		%

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-02LX5	Instrumnet Name :	P7
Client Sample ID :	METC60L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-08 18:46:58	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.12	4.11	4.15	4.13	0.51	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	16.81	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	29.00	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-04	Instrumnet Name :	P7
Client Sample ID :	METC60S	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 19:12:55	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2027.54	2044.51	2032.65	2034.90	0.43	ppb
Antimony	121-1	112.19	113.59	126.67	117.48	6.80	ppb
Arsenic	75-2	51.64	51.00	51.44	51.36	0.63	ppb
Barium	135-1	2248.64	2250.65	2518.38	2339.23	6.63	ppb
Barium	137-1	2272.59	2258.00	2536.05	2355.55	6.64	ppb
Beryllium	9-1	55.21	55.73	61.97	57.64	6.52	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	236.94	243.77	274.89	251.87	8.03	ppb
Boron	11-1	241.48	249.05	276.50	255.67	7.21	ppb
Cadmium	111-1	56.08	56.69	63.34	58.70	6.86	ppb
Cadmium	106-1	42.16	42.24	47.90	44.10	7.47	ppb
Cadmium	108-1	49.83	50.29	58.10	52.74	8.81	ppb
Calcium	43-1	116830.22	114430.36	128974.94	120078.51	6.49	ppb
Calcium	44-1	115931.11	114856.94	129634.65	120140.90	6.86	ppb
Chromium	52-2	222.75	222.52	224.58	223.28	0.50	ppb
Cobalt	59-2	562.99	565.10	561.42	563.17	0.33	ppb
Copper	63-2	286.93	288.97	290.72	288.88	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	1358.39	1348.96	1350.61	1352.65	0.37	ppb
Iron	57-2	1646.46	1651.34	1655.64	1651.15	0.28	ppb
Krypton	83-1						cps
Lead	206-1	21.77	22.10	24.93	22.93	7.57	ppb
Lead	207-1	21.81	22.22	24.91	22.98	7.34	ppb
Lead	208-1	21.63	22.03	24.65	22.77	7.22	ppb
Lithium	6-1				99		%
Magnesium	24-2	39844.85	39855.83	39553.13	39751.27	0.43	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-04	Instrumnet Name :	P7
Client Sample ID :	METC60S	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 19:12:55	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	646.42	644.67	646.50	645.86	0.16	ppb
Molybdenum	94-1	200.86	201.72	228.19	210.26	7.39	ppb
Molybdenum	95-1	281.46	283.23	318.64	294.44	7.12	ppb
Molybdenum	96-1	272.92	272.41	306.12	283.82	6.81	ppb
Molybdenum	97-1	281.07	281.00	315.54	292.54	6.81	ppb
Molybdenum	98-1	283.32	281.58	313.81	292.90	6.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	583.70	585.63	585.86	585.07	0.20	ppb
Phosphorus	31-2	49.95	44.79	51.69	48.81	7.35	ppb
Potassium	39-2	4488.64	4484.91	4472.23	4481.93	0.19	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	77-2	183.47	181.81	189.64	184.98	2.23	ppb
Selenium	78-2	183.75	182.10	185.53	183.79	0.93	ppb
Selenium	82-1	179.98	183.46	199.07	187.50	5.42	ppb
Silicon	28-1	6229.08	6262.71	6990.86	6494.22	6.63	ppb
Silver	109-1	51.57	52.01	58.35	53.98	7.03	ppb
Silver	107-1	50.78	51.58	57.47	53.28	6.86	ppb
Sodium	23-2	59263.24	58826.04	59018.30	59035.86	0.37	ppb
Strontium	86-1	287.74	291.84	323.98	301.19	6.59	ppb
Strontium	88-1	287.58	290.39	322.66	300.21	6.49	ppb
Sulfur	34-1	27262.49	27066.40	30940.31	28423.06	7.68	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	53.31	54.34	61.03	56.23	7.46	ppb
Thallium	205-1	53.34	54.07	60.61	56.01	7.15	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	4.62	ppb
Tin	118-1	0.19	0.19	0.22	0.20	8.24	ppb
Titanium	47-1	0.78	0.86	0.87	0.84	5.54	ppb
Uranium	238-1	6.01	6.02	6.83	6.28	7.46	ppb
Vanadium	51-2	559.34	561.84	564.83	562.00	0.49	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-04	Instrumnet Name :	P7
Client Sample ID :	METC60S	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 19:12:55	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	640.98	641.51	645.36	642.61	0.37	ppb
Zirconium	90-1	0.07	0.07	0.07	0.07	5.81	ppb
Zirconium	91-1	0.11	0.12	0.12	0.12	4.35	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-02A	Instrumnet Name :	P7
Client Sample ID :	METC60A	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 19:17:13	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.33	6.16	6.72	6.40	4.52	ppb
Antimony	121-1	0.21	0.21	0.23	0.22	5.42	ppb
Arsenic	75-2	2.69	2.83	2.74	2.75	2.56	ppb
Barium	135-1	109.10	109.15	111.21	109.82	1.10	ppb
Barium	137-1	109.13	109.75	111.76	110.21	1.24	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	7.20	ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Boron	10-1	242.27	251.08	255.38	249.58	2.68	ppb
Boron	11-1	247.37	253.41	260.77	253.85	2.64	ppb
Cadmium	111-1	-0.05	-0.01	-0.05	-0.04		ppb
Cadmium	106-1	-1.52	-0.63	-1.42	-1.19		ppb
Cadmium	108-1	0.76	0.88	0.87	0.84	7.70	ppb
Calcium	43-1	117843.54	119129.37	118452.98	118475.30	0.54	ppb
Calcium	44-1	117798.13	118729.85	118364.88	118297.62	0.40	ppb
Chromium	52-2	0.33	0.31	0.33	0.32	3.91	ppb
Cobalt	59-2	0.85	0.83	0.84	0.84	1.28	ppb
Copper	63-2	1.11	1.15	1.10	1.12	2.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	192.74	192.79	193.17	192.90	0.12	ppb
Iron	57-2	500.77	497.68	503.16	500.54	0.55	ppb
Krypton	83-1						cps
Lead	206-1	0.54	0.58	0.55	0.56	3.75	ppb
Lead	207-1	0.53	0.51	0.54	0.53	3.11	ppb
Lead	208-1	0.53	0.55	0.55	0.54	1.38	ppb
Lithium	6-1				101		%
Magnesium	24-2	40952.40	40521.80	40023.01	40499.07	1.15	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-02A	Instrumnet Name :	P7
Client Sample ID :	METC60A	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 19:17:13	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	99.82	100.45	99.96	100.07	0.33	ppb
Molybdenum	94-1	50.33	50.42	50.81	50.52	0.51	ppb
Molybdenum	95-1	69.44	69.68	70.38	69.83	0.70	ppb
Molybdenum	96-1	67.07	67.19	68.25	67.50	0.96	ppb
Molybdenum	97-1	70.09	69.88	71.09	70.35	0.92	ppb
Molybdenum	98-1	69.69	70.06	70.20	69.98	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.49	14.51	14.39	14.46	0.44	ppb
Phosphorus	31-2	37.61	40.41	54.90	44.31	20.95	ppb
Potassium	39-2	4566.09	4578.74	4542.19	4562.34	0.41	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	11.64	12.49	13.79	12.64	8.60	ppb
Selenium	78-2	11.38	12.40	12.08	11.95	4.39	ppb
Selenium	82-1	12.43	12.70	12.47	12.53	1.17	ppb
Silicon	28-1	6338.29	6413.72	6349.52	6367.17	0.64	ppb
Silver	109-1	0.05	0.06	0.07	0.06	12.68	ppb
Silver	107-1	0.06	0.06	0.07	0.06	9.41	ppb
Sodium	23-2	60600.86	60379.94	60335.11	60438.64	0.24	ppb
Strontium	86-1	293.80	294.97	295.47	294.75	0.29	ppb
Strontium	88-1	296.40	295.00	295.54	295.64	0.24	ppb
Sulfur	34-1	27805.10	28118.34	28084.20	28002.55	0.61	ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.04	0.04	0.04	7.66	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	3.51	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	44.25	ppb
Tin	118-1	0.19	0.16	0.17	0.17	7.94	ppb
Titanium	47-1	0.73	0.75	0.81	0.76	4.98	ppb
Uranium	238-1	6.12	6.08	6.19	6.13	0.89	ppb
Vanadium	51-2	0.31	0.28	0.30	0.29	4.32	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-02A	Instrumnet Name :	P7
Client Sample ID :	METC60A	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 19:17:13	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	20.19	20.30	20.34	20.28	0.37	ppb
Zirconium	90-1	0.06	0.06	0.06	0.06	4.09	ppb
Zirconium	91-1	0.06	0.08	0.06	0.07	14.10	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	CCV091	Instrumnet Name :	P7
Client Sample ID :	CCV091	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 19:21:06	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51188.10	50817.35	50767.07	50924.17	0.45	ppb
Antimony	121-1	480.29	474.90	476.76	477.32	0.57	ppb
Arsenic	75-2	464.80	464.78	460.85	463.48	0.49	ppb
Barium	135-1	2521.79	2460.79	2483.80	2488.79	1.24	ppb
Barium	137-1	2526.31	2470.32	2495.31	2497.31	1.12	ppb
Beryllium	9-1	491.94	478.79	480.17	483.63	1.49	ppb
Bismuth	209-1				78		%
Bismuth	209-2				78		%
Boron	10-1	494.09	493.97	501.21	496.42	0.84	ppb
Boron	11-1	513.46	503.00	515.95	510.80	1.35	ppb
Cadmium	111-1	459.47	455.77	458.13	457.79	0.41	ppb
Cadmium	106-1	471.02	464.37	459.42	464.94	1.25	ppb
Cadmium	108-1	469.09	463.80	463.90	465.60	0.65	ppb
Calcium	43-1	245413.62	243984.59	242000.81	243799.67	0.70	ppb
Calcium	44-1	247146.38	243508.95	241699.84	244118.39	1.14	ppb
Chromium	52-2	494.27	490.73	491.90	492.30	0.37	ppb
Cobalt	59-2	490.09	484.58	488.61	487.76	0.58	ppb
Copper	63-2	1033.93	1021.85	1021.41	1025.73	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				87		%
Indium	115-2				91		%
Iron	56-2	127707.39	125791.70	125442.16	126313.75	0.97	ppb
Iron	57-2	126852.05	125919.50	125747.14	126172.90	0.47	ppb
Krypton	83-1						cps
Lead	206-1	527.40	517.36	513.18	519.31	1.41	ppb
Lead	207-1	524.12	519.55	514.42	519.36	0.93	ppb
Lead	208-1	524.03	516.80	514.15	518.33	0.99	ppb
Lithium	6-1				81		%
Magnesium	24-2	251136.08	246751.09	248074.69	248653.95	0.90	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	CCV091	Instrumnet Name :	P7
Client Sample ID :	CCV091	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 19:21:06	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	983.36	980.08	973.19	978.88	0.53	ppb
Molybdenum	94-1	2531.03	2544.74	2492.90	2522.89	1.06	ppb
Molybdenum	95-1	2532.52	2525.37	2497.48	2518.46	0.74	ppb
Molybdenum	96-1	2538.10	2529.30	2503.81	2523.73	0.71	ppb
Molybdenum	97-1	2535.67	2521.21	2499.62	2518.83	0.72	ppb
Molybdenum	98-1	2522.46	2506.86	2482.44	2503.92	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	473.59	469.82	471.44	471.61	0.40	ppb
Phosphorus	31-2	9617.59	9396.46	9479.69	9497.91	1.18	ppb
Potassium	39-2	121849.11	119865.86	121202.95	120972.64	0.84	ppb
Rhodium	103-1				82		%
Rhodium	103-2				83		%
Scandium	45-1				89		%
Scandium	45-2				98		%
Selenium	77-2	513.66	493.84	502.99	503.50	1.97	ppb
Selenium	78-2	496.58	490.16	491.66	492.80	0.68	ppb
Selenium	82-1	498.32	497.94	490.54	495.60	0.89	ppb
Silicon	28-1	515.48	514.84	521.71	517.34	0.73	ppb
Silver	109-1	465.07	457.06	457.34	459.82	0.99	ppb
Silver	107-1	463.59	455.76	456.62	458.66	0.94	ppb
Sodium	23-2	247854.93	246662.01	244408.15	246308.36	0.71	ppb
Strontium	86-1	504.24	505.48	498.14	502.62	0.78	ppb
Strontium	88-1	504.25	500.06	498.86	501.06	0.57	ppb
Sulfur	34-1	12371.85	12087.39	11901.00	12120.08	1.96	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	532.61	524.58	514.50	523.90	1.73	ppb
Thallium	205-1	527.54	522.61	514.19	521.45	1.29	ppb
Thorium	232-1	540.61	535.64	528.08	534.78	1.18	ppb
Tin	118-1	494.79	486.58	488.80	490.06	0.87	ppb
Titanium	47-1	2534.06	2508.84	2477.51	2506.80	1.13	ppb
Uranium	238-1	540.73	531.58	522.43	531.58	1.72	ppb
Vanadium	51-2	507.62	501.92	501.81	503.78	0.66	ppb
Yttrium	89-1				93		%
Yttrium	89-2				98		%

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	CCV091	Instrumnet Name :	P7
Client Sample ID :	CCV091	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 19:21:06	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1047.31	1039.60	1038.20	1041.70	0.47	ppb
Zirconium	90-1	506.18	504.72	499.45	503.45	0.70	ppb
Zirconium	91-1	508.78	506.99	499.13	504.97	1.02	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	CCB091	Instrumnet Name :	P7
Client Sample ID :	CCB091	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 19:25:38	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.24	1.09	0.88	1.07	16.93	ppb
Antimony	121-1	0.09	0.09	0.10	0.10	6.53	ppb
Arsenic	75-2	0.02	0.04	0.01	0.02	89.68	ppb
Barium	135-1	0.09	0.06	0.06	0.07	19.21	ppb
Barium	137-1	0.07	0.07	0.07	0.07	4.84	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	10.20	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	12.54	12.11	11.91	12.19	2.63	ppb
Boron	11-1	12.33	11.92	11.56	11.94	3.25	ppb
Cadmium	111-1	-0.01	-0.01	-0.04	-0.02		ppb
Cadmium	106-1	-0.48	-0.48	-0.86	-0.61		ppb
Cadmium	108-1	0.05	0.02	0.00	0.02	106.33	ppb
Calcium	43-1	6.99	6.22	7.32	6.84	8.26	ppb
Calcium	44-1	10.56	9.74	8.95	9.75	8.27	ppb
Chromium	52-2	0.06	0.07	0.08	0.07	12.49	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	23.59	ppb
Copper	63-2	0.16	0.15	0.16	0.16	4.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	3.10	3.06	3.02	3.06	1.23	ppb
Iron	57-2	3.23	2.84	3.57	3.21	11.40	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.05	0.06	0.06	9.33	ppb
Lead	207-1	0.07	0.06	0.06	0.06	5.50	ppb
Lead	208-1	0.06	0.06	0.06	0.06	0.82	ppb
Lithium	6-1				95		%
Magnesium	24-2	5.80	5.67	6.09	5.85	3.71	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	CCB091	Instrumnet Name :	P7
Client Sample ID :	CCB091	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 19:25:38	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.03	0.04	0.03	19.12	ppb
Molybdenum	94-1	0.32	0.25	0.22	0.26	17.75	ppb
Molybdenum	95-1	0.38	0.33	0.25	0.32	19.43	ppb
Molybdenum	96-1	0.36	0.31	0.28	0.32	12.17	ppb
Molybdenum	97-1	0.35	0.31	0.26	0.31	14.95	ppb
Molybdenum	98-1	0.37	0.32	0.26	0.32	17.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	0.01	0.02	55.60	ppb
Phosphorus	31-2	-40.26	-27.00	-40.26	-35.84		ppb
Potassium	39-2	9.17	8.20	7.56	8.31	9.75	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.02	0.26	-0.02	0.07	230.75	ppb
Selenium	82-1	0.03	0.14	-0.09	0.03	409.61	ppb
Silicon	28-1	1.29	0.62	0.30	0.74	68.70	ppb
Silver	109-1	0.12	0.12	0.10	0.11	6.23	ppb
Silver	107-1	0.11	0.11	0.10	0.11	4.74	ppb
Sodium	23-2	20.17	19.14	20.18	19.83	3.02	ppb
Strontium	86-1	0.02	0.01	0.02	0.01	42.47	ppb
Strontium	88-1	0.02	0.01	0.01	0.02	17.45	ppb
Sulfur	34-1	-733.50	-765.04	-780.85	-759.80		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.09	0.08	0.07	0.08	10.93	ppb
Thallium	205-1	0.10	0.08	0.07	0.09	13.25	ppb
Thorium	232-1	0.04	0.03	0.03	0.03	4.63	ppb
Tin	118-1	0.05	0.04	0.04	0.05	11.36	ppb
Titanium	47-1	0.06	0.08	0.05	0.06	24.15	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	11.89	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	9.53	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	CCB091	Instrumnet Name :	P7
Client Sample ID :	CCB091	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 19:25:38	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.05	0.09	0.07	0.07	29.09	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	20.24	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	20.96	ppb

