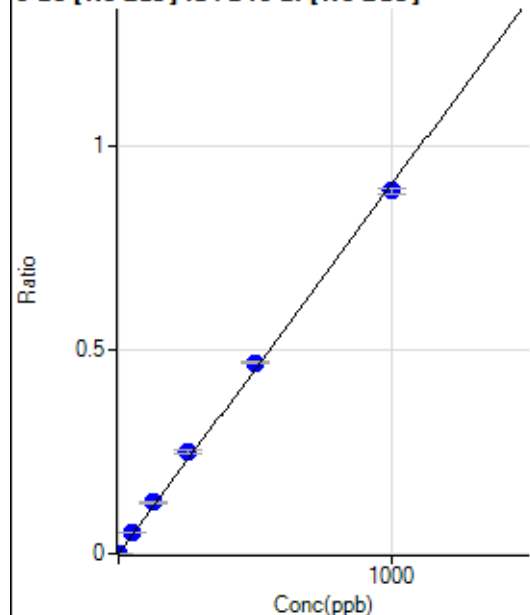


Batch Folder: D:\P8091518MS.b\
Analysis File: P8091518MS.batch.bin
DA Date-Time: 2018-09-18 10:58:18
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-09-17 16:42:15
2			
3	005CALS.d	S02	2018-09-17 16:49:51
4	006CALS.d	S03	2018-09-17 16:53:36
5	007CALS.d	S04	2018-09-17 16:57:21
6	008CALS.d	S05	2018-09-17 17:00:59
7	009CALS.d	S06	2018-09-17 17:04:32
8	010CALS.d	S07	2018-09-17 17:08:00
9	011CALS.d	S08	2018-09-17 17:11:25

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	74.08	0.0001	P	36.2
2	☐	0.100					
3	☐	1.000	1.196	913.03	0.0012	P	9.5
4	☐	50.000	56.329	41333.96	0.0511	P	2.1
5	☐	125.000	139.387	103078.29	0.1264	P	3.5
6	☐	250.000	276.578	204997.22	0.2507	P	4.9
7	☐	500.000	516.302	410863.78	0.4680	P	1.0
8	☐	1000.000	983.090	812941.81	0.8910	P	1.9
9	☐			537.06	0.0006	P	7.5

$$y = 9.0622\text{E-}004 * x + 9.0327\text{E-}005$$

$$R = 0.9994$$

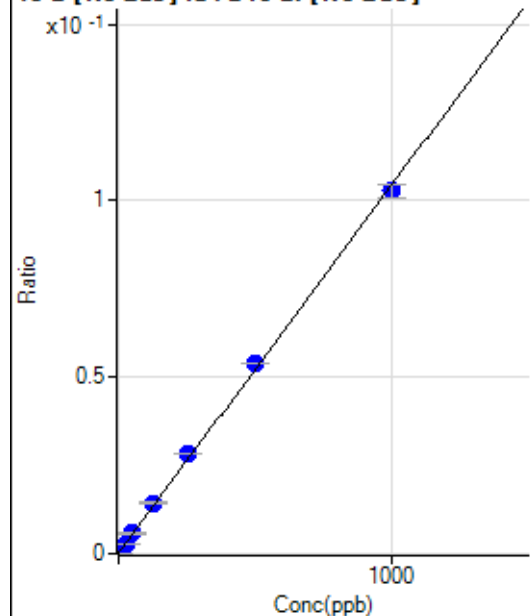
$$DL = 0.1082$$

$$BEC = 0.09967$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.01	0.0002	P	53.1
2	☐	2.500					
3	☐	25.000	25.067	2150.26	0.0028	P	10.1
4	☐	50.000	54.019	4673.21	0.0058	P	6.5
5	☐	125.000	135.562	11652.41	0.0143	P	3.0
6	☐	250.000	270.273	23180.67	0.0283	P	1.2
7	☐	500.000	517.042	47448.74	0.0540	P	0.3
8	☐	1000.000	984.888	93775.21	0.1028	P	4.0
9	☐			5315.10	0.0059	P	1.5