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 16:51:29	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	208	117	147	35.95	cps
Antimony	121-1	192	142	142	158	18.23	cps
Arsenic	75-2	6	24	13	14	65.63	cps
Barium	135-1	50	50	33	44	21.66	cps
Barium	137-1	92	92	125	103	18.73	cps
Beryllium	9-1	113	143	147	134	13.65	cps
Bismuth	209-1	23865788	23743207	23787620	23798872	0.26	cps
Bismuth	209-2	11409507	11340256	11350313	11366692	0.33	cps
Boron	10-1	3909	3842	3951	3901	1.40	cps
Boron	11-1	17861	18103	17845	17936	0.81	cps
Cadmium	111-1	9270	8280	8451	8667	6.10	cps
Cadmium	106-1	13215	11847	12072	12378	5.93	cps
Cadmium	108-1	38	42	17	32	41.92	cps
Calcium	43-1	433	425	375	411	7.67	cps
Calcium	44-1	20284	20593	20993	20623	1.72	cps
Chromium	52-2	4221	4334	4287	4281	1.33	cps
Cobalt	59-2	160	147	177	161	9.33	cps
Copper	63-2	2614	2774	2620	2669	3.39	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	17	10	0	9	94.38	cps
Erbium	164-1	92	108	67	89	23.59	cps
Erbium	164-2	33	67	77	59	38.54	cps
Gadolinium	160-1	200	258	283	247	17.30	cps
Gadolinium	160-2	517	507	463	496	5.72	cps
Holmium	165-1	34698691	34367663	34177253	34414536	0.77	cps
Holmium	165-2	15564903	15505432	15367504	15479280	0.65	cps
Indium	115-1	26298871	25886638	26014403	26066637	0.81	cps
Indium	115-2	4404701	4420564	4406332	4410532	0.20	cps
Iron	56-2	10954	11116	11288	11119	1.50	cps
Iron	57-2	194	189	250	211	16.01	cps
Krypton	83-1	1007	1063	950	1007	5.63	cps
Lead	206-1	1928	1989	1995	1971	1.88	cps
Lead	207-1	1672	1684	1845	1734	5.56	cps
Lead	208-1	8107	7796	8096	7999	2.21	cps
Lithium	6-1	8937401	8947580	8941612	8942197	0.06	cps
Magnesium	24-2	267	233	200	233	14.29	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 16:51:29	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	93	110	60	88	29.00	cps
Molybdenum	94-1	633	642	633	636	0.76	cps
Molybdenum	95-1	175	242	200	206	16.38	cps
Molybdenum	96-1	467	375	483	442	13.21	cps
Molybdenum	97-1	125	150	75	117	32.74	cps
Molybdenum	98-1	383	300	325	336	12.72	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	197	223	150	190	19.54	cps
Phosphorus	31-2	1342	1358	1242	1314	4.80	cps
Potassium	39-2	32453	32311	32219	32328	0.36	cps
Rhodium	103-1	24314705	24238151	24325760	24292872	0.20	cps
Rhodium	103-2	10976149	10909615	10968981	10951582	0.33	cps
Scandium	45-1	17426760	17345418	17325364	17365847	0.31	cps
Scandium	45-2	674885	676060	680735	677227	0.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	100	83	109	98	13.47	cps
Selenium	82-1	53	44	181	93	82.85	cps
Silicon	28-1	595558	590897	596309	594254	0.49	cps
Silver	109-1	192	200	233	208	10.58	cps
Silver	107-1	275	325	308	303	8.41	cps
Sodium	23-2	40690	41317	41066	41024	0.77	cps
Strontium	86-1	1675	1659	1575	1636	3.27	cps
Strontium	88-1	242	375	283	300	22.74	cps
Sulfur	34-1	947857	939198	946514	944523	0.49	cps
Terbium	159-1	35482201	35177189	35127900	35262430	0.54	cps
Terbium	159-2	15503858	15332169	15351900	15395976	0.61	cps
Thallium	203-1	750	758	850	786	7.06	cps
Thallium	205-1	1950	1759	1884	1864	5.22	cps
Thorium	232-1	394	306	278	326	18.70	cps
Tin	118-1	1575	1650	1375	1533	9.27	cps
Titanium	47-1	250	183	225	219	15.35	cps
Uranium	238-1	192	158	117	156	24.16	cps
Vanadium	51-2	13	0	3	6	124.93	cps
Yttrium	89-1	25552611	25386697	25479745	25473018	0.33	cps
Yttrium	89-2	3208363	3221429	3200451	3210081	0.33	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 16:51:29	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	757	697	640	698	8.36	cps
Zirconium	90-1	1558	1767	1775	1700	7.22	cps
Zirconium	91-1	392	183	308	294	35.61	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 16:55:04	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1058	1100	1217	1125	7.30	cps
Antimony	121-1	5918	5560	5893	5790	3.46	cps
Arsenic	75-2	89	94	106	96	8.81	cps
Barium	135-1	7436	8044	8069	7850	4.57	cps
Barium	137-1	14316	14291	13691	14099	2.51	cps
Beryllium	9-1	1107	1090	1163	1120	3.43	cps
Bismuth	209-1	23154051	23384182	23275326	23271186	0.49	cps
Bismuth	209-2	11203476	11251981	11297670	11251042	0.42	cps
Boron	10-1	9528	9245	9912	9562	3.50	cps
Boron	11-1	43313	42419	42310	42681	1.29	cps
Cadmium	111-1	9852	9766	10057	9892	1.51	cps
Cadmium	106-1	12798	12715	12998	12837	1.14	cps
Cadmium	108-1	117	138	138	131	9.21	cps
Calcium	43-1	6218	6168	5935	6107	2.48	cps
Calcium	44-1	114661	114620	113890	114390	0.38	cps
Chromium	52-2	6675	7115	6355	6715	5.69	cps
Cobalt	59-2	1917	1797	1957	1890	4.41	cps
Copper	63-2	5741	5701	5531	5658	1.97	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	10	3	23	12	83.33	cps
Erbium	164-1	125	158	142	142	11.76	cps
Erbium	164-2	23	40	23	29	33.32	cps
Gadolinium	160-1	183	258	208	217	17.63	cps
Gadolinium	160-2	573	590	523	562	6.17	cps
Holmium	165-1	34324034	34774014	34237276	34445108	0.84	cps
Holmium	165-2	15364211	15354279	15341679	15353389	0.07	cps
Indium	115-1	25969749	25906758	25757194	25877900	0.42	cps
Indium	115-2	4590629	4533056	4520825	4548170	0.82	cps
Iron	56-2	64508	62678	61858	63015	2.15	cps
Iron	57-2	1700	1383	1489	1524	10.58	cps
Krypton	83-1	1060	987	1163	1070	8.30	cps
Lead	206-1	4929	5212	5029	5057	2.84	cps
Lead	207-1	4484	4206	4267	4319	3.38	cps
Lead	208-1	20279	20246	19601	20042	1.91	cps
Lithium	6-1	8672822	8751565	8721146	8715178	0.46	cps
Magnesium	24-2	45018	45554	45086	45219	0.64	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 16:55:04	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	863	837	840	847	1.72	cps
Molybdenum	94-1	7094	6819	6960	6958	1.98	cps
Molybdenum	95-1	8194	8128	8370	8231	1.52	cps
Molybdenum	96-1	9612	9303	9337	9417	1.80	cps
Molybdenum	97-1	5310	5301	5051	5221	2.81	cps
Molybdenum	98-1	13006	12915	13507	13143	2.42	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1000	963	907	957	4.92	cps
Phosphorus	31-2	1367	1333	1542	1414	7.91	cps
Potassium	39-2	69137	68559	69162	68953	0.49	cps
Rhodium	103-1	24023391	24117385	24166132	24102303	0.30	cps
Rhodium	103-2	10697519	10687004	10700829	10695117	0.07	cps
Scandium	45-1	16805284	16915042	16937396	16885907	0.42	cps
Scandium	45-2	694371	692760	692071	693067	0.17	cps
Selenium	77-2	13	37	7	19	83.40	cps
Selenium	78-2	143	154	185	160	13.77	cps
Selenium	82-1	635	545	380	520	24.89	cps
Silicon	28-1	615839	615383	612445	614556	0.30	cps
Silver	109-1	5785	5868	5735	5796	1.16	cps
Silver	107-1	5910	5868	6085	5954	1.93	cps
Sodium	23-2	124135	125447	122372	123985	1.24	cps
Strontium	86-1	2984	2625	2409	2673	10.87	cps
Strontium	88-1	9795	9737	9011	9515	4.59	cps
Sulfur	34-1	969571	975911	969752	971745	0.37	cps
Terbium	159-1	34891744	34931000	34744264	34855669	0.28	cps
Terbium	159-2	14994420	15125256	15054054	15057910	0.44	cps
Thallium	203-1	4701	4634	4476	4604	2.51	cps
Thallium	205-1	10330	10146	10980	10485	4.18	cps
Thorium	232-1	12034	11806	12056	11965	1.16	cps
Tin	118-1	16243	15960	15818	16007	1.35	cps
Titanium	47-1	2742	2792	2825	2787	1.51	cps
Uranium	238-1	11931	12298	12181	12137	1.54	cps
Vanadium	51-2	4227	4064	3954	4082	3.37	cps
Yttrium	89-1	25467198	25504290	25261341	25410943	0.52	cps
Yttrium	89-2	3303939	3289625	3262359	3285307	0.64	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 16:55:04	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1753	1577	1727	1686	5.65	cps
Zirconium	90-1	6652	6710	6777	6713	0.93	cps
Zirconium	91-1	1417	1325	1267	1336	5.66	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 16:59:56	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8061	8319	7711	8030	3.80	cps
Antimony	121-1	55260	55176	54440	54959	0.82	cps
Arsenic	75-2	1056	1202	1015	1091	9.02	cps
Barium	135-1	77190	76603	77307	77033	0.49	cps
Barium	137-1	135211	136844	137104	136386	0.75	cps
Beryllium	9-1	10220	10597	10744	10520	2.57	cps
Bismuth	209-1	23854696	23668680	23621145	23714840	0.52	cps
Bismuth	209-2	11152203	10977340	11165170	11098238	0.95	cps
Boron	10-1	58205	59753	58815	58924	1.32	cps
Boron	11-1	267553	266415	269884	267951	0.66	cps
Cadmium	111-1	19492	18281	19182	18985	3.31	cps
Cadmium	106-1	14658	13098	14483	14080	6.07	cps
Cadmium	108-1	717	808	775	767	6.05	cps
Calcium	43-1	54476	56442	55564	55494	1.77	cps
Calcium	44-1	911048	902717	908384	907383	0.47	cps
Chromium	52-2	24073	23743	23973	23930	0.71	cps
Cobalt	59-2	17414	17434	17421	17423	0.06	cps
Copper	63-2	28491	27790	27914	28065	1.33	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	3	7	17	9	78.08	cps
Erbium	164-1	117	133	175	142	21.21	cps
Erbium	164-2	57	20	57	44	47.63	cps
Gadolinium	160-1	300	275	183	253	24.30	cps
Gadolinium	160-2	620	500	563	561	10.70	cps
Holmium	165-1	35278061	35152176	34928465	35119567	0.50	cps
Holmium	165-2	15237612	15030213	15169895	15145907	0.70	cps
Indium	115-1	26622605	26411684	26150846	26395045	0.90	cps
Indium	115-2	4442970	4401713	4438366	4427683	0.51	cps
Iron	56-2	502186	500852	499792	500943	0.24	cps
Iron	57-2	12439	12116	12022	12192	1.79	cps
Krypton	83-1	930	1007	1040	992	5.69	cps
Lead	206-1	30831	31978	31176	31328	1.88	cps
Lead	207-1	26594	26611	26160	26455	0.97	cps
Lead	208-1	121447	124386	122261	122698	1.24	cps
Lithium	6-1	8946312	8846383	8808223	8866973	0.80	cps
Magnesium	24-2	449603	452641	447854	450033	0.54	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 16:59:56	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6442	6168	6698	6436	4.12	cps
Molybdenum	94-1	66095	66548	65442	66028	0.84	cps
Molybdenum	95-1	81500	82010	81139	81550	0.54	cps
Molybdenum	96-1	90838	90562	90612	90671	0.16	cps
Molybdenum	97-1	50206	50198	50758	50387	0.64	cps
Molybdenum	98-1	127887	130181	130846	129638	1.20	cps
Neodymium	150-1	13	20	40	24	56.78	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	5371	5434	5298	5368	1.27	cps
Phosphorus	31-2	2092	2225	2517	2278	9.54	cps
Potassium	39-2	384530	384115	383277	383974	0.17	cps
Rhodium	103-1	24608890	24535522	24328335	24490915	0.59	cps
Rhodium	103-2	10716593	10503248	10613809	10611216	1.01	cps
Scandium	45-1	17436957	17199857	17207463	17281426	0.78	cps
Scandium	45-2	678307	672088	679846	676747	0.61	cps
Selenium	77-2	223	177	150	183	20.25	cps
Selenium	78-2	728	676	706	703	3.70	cps
Selenium	82-1	4634	4589	4492	4572	1.59	cps
Silicon	28-1	840336	834227	834174	836246	0.42	cps
Silver	109-1	53310	53661	54331	53767	0.97	cps
Silver	107-1	57041	55184	55577	55934	1.75	cps
Sodium	23-2	853743	847366	859214	853441	0.69	cps
Strontium	86-1	12239	11872	11897	12003	1.71	cps
Strontium	88-1	93941	92178	91801	92640	1.23	cps
Sulfur	34-1	980642	970408	975763	975604	0.52	cps
Terbium	159-1	35921125	35539050	35299064	35586413	0.88	cps
Terbium	159-2	14978969	14828480	14946176	14917875	0.53	cps
Thallium	203-1	36844	36317	37596	36919	1.74	cps
Thallium	205-1	90197	87882	86934	88338	1.90	cps
Thorium	232-1	115908	114928	115029	115288	0.47	cps
Tin	118-1	145116	145035	144409	144854	0.27	cps
Titanium	47-1	25665	25982	25640	25762	0.74	cps
Uranium	238-1	118315	118969	118914	118732	0.31	cps
Vanadium	51-2	39577	39326	39022	39308	0.71	cps
Yttrium	89-1	26114162	25900611	25556081	25856952	1.09	cps
Yttrium	89-2	3236000	3180205	3217069	3211091	0.88	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 16:59:56	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5058	5074	4691	4941	4.39	cps
Zirconium	90-1	54722	54722	52539	53994	2.33	cps
Zirconium	91-1	12097	12189	12439	12242	1.45	cps

LB Number : LB100757 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P7
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-08 17:03:51 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	403778	396045	398590	399471	0.99	cps
Antimony	121-1	1476830	1462221	1457359	1465470	0.69	cps
Arsenic	75-2	52749	52438	52543	52577	0.30	cps
Barium	135-1	1991106	1981564	1969715	1980795	0.54	cps
Barium	137-1	3510525	3492887	3444061	3482491	0.99	cps
Beryllium	9-1	521931	512490	515325	516582	0.94	cps
Bismuth	209-1	22639107	22165918	22413813	22406279	1.06	cps
Bismuth	209-2	10958481	10839218	10751026	10849575	0.96	cps
Boron	10-1	115892	115422	117874	116396	1.12	cps
Boron	11-1	536999	538528	541306	538944	0.41	cps
Cadmium	111-1	531626	524708	527713	528016	0.66	cps
Cadmium	106-1	70083	70509	70266	70286	0.30	cps
Cadmium	108-1	40011	40746	40395	40384	0.91	cps
Calcium	43-1	575724	571893	570190	572602	0.50	cps
Calcium	44-1	9089369	8963440	8988454	9013754	0.74	cps
Chromium	52-2	511271	510102	509079	510151	0.21	cps
Cobalt	59-2	885939	895003	887400	889447	0.55	cps
Copper	63-2	1306925	1294969	1304468	1302120	0.48	cps
Dysprosium	156-1	67	42	75	61	28.38	cps
Dysprosium	156-2	37	47	27	37	27.27	cps
Erbium	164-1	125	83	167	125	33.33	cps
Erbium	164-2	67	63	47	59	18.19	cps
Gadolinium	160-1	225	233	283	247	12.76	cps
Gadolinium	160-2	523	497	543	521	4.49	cps
Holmium	165-1	33873704	33067959	33732740	33558134	1.28	cps
Holmium	165-2	15116969	15075786	14792798	14995184	1.18	cps
Indium	115-1	24818979	24527746	24631517	24659414	0.60	cps
Indium	115-2	4371278	4318852	4285328	4325153	1.00	cps
Iron	56-2	22763746	22595089	22510754	22623196	0.57	cps
Iron	57-2	573359	569151	569760	570757	0.40	cps
Krypton	83-1	973	933	1087	998	7.97	cps
Lead	206-1	1555181	1549705	1540983	1548623	0.46	cps
Lead	207-1	1382148	1377013	1372171	1377111	0.36	cps
Lead	208-1	6239093	6236736	6226669	6234166	0.11	cps
Lithium	6-1	8435740	8323562	8366551	8375285	0.68	cps
Magnesium	24-2	4522315	4541585	4441954	4501952	1.17	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 17:03:51	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	637737	632275	638759	636257	0.55	cps
Molybdenum	94-1	3383626	3393686	3367641	3381651	0.39	cps
Molybdenum	95-1	4268709	4250419	4222450	4247193	0.55	cps
Molybdenum	96-1	4752503	4720138	4722642	4731761	0.38	cps
Molybdenum	97-1	2642035	2653112	2657907	2651018	0.31	cps
Molybdenum	98-1	6761126	6798054	6772424	6777201	0.28	cps
Neodymium	150-1	227	147	220	198	22.45	cps
Neodymium	150-2	23	13	10	16	44.60	cps
Nickel	60-2	239449	239409	241710	240189	0.55	cps
Phosphorus	31-2	23327	24003	24454	23928	2.37	cps
Potassium	39-2	1875404	1851414	1851315	1859378	0.75	cps
Rhodium	103-1	23195465	22792025	22781300	22922930	1.03	cps
Rhodium	103-2	10294872	10235845	10059568	10196762	1.20	cps
Scandium	45-1	16412357	15991742	16057578	16153892	1.40	cps
Scandium	45-2	663207	661142	646265	656871	1.41	cps
Selenium	77-2	1643	1610	1753	1669	4.49	cps
Selenium	78-2	5923	5899	5812	5878	0.99	cps
Selenium	82-1	42546	42032	41468	42016	1.28	cps
Silicon	28-1	1981717	1980615	1973776	1978703	0.22	cps
Silver	109-1	2425878	2427936	2404459	2419424	0.54	cps
Silver	107-1	2527594	2520742	2495925	2514754	0.66	cps
Sodium	23-2	8358192	8334040	8208331	8300188	0.97	cps
Strontium	86-1	620829	614983	629927	621913	1.21	cps
Strontium	88-1	5520566	5521298	5487312	5509725	0.35	cps
Sulfur	34-1	1150743	1125425	1112012	1129393	1.74	cps
Terbium	159-1	34304910	33810850	34352922	34156227	0.88	cps
Terbium	159-2	14854189	14749381	14603076	14735549	0.86	cps
Thallium	203-1	1977300	1961643	1954317	1964420	0.60	cps
Thallium	205-1	4706259	4715310	4732476	4718015	0.28	cps
Thorium	232-1	6336758	6265220	6301203	6301060	0.57	cps
Tin	118-1	1431332	1443429	1426440	1433734	0.61	cps
Titanium	47-1	1277105	1259522	1256249	1264292	0.89	cps
Uranium	238-1	6353456	6263771	6292719	6303315	0.73	cps
Vanadium	51-2	388006	385924	388544	387491	0.36	cps
Yttrium	89-1	24590341	24029641	24297175	24305719	1.15	cps
Yttrium	89-2	3164692	3151010	3093800	3136501	1.20	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 17:03:51	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	199375	197443	200185	199001	0.71	cps
Zirconium	90-1	2611419	2605077	2598316	2604937	0.25	cps
Zirconium	91-1	585282	580370	584487	583380	0.45	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 17:07:59	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	980976	972790	968544	974103	0.65	cps
Antimony	121-1	3624836	3650201	3667270	3647436	0.59	cps
Arsenic	75-2	130002	131110	129722	130278	0.56	cps
Barium	135-1	4935111	5013321	5039394	4995942	1.09	cps
Barium	137-1	8572178	8605390	8589665	8589077	0.19	cps
Beryllium	9-1	1249123	1249670	1256390	1251728	0.32	cps
Bismuth	209-1	22410604	22102833	22207798	22240412	0.70	cps
Bismuth	209-2	10649347	10630774	10704108	10661409	0.36	cps
Boron	10-1	273067	277445	281941	277484	1.60	cps
Boron	11-1	1265598	1264360	1286570	1272176	0.98	cps
Cadmium	111-1	1261724	1276816	1291296	1276612	1.16	cps
Cadmium	106-1	154081	152489	153675	153415	0.54	cps
Cadmium	108-1	98096	99320	99957	99124	0.95	cps
Calcium	43-1	1391636	1414321	1429131	1411696	1.34	cps
Calcium	44-1	22346783	22359923	22395926	22367544	0.11	cps
Chromium	52-2	1241605	1256377	1233599	1243860	0.93	cps
Cobalt	59-2	2174016	2174285	2157344	2168548	0.45	cps
Copper	63-2	3172186	3180683	3164580	3172483	0.25	cps
Dysprosium	156-1	92	92	92	92	0.00	cps
Dysprosium	156-2	93	73	67	78	17.85	cps
Erbium	164-1	125	133	50	103	44.66	cps
Erbium	164-2	43	37	50	43	15.38	cps
Gadolinium	160-1	250	267	283	267	6.25	cps
Gadolinium	160-2	453	520	397	457	13.52	cps
Holmium	165-1	33870500	33388512	34012583	33757198	0.97	cps
Holmium	165-2	15033767	15049774	15023949	15035830	0.09	cps
Indium	115-1	24862348	24253347	24607969	24574555	1.24	cps
Indium	115-2	4280195	4329780	4297437	4302470	0.59	cps
Iron	56-2	55414594	55376901	55122951	55304816	0.29	cps
Iron	57-2	1401381	1392581	1390493	1394818	0.41	cps
Krypton	83-1	1033	1063	933	1010	6.74	cps
Lead	206-1	3782996	3840675	3862162	3828611	1.07	cps
Lead	207-1	3410922	3430872	3439027	3426940	0.42	cps
Lead	208-1	15349369	15364900	15343823	15352697	0.07	cps
Lithium	6-1	8250370	8116721	8147821	8171637	0.86	cps
Magnesium	24-2	11041702	11007729	10965436	11004956	0.35	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 17:07:59	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1552310	1560395	1558706	1557137	0.27	cps
Molybdenum	94-1	8320449	8299553	8332532	8317511	0.20	cps
Molybdenum	95-1	10484011	10468592	10472261	10474955	0.08	cps
Molybdenum	96-1	11639501	11616522	11629301	11628441	0.10	cps
Molybdenum	97-1	6550263	6491024	6507954	6516414	0.47	cps
Molybdenum	98-1	16879720	16893518	17001307	16924848	0.39	cps
Neodymium	150-1	473	467	520	487	5.97	cps
Neodymium	150-2	53	50	40	48	14.52	cps
Nickel	60-2	583877	587266	583652	584932	0.35	cps
Phosphorus	31-2	58725	57754	56834	57771	1.64	cps
Potassium	39-2	4567954	4519357	4548791	4545367	0.54	cps
Rhodium	103-1	22686502	22333102	22662165	22560589	0.87	cps
Rhodium	103-2	10100301	10098895	10054738	10084645	0.26	cps
Scandium	45-1	16127092	15926013	15973753	16008953	0.66	cps
Scandium	45-2	653906	653952	655710	654523	0.16	cps
Selenium	77-2	4117	4177	4264	4186	1.76	cps
Selenium	78-2	14024	14138	13985	14049	0.57	cps
Selenium	82-1	102441	103788	103315	103181	0.66	cps
Silicon	28-1	3872953	3932277	3940385	3915205	0.94	cps
Silver	109-1	5774162	5913099	5927497	5871586	1.44	cps
Silver	107-1	6078432	6058755	6126422	6087870	0.57	cps
Sodium	23-2	20342265	20476753	20282792	20367270	0.49	cps
Strontium	86-1	1539359	1532646	1558592	1543532	0.87	cps
Strontium	88-1	13426326	13392050	13513327	13443901	0.47	cps
Sulfur	34-1	1396212	1386047	1367517	1383259	1.05	cps
Terbium	159-1	34455016	33907711	33874186	34078971	0.96	cps
Terbium	159-2	14888655	14792663	14781891	14821070	0.40	cps
Thallium	203-1	4840063	4933699	5007226	4926996	1.70	cps
Thallium	205-1	11520037	11655485	11662088	11612537	0.69	cps
Thorium	232-1	15951201	16053055	16024224	16009493	0.33	cps
Tin	118-1	3576872	3572770	3572308	3573984	0.07	cps
Titanium	47-1	3132035	3125721	3132187	3129981	0.12	cps
Uranium	238-1	15810104	15854955	15987846	15884302	0.58	cps
Vanadium	51-2	957062	964348	955777	959062	0.48	cps
Yttrium	89-1	24445067	24118739	24397629	24320478	0.72	cps
Yttrium	89-2	3136487	3138761	3106356	3127201	0.58	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 17:07:59	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	479489	484058	485030	482859	0.61	cps
Zirconium	90-1	6464476	6437305	6462615	6454799	0.24	cps
Zirconium	91-1	1437982	1438147	1447460	1441196	0.38	cps

LB Number : LB100757 Operator : Jaswal
 Lab Sample ID : S05 Instrumnet Name : P7
 Client Sample ID : S05 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-08 17:11:45 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1898962	1895869	1908633	1901155	0.35	cps
Antimony	121-1	7043727	7025714	7021766	7030403	0.17	cps
Arsenic	75-2	254044	255964	257352	255787	0.65	cps
Barium	135-1	9504270	9564462	9507491	9525408	0.36	cps
Barium	137-1	16836087	16666808	16737649	16746848	0.51	cps
Beryllium	9-1	2407220	2397876	2394071	2399723	0.28	cps
Bismuth	209-1	22261969	22229627	22139748	22210448	0.29	cps
Bismuth	209-2	10815322	10690729	10701366	10735806	0.64	cps
Boron	10-1	529838	529957	541019	533605	1.20	cps
Boron	11-1	2426583	2443752	2451586	2440640	0.52	cps
Cadmium	111-1	2432277	2456424	2468615	2452439	0.75	cps
Cadmium	106-1	281024	282415	287020	283487	1.11	cps
Cadmium	108-1	188126	187759	189320	188402	0.43	cps
Calcium	43-1	2732374	2758129	2752612	2747705	0.49	cps
Calcium	44-1	43631746	43447581	43742149	43607159	0.34	cps
Chromium	52-2	2435996	2401316	2434202	2423838	0.81	cps
Cobalt	59-2	4222057	4217845	4231561	4223821	0.17	cps
Copper	63-2	6036763	6062219	6065321	6054768	0.26	cps
Dysprosium	156-1	192	183	125	167	21.79	cps
Dysprosium	156-2	160	160	120	147	15.75	cps
Erbium	164-1	100	75	125	100	25.00	cps
Erbium	164-2	33	50	30	38	28.37	cps
Gadolinium	160-1	292	275	258	275	6.06	cps
Gadolinium	160-2	533	517	480	510	5.35	cps
Holmium	165-1	34370236	34352279	34234258	34318924	0.22	cps
Holmium	165-2	15535231	15355362	15323082	15404558	0.74	cps
Indium	115-1	24519032	24755099	24519808	24597980	0.55	cps
Indium	115-2	4377077	4341100	4345732	4354637	0.45	cps
Iron	56-2	107750072	107081736	107538452	107456753	0.32	cps
Iron	57-2	2731858	2694610	2707520	2711329	0.70	cps
Krypton	83-1	973	990	960	974	1.54	cps
Lead	206-1	7370223	7321899	7357829	7349984	0.34	cps
Lead	207-1	6528111	6544576	6547382	6540023	0.16	cps
Lead	208-1	29581338	29652274	29636481	29623364	0.13	cps
Lithium	6-1	8202169	8135017	8158115	8165100	0.42	cps
Magnesium	24-2	21566325	21354870	21439896	21453697	0.50	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 17:11:45	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3034207	3030944	3052552	3039234	0.38	cps
Molybdenum	94-1	16165069	16138110	16194361	16165847	0.17	cps
Molybdenum	95-1	20540545	20495189	20533678	20523137	0.12	cps
Molybdenum	96-1	22813893	22825691	22718773	22786119	0.26	cps
Molybdenum	97-1	12733365	12714283	12770654	12739434	0.23	cps
Molybdenum	98-1	33235619	33041069	33167378	33148022	0.30	cps
Neodymium	150-1	907	1013	740	887	15.54	cps
Neodymium	150-2	60	63	73	66	10.58	cps
Nickel	60-2	1123068	1130484	1136384	1129979	0.59	cps
Phosphorus	31-2	111146	109047	111532	110575	1.21	cps
Potassium	39-2	8763263	8741208	8814261	8772911	0.43	cps
Rhodium	103-1	22481050	22554324	22472294	22502556	0.20	cps
Rhodium	103-2	10303924	10103224	10117294	10174814	1.10	cps
Scandium	45-1	16178470	16167484	16341381	16229112	0.60	cps
Scandium	45-2	673076	667629	673310	671338	0.48	cps
Selenium	77-2	8209	8176	8129	8171	0.49	cps
Selenium	78-2	27543	27613	27591	27582	0.13	cps
Selenium	82-1	198174	200072	200469	199571	0.61	cps
Silicon	28-1	5973312	6087585	6049667	6036855	0.96	cps
Silver	109-1	11196148	11162033	11221342	11193174	0.27	cps
Silver	107-1	11679271	11655020	11738497	11690929	0.37	cps
Sodium	23-2	39801257	39766942	39610157	39726119	0.26	cps
Strontium	86-1	2970896	2984792	3024159	2993282	0.92	cps
Strontium	88-1	26111474	26268671	26549349	26309831	0.84	cps
Sulfur	34-1	1824524	1844040	1826425	1831663	0.59	cps
Terbium	159-1	34485726	34956294	34895315	34779112	0.74	cps
Terbium	159-2	15314156	15085646	15049711	15149838	0.95	cps
Thallium	203-1	9410045	9365676	9385072	9386931	0.24	cps
Thallium	205-1	22645165	22580974	22870657	22698932	0.67	cps
Thorium	232-1	31554616	31243703	31477947	31425422	0.52	cps
Tin	118-1	6916885	6908294	6865764	6896981	0.40	cps
Titanium	47-1	6070554	5973582	6065538	6036558	0.90	cps
Uranium	238-1	31197501	30808831	31037910	31014747	0.63	cps
Vanadium	51-2	1884185	1869142	1890279	1881202	0.58	cps
Yttrium	89-1	24377970	24514511	24618520	24503667	0.49	cps
Yttrium	89-2	3229264	3182905	3182632	3198267	0.84	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 17:11:45	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	927405	926092	932982	928826	0.39	cps
Zirconium	90-1	12649736	12564979	12626399	12613705	0.35	cps
Zirconium	91-1	2815231	2808455	2805317	2809668	0.18	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 17:15:30	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3726388	3739256	3744068	3736570	0.24	cps
Antimony	121-1	13666170	13874735	13723539	13754815	0.78	cps
Arsenic	75-2	488536	491112	496088	491912	0.78	cps
Barium	135-1	18744744	18902860	18872421	18840008	0.45	cps
Barium	137-1	33039525	33280840	33089272	33136546	0.38	cps
Beryllium	9-1	4532835	4505980	4554338	4531051	0.53	cps
Bismuth	209-1	21030196	20701716	20504288	20745400	1.28	cps
Bismuth	209-2	10028988	9935321	10042445	10002251	0.58	cps
Boron	10-1	1015694	1036613	1066548	1039618	2.46	cps
Boron	11-1	4693759	4831953	4943496	4823069	2.59	cps
Cadmium	111-1	4653188	4706814	4731021	4697008	0.85	cps
Cadmium	106-1	524496	532710	540840	532682	1.53	cps
Cadmium	108-1	357558	362940	366228	362242	1.21	cps
Calcium	43-1	5319333	5309703	5287080	5305372	0.31	cps
Calcium	44-1	85308681	85199637	85085108	85197809	0.13	cps
Chromium	52-2	4721582	4778013	4778065	4759220	0.68	cps
Cobalt	59-2	8103294	8146154	8149091	8132846	0.32	cps
Copper	63-2	11509896	11564111	11627075	11567027	0.51	cps
Dysprosium	156-1	250	250	217	239	8.05	cps
Dysprosium	156-2	250	267	253	257	3.43	cps
Erbium	164-1	175	125	108	136	25.49	cps
Erbium	164-2	63	50	63	59	13.07	cps
Gadolinium	160-1	250	308	225	261	16.38	cps
Gadolinium	160-2	497	590	507	531	9.65	cps
Holmium	165-1	33721883	33250628	32938723	33303744	1.18	cps
Holmium	165-2	14917466	14897476	15033337	14949426	0.49	cps
Indium	115-1	23620060	23489317	23005405	23371594	1.39	cps
Indium	115-2	4077260	4119941	4188103	4128435	1.35	cps
Iron	56-2	207688832	209305516	209849421	208947923	0.54	cps
Iron	57-2	5296434	5338481	5335870	5323595	0.44	cps
Krypton	83-1	900	1010	987	966	6.00	cps
Lead	206-1	14302509	14260529	14248532	14270523	0.20	cps
Lead	207-1	12612816	12626350	12681100	12640088	0.29	cps
Lead	208-1	57007344	57101787	57404702	57171278	0.36	cps
Lithium	6-1	7903099	7715056	7744740	7787632	1.30	cps
Magnesium	24-2	41916572	41863366	41700772	41826903	0.27	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 17:15:30	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5789279	5835295	5860820	5828464	0.62	cps
Molybdenum	94-1	31811514	32012322	31952409	31925415	0.32	cps
Molybdenum	95-1	39896005	40487680	40303208	40228964	0.75	cps
Molybdenum	96-1	44701718	45215509	44918702	44945310	0.57	cps
Molybdenum	97-1	24984710	25396278	25145302	25175430	0.82	cps
Molybdenum	98-1	64847041	65142616	65881368	65290342	0.82	cps
Neodymium	150-1	1707	1714	1547	1656	5.70	cps
Neodymium	150-2	167	123	143	144	15.01	cps
Nickel	60-2	2151013	2174331	2159917	2161754	0.54	cps
Phosphorus	31-2	215926	215162	215232	215440	0.20	cps
Potassium	39-2	17264529	17235013	17356542	17285361	0.37	cps
Rhodium	103-1	21386142	21347568	21051563	21261758	0.86	cps
Rhodium	103-2	9642120	9566965	9677211	9628765	0.58	cps
Scandium	45-1	15750428	15564664	15240228	15518440	1.66	cps
Scandium	45-2	641010	644160	651618	645596	0.84	cps
Selenium	77-2	15035	15652	15288	15325	2.03	cps
Selenium	78-2	51482	52134	52478	52031	0.97	cps
Selenium	82-1	374025	379341	379583	377650	0.83	cps
Silicon	28-1	11521379	11755457	11814578	11697138	1.33	cps
Silver	109-1	21307262	21698181	21627452	21544298	0.97	cps
Silver	107-1	22332506	22575004	22642379	22516629	0.72	cps
Sodium	23-2	78415691	77455552	77962827	77944690	0.62	cps
Strontium	86-1	5826218	5887628	5884076	5865974	0.59	cps
Strontium	88-1	51577888	51953086	51791308	51774094	0.36	cps
Sulfur	34-1	2815062	2809925	2838443	2821143	0.54	cps
Terbium	159-1	34028309	33538988	32916595	33494630	1.66	cps
Terbium	159-2	14605876	14493973	14682086	14593978	0.65	cps
Thallium	203-1	18250116	18307963	18241997	18266692	0.20	cps
Thallium	205-1	44219103	44174724	44212677	44202168	0.05	cps
Thorium	232-1	62016547	62178446	62289632	62161542	0.22	cps
Tin	118-1	13367511	13562099	13462322	13463978	0.72	cps
Titanium	47-1	11730522	11863254	11801528	11798435	0.56	cps
Uranium	238-1	61604937	61370389	61876870	61617399	0.41	cps
Vanadium	51-2	3701028	3720050	3702758	3707946	0.28	cps
Yttrium	89-1	24018211	23699441	23382016	23699890	1.34	cps
Yttrium	89-2	3076403	3075573	3105945	3085974	0.56	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 17:15:30	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1740400	1757045	1771614	1756353	0.89	cps
Zirconium	90-1	24703401	24953618	25169688	24942236	0.94	cps
Zirconium	91-1	5481697	5538157	5596400	5538752	1.04	cps

LB Number : LB100757 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P7
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-08 17:19:16 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7403325	7431051	7372354	7402243	0.40	cps
Antimony	121-1	26764065	26887933	26883540	26845179	0.26	cps
Arsenic	75-2	949218	960777	961175	957057	0.71	cps
Barium	135-1	37503475	37446286	37318802	37422854	0.25	cps
Barium	137-1	65216826	65665568	65314581	65398992	0.36	cps
Beryllium	9-1	8688626	8663397	8631684	8661236	0.33	cps
Bismuth	209-1	20193534	20102851	20201054	20165813	0.27	cps
Bismuth	209-2	9529365	9600595	9620903	9583621	0.50	cps
Boron	10-1	1968250	2010985	2049424	2009553	2.02	cps
Boron	11-1	9186404	9358562	9524596	9356520	1.81	cps
Cadmium	111-1	8955431	8920668	8945895	8940665	0.20	cps
Cadmium	106-1	1025529	1023419	1028145	1025698	0.23	cps
Cadmium	108-1	697561	695214	703472	698749	0.61	cps
Calcium	43-1	10469469	10461733	10477914	10469705	0.08	cps
Calcium	44-1	169382041	169191412	169026383	169199945	0.11	cps
Chromium	52-2	9483957	9431944	9407248	9441050	0.41	cps
Cobalt	59-2	15998828	15938449	15921131	15952802	0.26	cps
Copper	63-2	22340493	22541828	22497511	22459944	0.47	cps
Dysprosium	156-1	692	867	742	767	11.76	cps
Dysprosium	156-2	550	587	497	544	8.31	cps
Erbium	164-1	192	125	117	144	28.46	cps
Erbium	164-2	70	67	57	64	10.76	cps
Gadolinium	160-1	300	292	350	314	10.05	cps
Gadolinium	160-2	503	530	427	487	11.02	cps
Holmium	165-1	33604114	33535877	33610887	33583626	0.12	cps
Holmium	165-2	14722523	14890562	14925638	14846241	0.73	cps
Indium	115-1	23123963	22868929	23070771	23021221	0.58	cps
Indium	115-2	3938962	3970643	3994964	3968190	0.71	cps
Iron	56-2	413649854	416023832	413567787	414413824	0.34	cps
Iron	57-2	10383706	10355636	10368462	10369268	0.14	cps
Krypton	83-1	1147	1147	1003	1099	7.53	cps
Lead	206-1	27717368	27457234	27750119	27641574	0.58	cps
Lead	207-1	24857282	24475923	24479247	24604151	0.89	cps
Lead	208-1	112138894	110675114	110934784	111249597	0.70	cps
Lithium	6-1	7676703	7678632	7664631	7673322	0.10	cps
Magnesium	24-2	83470489	83811735	83663162	83648462	0.20	cps