$$y = 1.0422\text{E-}004 * x + 1.5271\text{E-}004$$

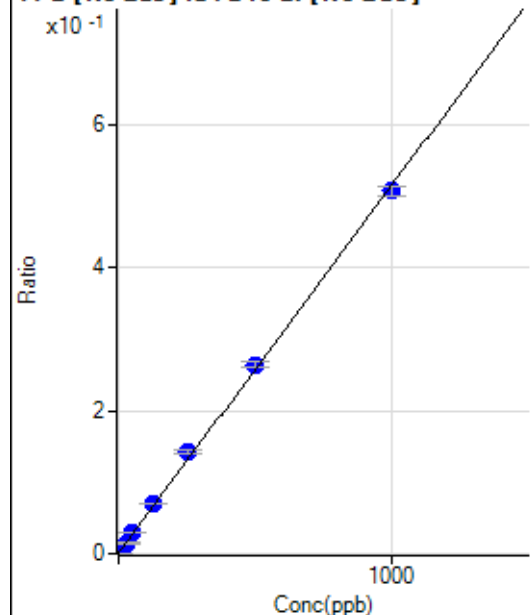
$$R = 0.9995$$

$$DL = 2.332$$

$$BEC = 1.465$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	700.04	0.0009	P	12.4
2	☐	2.500					
3	☐	25.000	26.582	11285.45	0.0145	P	6.4
4	☐	50.000	54.212	23186.20	0.0287	P	2.9
5	☐	125.000	135.505	57452.15	0.0704	P	0.8
6	☐	250.000	274.050	115764.38	0.1415	P	3.5
7	☐	500.000	513.131	232012.52	0.2643	P	2.4
8	☐	1000.000	985.859	462515.80	0.5069	P	2.9
9	☐			25275.94	0.0278	P	1.3

$$y = 5.1334\text{E-}004 * x + 8.5566\text{E-}004$$

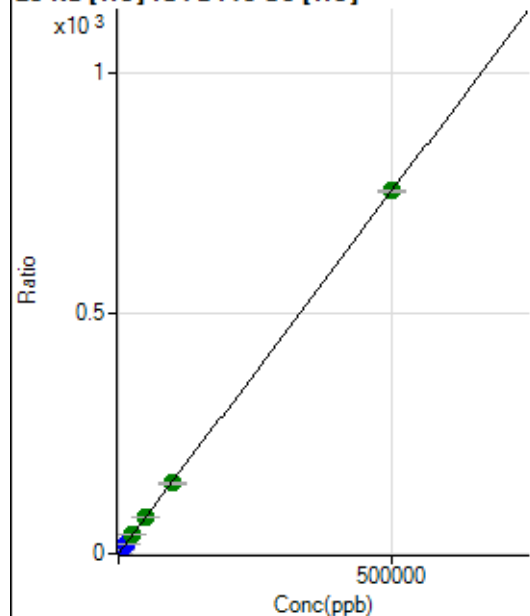
$$R = 0.9995$$

$$DL = 0.6219$$

$$BEC = 1.667$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7746.88	0.1934	P	3.6
2	☐	50.000					
3	☐	500.000	500.184	38466.80	0.9480	P	2.5
4	☐	5000.000	5083.332	314605.99	7.8628	P	0.5
5	☐	12500.000	12961.195	762593.78	19.7486	P	9.1
6	☐	25000.000	25615.988	1492226.32	38.8416	A	2.0
7	☐	50000.000	50546.180	2793770.87	76.4551	A	0.9
8	☐	100000.00	97011.148	5299314.87	146.5593	A	0.6
9	☐	500000.00	500499.99	27912853.05	755.3244	A	0.3

$$y = 0.0015 * x + 0.1934$$

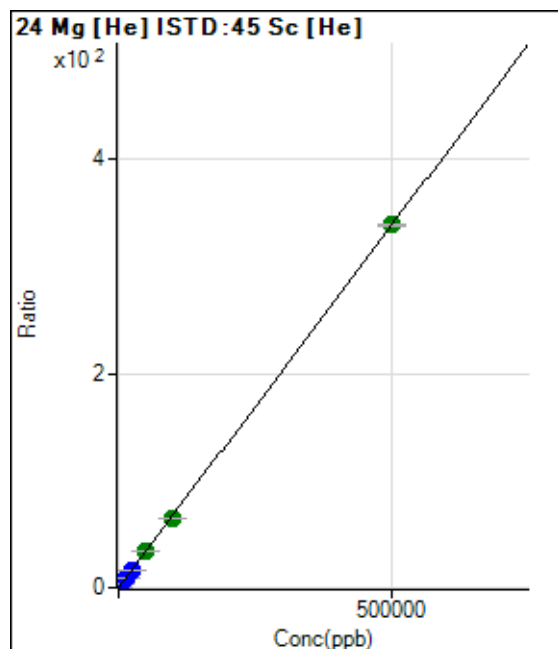
$$R = 1.0000$$

$$DL = 13.86$$

$$BEC = 128.2$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	275.01	0.0068	P	23.4
2	☐	50.000					
3	☐	500.000	476.898	13373.47	0.3296	P	2.2
4	☐	5000.000	5076.696	137731.83	3.4424	P	0.9
5	☐	12500.000	12699.591	332033.69	8.6010	P	9.6
6	☐	25000.000	24719.502	642963.18	16.7353	P	1.6
7	☐	50000.000	50055.738	1238070.13	33.8810	A	0.7
8	☐	100000.00	96223.468	2354767.33	65.1241	A	0.6
9	☐	500000.00	500758.02	12523434.13	338.8844	A	0.4