LB Number : LB100757 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P7
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-08 17:19:16 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	11545066	11550997	11593599	11563221	0.23	cps
Molybdenum	94-1	63388516	63860274	64025791	63758194	0.52	cps
Molybdenum	95-1	80596098	80668552	80857885	80707512	0.17	cps
Molybdenum	96-1	89856702	89713179	89789592	89786491	0.08	cps
Molybdenum	97-1	50232277	50118514	50069521	50140104	0.17	cps
Molybdenum	98-1	130976240	130793582	130484486	130751436	0.19	cps
Neodymium	150-1	3407	3761	3701	3623	5.22	cps
Neodymium	150-2	233	250	187	223	14.70	cps
Nickel	60-2	4139117	4169551	4159000	4155889	0.37	cps
Phosphorus	31-2	426135	420078	424416	423543	0.74	cps
Potassium	39-2	34647633	34549834	34742095	34646521	0.28	cps
Rhodium	103-1	21014055	21007490	20908240	20976595	0.28	cps
Rhodium	103-2	9285366	9352158	9379881	9339135	0.52	cps
Scandium	45-1	15793668	15814103	15899632	15835801	0.35	cps
Scandium	45-2	651178	657234	659498	655970	0.66	cps
Selenium	77-2	29560	30058	29457	29692	1.08	cps
Selenium	78-2	99570	100176	99760	99835	0.31	cps
Selenium	82-1	722631	720135	721972	721579	0.18	cps
Silicon	28-1	20142832	20163631	20283897	20196787	0.38	cps
Silver	109-1	41216344	40880892	41315745	41137660	0.55	cps
Silver	107-1	43117353	43129202	43293629	43180061	0.23	cps
Sodium	23-2	156228508	155968353	156074749	156090537	0.08	cps
Strontium	86-1	11696598	11647674	11637290	11660521	0.27	cps
Strontium	88-1	102554629	103273200	102780709	102869513	0.36	cps
Sulfur	34-1	3901216	3891585	3903753	3898851	0.16	cps
Terbium	159-1	34057024	34303326	34055950	34138767	0.42	cps
Terbium	159-2	14434121	14551662	14618399	14534727	0.64	cps
Thallium	203-1	35454079	35328155	35499937	35427390	0.25	cps
Thallium	205-1	85709423	85443287	86115808	85756173	0.39	cps
Thorium	232-1	122870889	123351467	123479092	123233816	0.26	cps
Tin	118-1	26600215	26387922	26514772	26500970	0.40	cps
Titanium	47-1	23668313	23703829	23753169	23708437	0.18	cps
Uranium	238-1	120923761	120636809	121515953	121025508	0.37	cps
Vanadium	51-2	7360472	7355630	7324654	7346919	0.26	cps
Yttrium	89-1	23923021	24000279	23963086	23962129	0.16	cps
Yttrium	89-2	3025036	3071295	3108442	3068258	1.36	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 17:19:16	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3273908	3308076	3302469	3294818	0.56	cps
Zirconium	90-1	49814698	49968599	50068358	49950552	0.26	cps
Zirconium	91-1	11064683	11063640	11148953	11092425	0.44	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 17:23:07	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35915061	35943800	36255115	36037992	0.52	cps
Antimony	121-1	25115	24798	25291	25068	1.00	cps
Arsenic	75-2	1120	1235	1169	1175	4.91	cps
Barium	135-1	4393	4334	4226	4318	1.96	cps
Barium	137-1	7928	7586	7277	7597	4.28	cps
Beryllium	9-1	793	843	1007	881	12.66	cps
Bismuth	209-1	15992928	15515462	15506834	15671741	1.78	cps
Bismuth	209-2	7743117	7725414	7737811	7735447	0.12	cps
Boron	10-1	60422	56623	50585	55877	8.88	cps
Boron	11-1	284381	263698	240128	262736	8.43	cps
Cadmium	111-1	8894	8546	8977	8806	2.59	cps
Cadmium	106-1	11764	11288	11847	11633	2.59	cps
Cadmium	108-1	100	163	113	125	26.46	cps
Calcium	43-1	48947323	49209108	49230620	49129017	0.32	cps
Calcium	44-1	794549584	806506651	799598785	800218340	0.75	cps
Chromium	52-2	59711	59604	59938	59751	0.29	cps
Cobalt	59-2	168890	167076	168347	168104	0.55	cps
Copper	63-2	22922	22992	23312	23075	0.90	cps
Dysprosium	156-1	233	375	342	317	23.39	cps
Dysprosium	156-2	123	140	113	126	10.73	cps
Erbium	164-1	233	158	133	175	29.74	cps
Erbium	164-2	60	83	93	79	21.69	cps
Gadolinium	160-1	342	475	433	417	16.37	cps
Gadolinium	160-2	557	673	597	609	9.74	cps
Holmium	165-1	31342883	30065102	30223658	30543881	2.28	cps
Holmium	165-2	13716809	13721531	13758880	13732407	0.17	cps
Indium	115-1	21544680	20792007	20819841	21052176	2.03	cps
Indium	115-2	3785830	3785168	3809512	3793503	0.37	cps
Iron	56-2	1880591775	1884199553	1879506442	1881432590	0.13	cps
Iron	57-2	46976023	46991900	47578473	47182132	0.73	cps
Krypton	83-1	1057	1183	1150	1130	5.81	cps
Lead	206-1	21690	21501	21473	21555	0.55	cps
Lead	207-1	18141	17568	17679	17796	1.71	cps
Lead	208-1	83515	82870	83377	83254	0.41	cps
Lithium	6-1	6835524	6785518	6812381	6811141	0.37	cps
Magnesium	24-2	383229850	382627417	384474025	383443764	0.25	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 17:23:07	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43043	42846	44156	43348	1.63	cps
Molybdenum	94-1	28697	27644	26099	27480	4.75	cps
Molybdenum	95-1	47639	44788	43267	45231	4.91	cps
Molybdenum	96-1	74127	72351	68457	71645	4.05	cps
Molybdenum	97-1	25349	23963	22469	23927	6.02	cps
Molybdenum	98-1	59869	56203	52548	56207	6.51	cps
Neodymium	150-1	587	620	613	607	2.91	cps
Neodymium	150-2	207	213	187	202	6.86	cps
Nickel	60-2	44564	44775	45079	44806	0.58	cps
Phosphorus	31-2	1300	1292	1267	1286	1.35	cps
Potassium	39-2	171351200	172428104	172351883	172043729	0.35	cps
Rhodium	103-1	18229364	17810724	17745827	17928638	1.46	cps
Rhodium	103-2	8035239	8008262	8045346	8029616	0.24	cps
Scandium	45-1	15258365	14827632	14704208	14930068	1.95	cps
Scandium	45-2	625156	627872	625710	626246	0.23	cps
Selenium	77-2	3	13	0	6	124.93	cps
Selenium	78-2	135	111	126	124	9.79	cps
Selenium	82-1	480	293	362	379	24.99	cps
Silicon	28-1	1976008	2055940	2083351	2038433	2.74	cps
Silver	109-1	2934	2800	3167	2967	6.26	cps
Silver	107-1	2859	3159	2892	2970	5.54	cps
Sodium	23-2	733807316	737057883	743341783	738068994	0.66	cps
Strontium	86-1	40500	40383	40817	40567	0.55	cps
Strontium	88-1	343628	346578	341852	344019	0.69	cps
Sulfur	34-1	794807	810192	821490	808830	1.66	cps
Terbium	159-1	31648246	30826824	30928100	31134390	1.44	cps
Terbium	159-2	13447009	13468476	13521757	13479081	0.29	cps
Thallium	203-1	5176	5068	5160	5135	1.14	cps
Thallium	205-1	13140	11939	11856	12312	5.84	cps
Thorium	232-1	16411	14486	14125	15007	8.19	cps
Tin	118-1	14583	14675	14233	14497	1.61	cps
Titanium	47-1	6168	6026	6694	6296	5.59	cps
Uranium	238-1	6060	6127	5818	6002	2.70	cps
Vanadium	51-2	1200	1230	1153	1195	3.23	cps
Yttrium	89-1	22748383	22048473	22220732	22339196	1.63	cps
Yttrium	89-2	2956347	2958188	2960630	2958388	0.07	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 17:23:07	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	11658	12002	11705	11788	1.58	cps
Zirconium	90-1	12706	12264	11522	12164	4.92	cps
Zirconium	91-1	2809	2784	2509	2700	6.17	cps

LB Number : LB100757 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2019-02-08 18:00:46 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	195227	196713	195202	195714	0.44	cps
Antimony	121-1	5792215	5729657	5816164	5779345	0.77	cps
Arsenic	75-2	214063	214527	214855	214482	0.19	cps
Barium	135-1	785770	781467	791766	786334	0.66	cps
Barium	137-1	1381703	1372094	1379543	1377780	0.37	cps
Beryllium	9-1	980745	957879	971984	970203	1.19	cps
Bismuth	209-1	23924715	23557917	23322014	23601549	1.29	cps
Bismuth	209-2	11506729	11421741	11348815	11425762	0.69	cps
Boron	10-1	6318	6018	5918	6085	3.42	cps
Boron	11-1	28553	28202	27392	28049	2.12	cps
Cadmium	111-1	1026908	1016574	1031466	1024983	0.74	cps
Cadmium	106-1	102057	100043	100849	100983	1.00	cps
Cadmium	108-1	88583	87250	87095	87642	0.93	cps
Calcium	43-1	228633	221259	222379	224091	1.77	cps
Calcium	44-1	3720983	3644091	3620753	3661942	1.43	cps
Chromium	52-2	1000336	997032	997577	998315	0.18	cps
Cobalt	59-2	1768802	1775505	1767260	1770522	0.25	cps
Copper	63-2	1307428	1308084	1304713	1306742	0.14	cps
Dysprosium	156-1	17	50	42	36	48.03	cps
Dysprosium	156-2	27	33	43	34	24.35	cps
Erbium	164-1	442	342	375	386	13.19	cps
Erbium	164-2	117	120	167	134	20.79	cps
Gadolinium	160-1	367	308	175	283	34.68	cps
Gadolinium	160-2	533	590	517	547	7.03	cps
Holmium	165-1	36164562	35174777	35339886	35559742	1.49	cps
Holmium	165-2	15959969	15907263	15753739	15873657	0.67	cps
Indium	115-1	26770779	26238239	26118847	26375955	1.32	cps
Indium	115-2	4682668	4662413	4615589	4653556	0.74	cps
Iron	56-2	9128111	9052718	8943053	9041294	1.03	cps
Iron	57-2	229433	227182	227505	228040	0.53	cps
Krypton	83-1	1100	1130	1023	1085	5.07	cps
Lead	206-1	6291425	6111829	6230136	6211130	1.47	cps
Lead	207-1	5359133	5318859	5381180	5353057	0.59	cps
Lead	208-1	24731668	24239936	24459252	24476952	1.01	cps
Lithium	6-1	8646745	8508264	8342175	8499061	1.79	cps
Magnesium	24-2	1069573	1073569	1066428	1069857	0.33	cps

LB Number : LB100757 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2019-02-08 18:00:46 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	618644	614852	614266	615921	0.39	cps
Molybdenum	94-1	24017147	23414432	23634141	23688574	1.29	cps
Molybdenum	95-1	42311214	41216714	41606930	41711620	1.33	cps
Molybdenum	96-1	45524482	44373596	44519197	44805758	1.40	cps
Molybdenum	97-1	26618619	25744587	25931753	26098320	1.76	cps
Molybdenum	98-1	68548374	66671993	67193662	67471343	1.44	cps
Neodymium	150-1	113	53	53	73	47.23	cps
Neodymium	150-2	17	3	7	9	78.08	cps
Nickel	60-2	482921	483575	479005	481834	0.51	cps
Phosphorus	31-2	1158	1108	1075	1114	3.77	cps
Potassium	39-2	1486083	1490913	1476700	1484565	0.49	cps
Rhodium	103-1	24860946	24178050	24269901	24436299	1.52	cps
Rhodium	103-2	10957914	10996858	10900094	10951622	0.44	cps
Scandium	45-1	17559946	17031696	16763905	17118515	2.37	cps
Scandium	45-2	700666	696423	695935	697675	0.37	cps
Selenium	77-2	7028	6718	7002	6916	2.49	cps
Selenium	78-2	23812	23664	23438	23638	0.80	cps
Selenium	82-1	169845	165482	169265	168197	1.41	cps
Silicon	28-1	1033698	1113751	1171442	1106297	6.25	cps
Silver	109-1	4785057	4720806	4790473	4765446	0.81	cps
Silver	107-1	4967927	4963779	5000536	4977414	0.40	cps
Sodium	23-2	3363065	3352862	3330712	3348880	0.49	cps
Strontium	86-1	26859	26350	26667	26626	0.97	cps
Strontium	88-1	222987	218026	222568	221194	1.24	cps
Sulfur	34-1	838175	820923	825842	828313	1.07	cps
Terbium	159-1	36860289	36047445	35886407	36264714	1.44	cps
Terbium	159-2	15681666	15754683	15518842	15651730	0.77	cps
Thallium	203-1	7903779	7718542	7791721	7804680	1.20	cps
Thallium	205-1	19162900	18730980	18736107	18876662	1.31	cps
Thorium	232-1	2145	2384	2167	2232	5.92	cps
Tin	118-1	5343	23251	7629	12074	80.72	cps
Titanium	47-1	12476767	12188326	12160908	12275334	1.43	cps
Uranium	238-1	2759	2567	2709	2678	3.71	cps
Vanadium	51-2	766569	763155	768586	766103	0.36	cps
Yttrium	89-1	26375610	25812330	25472255	25886732	1.76	cps
Yttrium	89-2	3370599	3389303	3388470	3382791	0.31	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:00:46	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	403429	405260	402090	403593	0.39	cps
Zirconium	90-1	5318	4759	4818	4965	6.18	cps
Zirconium	91-1	2525	2367	2209	2367	6.69	cps

LB Number : LB100757 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2019-02-08 18:06:09 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	100	67	97	30.10	cps
Antimony	121-1	1433	1292	1333	1353	5.38	cps
Arsenic	75-2	22	20	6	16	56.89	cps
Barium	135-1	67	92	75	78	16.37	cps
Barium	137-1	133	92	108	111	18.88	cps
Beryllium	9-1	217	290	243	250	14.85	cps
Bismuth	209-1	23484448	23816953	23835082	23712161	0.83	cps
Bismuth	209-2	11534580	11463764	11455722	11484689	0.38	cps
Boron	10-1	5151	5701	5610	5487	5.37	cps
Boron	11-1	24312	25130	25063	24835	1.83	cps
Cadmium	111-1	9057	8635	8798	8830	2.41	cps
Cadmium	106-1	12823	12256	12514	12531	2.27	cps
Cadmium	108-1	33	21	29	28	22.92	cps
Calcium	43-1	367	317	375	353	8.94	cps
Calcium	44-1	21394	21778	21753	21642	0.99	cps
Chromium	52-2	4311	4207	4141	4220	2.03	cps
Cobalt	59-2	137	170	173	160	12.67	cps
Copper	63-2	2434	2264	2527	2408	5.55	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	13	20	20	18	21.66	cps
Erbium	164-1	167	75	108	117	39.77	cps
Erbium	164-2	47	47	37	43	13.32	cps
Gadolinium	160-1	267	242	258	256	4.98	cps
Gadolinium	160-2	493	563	557	538	7.18	cps
Holmium	165-1	35154750	35652955	35110592	35306099	0.85	cps
Holmium	165-2	15870226	15802195	15846472	15839631	0.22	cps
Indium	115-1	26376235	26590120	26574915	26513757	0.45	cps
Indium	115-2	4673674	4663475	4658338	4665162	0.17	cps
Iron	56-2	12194	12166	12773	12378	2.76	cps
Iron	57-2	244	244	267	252	5.10	cps
Krypton	83-1	1110	983	1187	1093	9.39	cps
Lead	206-1	2495	2256	2423	2391	5.13	cps
Lead	207-1	2317	2089	2134	2180	5.54	cps
Lead	208-1	10219	9824	9424	9822	4.05	cps
Lithium	6-1	8507868	8653535	8636792	8599399	0.93	cps
Magnesium	24-2	292	225	250	256	13.18	cps

LB Number : LB100757 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2019-02-08 18:06:09 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	103	83	83	90	12.84	cps
Molybdenum	94-1	3292	2850	2475	2873	14.23	cps
Molybdenum	95-1	4884	4326	3125	4112	21.86	cps
Molybdenum	96-1	5343	4468	3826	4545	16.76	cps
Molybdenum	97-1	3184	2275	2200	2553	21.44	cps
Molybdenum	98-1	8136	7010	5343	6830	20.58	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	223	223	243	230	5.02	cps
Phosphorus	31-2	1167	992	1100	1086	8.13	cps
Potassium	39-2	34232	34600	33572	34135	1.53	cps
Rhodium	103-1	24506781	24978814	24831109	24772235	0.97	cps
Rhodium	103-2	11078738	11057043	11020554	11052112	0.27	cps
Scandium	45-1	17082865	17192897	17164050	17146604	0.33	cps
Scandium	45-2	705632	707652	707513	706933	0.16	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	94	113	109	106	9.28	cps
Selenium	82-1	18	144	-104	19	638.35	cps
Silicon	28-1	604352	593457	594442	597417	1.01	cps
Silver	109-1	392	292	467	383	22.90	cps
Silver	107-1	658	500	500	553	16.54	cps
Sodium	23-2	55086	55629	54424	55046	1.10	cps
Strontium	86-1	1842	1842	1725	1803	3.74	cps
Strontium	88-1	467	350	317	378	20.85	cps
Sulfur	34-1	873077	871032	864015	869375	0.55	cps
Terbium	159-1	35762659	36436739	36022408	36073935	0.94	cps
Terbium	159-2	15692307	15725968	15663919	15694064	0.20	cps
Thallium	203-1	1892	1834	1834	1853	1.82	cps
Thallium	205-1	4576	3959	4209	4248	7.30	cps
Thorium	232-1	556	522	467	515	8.72	cps
Tin	118-1	1917	1842	1792	1850	3.40	cps
Titanium	47-1	883	633	542	686	25.78	cps
Uranium	238-1	267	208	125	200	35.60	cps
Vanadium	51-2	23	10	10	14	53.28	cps
Yttrium	89-1	25898921	26152025	26047062	26032670	0.49	cps
Yttrium	89-2	3406840	3398427	3368866	3391378	0.59	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:06:09	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	830	873	870	858	2.81	cps
Zirconium	90-1	1608	1867	1667	1714	7.91	cps
Zirconium	91-1	425	325	283	344	21.14	cps

LB Number : LB100757 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P7
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2019-02-08 18:09:45 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35208907	34899455	34815520	34974627	0.59	cps
Antimony	121-1	29340	30785	31478	30534	3.57	cps
Arsenic	75-2	311	348	350	336	6.52	cps
Barium	135-1	10963	11405	11972	11447	4.42	cps
Barium	137-1	18997	19848	19331	19392	2.21	cps
Beryllium	9-1	2587	2670	2687	2648	2.02	cps
Bismuth	209-1	20293563	20459232	19675066	20142620	2.05	cps
Bismuth	209-2	9854097	9862505	9717890	9811497	0.83	cps
Boron	10-1	6252	6118	5951	6107	2.46	cps
Boron	11-1	29229	27810	28920	28653	2.60	cps
Cadmium	111-1	14661	14547	14094	14434	2.08	cps
Cadmium	106-1	11030	11197	11338	11188	1.38	cps
Cadmium	108-1	13719	13815	14074	13870	1.32	cps
Calcium	43-1	10283997	10490826	10497600	10424141	1.16	cps
Calcium	44-1	167934937	169755441	172060671	169917016	1.22	cps
Chromium	52-2	224183	225458	223533	224391	0.44	cps
Cobalt	59-2	20041	19854	19320	19738	1.90	cps
Copper	63-2	93396	93386	93684	93489	0.18	cps
Dysprosium	156-1	167	167	175	169	2.84	cps
Dysprosium	156-2	67	57	77	67	15.00	cps
Erbium	164-1	283	192	167	214	28.72	cps
Erbium	164-2	127	133	63	108	35.85	cps
Gadolinium	160-1	317	442	367	375	16.78	cps
Gadolinium	160-2	600	500	630	577	11.80	cps
Holmium	165-1	34624491	35302994	33701867	34543117	2.33	cps
Holmium	165-2	15639872	15527585	15370105	15512520	0.87	cps
Indium	115-1	24387647	24780080	23658278	24275335	2.35	cps
Indium	115-2	4339544	4334552	4256347	4310147	1.08	cps
Iron	56-2	846549752	849733508	843591197	846624819	0.36	cps
Iron	57-2	21248312	21079647	21208873	21178944	0.42	cps
Krypton	83-1	1027	1170	1133	1110	6.71	cps
Lead	206-1	146445	146006	144946	145799	0.53	cps
Lead	207-1	115809	114113	115239	115054	0.75	cps
Lead	208-1	546410	546024	541057	544497	0.55	cps
Lithium	6-1	7856903	7986331	7690346	7844527	1.89	cps
Magnesium	24-2	85707969	85070102	85484200	85420757	0.38	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:09:45	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47801	48145	47507	47818	0.67	cps
Molybdenum	94-1	16950582	17155089	17214594	17106755	0.81	cps
Molybdenum	95-1	30140268	30289804	30403561	30277878	0.44	cps
Molybdenum	96-1	32228522	32574068	32776346	32526312	0.85	cps
Molybdenum	97-1	18534900	18774932	19009694	18773175	1.26	cps
Molybdenum	98-1	48040749	49061188	49392041	48831326	1.44	cps
Neodymium	150-1	227	187	160	191	17.56	cps
Neodymium	150-2	63	80	23	56	52.43	cps
Nickel	60-2	23145	23646	23242	23344	1.14	cps
Phosphorus	31-2	2156760	2159307	2146407	2154158	0.32	cps
Potassium	39-2	72295733	72023170	71910008	72076304	0.28	cps
Rhodium	103-1	21498897	21916018	20969583	21461499	2.21	cps
Rhodium	103-2	9955801	10030761	9882391	9956318	0.75	cps
Scandium	45-1	16485180	16607938	15856599	16316572	2.47	cps
Scandium	45-2	692552	691967	687447	690655	0.40	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	106	122	100	109	10.58	cps
Selenium	82-1	162	5	130	99	83.61	cps
Silicon	28-1	1197848	1208142	1222016	1209335	1.00	cps
Silver	109-1	1817	1625	2142	1861	14.03	cps
Silver	107-1	1867	2017	2317	2067	11.09	cps
Sodium	23-2	161085491	163175087	162248674	162169751	0.65	cps
Strontium	86-1	348064	350584	354026	350891	0.85	cps
Strontium	88-1	3052850	3080009	3110988	3081282	0.94	cps
Sulfur	34-1	16409053	16512379	16715524	16545652	0.94	cps
Terbium	159-1	34980728	35558121	33820442	34786430	2.54	cps
Terbium	159-2	15370345	15197256	15067136	15211579	1.00	cps
Thallium	203-1	3392	3967	3942	3767	8.63	cps
Thallium	205-1	7894	9103	9354	8784	8.88	cps
Thorium	232-1	1089	1256	1428	1258	13.48	cps
Tin	118-1	5993	6185	6077	6085	1.58	cps
Titanium	47-1	9623008	9671827	9718310	9671048	0.49	cps
Uranium	238-1	2117	2167	2017	2100	3.64	cps
Vanadium	51-2	1363	1480	1397	1413	4.25	cps
Yttrium	89-1	24834310	25280100	24132458	24748956	2.34	cps
Yttrium	89-2	3300419	3286936	3257774	3281709	0.66	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:09:45	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	23803	23619	23656	23693	0.41	cps
Zirconium	90-1	2292	2559	2342	2398	5.91	cps
Zirconium	91-1	450	542	650	547	18.30	cps

LB Number : LB100757 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P7
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2019-02-08 18:13:27 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35783759	35365748	36209946	35786484	1.18	cps
Antimony	121-1	559094	561298	571041	563811	1.13	cps
Arsenic	75-2	19129	19196	19626	19317	1.40	cps
Barium	135-1	163407	161906	166410	163908	1.40	cps
Barium	137-1	284408	283463	289792	285888	1.19	cps
Beryllium	9-1	175166	174465	174388	174673	0.25	cps
Bismuth	209-1	20616469	20685306	20727931	20676568	0.27	cps
Bismuth	209-2	9660164	9728192	9761584	9716647	0.53	cps
Boron	10-1	126518	131038	132639	130065	2.44	cps
Boron	11-1	608407	616252	618165	614275	0.84	cps
Cadmium	111-1	197699	197009	197721	197476	0.21	cps
Cadmium	106-1	41236	42138	41888	41754	1.12	cps
Cadmium	108-1	31368	31030	31694	31364	1.06	cps
Calcium	43-1	10783796	10893634	10997234	10891555	0.98	cps
Calcium	44-1	175392225	176190666	178642054	176741648	0.96	cps
Chromium	52-2	409539	409765	412579	410628	0.41	cps
Cobalt	59-2	343966	343947	346644	344852	0.45	cps
Copper	63-2	321880	322661	323833	322791	0.30	cps
Dysprosium	156-1	142	150	83	125	29.06	cps
Dysprosium	156-2	73	73	70	72	2.67	cps
Erbium	164-1	292	267	267	275	5.25	cps
Erbium	164-2	73	83	117	91	24.90	cps
Gadolinium	160-1	325	358	267	317	14.65	cps
Gadolinium	160-2	540	580	600	573	5.33	cps
Holmium	165-1	35775707	35927197	35690160	35797688	0.34	cps
Holmium	165-2	15429243	15460844	15670669	15520252	0.85	cps
Indium	115-1	25067663	25199323	25190011	25152332	0.29	cps
Indium	115-2	4301979	4319824	4363276	4328360	0.73	cps
Iron	56-2	858427553	865105397	864368508	862633819	0.42	cps
Iron	57-2	21434950	21682366	21745022	21620779	0.76	cps
Krypton	83-1	1147	1237	997	1127	10.76	cps
Lead	206-1	692869	693492	708783	698382	1.29	cps
Lead	207-1	570590	572566	578746	573968	0.74	cps
Lead	208-1	2648681	2672701	2684477	2668619	0.68	cps
Lithium	6-1	7951032	8056897	8046020	8017983	0.73	cps
Magnesium	24-2	86632892	86897712	87870362	87133655	0.75	cps

LB Number : LB100757 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P7
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2019-02-08 18:13:27 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	162146	163658	164566	163456	0.75	cps
Molybdenum	94-1	19390933	19510333	19481225	19460830	0.32	cps
Molybdenum	95-1	32339899	32277656	32429091	32348882	0.24	cps
Molybdenum	96-1	34806658	34879610	35108113	34931461	0.45	cps
Molybdenum	97-1	19916167	20180024	20187990	20094727	0.77	cps
Molybdenum	98-1	51607152	52134693	52412590	52051478	0.79	cps
Neodymium	150-1	227	140	153	173	26.92	cps
Neodymium	150-2	53	57	67	59	11.79	cps
Nickel	60-2	108770	108155	108733	108553	0.32	cps
Phosphorus	31-2	2191977	2182067	2202640	2192228	0.47	cps
Potassium	39-2	73492145	74354058	74355727	74067310	0.67	cps
Rhodium	103-1	22010005	22323843	22452812	22262220	1.02	cps
Rhodium	103-2	9916581	9971577	10076448	9988202	0.81	cps
Scandium	45-1	16862140	17169423	17167196	17066253	1.04	cps
Scandium	45-2	701382	707390	718832	709201	1.25	cps
Selenium	77-2	667	647	643	652	1.93	cps
Selenium	78-2	1978	2161	2045	2061	4.50	cps
Selenium	82-1	14650	14469	14575	14565	0.62	cps
Silicon	28-1	2729957	2759526	2764237	2751240	0.68	cps
Silver	109-1	786643	790013	806982	794546	1.37	cps
Silver	107-1	821085	831611	837640	830112	1.01	cps
Sodium	23-2	163771008	164981533	167544454	165432331	1.16	cps
Strontium	86-1	1004329	1013787	1010161	1009426	0.47	cps
Strontium	88-1	8912005	8967262	8904010	8927759	0.39	cps
Sulfur	34-1	17164832	17277904	17130886	17191207	0.45	cps
Terbium	159-1	35833214	36157432	36052823	36014489	0.46	cps
Terbium	159-2	15251810	15107721	15197287	15185606	0.48	cps
Thallium	203-1	703114	713678	717774	711522	1.06	cps
Thallium	205-1	1671814	1692177	1717480	1693824	1.35	cps
Thorium	232-1	52306	53924	53081	53104	1.52	cps
Tin	118-1	1652755	1661925	1679851	1664844	0.83	cps
Titanium	47-1	10098431	10326455	10391063	10271983	1.50	cps
Uranium	238-1	7570888	7582917	7617233	7590346	0.32	cps
Vanadium	51-2	149246	149596	151333	150058	0.74	cps
Yttrium	89-1	25443886	25885185	25750112	25693061	0.88	cps
Yttrium	89-2	3284691	3294291	3323240	3300741	0.61	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:13:27	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	58601	57443	60478	58840	2.60	cps
Zirconium	90-1	3275402	3337245	3352413	3321687	1.23	cps
Zirconium	91-1	732341	745325	749904	742523	1.23	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	CCV090	Instrumnet Name :	P7
Client Sample ID :	CCV090	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:17:09	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20998952	21157482	20871315	21009249	0.68	cps
Antimony	121-1	13430583	13576494	13460707	13489261	0.57	cps
Arsenic	75-2	484118	482222	488412	484918	0.65	cps
Barium	135-1	19298035	19563675	19339536	19400416	0.74	cps
Barium	137-1	34027467	34361715	34255357	34214847	0.50	cps
Beryllium	9-1	4306470	4295982	4322172	4308208	0.31	cps
Bismuth	209-1	18673938	18690188	18744502	18702876	0.20	cps
Bismuth	209-2	8940180	9066365	9053227	9019924	0.77	cps
Boron	10-1	978714	991456	1018650	996273	2.05	cps
Boron	11-1	4659513	4756096	4867222	4760944	2.18	cps
Cadmium	111-1	4331539	4354043	4407047	4364210	0.89	cps
Cadmium	106-1	508013	513238	519021	513424	1.07	cps
Cadmium	108-1	344015	347252	345311	345526	0.47	cps
Calcium	43-1	27094711	26944683	27318107	27119167	0.69	cps
Calcium	44-1	438144443	436463593	440743460	438450499	0.49	cps
Chromium	52-2	5021469	5037010	5055936	5038139	0.34	cps
Cobalt	59-2	8456966	8444057	8500154	8467059	0.35	cps
Copper	63-2	12453722	12514220	12493169	12487037	0.25	cps
Dysprosium	156-1	492	417	567	492	15.26	cps
Dysprosium	156-2	357	383	317	352	9.53	cps
Erbium	164-1	233	175	158	189	20.85	cps
Erbium	164-2	83	73	67	74	11.27	cps
Gadolinium	160-1	358	558	333	417	29.60	cps
Gadolinium	160-2	583	650	550	594	8.57	cps
Holmium	165-1	34608971	34557282	34367152	34511135	0.37	cps
Holmium	165-2	15159416	15212478	15111034	15160976	0.33	cps
Indium	115-1	23963257	23803857	23845701	23870938	0.35	cps
Indium	115-2	4153541	4210276	4230783	4198200	0.95	cps
Iron	56-2	1081806380	1073762646	1087779047	1081116024	0.65	cps
Iron	57-2	27181537	27059409	27295191	27178712	0.43	cps
Krypton	83-1	1207	1237	1180	1208	2.35	cps
Lead	206-1	13391827	13377901	13432913	13400881	0.21	cps
Lead	207-1	11922180	11904421	11891994	11906198	0.13	cps
Lead	208-1	53826324	53689452	53827252	53781009	0.15	cps
Lithium	6-1	7654587	7628115	7655838	7646180	0.20	cps
Magnesium	24-2	215578834	217833372	217272172	216894792	0.54	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	CCV090	Instrumnet Name :	P7
Client Sample ID :	CCV090	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:17:09	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6146458	6174112	6221334	6180635	0.61	cps
Molybdenum	94-1	34072253	33798300	34062283	33977612	0.46	cps
Molybdenum	95-1	42778322	42892203	42949154	42873226	0.20	cps
Molybdenum	96-1	47567405	47660822	47789790	47672672	0.23	cps
Molybdenum	97-1	26583216	26800435	26653609	26679087	0.42	cps
Molybdenum	98-1	69287547	69455174	68849345	69197356	0.45	cps
Neodymium	150-1	1960	2160	2114	2078	5.04	cps
Neodymium	150-2	250	240	243	244	2.08	cps
Nickel	60-2	2137139	2136139	2137737	2137005	0.04	cps
Phosphorus	31-2	225658	229192	224717	226522	1.04	cps
Potassium	39-2	95081890	95307396	94471402	94953563	0.46	cps
Rhodium	103-1	20971942	21008272	21013612	20997942	0.11	cps
Rhodium	103-2	9341022	9425580	9400002	9388868	0.46	cps
Scandium	45-1	16895638	16793738	16802938	16830772	0.33	cps
Scandium	45-2	704651	708369	711857	708292	0.51	cps
Selenium	77-2	16566	16266	16636	16490	1.19	cps
Selenium	78-2	55173	54935	55721	55276	0.73	cps
Selenium	82-1	383694	383415	386912	384674	0.51	cps
Silicon	28-1	11938103	12208363	12451719	12199395	2.11	cps
Silver	109-1	20286620	20263358	20254489	20268156	0.08	cps
Silver	107-1	21028903	21006938	21117461	21051101	0.28	cps
Sodium	23-2	411461959	417887959	415560351	414970090	0.78	cps
Strontium	86-1	6191733	6156078	6186314	6178042	0.31	cps
Strontium	88-1	54837943	55135801	54475078	54816274	0.60	cps
Sulfur	34-1	3035910	3017943	3040242	3031365	0.39	cps
Terbium	159-1	34851149	34567374	34924632	34781052	0.54	cps
Terbium	159-2	14738737	14952195	14951277	14880736	0.83	cps
Thallium	203-1	17251334	17166101	17179226	17198887	0.27	cps
Thallium	205-1	41786829	41432303	41471819	41563650	0.47	cps
Thorium	232-1	59929186	60257240	59915018	60033815	0.32	cps
Tin	118-1	13648213	13604250	13539138	13597200	0.40	cps
Titanium	47-1	12775552	12759055	12809431	12781346	0.20	cps
Uranium	238-1	59380422	59422346	58685019	59162596	0.70	cps
Vanadium	51-2	4033216	4052876	4030127	4038740	0.31	cps
Yttrium	89-1	25302673	25342068	25333576	25326106	0.08	cps
Yttrium	89-2	3272738	3310320	3272210	3285090	0.67	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	CCV090	Instrumnet Name :	P7
Client Sample ID :	CCV090	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:17:09	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1889164	1881812	1893351	1888109	0.31	cps
Zirconium	90-1	26628516	26492759	26472020	26531099	0.32	cps
Zirconium	91-1	5894761	5875626	5898748	5889712	0.21	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	CCB090	Instrumnet Name :	P7
Client Sample ID :	CCB090	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:21:27	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1033	808	1150	997	17.42	cps
Antimony	121-1	3559	3634	3417	3537	3.11	cps
Arsenic	75-2	28	28	50	35	36.46	cps
Barium	135-1	683	525	450	553	21.55	cps
Barium	137-1	1175	1025	825	1008	17.42	cps
Beryllium	9-1	573	450	403	476	18.47	cps
Bismuth	209-1	24956998	24807578	24693755	24819444	0.53	cps
Bismuth	209-2	11872215	11804842	11760401	11812486	0.48	cps
Boron	10-1	26149	24287	23703	24713	5.17	cps
Boron	11-1	118815	113157	106700	112891	5.37	cps
Cadmium	111-1	9916	9428	10101	9815	3.54	cps
Cadmium	106-1	13774	13140	13991	13635	3.24	cps
Cadmium	108-1	79	58	38	58	35.72	cps
Calcium	43-1	1759	1433	1383	1525	13.35	cps
Calcium	44-1	45876	43562	39508	42982	7.50	cps
Chromium	52-2	4637	5114	4718	4823	5.29	cps
Cobalt	59-2	343	253	270	289	16.57	cps
Copper	63-2	4691	4667	4738	4699	0.76	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	13	0	0	4	173.21	cps
Erbium	164-1	100	100	158	119	28.20	cps
Erbium	164-2	67	47	33	49	34.32	cps
Gadolinium	160-1	208	242	217	222	7.81	cps
Gadolinium	160-2	603	537	473	538	12.09	cps
Holmium	165-1	38233071	38017420	37533020	37927837	0.95	cps
Holmium	165-2	16518814	16427590	16487387	16477930	0.28	cps
Indium	115-1	28365589	28546229	28522720	28478179	0.34	cps
Indium	115-2	4940281	4897320	4941264	4926288	0.51	cps
Iron	56-2	50242	48781	44702	47908	5.99	cps
Iron	57-2	1300	1095	1233	1209	8.67	cps
Krypton	83-1	1097	1107	1057	1087	2.43	cps
Lead	206-1	4106	4284	4084	4158	2.64	cps
Lead	207-1	3801	3545	3745	3697	3.64	cps
Lead	208-1	17272	16093	16366	16577	3.72	cps
Lithium	6-1	8943910	8828802	8774683	8849132	0.98	cps
Magnesium	24-2	5334	5276	4834	5148	5.31	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	CCB090	Instrumnet Name :	P7
Client Sample ID :	CCB090	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:21:27	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	227	207	217	217	4.62	cps
Molybdenum	94-1	6852	5793	5226	5957	13.85	cps
Molybdenum	95-1	10179	8186	7344	8570	16.99	cps
Molybdenum	96-1	11213	8711	7919	9281	18.52	cps
Molybdenum	97-1	6510	5410	4309	5410	20.34	cps
Molybdenum	98-1	15976	13298	11939	13738	14.95	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	210	280	220	237	16.00	cps
Phosphorus	31-2	1133	1250	1142	1175	5.54	cps
Potassium	39-2	55430	55120	53740	54763	1.64	cps
Rhodium	103-1	26779293	26635515	26464690	26626500	0.59	cps
Rhodium	103-2	11777728	11776454	11825051	11793078	0.23	cps
Scandium	45-1	18810793	18669120	18545844	18675252	0.71	cps
Scandium	45-2	749726	754606	746684	750339	0.53	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	143	111	131	128	12.43	cps
Selenium	82-1	149	33	73	85	69.48	cps
Silicon	28-1	692228	676423	671201	679951	1.61	cps
Silver	109-1	2525	2492	2225	2414	6.81	cps
Silver	107-1	2750	2492	2450	2564	6.34	cps
Sodium	23-2	99764	98247	97147	98386	1.34	cps
Strontium	86-1	2317	1950	1834	2034	12.41	cps
Strontium	88-1	2359	2217	2000	2192	8.24	cps
Sulfur	34-1	863510	869860	872748	868706	0.54	cps
Terbium	159-1	38680780	38313381	38070427	38354863	0.80	cps
Terbium	159-2	16408779	16363819	16251048	16341215	0.50	cps
Thallium	203-1	6419	6177	5727	6107	5.75	cps
Thallium	205-1	14951	13883	13474	14103	5.41	cps
Thorium	232-1	5535	4673	4451	4886	11.71	cps
Tin	118-1	3617	3251	3225	3364	6.52	cps
Titanium	47-1	1233	1000	983	1072	13.04	cps
Uranium	238-1	2475	1917	1567	1986	23.07	cps
Vanadium	51-2	80	80	67	76	10.19	cps
Yttrium	89-1	28497608	28236299	28115858	28283255	0.69	cps
Yttrium	89-2	3593009	3584425	3595879	3591104	0.17	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	CCB090	Instrumnet Name :	P7
Client Sample ID :	CCB090	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:21:27	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	747	783	927	819	11.62	cps
Zirconium	90-1	3109	3084	2859	3017	4.56	cps
Zirconium	91-1	658	608	717	661	8.20	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:25:03	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8761	9103	9211	9025	2.60	cps
Antimony	121-1	60129	61335	59728	60397	1.38	cps
Arsenic	75-2	1037	1141	1230	1136	8.49	cps
Barium	135-1	82142	84582	82496	83074	1.59	cps
Barium	137-1	142852	146828	143088	144256	1.55	cps
Beryllium	9-1	10167	10047	10364	10192	1.57	cps
Bismuth	209-1	24726181	24967665	24707741	24800529	0.58	cps
Bismuth	209-2	11948582	11956597	11892104	11932428	0.29	cps
Boron	10-1	66840	68322	70942	68701	3.02	cps
Boron	11-1	318300	321667	319731	319899	0.53	cps
Cadmium	111-1	20506	20168	20650	20441	1.21	cps
Cadmium	106-1	15125	15342	15192	15220	0.73	cps
Cadmium	108-1	908	971	900	926	4.18	cps
Calcium	43-1	60332	59128	58257	59239	1.76	cps
Calcium	44-1	975837	981982	971372	976397	0.55	cps
Chromium	52-2	25536	25860	25833	25743	0.70	cps
Cobalt	59-2	18842	18322	18739	18634	1.48	cps
Copper	63-2	31354	31912	31093	31453	1.33	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	20	3	17	13	66.16	cps
Erbium	164-1	142	100	67	103	36.56	cps
Erbium	164-2	63	50	40	51	22.90	cps
Gadolinium	160-1	208	242	258	236	10.78	cps
Gadolinium	160-2	517	573	490	527	8.08	cps
Holmium	165-1	37981075	38157579	37560541	37899732	0.81	cps
Holmium	165-2	16694814	16835283	16778423	16769506	0.42	cps
Indium	115-1	28601442	29054806	28457512	28704587	1.09	cps
Indium	115-2	4944768	4999084	4980448	4974767	0.55	cps
Iron	56-2	571329	566484	568315	568709	0.43	cps
Iron	57-2	14096	14213	13990	14100	0.79	cps
Krypton	83-1	1087	1147	1117	1117	2.69	cps
Lead	206-1	32691	33454	33075	33073	1.15	cps
Lead	207-1	29233	29111	29099	29148	0.25	cps
Lead	208-1	130703	130904	130429	130679	0.18	cps
Lithium	6-1	8905067	9046841	8887606	8946505	0.98	cps
Magnesium	24-2	487489	483606	483353	484816	0.48	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:25:03	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7162	7179	6932	7091	1.95	cps
Molybdenum	94-1	74134	72083	72702	72973	1.44	cps
Molybdenum	95-1	89464	89547	90209	89740	0.46	cps
Molybdenum	96-1	98405	99379	100108	99298	0.86	cps
Molybdenum	97-1	56521	54999	55233	55584	1.47	cps
Molybdenum	98-1	144055	145383	144862	144767	0.46	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	5701	5831	5815	5782	1.22	cps
Phosphorus	31-2	2700	2467	2375	2514	6.67	cps
Potassium	39-2	432158	429925	422962	428348	1.12	cps
Rhodium	103-1	26719801	26818161	26530979	26689647	0.55	cps
Rhodium	103-2	11908717	11899003	11909536	11905752	0.05	cps
Scandium	45-1	18752803	19155422	18652040	18853422	1.41	cps
Scandium	45-2	766937	761743	757662	762114	0.61	cps
Selenium	77-2	183	193	150	176	12.93	cps
Selenium	78-2	778	783	817	793	2.65	cps
Selenium	82-1	4802	4834	4741	4792	0.98	cps
Silicon	28-1	888277	874623	879366	880755	0.79	cps
Silver	109-1	58631	59501	58145	58759	1.17	cps
Silver	107-1	61719	61007	60589	61105	0.93	cps
Sodium	23-2	951409	948740	953543	951231	0.25	cps
Strontium	86-1	13015	13190	13182	13129	0.75	cps
Strontium	88-1	97506	98948	99353	98602	0.98	cps
Sulfur	34-1	885513	883965	898481	889320	0.90	cps
Terbium	159-1	38326282	38847244	38017539	38397021	1.09	cps
Terbium	159-2	16494486	16491741	16504398	16496875	0.04	cps
Thallium	203-1	41391	40939	42519	41616	1.96	cps
Thallium	205-1	97834	97406	100537	98593	1.72	cps
Thorium	232-1	120910	122817	121241	121656	0.84	cps
Tin	118-1	155434	154609	156143	155395	0.49	cps
Titanium	47-1	27468	28704	27569	27914	2.46	cps
Uranium	238-1	121142	119744	122090	120992	0.98	cps
Vanadium	51-2	42381	43237	43788	43135	1.64	cps
Yttrium	89-1	28238677	28704310	28127261	28356750	1.08	cps
Yttrium	89-2	3617521	3626593	3627094	3623736	0.15	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:25:03	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5048	5044	4871	4988	2.03	cps
Zirconium	90-1	57148	58119	58068	57778	0.95	cps
Zirconium	91-1	13315	13657	13315	13429	1.47	cps