$$y = 6.7673\text{E-}004 * x + 0.0068$$

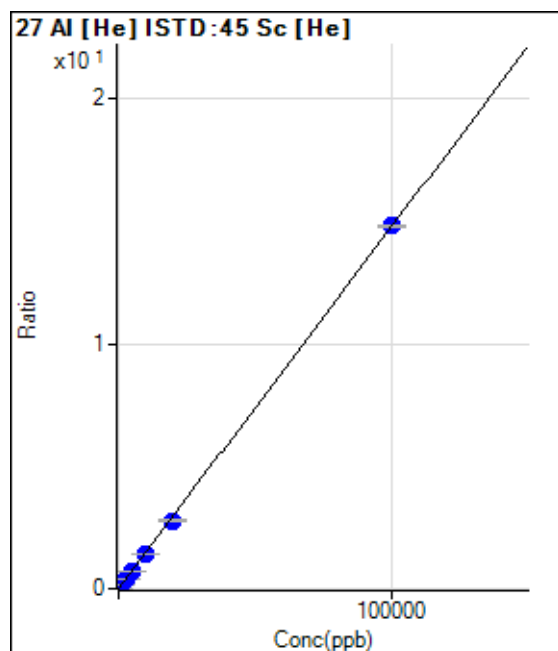
$$R = 1.0000$$

$$DL = 7.09$$

$$BEC = 10.11$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17.51	0.0004	P	75.1
2	☐	2.000					
3	☐	20.000	20.257	139.20	0.0034	P	12.6
4	☐	1000.000	993.228	5893.60	0.1473	P	2.1
5	☐	2500.000	2511.507	14354.29	0.3718	P	9.5
6	☐	5000.000	4839.922	27511.81	0.7161	P	1.8
7	☐	10000.000	9734.750	52618.93	1.4399	P	0.5
8	☐	20000.000	18854.054	100818.30	2.7883	P	0.7
9	☐	100000.00	100263.49	547887.84	14.8260	P	0.5

$$y = 1.4787\text{E-}004 * x + 4.3593\text{E-}004$$

$$R = 0.9999$$

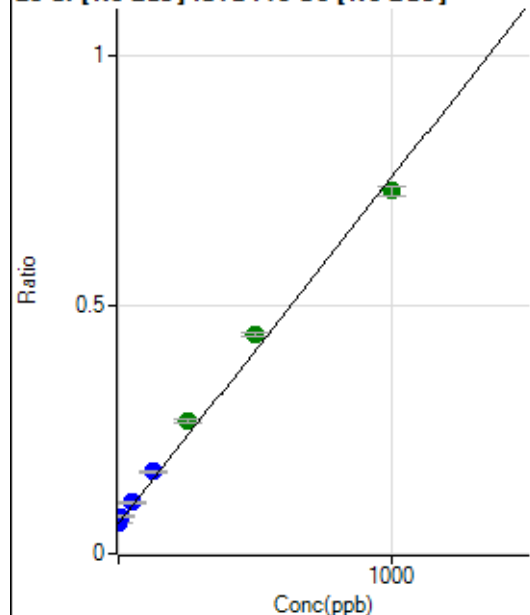
$$DL = 6.646$$

$$BEC = 2.948$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	267547.49	0.0607	P	0.4
2	☐	1.000					
3	☐	10.000	20.106	312126.46	0.0747	P	6.5
4	☐	50.000	60.394	444217.01	0.1027	P	1.8
5	☐	125.000	150.882	708254.79	0.1656	P	2.9
6	☐	250.000	297.096	1105862.90	0.2672	A	3.6
7	☐	500.000	545.741	1861545.48	0.4399	A	1.1
8	☐	1000.000	961.499	3006281.73	0.7288	A	2.4
9	☐			330963.66	0.0849	P	6.8