LB Number : LB100757 Operator : Jaswal
 Lab Sample ID : PB116908BL Instrumnet Name : P7
 Client Sample ID : PBW908 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-08 18:28:39 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	775	725	417	639	30.38	cps
Antimony	121-1	1408	1108	1292	1270	11.91	cps
Arsenic	75-2	30	41	19	30	37.50	cps
Barium	135-1	833	808	450	697	30.76	cps
Barium	137-1	1358	1192	1075	1208	11.79	cps
Beryllium	9-1	480	420	397	432	9.95	cps
Bismuth	209-1	24616153	24711407	24523283	24616948	0.38	cps
Bismuth	209-2	11821523	11839694	12008686	11889968	0.87	cps
Boron	10-1	12197	11963	11530	11897	2.85	cps
Boron	11-1	58289	54926	54131	55782	3.96	cps
Cadmium	111-1	9689	10208	10069	9988	2.69	cps
Cadmium	106-1	13532	14216	14124	13957	2.66	cps
Cadmium	108-1	54	38	50	47	18.37	cps
Calcium	43-1	1533	1233	1242	1336	12.79	cps
Calcium	44-1	44131	41463	38540	41378	6.76	cps
Chromium	52-2	4788	4694	4838	4773	1.52	cps
Cobalt	59-2	320	303	290	304	4.94	cps
Copper	63-2	4224	4534	4261	4340	3.90	cps
Dysprosium	156-1	0	17	33	17	99.99	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	108	125	100	111	11.46	cps
Erbium	164-2	63	43	40	49	25.81	cps
Gadolinium	160-1	233	242	167	214	19.22	cps
Gadolinium	160-2	520	480	493	498	4.09	cps
Holmium	165-1	37583128	37540133	37818739	37647333	0.40	cps
Holmium	165-2	16611832	16496865	16752358	16620352	0.77	cps
Indium	115-1	28661319	28519229	28630217	28603588	0.26	cps
Indium	115-2	4921319	4940098	4984094	4948504	0.65	cps
Iron	56-2	43938	39414	33428	38927	13.54	cps
Iron	57-2	900	750	667	772	15.31	cps
Krypton	83-1	1080	1093	1117	1097	1.69	cps
Lead	206-1	3234	3134	2795	3054	7.53	cps
Lead	207-1	2850	2711	2545	2702	5.66	cps
Lead	208-1	12975	12069	11769	12271	5.12	cps
Lithium	6-1	8769040	8786292	8873036	8809456	0.63	cps
Magnesium	24-2	5143	4092	3751	4329	16.76	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	PB116908BL	Instrumnet Name :	P7
Client Sample ID :	PBW908	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:28:39	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	217	200	203	207	4.27	cps
Molybdenum	94-1	3226	2925	2567	2906	11.34	cps
Molybdenum	95-1	3059	2725	2750	2845	6.53	cps
Molybdenum	96-1	3909	3309	3292	3503	10.03	cps
Molybdenum	97-1	2050	1900	1659	1870	10.57	cps
Molybdenum	98-1	5201	4893	4209	4768	10.65	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	267	227	257	250	8.33	cps
Phosphorus	31-2	1208	1058	1225	1164	7.89	cps
Potassium	39-2	44443	43975	44676	44365	0.81	cps
Rhodium	103-1	27011869	26576146	26622183	26736733	0.90	cps
Rhodium	103-2	11879709	11838705	11973831	11897415	0.58	cps
Scandium	45-1	18638648	18769593	18687081	18698440	0.35	cps
Scandium	45-2	763704	761232	766406	763781	0.34	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	109	115	135	120	11.40	cps
Selenium	82-1	219	149	148	172	23.78	cps
Silicon	28-1	628537	628361	627459	628119	0.09	cps
Silver	109-1	1175	1225	1242	1214	2.86	cps
Silver	107-1	1183	1258	1100	1181	6.71	cps
Sodium	23-2	77844	75699	75332	76292	1.78	cps
Strontium	86-1	2142	2125	1967	2078	4.65	cps
Strontium	88-1	2475	2050	1767	2097	17.00	cps
Sulfur	34-1	907843	916888	915628	913453	0.54	cps
Terbium	159-1	38307186	38174460	38022843	38168163	0.37	cps
Terbium	159-2	16385016	16438719	16548366	16457367	0.51	cps
Thallium	203-1	3025	2892	2817	2912	3.62	cps
Thallium	205-1	7694	7986	7578	7753	2.71	cps
Thorium	232-1	7575	7186	6068	6943	11.26	cps
Tin	118-1	3175	2892	2417	2828	13.55	cps
Titanium	47-1	1025	1075	933	1011	7.11	cps
Uranium	238-1	3126	2709	2209	2681	17.12	cps
Vanadium	51-2	40	87	70	66	36.08	cps
Yttrium	89-1	28268710	28393400	28231675	28297929	0.30	cps
Yttrium	89-2	3631116	3616590	3680603	3642770	0.92	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	PB116908BL	Instrumnet Name :	P7
Client Sample ID :	PBW908	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:28:39	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	690	767	780	746	6.51	cps
Zirconium	90-1	3609	3634	3184	3476	7.28	cps
Zirconium	91-1	633	717	742	697	8.14	cps

LB Number : LB100757 Operator : Jaswal
 Lab Sample ID : PB116908BS Instrumnet Name : P7
 Client Sample ID : LCS908 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-08 18:32:15 DataFile Name : 021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16585	15867	16610	16354	2.58	cps
Antimony	121-1	120379	118195	117194	118589	1.37	cps
Arsenic	75-2	2326	2265	2284	2292	1.37	cps
Barium	135-1	168713	163298	163299	165103	1.89	cps
Barium	137-1	289238	287241	289529	288669	0.43	cps
Beryllium	9-1	19503	20073	19750	19775	1.45	cps
Bismuth	209-1	24887428	24399500	24495210	24594046	1.05	cps
Bismuth	209-2	11936208	11964147	11815753	11905369	0.66	cps
Boron	10-1	114070	116028	117110	115736	1.33	cps
Boron	11-1	534076	544068	548747	542297	1.38	cps
Cadmium	111-1	30177	30757	30633	30522	1.00	cps
Cadmium	106-1	16285	16051	16302	16213	0.86	cps
Cadmium	108-1	1754	1742	1592	1696	5.33	cps
Calcium	43-1	118254	115726	115215	116398	1.40	cps
Calcium	44-1	1939299	1899958	1897850	1912369	1.22	cps
Chromium	52-2	26688	26611	26794	26698	0.35	cps
Cobalt	59-2	37628	37121	36803	37184	1.12	cps
Copper	63-2	58798	58302	59393	58831	0.93	cps
Dysprosium	156-1	50	25	33	36	35.25	cps
Dysprosium	156-2	10	10	0	7	86.60	cps
Erbium	164-1	133	150	75	119	32.97	cps
Erbium	164-2	43	33	40	39	13.09	cps
Gadolinium	160-1	200	300	317	272	23.18	cps
Gadolinium	160-2	610	577	510	566	9.00	cps
Holmium	165-1	38206896	37422378	37514176	37714483	1.14	cps
Holmium	165-2	16893417	16752697	16633474	16759863	0.78	cps
Indium	115-1	28826667	28836764	28613308	28758913	0.44	cps
Indium	115-2	5042290	5006812	5044403	5031169	0.42	cps
Iron	56-2	3895305	3872648	3862083	3876678	0.44	cps
Iron	57-2	95414	95716	96561	95897	0.62	cps
Krypton	83-1	1127	1197	1247	1190	5.07	cps
Lead	206-1	63787	62308	61928	62675	1.57	cps
Lead	207-1	55077	52510	54017	53868	2.39	cps
Lead	208-1	249340	243581	244698	245873	1.24	cps
Lithium	6-1	8910378	8854527	8765977	8843627	0.82	cps
Magnesium	24-2	987184	989382	973829	983465	0.86	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	PB116908BS	Instrumnet Name :	P7
Client Sample ID :	LCS908	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:32:15	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13777	13857	14074	13902	1.11	cps
Molybdenum	94-1	122985	123489	121531	122668	0.83	cps
Molybdenum	95-1	143271	141185	143389	142615	0.87	cps
Molybdenum	96-1	158900	156281	157822	157668	0.83	cps
Molybdenum	97-1	89714	88516	86370	88200	1.92	cps
Molybdenum	98-1	227634	228819	227664	228039	0.30	cps
Neodymium	150-1	13	53	0	22	124.91	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	10524	10827	11148	10833	2.88	cps
Phosphorus	31-2	3601	3692	3351	3548	4.99	cps
Potassium	39-2	810757	804363	802459	805860	0.54	cps
Rhodium	103-1	27185185	26690613	26746183	26873994	1.01	cps
Rhodium	103-2	11994649	11997356	11961196	11984400	0.17	cps
Scandium	45-1	19009172	18763408	18716484	18829688	0.83	cps
Scandium	45-2	769463	765621	767768	767618	0.25	cps
Selenium	77-2	387	410	447	414	7.30	cps
Selenium	78-2	1480	1435	1393	1436	3.03	cps
Selenium	82-1	9693	9378	9344	9472	2.04	cps
Silicon	28-1	1165563	1162242	1150464	1159423	0.68	cps
Silver	109-1	109732	106264	108943	108313	1.68	cps
Silver	107-1	111890	113460	108792	111381	2.13	cps
Sodium	23-2	1789398	1792329	1769987	1783905	0.68	cps
Strontium	86-1	23387	24154	23353	23631	1.92	cps
Strontium	88-1	197240	194569	193219	195009	1.05	cps
Sulfur	34-1	949973	953005	936320	946433	0.94	cps
Terbium	159-1	38568695	38367216	38292266	38409392	0.37	cps
Terbium	159-2	16723810	16623994	16475209	16607671	0.75	cps
Thallium	203-1	77007	76965	77192	77055	0.16	cps
Thallium	205-1	184130	183986	181298	183138	0.87	cps
Thorium	232-1	237894	236332	235388	236538	0.54	cps
Tin	118-1	308045	307692	304775	306837	0.58	cps
Titanium	47-1	54192	54652	53941	54262	0.66	cps
Uranium	238-1	240401	238869	236826	238699	0.75	cps
Vanadium	51-2	85942	85275	84842	85353	0.65	cps
Yttrium	89-1	28648285	28338776	28597010	28528024	0.58	cps
Yttrium	89-2	3690152	3687082	3679065	3685433	0.16	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	PB116908BS	Instrumnet Name :	P7
Client Sample ID :	LCS908	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:32:15	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	9460	9977	9673	9703	2.68	cps
Zirconium	90-1	114052	114655	113456	114054	0.53	cps
Zirconium	91-1	25749	25674	25999	25807	0.66	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-01	Instrumnet Name :	P7
Client Sample ID :	METC59	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:35:51	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3926	3801	4151	3959	4.48	cps
Antimony	121-1	8811	8428	9178	8806	4.26	cps
Arsenic	75-2	3373	3441	3297	3370	2.14	cps
Barium	135-1	1014252	1014177	1006917	1011782	0.42	cps
Barium	137-1	1762268	1786030	1751332	1766543	1.00	cps
Beryllium	9-1	227	203	213	214	5.46	cps
Bismuth	209-1	24903011	24625208	24512241	24680153	0.81	cps
Bismuth	209-2	11277288	11163416	11260578	11233760	0.55	cps
Boron	10-1	633478	648581	654373	645477	1.67	cps
Boron	11-1	2984922	3054834	3124404	3054720	2.28	cps
Cadmium	111-1	10546	10868	10925	10780	1.90	cps
Cadmium	106-1	13824	14550	14516	14297	2.87	cps
Cadmium	108-1	717	833	796	782	7.62	cps
Calcium	43-1	15706722	15665399	15356787	15576302	1.23	cps
Calcium	44-1	254256531	252263147	249218056	251912578	1.01	cps
Chromium	52-2	16056	14814	13837	14902	7.46	cps
Cobalt	59-2	16049	16193	16136	16126	0.45	cps
Copper	63-2	20264	19944	19680	19963	1.47	cps
Dysprosium	156-1	150	58	142	117	43.45	cps
Dysprosium	156-2	43	27	40	37	24.04	cps
Erbium	164-1	167	167	208	181	13.33	cps
Erbium	164-2	37	90	90	72	42.63	cps
Gadolinium	160-1	250	333	383	322	20.90	cps
Gadolinium	160-2	537	533	537	536	0.36	cps
Holmium	165-1	40616505	40463771	40333890	40471389	0.35	cps
Holmium	165-2	17207442	17085647	16907581	17066890	0.88	cps
Indium	115-1	29546534	29373275	28988198	29302669	0.98	cps
Indium	115-2	4835794	4838099	4844451	4839448	0.09	cps
Iron	56-2	1859695	1847647	1836384	1847909	0.63	cps
Iron	57-2	124832	122877	123763	123824	0.79	cps
Krypton	83-1	1117	1220	1017	1118	9.10	cps
Lead	206-1	29790	28882	26043	28238	6.92	cps
Lead	207-1	25119	24568	22831	24173	4.94	cps
Lead	208-1	117429	111439	104693	111187	5.73	cps
Lithium	6-1	9712112	9673601	9649797	9678504	0.32	cps
Magnesium	24-2	38713606	38497816	38407926	38539783	0.41	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-01	Instrumnet Name :	P7
Client Sample ID :	METC59	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:35:51	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	688889	690801	684255	687981	0.49	cps
Molybdenum	94-1	795909	794881	790118	793636	0.39	cps
Molybdenum	95-1	1415182	1411192	1387856	1404743	1.05	cps
Molybdenum	96-1	1493990	1510242	1496349	1500194	0.59	cps
Molybdenum	97-1	879385	878937	867852	875391	0.75	cps
Molybdenum	98-1	2254968	2271445	2259574	2261996	0.38	cps
Neodymium	150-1	167	133	187	162	16.61	cps
Neodymium	150-2	13	20	17	17	20.01	cps
Nickel	60-2	72569	72347	72073	72330	0.34	cps
Phosphorus	31-2	3200	3426	3417	3348	3.81	cps
Potassium	39-2	4027629	3974454	4002698	4001594	0.66	cps
Rhodium	103-1	26393646	26308911	26050471	26251010	0.68	cps
Rhodium	103-2	11363387	11318215	11243909	11308504	0.53	cps
Scandium	45-1	19940293	19717700	19778133	19812042	0.58	cps
Scandium	45-2	777078	777282	775254	776538	0.14	cps
Selenium	77-2	53	43	37	44	18.87	cps
Selenium	78-2	246	191	243	227	13.71	cps
Selenium	82-1	1053	1149	1235	1146	7.98	cps
Silicon	28-1	167845779	168542891	167669054	168019241	0.27	cps
Silver	109-1	5493	7052	7869	6805	17.74	cps
Silver	107-1	5785	7511	8686	7327	19.92	cps
Sodium	23-2	110774511	110243323	110381990	110466608	0.25	cps
Strontium	86-1	4313119	4318645	4288126	4306630	0.38	cps
Strontium	88-1	38321132	37908975	37868925	38033011	0.66	cps
Sulfur	34-1	6870406	6890631	6817105	6859381	0.55	cps
Terbium	159-1	41151899	40983115	40898061	41011025	0.32	cps
Terbium	159-2	16791117	16748803	16680324	16740081	0.33	cps
Thallium	203-1	10146	13132	14283	12520	17.05	cps
Thallium	205-1	24874	31388	33627	29963	15.18	cps
Thorium	232-1	1339	1222	1045	1202	12.34	cps
Tin	118-1	9237	8912	8828	8992	2.40	cps
Titanium	47-1	5018	4701	5201	4973	5.09	cps
Uranium	238-1	895318	884064	880394	886592	0.88	cps
Vanadium	51-2	2194	2334	2314	2280	3.32	cps
Yttrium	89-1	29854690	29619781	29373660	29616044	0.81	cps
Yttrium	89-2	3649533	3633284	3647007	3643275	0.24	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-01	Instrumnet Name :	P7
Client Sample ID :	METC59	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:35:51	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	49373	49337	48888	49199	0.55	cps
Zirconium	90-1	6543	6352	6410	6435	1.53	cps
Zirconium	91-1	1258	1408	1458	1375	7.57	cps