$$y = 6.9478\text{E-}004 * x + 0.0607$$

$$R = 0.9971$$

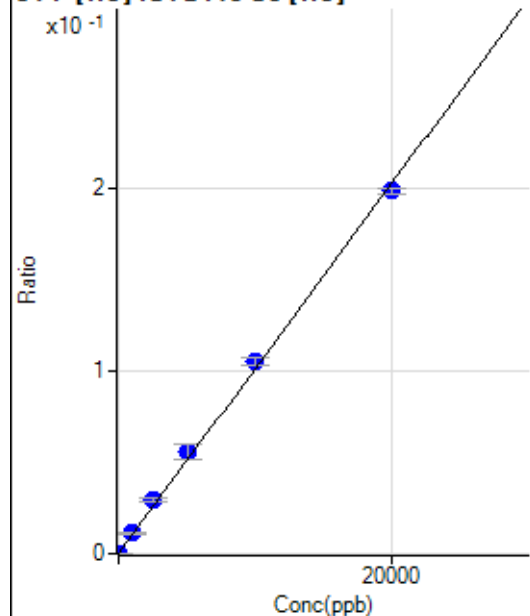
$$DL = 1.049$$

$$BEC = 87.43$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	3.529	5.55	0.0001	P	86.6
2	☐	0.000					
3	☐	0.000	-3.529	2.78	0.0001	P	173.
4	☐	1000.000	1115.301	455.58	0.0114	P	9.1
5	☐	2500.000	2904.216	1141.77	0.0295	P	7.4
6	☐	5000.000	5478.576	2130.82	0.0555	P	15.2
7	☐	10000.000	10422.205	3856.25	0.1055	P	3.6
8	☐	20000.000	19612.961	7177.15	0.1985	P	1.5
9	☐			8.33	0.0002	P	99.7

$$y = 1.0115\text{E-}005 * x + 1.0408\text{E-}004$$

$$R = 0.9992$$

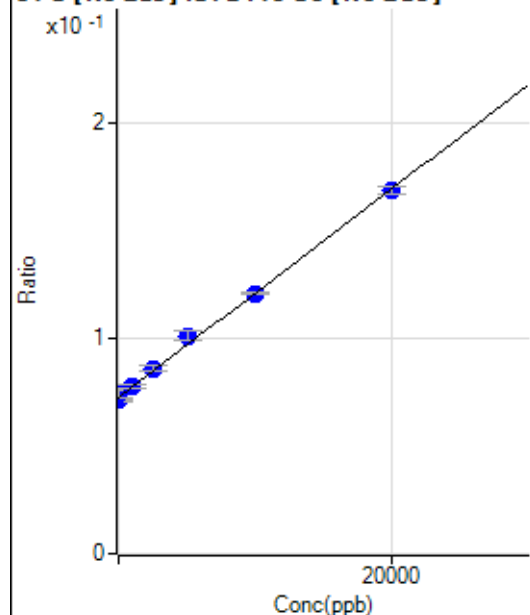
$$DL = 35.51$$

$$BEC = 10.29$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-333.766	313259.19	0.0711	P	0.4
2	☐	0.000					
3	☐	0.000	333.766	310743.78	0.0744	P	5.4
4	☐	1000.000	1007.581	335725.17	0.0776	P	1.7
5	☐	2500.000	2783.914	368813.24	0.0862	P	3.3
6	☐	5000.000	5854.832	418404.90	0.1011	P	4.4
7	☐	10000.000	9907.691	510921.14	0.1207	P	0.8
8	☐	20000.000	19796.578	695701.90	0.1686	P	2.1
9	☐			280262.84	0.0718	P	6.2

$$y = 4.8444\text{E-}006 * x + 0.0727$$

$$R = 0.9985$$

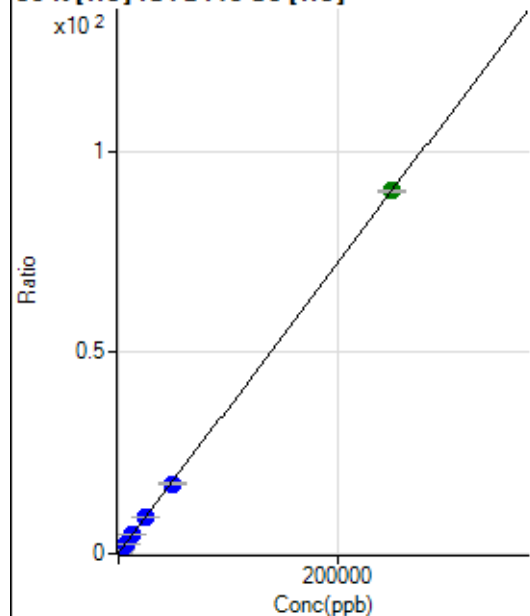
$$DL = 1323$$

$$BEC = 1.502\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3203.28	0.0800	P	7.8
2	☐	50.000					
3	☐	500.000	516.164	10787.89	0.2658	P	1.0
4	☐	2500.000	2669.838	41665.66	1.0413	P	0.4
5	☐	6250.000	6649.817	95495.01	2.4744	P	10.1
6	☐	12500.000	12772.427	179769.60	4.6790	P	1.8
7	☐	25000.000	25012.866	332035.64	9.0865	P	0.8
8	☐	50000.000	48181.543	630203.99	17.4290	P	0.4
9	☐	250000.00	250337.05	3334041.35	90.2204	A	0.9

$$y = 3.6008\text{E-}004 * x + 0.0800$$

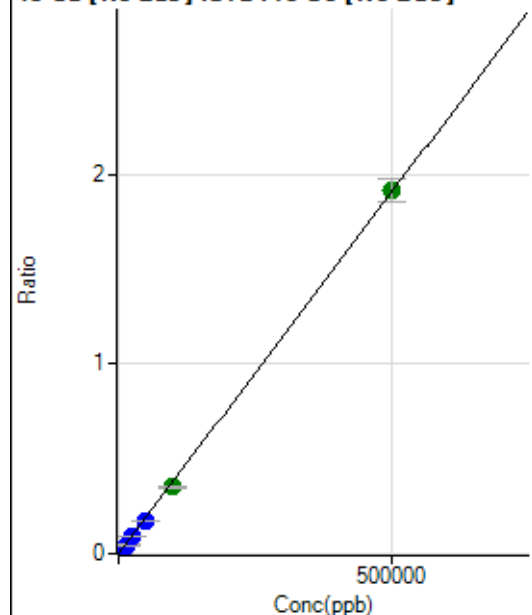
$$R = 1.0000$$

$$DL = 52.06$$

$$BEC = 222.2$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	550.03	0.0001	P	9.9
2	☐	50.000					
3	☐	500.000	479.233	8155.47	0.0020	P	7.5
4	☐	5000.000	4724.051	78450.23	0.0181	P	2.5
5	☐	12500.000	11805.663	193065.99	0.0451	P	3.8
6	☐	25000.000	24101.382	380847.99	0.0920	P	4.6
7	☐	50000.000	46220.113	746354.34	0.1764	P	1.3
8	☐	100000.00	92625.762	1457302.37	0.3533	A	3.6
9	☐	500000.00	501917.90	7466033.24	1.9141	A	6.5

$$y = 3.8134E-006 * x + 1.2495E-004$$

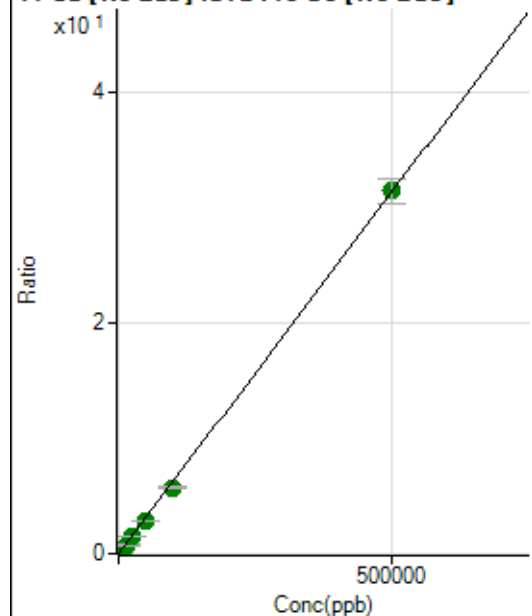
$$R = 0.9999$$

$$DL = 9.768$$

$$BEC = 32.77$$

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	13512.71	0.0031	P	0.5
2	☐	50.000					
3	☐	500.000	473.493	136659.91	0.0327	P	5.0
4	☐	5000.000	4736.396	1295094.86	0.2994	A	2.0
5	☐	12500.000	11847.133	3183565.15	0.7444	A	3.7
6	☐	25000.000	23955.828	6215923.49	1.5021	A	4.5
7	☐	50000.000	45774.061	12133385.86	2.8673	A	1.1
8	☐	100000.00	91454.434	23618911.99	5.7258	A	2.5
9	☐	500000.00	502202.90	122578218.0	31.4280	A	6.6

$$y = 6.2574E-005 * x + 0.0031$$

$$R = 0.9998$$

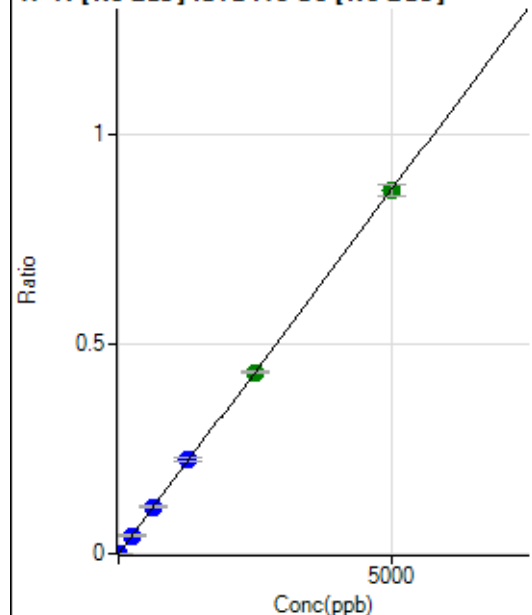
$$DL = 0.7898$$

$$BEC = 49.03$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0000	P	38.1
2	☐	0.500					
3	☐	5.000	5.063	3792.35	0.0009	P	5.7
4	☐	250.000	250.279	188338.50	0.0435	P	2.6
5	☐	625.000	637.961	474563.90	0.1110	P	3.7
6	☐	1250.000	1301.598	936670.59	0.2264	P	4.9
7	☐	2500.000	2497.633	1837886.80	0.4343	A	1.7
8	☐	5000.000	4986.650	3576715.45	0.8672	A	3.2
9	☐			1897.44	0.0005	P	9.3