LB Number : LB100757 Operator : Jaswal
 Lab Sample ID : K1398-02 Instrumnet Name : P7
 Client Sample ID : METC60 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-08 18:39:33 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2584	2742	2750	2692	3.49	cps
Antimony	121-1	7786	7152	7127	7355	5.08	cps
Arsenic	75-2	3084	3280	3032	3132	4.18	cps
Barium	135-1	968762	955723	952995	959160	0.88	cps
Barium	137-1	1698998	1684616	1660275	1681296	1.16	cps
Beryllium	9-1	213	213	213	213	0.00	cps
Bismuth	209-1	23900266	23760530	23594273	23751690	0.64	cps
Bismuth	209-2	10923892	10821630	10813632	10853051	0.57	cps
Boron	10-1	635027	646152	640710	640630	0.87	cps
Boron	11-1	2978942	3031157	2985196	2998432	0.95	cps
Cadmium	111-1	9891	10107	9763	9920	1.75	cps
Cadmium	106-1	13173	13457	13157	13262	1.27	cps
Cadmium	108-1	692	817	817	775	9.31	cps
Calcium	43-1	14747922	14631393	14550815	14643376	0.68	cps
Calcium	44-1	239348722	235916880	235693455	236986353	0.86	cps
Chromium	52-2	10300	9997	9600	9966	3.52	cps
Cobalt	59-2	15185	15218	14537	14980	2.56	cps
Copper	63-2	19423	19627	19623	19558	0.60	cps
Dysprosium	156-1	75	125	83	94	28.37	cps
Dysprosium	156-2	43	60	70	58	23.32	cps
Erbium	164-1	158	192	242	197	21.27	cps
Erbium	164-2	57	70	67	64	10.76	cps
Gadolinium	160-1	342	350	275	322	12.76	cps
Gadolinium	160-2	580	517	430	509	14.80	cps
Holmium	165-1	39214044	39001807	38671589	38962480	0.70	cps
Holmium	165-2	16579871	16475047	16418346	16491088	0.50	cps
Indium	115-1	28144127	27969243	27597445	27903605	1.00	cps
Indium	115-2	4649761	4648146	4607970	4635293	0.51	cps
Iron	56-2	1728066	1719999	1723859	1723975	0.23	cps
Iron	57-2	114549	116077	115669	115432	0.69	cps
Krypton	83-1	1127	1030	1123	1093	5.02	cps
Lead	206-1	22536	22403	22698	22546	0.66	cps
Lead	207-1	19504	19315	19092	19304	1.07	cps
Lead	208-1	87402	87554	87436	87464	0.09	cps
Lithium	6-1	9610248	9491394	9430895	9510846	0.96	cps
Magnesium	24-2	37418530	37369794	37016988	37268437	0.59	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-02	Instrumnet Name :	P7
Client Sample ID :	METC60	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:39:33	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	659014	656647	648323	654661	0.86	cps
Molybdenum	94-1	757352	756574	748580	754169	0.64	cps
Molybdenum	95-1	1328703	1334413	1313719	1325612	0.81	cps
Molybdenum	96-1	1417724	1415609	1410206	1414513	0.27	cps
Molybdenum	97-1	827473	829664	820609	825915	0.57	cps
Molybdenum	98-1	2159241	2155922	2125947	2147037	0.85	cps
Neodymium	150-1	127	160	140	142	11.80	cps
Neodymium	150-2	20	10	40	23	65.47	cps
Nickel	60-2	68088	68402	67280	67923	0.85	cps
Phosphorus	31-2	2859	2934	3217	3003	6.29	cps
Potassium	39-2	3820069	3796834	3799223	3805375	0.34	cps
Rhodium	103-1	25203967	24960433	24848311	25004237	0.73	cps
Rhodium	103-2	10962114	10946486	10873814	10927472	0.43	cps
Scandium	45-1	18956475	18724518	18481081	18720691	1.27	cps
Scandium	45-2	734932	739382	736794	737036	0.30	cps
Selenium	77-2	43	37	40	40	8.32	cps
Selenium	78-2	207	215	204	209	2.71	cps
Selenium	82-1	1049	1127	995	1057	6.26	cps
Silicon	28-1	159948587	157630299	156069903	157882930	1.24	cps
Silver	109-1	6277	7811	8011	7366	12.88	cps
Silver	107-1	7027	7669	7869	7522	5.85	cps
Sodium	23-2	106055763	105998179	107121752	106391898	0.59	cps
Strontium	86-1	4086676	4071191	4043835	4067234	0.53	cps
Strontium	88-1	36395854	35975994	35644008	36005285	1.05	cps
Sulfur	34-1	6548720	6520764	6486621	6518702	0.48	cps
Terbium	159-1	39494094	39435783	39160587	39363488	0.45	cps
Terbium	159-2	16317444	16152369	16210052	16226622	0.52	cps
Thallium	203-1	7819	8603	9545	8656	9.98	cps
Thallium	205-1	18589	21084	22228	20634	9.02	cps
Thorium	232-1	778	800	772	783	1.88	cps
Tin	118-1	7502	7928	7611	7680	2.88	cps
Titanium	47-1	5018	4684	4751	4818	3.66	cps
Uranium	238-1	858403	861150	863782	861112	0.31	cps
Vanadium	51-2	2260	2300	2284	2281	0.88	cps
Yttrium	89-1	28380990	28273235	27709869	28121364	1.28	cps
Yttrium	89-2	3474693	3463796	3469613	3469368	0.16	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-02	Instrumnet Name :	P7
Client Sample ID :	METC60	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:39:33	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	38802	37789	38003	38198	1.40	cps
Zirconium	90-1	5601	5668	5710	5660	0.97	cps
Zirconium	91-1	1292	1333	1300	1308	1.68	cps