$$y = 1.7389E-004 * x + 2.7084E-005$$

$$R = 0.9999$$

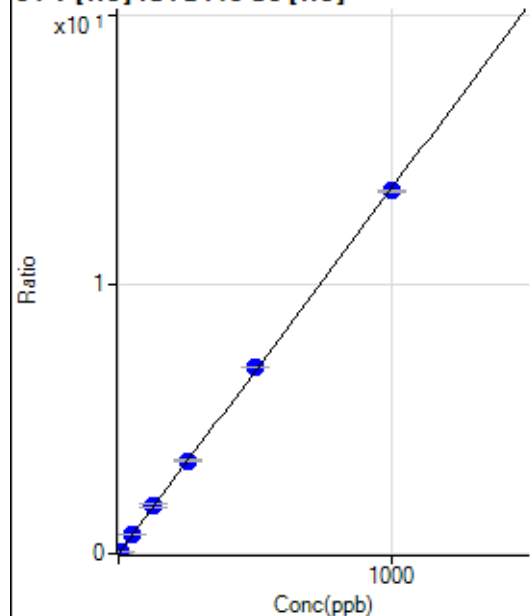
$$DL = 0.178$$

$$BEC = 0.1557$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0003	P	33.0
2	☐	0.500					
3	☐	5.000	4.937	2729.20	0.0672	P	3.5
4	☐	50.000	51.269	27820.09	0.6953	P	2.5
5	☐	125.000	131.762	69005.62	1.7866	P	8.6
6	☐	250.000	254.212	132413.93	3.4466	P	1.9
7	☐	500.000	509.699	252515.97	6.9102	P	0.3
8	☐	1000.000	993.189	486847.54	13.4648	P	0.9
9	☐			261.12	0.0071	P	6.1

$$y = 0.0136 * x + 3.0592E-004$$

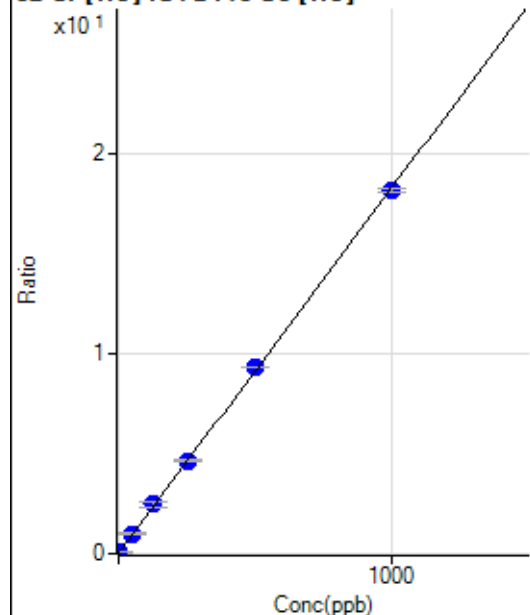
$$R = 0.9999$$

$$DL = 0.02237$$

$$BEC = 0.02257$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	594.47	0.0148	P	6.2
2	☐	0.200					
3	☐	2.000	2.103	2161.31	0.0533	P	6.0
4	☐	50.000	54.335	40333.68	1.0081	P	0.8
5	☐	125.000	134.089	95210.92	2.4660	P	9.3
6	☐	250.000	253.978	178938.62	4.6575	P	1.9
7	☐	500.000	510.220	341362.74	9.3416	P	0.5
8	☐	1000.000	992.543	656551.58	18.1584	P	1.0
9	☐			31386.49	0.8493	P	0.5

$$y = 0.0183 * x + 0.0148$$

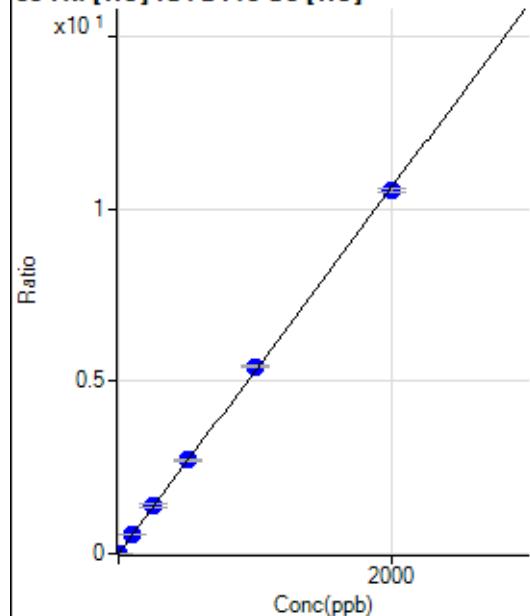
$$R = 0.9999$$

$$DL = 0.1502$$

$$BEC = 0.8118$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	72.22	0.0018	P	15.1
2	☐	0.100					
3	☐	1.000	1.099	310.01	0.0076	P	2.9
4	☐	100.000	103.417	22045.42	0.5510	P	1.0
5	☐	250.000	263.907	54138.11	1.4033	P	10.7
6	☐	500.000	513.301	104791.53	2.7276	P	2.0
7	☐	1000.000	1023.844	198751.26	5.4388	P	0.6
8	☐	2000.000	1982.844	380783.82	10.5315	P	1.1
9	☐			2027.95	0.0549	P	4.2

$$y = 0.0053 * x + 0.0018$$

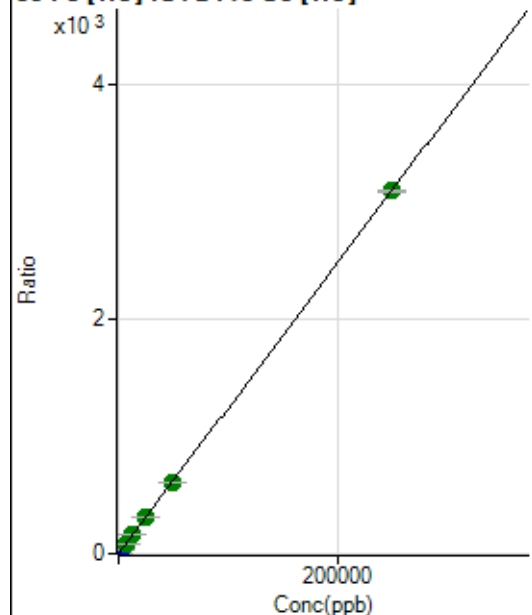
$$R = 0.9999$$

$$DL = 0.1541$$

$$BEC = 0.3394$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1451.97	0.0362	P	6.5
2	☐	5.000					
3	☐	50.000	51.669	27414.47	0.6755	P	1.7
4	☐	2500.000	2591.278	1284241.38	32.0974	P	0.6
5	☐	6250.000	6633.361	3170494.26	82.1089	A	9.1
6	☐	12500.000	12716.770	6046570.68	157.3772	A	1.2
7	☐	25000.000	25597.615	11574561.83	316.7483	A	0.7
8	☐	50000.000	49340.602	22074619.94	610.5135	A	0.7
9	☐	250000.00	250050.78	114330962.7	3,093.843	A	0.7

$$y = 0.0124 * x + 0.0362$$

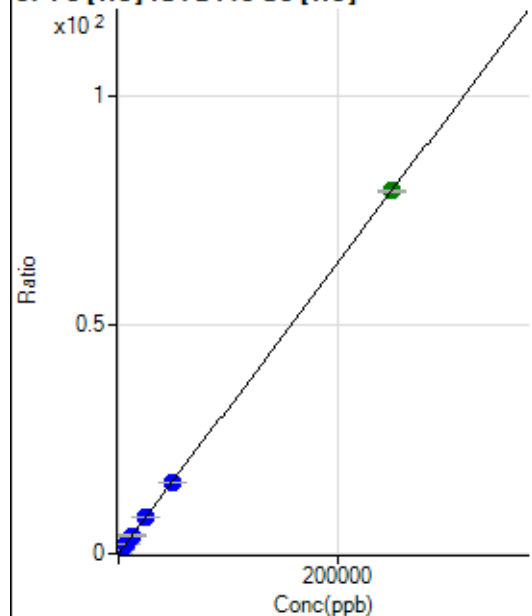
$$R = 1.0000$$

$$DL = 0.5731$$

$$BEC = 2.928$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53.71	0.0013	P	4.8
2	☐	5.000					
3	☐	50.000	45.804	642.63	0.0158	P	3.1
4	☐	2500.000	2593.565	32898.79	0.8222	P	0.8
5	☐	6250.000	6419.587	78555.77	2.0333	P	8.1
6	☐	12500.000	12547.300	152635.01	3.9728	P	2.2
7	☐	25000.000	25057.514	289867.51	7.9325	P	0.7
8	☐	50000.000	48757.840	558048.17	15.4341	P	1.0
9	☐	250000.00	250235.14	2927021.94	79.2052	A	0.3