LB Number : LB100757 Operator : Jaswal
 Lab Sample ID : K1398-03 Instrumnet Name : P7
 Client Sample ID : METC60D Dilution Factor : 1
 Date & Time Acquired :: 2019-02-08 18:43:16 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2517	2650	2650	2606	2.96	cps
Antimony	121-1	6318	7002	6994	6771	5.79	cps
Arsenic	75-2	2902	3150	3082	3045	4.21	cps
Barium	135-1	953548	945403	946429	948460	0.47	cps
Barium	137-1	1660232	1646394	1646795	1651141	0.48	cps
Beryllium	9-1	220	183	193	199	9.53	cps
Bismuth	209-1	23650299	22663843	23160793	23158311	2.13	cps
Bismuth	209-2	10632607	10735091	10627499	10665066	0.57	cps
Boron	10-1	627661	634543	642233	634812	1.15	cps
Boron	11-1	2972663	3011194	2999675	2994511	0.66	cps
Cadmium	111-1	10076	9327	9802	9735	3.89	cps
Cadmium	106-1	13223	12264	13132	12873	4.11	cps
Cadmium	108-1	800	696	796	764	7.72	cps
Calcium	43-1	14488738	14283160	14208858	14326919	1.01	cps
Calcium	44-1	234569289	232612222	229807580	232329697	1.03	cps
Chromium	52-2	8859	8886	8809	8852	0.44	cps
Cobalt	59-2	15011	14574	15185	14923	2.11	cps
Copper	63-2	19173	18983	19413	19189	1.12	cps
Dysprosium	156-1	67	125	50	81	48.89	cps
Dysprosium	156-2	40	67	23	43	50.45	cps
Erbium	164-1	158	250	158	189	28.02	cps
Erbium	164-2	40	40	80	53	43.30	cps
Gadolinium	160-1	275	283	317	292	7.56	cps
Gadolinium	160-2	507	470	463	480	4.86	cps
Holmium	165-1	38819951	36926847	37949888	37898895	2.50	cps
Holmium	165-2	16095800	16219283	15974086	16096389	0.76	cps
Indium	115-1	27739089	26691890	27174671	27201883	1.93	cps
Indium	115-2	4484178	4486218	4496672	4489022	0.15	cps
Iron	56-2	1685087	1668222	1671257	1674855	0.54	cps
Iron	57-2	112042	110938	111689	111556	0.51	cps
Krypton	83-1	1070	1117	1157	1115	3.89	cps
Lead	206-1	21507	21796	22097	21800	1.35	cps
Lead	207-1	18419	18335	18591	18449	0.71	cps
Lead	208-1	84268	84139	84116	84174	0.10	cps
Lithium	6-1	9508572	9023463	9227042	9253025	2.63	cps
Magnesium	24-2	36174612	36396615	36217506	36262911	0.32	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-03	Instrumnet Name :	P7
Client Sample ID :	METC60D	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:43:16	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	635566	632391	632137	633365	0.30	cps
Molybdenum	94-1	732459	736694	738981	736045	0.45	cps
Molybdenum	95-1	1293321	1294937	1291120	1293126	0.15	cps
Molybdenum	96-1	1396035	1405769	1377273	1393025	1.04	cps
Molybdenum	97-1	815191	810269	802970	809476	0.76	cps
Molybdenum	98-1	2132466	2105839	2078289	2105531	1.29	cps
Neodymium	150-1	127	133	93	118	18.19	cps
Neodymium	150-2	23	10	17	17	39.99	cps
Nickel	60-2	67012	67006	66888	66969	0.10	cps
Phosphorus	31-2	3142	2975	2892	3003	4.24	cps
Potassium	39-2	3659736	3613823	3655536	3643032	0.70	cps
Rhodium	103-1	24790206	23446560	24195190	24143985	2.79	cps
Rhodium	103-2	10565043	10682782	10545153	10597659	0.70	cps
Scandium	45-1	18207156	17564166	18065787	17945703	1.88	cps
Scandium	45-2	716703	715777	710252	714244	0.49	cps
Selenium	77-2	37	27	37	33	17.32	cps
Selenium	78-2	194	204	219	206	5.91	cps
Selenium	82-1	958	1024	980	988	3.39	cps
Silicon	28-1	155139728	154019066	151585358	153581384	1.18	cps
Silver	109-1	5768	6460	6869	6366	8.74	cps
Silver	107-1	6135	6919	7369	6807	9.17	cps
Sodium	23-2	103961034	103965077	102277934	103401348	0.94	cps
Strontium	86-1	4008240	4003683	4018467	4010130	0.19	cps
Strontium	88-1	35335024	34964915	35166104	35155348	0.53	cps
Sulfur	34-1	6440384	6376139	6386710	6401078	0.54	cps
Terbium	159-1	39005255	37564766	38584506	38384842	1.93	cps
Terbium	159-2	15776332	15876317	15859753	15837467	0.34	cps
Thallium	203-1	5360	6002	6043	5802	6.61	cps
Thallium	205-1	12573	14417	15385	14125	10.11	cps
Thorium	232-1	672	728	694	698	4.01	cps
Tin	118-1	6877	7336	7252	7155	3.41	cps
Titanium	47-1	4434	4734	4759	4643	3.90	cps
Uranium	238-1	874119	863376	858370	865288	0.93	cps
Vanadium	51-2	2384	2357	2394	2378	0.80	cps
Yttrium	89-1	27524458	26325110	27148465	26999344	2.27	cps
Yttrium	89-2	3350519	3364959	3336965	3350814	0.42	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-03	Instrumnet Name :	P7
Client Sample ID :	METC60D	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 18:43:16	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	37863	37361	37154	37459	0.97	cps
Zirconium	90-1	5451	5551	5768	5590	2.90	cps
Zirconium	91-1	1367	1158	1292	1272	8.29	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-02LX5	Instrumnet Name :	P7
Client Sample ID :	METC60L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-08 18:46:58	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	717	475	650	614	20.33	cps
Antimony	121-1	1242	1142	1217	1200	4.34	cps
Arsenic	75-2	569	519	557	548	4.79	cps
Barium	135-1	172474	174262	170761	172499	1.02	cps
Barium	137-1	302847	304066	300019	302311	0.69	cps
Beryllium	9-1	157	193	167	172	11.01	cps
Bismuth	209-1	22748915	22800677	26863572	24137721	9.78	cps
Bismuth	209-2	10663370	10442669	10605604	10570548	1.08	cps
Boron	10-1	143426	146166	142232	143942	1.40	cps
Boron	11-1	668534	676092	658363	667663	1.33	cps
Cadmium	111-1	8968	8231	9874	9024	9.12	cps
Cadmium	106-1	12565	11572	13949	12695	9.41	cps
Cadmium	108-1	158	213	213	194	16.08	cps
Calcium	43-1	2607849	2608937	2594607	2603798	0.31	cps
Calcium	44-1	42441558	42178600	41102467	41907542	1.69	cps
Chromium	52-2	9640	9850	10080	9857	2.23	cps
Cobalt	59-2	2737	2737	2834	2769	2.02	cps
Copper	63-2	6778	7025	6805	6869	1.97	cps
Dysprosium	156-1	17	8	50	25	88.19	cps
Dysprosium	156-2	23	13	20	19	26.96	cps
Erbium	164-1	192	108	117	139	33.05	cps
Erbium	164-2	37	80	40	52	46.17	cps
Gadolinium	160-1	217	292	392	300	29.27	cps
Gadolinium	160-2	477	520	450	482	7.33	cps
Holmium	165-1	34806132	34625607	41342302	36924680	10.36	cps
Holmium	165-2	15103113	14922373	15200879	15075455	0.94	cps
Indium	115-1	25101056	25142994	30262343	26835464	11.06	cps
Indium	115-2	4248577	4184188	4253786	4228850	0.92	cps
Iron	56-2	322205	321996	317762	320654	0.78	cps
Iron	57-2	20465	19719	20242	20142	1.90	cps
Krypton	83-1	933	1107	913	984	10.80	cps
Lead	206-1	6863	7202	7219	7095	2.83	cps
Lead	207-1	5840	6213	6263	6105	3.78	cps
Lead	208-1	27468	28491	28124	28027	1.85	cps
Lithium	6-1	8582726	8617612	9763865	8988068	7.48	cps
Magnesium	24-2	6695087	6695757	6535993	6642279	1.39	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-02LX5	Instrumnet Name :	P7
Client Sample ID :	METC60L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-08 18:46:58	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	118909	118493	116628	118010	1.03	cps
Molybdenum	94-1	134376	132442	134142	133653	0.79	cps
Molybdenum	95-1	237543	234558	232275	234792	1.13	cps
Molybdenum	96-1	254693	251130	246791	250871	1.58	cps
Molybdenum	97-1	148189	145713	143657	145853	1.56	cps
Molybdenum	98-1	382253	384279	374751	380428	1.32	cps
Neodymium	150-1	47	40	47	44	8.66	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	12873	12549	12369	12597	2.03	cps
Phosphorus	31-2	1092	1158	1233	1161	6.10	cps
Potassium	39-2	683729	690838	680102	684890	0.80	cps
Rhodium	103-1	22949616	22888676	27358402	24398898	10.51	cps
Rhodium	103-2	10162778	10026927	10341713	10177139	1.55	cps
Scandium	45-1	16174682	16126234	19242155	17181024	10.39	cps
Scandium	45-2	649087	636579	657839	647835	1.65	cps
Selenium	77-2	3	10	10	8	49.52	cps
Selenium	78-2	91	106	120	106	14.04	cps
Selenium	82-1	358	193	330	294	29.99	cps
Silicon	28-1	27756198	27816457	27336557	27636404	0.95	cps
Silver	109-1	2200	1975	2234	2136	6.58	cps
Silver	107-1	2325	2134	2350	2270	5.22	cps
Sodium	23-2	18901201	18948675	18567682	18805853	1.10	cps
Strontium	86-1	724087	733894	711850	723277	1.53	cps
Strontium	88-1	6456172	6420126	6283403	6386567	1.43	cps
Sulfur	34-1	2216955	2209083	2210336	2212125	0.19	cps
Terbium	159-1	34840071	34853447	42183634	37292384	11.36	cps
Terbium	159-2	14882446	14578973	14909481	14790300	1.24	cps
Thallium	203-1	2159	2125	1892	2059	7.06	cps
Thallium	205-1	5059	4834	4826	4907	2.70	cps
Thorium	232-1	561	506	694	587	16.54	cps
Tin	118-1	2942	2850	2600	2798	6.32	cps
Titanium	47-1	1208	967	1092	1089	11.10	cps
Uranium	238-1	159283	160333	152614	157410	2.66	cps
Vanadium	51-2	620	587	613	607	2.91	cps
Yttrium	89-1	24748417	24726376	29375466	26283420	10.19	cps
Yttrium	89-2	3092435	3049037	3134972	3092148	1.39	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-02LX5	Instrumnet Name :	P7
Client Sample ID :	METC60L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-08 18:46:58	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7532	7382	7692	7535	2.06	cps
Zirconium	90-1	2134	2292	2542	2323	8.87	cps
Zirconium	91-1	400	492	525	472	13.71	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-04	Instrumnet Name :	P7
Client Sample ID :	METC60S	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 19:12:55	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	822201	824348	812996	819848	0.74	cps
Antimony	121-1	3554760	3582172	3567945	3568293	0.38	cps
Arsenic	75-2	54727	53914	54342	54327	0.75	cps
Barium	135-1	19764548	19689195	19677822	19710522	0.24	cps
Barium	137-1	34953795	34566061	34675110	34731655	0.58	cps
Beryllium	9-1	577828	577557	575302	576896	0.24	cps
Bismuth	209-1	24262075	24101335	21398531	23253980	6.92	cps
Bismuth	209-2	10850002	10752676	10704133	10768937	0.69	cps
Boron	10-1	575117	585746	591365	584076	1.41	cps
Boron	11-1	2723817	2780994	2764586	2756466	1.07	cps
Cadmium	111-1	605504	609130	606877	607170	0.30	cps
Cadmium	106-1	64532	64330	63494	64119	0.86	cps
Cadmium	108-1	41310	41494	42811	41872	1.95	cps
Calcium	43-1	13888090	13665228	13706637	13753319	0.86	cps
Calcium	44-1	224368338	223309530	224294097	223990655	0.26	cps
Chromium	52-2	2276002	2260669	2263203	2266624	0.36	cps
Cobalt	59-2	9746900	9727630	9586756	9687095	0.90	cps
Copper	63-2	3511011	3515707	3508684	3511800	0.10	cps
Dysprosium	156-1	258	292	283	278	6.24	cps
Dysprosium	156-2	250	273	233	252	7.97	cps
Erbium	164-1	150	175	108	144	23.32	cps
Erbium	164-2	80	47	57	61	27.99	cps
Gadolinium	160-1	192	275	192	219	21.92	cps
Gadolinium	160-2	550	520	553	541	3.39	cps
Holmium	165-1	39814845	39432735	35300736	38182772	6.56	cps
Holmium	165-2	16571185	16474059	16239489	16428244	1.04	cps
Indium	115-1	27879810	27533775	24761809	26725131	6.39	cps
Indium	115-2	4520469	4524609	4511485	4518854	0.15	cps
Iron	56-2	11554389	11408757	11331163	11431436	0.99	cps
Iron	57-2	351110	350140	348236	349829	0.42	cps
Krypton	83-1	957	993	1083	1011	6.45	cps
Lead	206-1	725376	731290	732286	729650	0.51	cps
Lead	207-1	646278	653888	650852	650339	0.59	cps
Lead	208-1	2897750	2931988	2912448	2914062	0.59	cps
Lithium	6-1	9187505	9097099	8150680	8811761	6.52	cps
Magnesium	24-2	34480650	34293277	33759940	34177956	1.09	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-04	Instrumnet Name :	P7
Client Sample ID :	METC60S	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 19:12:55	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4045080	4011071	3990203	4015451	0.69	cps
Molybdenum	94-1	2983683	2982731	3024744	2997052	0.80	cps
Molybdenum	95-1	5287171	5296045	5341583	5308267	0.55	cps
Molybdenum	96-1	5707526	5670812	5713129	5697155	0.40	cps
Molybdenum	97-1	3284641	3268793	3290665	3281366	0.34	cps
Molybdenum	98-1	8623248	8531399	8523681	8559443	0.65	cps
Neodymium	150-1	1847	1760	1814	1807	2.42	cps
Neodymium	150-2	100	100	110	103	5.59	cps
Nickel	60-2	2647684	2641253	2621120	2636686	0.53	cps
Phosphorus	31-2	2867	2734	2867	2823	2.73	cps
Potassium	39-2	3504177	3481307	3443723	3476402	0.88	cps
Rhodium	103-1	24904234	24731916	21903340	23846497	7.07	cps
Rhodium	103-2	10699074	10657462	10608228	10654921	0.43	cps
Scandium	45-1	18045252	18128046	16132530	17435276	6.48	cps
Scandium	45-2	705042	701017	695397	700485	0.69	cps
Selenium	77-2	6048	5978	6231	6086	2.15	cps
Selenium	78-2	20485	20249	20617	20450	0.91	cps
Selenium	82-1	153470	155716	151472	153552	1.38	cps
Silicon	28-1	145596174	147050520	146014182	146220292	0.51	cps
Silver	109-1	2521433	2531047	2536428	2529636	0.30	cps
Silver	107-1	2602926	2631597	2618979	2617834	0.55	cps
Sodium	23-2	98587683	97302083	96837217	97575661	0.93	cps
Strontium	86-1	3915093	3952785	3933660	3933846	0.48	cps
Strontium	88-1	34502718	34680365	34546116	34576400	0.27	cps
Sulfur	34-1	6033424	6024830	5999406	6019220	0.29	cps
Terbium	159-1	39856588	39669125	35431388	38319034	6.53	cps
Terbium	159-2	16169322	15980338	15887943	16012534	0.90	cps
Thallium	203-1	2270224	2299015	2292323	2287187	0.66	cps
Thallium	205-1	5495858	5534163	5508279	5512767	0.35	cps
Thorium	232-1	694	661	611	656	6.40	cps
Tin	118-1	7736	7569	7602	7636	1.16	cps
Titanium	47-1	4476	4909	4409	4598	5.91	cps
Uranium	238-1	869678	866097	871643	869139	0.32	cps
Vanadium	51-2	4441285	4435675	4423546	4433502	0.20	cps
Yttrium	89-1	27840029	27712791	24844502	26799107	6.32	cps
Yttrium	89-2	3375588	3366945	3364839	3369124	0.17	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-04	Instrumnet Name :	P7
Client Sample ID :	METC60S	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 19:12:55	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1161297	1155618	1153230	1156715	0.36	cps
Zirconium	90-1	5993	5635	5460	5696	4.78	cps
Zirconium	91-1	1784	1900	1617	1767	8.06	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-02A	Instrumnet Name :	P7
Client Sample ID :	METC60A	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 19:17:13	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2667	2592	2834	2698	4.59	cps
Antimony	121-1	6902	6835	7344	7027	3.93	cps
Arsenic	75-2	2837	2950	2824	2871	2.41	cps
Barium	135-1	949411	951749	946935	949365	0.25	cps
Barium	137-1	1661921	1674594	1665150	1667222	0.39	cps
Beryllium	9-1	210	207	197	204	3.39	cps
Bismuth	209-1	23918938	23855902	23639185	23804675	0.62	cps
Bismuth	209-2	10733359	10658155	10623383	10671632	0.53	cps
Boron	10-1	579483	601399	600073	593652	2.07	cps
Boron	11-1	2749666	2820972	2847492	2806043	1.80	cps
Cadmium	111-1	9119	9661	8944	9242	4.04	cps
Cadmium	106-1	12047	13123	11905	12359	5.39	cps
Cadmium	108-1	663	763	729	718	7.09	cps
Calcium	43-1	14033631	13968516	13767734	13923294	1.00	cps
Calcium	44-1	228389622	226654805	223981913	226342113	0.98	cps
Chromium	52-2	7652	7422	7685	7587	1.89	cps
Cobalt	59-2	14564	14177	14447	14396	1.38	cps
Copper	63-2	16022	16530	16029	16194	1.80	cps
Dysprosium	156-1	108	50	125	94	41.70	cps
Dysprosium	156-2	60	57	33	50	29.06	cps
Erbium	164-1	158	208	150	172	18.32	cps
Erbium	164-2	70	63	73	69	7.39	cps
Gadolinium	160-1	200	242	358	267	30.78	cps
Gadolinium	160-2	477	507	433	472	7.81	cps
Holmium	165-1	39112063	39272426	38256003	38880164	1.41	cps
Holmium	165-2	16216422	16249059	16081698	16182393	0.55	cps
Indium	115-1	27823998	27566661	27075848	27488836	1.38	cps
Indium	115-2	4434474	4438818	4439024	4437439	0.06	cps
Iron	56-2	1616369	1614154	1627235	1619253	0.43	cps
Iron	57-2	104800	103989	105779	104856	0.85	cps
Krypton	83-1	1020	970	1010	1000	2.65	cps
Lead	206-1	19810	21050	19821	20227	3.53	cps
Lead	207-1	17173	16516	17295	16995	2.46	cps
Lead	208-1	78281	79763	79067	79037	0.94	cps
Lithium	6-1	9055054	9069933	8898587	9007858	1.05	cps
Magnesium	24-2	34729503	34309289	34095108	34377967	0.94	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-02A	Instrumnet Name :	P7
Client Sample ID :	METC60A	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 19:17:13	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	612197	615052	615816	614355	0.31	cps
Molybdenum	94-1	740919	738646	735857	738474	0.34	cps
Molybdenum	95-1	1291946	1290273	1288277	1290165	0.14	cps
Molybdenum	96-1	1389352	1385316	1390943	1388537	0.21	cps
Molybdenum	97-1	811289	804924	809528	808581	0.41	cps
Molybdenum	98-1	2100969	2101876	2082125	2094990	0.53	cps
Neodymium	150-1	153	153	140	149	5.17	cps
Neodymium	150-2	10	37	23	23	57.15	cps
Nickel	60-2	64602	64585	64448	64545	0.13	cps
Phosphorus	31-2	2534	2592	2934	2686	8.04	cps
Potassium	39-2	3492693	3496670	3490326	3493230	0.09	cps
Rhodium	103-1	24746043	24553680	24029968	24443230	1.52	cps
Rhodium	103-2	10638499	10509851	10362850	10503733	1.31	cps
Scandium	45-1	18077568	17799481	17643807	17840285	1.23	cps
Scandium	45-2	690925	689818	694055	691600	0.32	cps
Selenium	77-2	380	403	440	408	7.42	cps
Selenium	78-2	1352	1448	1396	1399	3.45	cps
Selenium	82-1	10590	10767	10449	10602	1.50	cps
Silicon	28-1	148403170	147851903	145097787	147117620	1.20	cps
Silver	109-1	2850	3251	3534	3212	10.69	cps
Silver	107-1	3184	3601	3684	3489	7.68	cps
Sodium	23-2	98793392	98275729	98805952	98625024	0.31	cps
Strontium	86-1	3958910	3955656	3916900	3943822	0.59	cps
Strontium	88-1	35217448	34883199	34545475	34882040	0.96	cps
Sulfur	34-1	6144333	6106714	6047158	6099402	0.80	cps
Terbium	159-1	39459037	39535892	38608670	39201200	1.31	cps
Terbium	159-2	15919348	15816113	15797251	15844237	0.41	cps
Thallium	203-1	2509	2467	2250	2409	5.76	cps
Thallium	205-1	6027	6202	6252	6160	1.92	cps
Thorium	232-1	422	372	444	413	8.96	cps
Tin	118-1	7511	6694	6802	7002	6.34	cps
Titanium	47-1	4209	4234	4493	4312	3.64	cps
Uranium	238-1	873228	865571	872829	870543	0.50	cps
Vanadium	51-2	2387	2187	2317	2297	4.42	cps
Yttrium	89-1	27570735	27439406	27124093	27378078	0.84	cps
Yttrium	89-2	3344494	3307151	3266413	3306019	1.18	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	K1398-02A	Instrumnet Name :	P7
Client Sample ID :	METC60A	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 19:17:13	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	36543	36669	36964	36725	0.59	cps
Zirconium	90-1	5051	5126	5235	5137	1.79	cps
Zirconium	91-1	1117	1300	1067	1161	10.58	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	CCV091	Instrumnet Name :	P7
Client Sample ID :	CCV091	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 19:21:06	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19273124	19572938	19560934	19468999	0.87	cps
Antimony	121-1	12716694	12879115	13019963	12871924	1.18	cps
Arsenic	75-2	451286	459585	461164	457345	1.16	cps
Barium	135-1	18522367	18512890	18816713	18617323	0.93	cps
Barium	137-1	32469868	32520553	33079400	32689940	1.03	cps
Beryllium	9-1	3996398	3989780	4006832	3997670	0.22	cps
Bismuth	209-1	18297937	18612531	19000948	18637139	1.89	cps
Bismuth	209-2	8738873	8840362	8872699	8817311	0.79	cps
Boron	10-1	927743	951399	966659	948600	2.07	cps
Boron	11-1	4480671	4502685	4624733	4536029	1.71	cps
Cadmium	111-1	4086806	4152365	4202953	4147375	1.40	cps
Cadmium	106-1	483608	488514	486820	486314	0.51	cps
Cadmium	108-1	324717	328846	331216	328260	1.00	cps
Calcium	43-1	24405464	24974203	25194193	24857953	1.64	cps
Calcium	44-1	400130734	405792167	409656259	405193054	1.18	cps
Chromium	52-2	4684897	4758204	4771343	4738148	0.98	cps
Cobalt	59-2	7879346	7969791	8039014	7962717	1.01	cps
Copper	63-2	11742052	11871367	11870741	11828053	0.63	cps
Dysprosium	156-1	533	475	458	489	8.06	cps
Dysprosium	156-2	353	297	330	327	8.72	cps
Erbium	164-1	133	250	100	161	48.89	cps
Erbium	164-2	77	37	50	54	37.41	cps
Gadolinium	160-1	408	258	417	361	24.68	cps
Gadolinium	160-2	577	583	510	557	7.28	cps
Holmium	165-1	33203533	34100861	34290635	33865010	1.71	cps
Holmium	165-2	14853991	14899192	14973919	14909034	0.41	cps
Indium	115-1	22306478	22881385	23233315	22807059	2.05	cps
Indium	115-2	3932208	4023680	4022771	3992886	1.32	cps
Iron	56-2	1007767289	1015446889	1013006423	1012073534	0.39	cps
Iron	57-2	25105747	25493508	25468195	25355817	0.86	cps
Krypton	83-1	1050	1067	1097	1071	2.21	cps
Lead	206-1	13217283	13188437	13355090	13253603	0.67	cps
Lead	207-1	11681402	11778727	11905868	11788665	0.95	cps
Lead	208-1	52811928	52978648	53806276	53198950	1.00	cps
Lithium	6-1	7133245	7316934	7327130	7259103	1.50	cps
Magnesium	24-2	201818830	202848867	204013730	202893809	0.54	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	CCV091	Instrumnet Name :	P7
Client Sample ID :	CCV091	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 19:21:06	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5714412	5826124	5787329	5775955	0.98	cps
Molybdenum	94-1	31374822	32097868	32104917	31859202	1.32	cps
Molybdenum	95-1	39707140	40289195	40681745	40226027	1.22	cps
Molybdenum	96-1	44301594	44922033	45404058	44875895	1.23	cps
Molybdenum	97-1	24732736	25022865	25330026	25028542	1.19	cps
Molybdenum	98-1	64081764	64801922	65519422	64801036	1.11	cps
Neodymium	150-1	1967	2060	2060	2029	2.66	cps
Neodymium	150-2	227	233	197	219	8.92	cps
Nickel	60-2	1994961	2024513	2032280	2017251	0.98	cps
Phosphorus	31-2	205541	205464	207347	206117	0.52	cps
Potassium	39-2	87520371	88073608	89089223	88227734	0.90	cps
Rhodium	103-1	19516015	20016351	20349130	19960499	2.10	cps
Rhodium	103-2	9024141	9151950	9208336	9128142	1.03	cps
Scandium	45-1	15096318	15538598	15803970	15479628	2.31	cps
Scandium	45-2	654737	669773	670025	664845	1.32	cps
Selenium	77-2	15515	15191	15659	15455	1.55	cps
Selenium	78-2	50566	50833	51600	51000	1.05	cps
Selenium	82-1	354527	360469	362571	359189	1.16	cps
Silicon	28-1	10553551	10849835	11175251	10859546	2.86	cps
Silver	109-1	19001033	19126919	19272483	19133478	0.71	cps
Silver	107-1	19855751	19993884	20171784	20007140	0.79	cps
Sodium	23-2	382774967	389681134	386266150	386240750	0.89	cps
Strontium	86-1	5725559	5840282	5876555	5814132	1.36	cps
Strontium	88-1	50497220	50955841	51901312	51118124	1.40	cps
Sulfur	34-1	2753387	2788946	2806513	2782949	0.97	cps
Terbium	159-1	33305885	34113976	34352725	33924196	1.62	cps
Terbium	159-2	14379915	14688734	14806232	14624960	1.51	cps
Thallium	203-1	17100920	17132605	17153947	17129157	0.16	cps
Thallium	205-1	40982511	41297772	41480769	41253684	0.61	cps
Thorium	232-1	59973293	60443403	60833389	60416695	0.71	cps
Tin	118-1	12906600	13000391	13151275	13019422	0.95	cps
Titanium	47-1	11492504	11711482	11762735	11655574	1.23	cps
Uranium	238-1	59034472	59032892	59228229	59098531	0.19	cps
Vanadium	51-2	3743061	3785974	3786562	3771865	0.66	cps
Yttrium	89-1	23237781	23645224	24142217	23675074	1.91	cps
Yttrium	89-2	3093037	3150059	3187869	3143655	1.52	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	CCV091	Instrumnet Name :	P7
Client Sample ID :	CCV091	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 19:21:06	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1761659	1788848	1787127	1779211	0.86	cps
Zirconium	90-1	24558583	24917070	25174957	24883537	1.24	cps
Zirconium	91-1	5482900	5559345	5588257	5543500	0.98	cps

LB Number : LB100757 Operator : Jaswal
 Lab Sample ID : CCB091 Instrumnet Name : P7
 Client Sample ID : CCB091 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-08 19:25:38 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	650	592	500	581	13.02	cps
Antimony	121-1	2975	2942	3317	3078	6.74	cps
Arsenic	75-2	31	59	20	37	54.09	cps
Barium	135-1	775	583	583	647	17.10	cps
Barium	137-1	1050	1083	1158	1097	5.06	cps
Beryllium	9-1	377	373	420	390	6.68	cps
Bismuth	209-1	24453620	24628751	24558105	24546825	0.36	cps
Bismuth	209-2	11695779	11679105	11587849	11654244	0.50	cps
Boron	10-1	31425	30682	30056	30721	2.23	cps
Boron	11-1	143771	140483	135875	140043	2.83	cps
Cadmium	111-1	9047	9104	8908	9019	1.12	cps
Cadmium	106-1	12523	12623	12281	12475	1.41	cps
Cadmium	108-1	75	46	38	53	37.31	cps
Calcium	43-1	1217	1133	1258	1203	5.29	cps
Calcium	44-1	40503	39131	37579	39071	3.74	cps
Chromium	52-2	5051	5081	5161	5098	1.12	cps
Cobalt	59-2	333	367	287	329	12.22	cps
Copper	63-2	4698	4547	4651	4632	1.66	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	125	100	100	108	13.33	cps
Erbium	164-2	77	37	50	54	37.41	cps
Gadolinium	160-1	167	258	225	217	21.41	cps
Gadolinium	160-2	373	473	423	423	11.81	cps
Holmium	165-1	37316847	36733125	37106638	37052203	0.80	cps
Holmium	165-2	16357251	16273213	16329450	16319971	0.26	cps
Indium	115-1	27292337	27581193	27467632	27447054	0.53	cps
Indium	115-2	4622324	4688365	4628082	4646257	0.79	cps
Iron	56-2	37571	37265	36557	37131	1.40	cps
Iron	57-2	900	817	961	893	8.12	cps
Krypton	83-1	1057	967	1093	1039	6.27	cps
Lead	206-1	4223	3878	4117	4073	4.33	cps
Lead	207-1	3756	3578	3645	3660	2.45	cps
Lead	208-1	16377	16366	16349	16364	0.09	cps
Lithium	6-1	8435164	8493775	8440259	8456399	0.38	cps
Magnesium	24-2	5218	5101	5410	5243	2.97	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	CCB091	Instrumnet Name :	P7
Client Sample ID :	CCB091	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 19:25:38	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	263	287	337	296	12.68	cps
Molybdenum	94-1	5226	4301	3876	4468	15.46	cps
Molybdenum	95-1	7110	6160	4826	6032	19.02	cps
Molybdenum	96-1	7777	6685	6202	6888	11.72	cps
Molybdenum	97-1	4109	3651	3050	3603	14.73	cps
Molybdenum	98-1	11280	9779	7969	9676	17.13	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	280	297	220	266	15.18	cps
Phosphorus	31-2	800	1100	792	897	19.58	cps
Potassium	39-2	40381	39637	38744	39587	2.07	cps
Rhodium	103-1	25686633	25478567	25450952	25538717	0.50	cps
Rhodium	103-2	11320916	11372965	11310122	11334667	0.30	cps
Scandium	45-1	17458812	17534006	17502280	17498366	0.22	cps
Scandium	45-2	698773	698773	691550	696365	0.60	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	100	133	100	111	17.32	cps
Selenium	82-1	126	210	25	120	76.83	cps
Silicon	28-1	626548	613958	605736	615414	1.70	cps
Silver	109-1	5485	5643	5068	5398	5.50	cps
Silver	107-1	5660	5593	5268	5507	3.81	cps
Sodium	23-2	75566	73865	74804	74745	1.14	cps
Strontium	86-1	1975	1817	1925	1906	4.25	cps
Strontium	88-1	2475	1875	1975	2109	15.25	cps
Sulfur	34-1	849291	847305	842948	846515	0.38	cps
Terbium	159-1	37218412	37524029	37762010	37501484	0.73	cps
Terbium	159-2	16144294	16030050	15989789	16054711	0.50	cps
Thallium	203-1	4576	4326	3851	4251	8.67	cps
Thallium	205-1	11973	10680	9687	10780	10.63	cps
Thorium	232-1	5729	5412	5301	5481	4.05	cps
Tin	118-1	3117	2950	2859	2975	4.40	cps
Titanium	47-1	517	642	492	550	14.61	cps
Uranium	238-1	2059	1959	1667	1895	10.74	cps
Vanadium	51-2	100	90	107	99	8.48	cps
Yttrium	89-1	27047259	26847802	26879500	26924853	0.40	cps
Yttrium	89-2	3373460	3421547	3380137	3391715	0.77	cps

LB Number :	LB100757	Operator :	Jaswal
Lab Sample ID :	CCB091	Instrumnet Name :	P7
Client Sample ID :	CCB091	Dilution Factor :	1
Date & Time Acquired ::	2019-02-08 19:25:38	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	810	883	837	843	4.40	cps
Zirconium	90-1	3000	2675	2617	2764	7.47	cps
Zirconium	91-1	575	558	483	539	9.06	cps