$$y = 3.1652E-004 * x + 0.0013$$

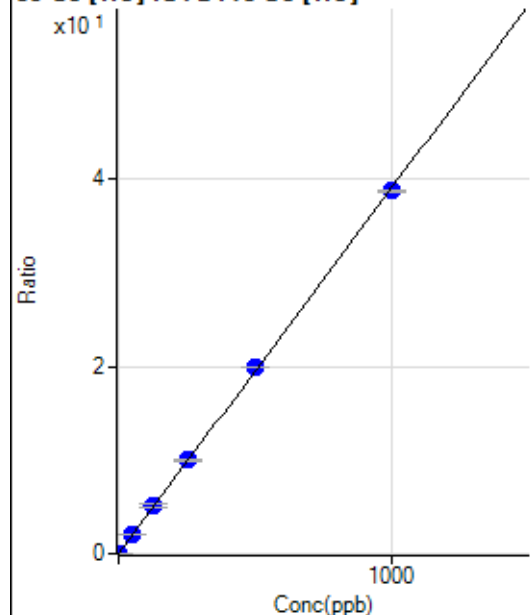
$$R = 1.0000$$

$$DL = 0.6031$$

$$BEC = 4.232$$

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	80.00	0.0020	P	21.6
2	☐	0.100					
3	☐	1.000	1.081	1793.48	0.0442	P	1.3
4	☐	50.000	51.540	80600.30	2.0145	P	0.6
5	☐	125.000	130.692	197129.13	5.1051	P	9.1
6	☐	250.000	255.718	383686.42	9.9870	P	1.9
7	☐	500.000	510.382	728305.79	19.9308	P	0.7
8	☐	1000.000	992.591	1401434.23	38.7595	P	0.9
9	☐			17858.25	0.4833	P	1.7

$$y = 0.0390 * x + 0.0020$$

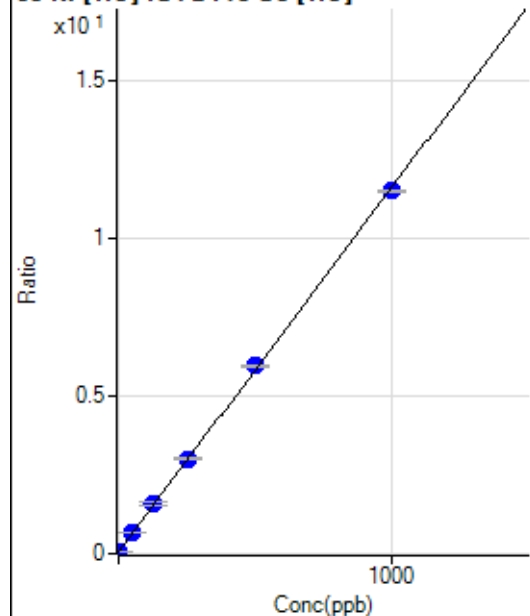
$$R = 0.9999$$

$$DL = 0.03317$$

$$BEC = 0.05112$$

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	2302.46	0.0574	P	2.6
2	☐	0.100					
3	☐	1.000	0.667	2642.53	0.0651	P	1.2
4	☐	50.000	52.694	26586.68	0.6645	P	0.5
5	☐	125.000	131.825	60889.29	1.5761	P	8.2
6	☐	250.000	255.240	115177.86	2.9979	P	1.5
7	☐	500.000	512.177	217707.07	5.9579	P	1.1
8	☐	1000.000	991.614	415128.23	11.4812	P	0.7
9	☐			17353.26	0.4696	P	1.9

$$y = 0.0115 * x + 0.0574$$

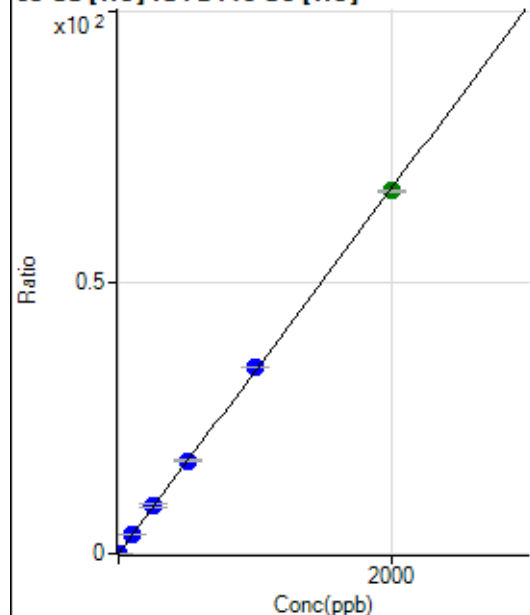
$$R = 0.9999$$

$$DL = 0.3869$$

$$BEC = 4.986$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1005.61	0.0251	P	5.0
2	☐	0.200					
3	☐	2.000	2.001	3756.13	0.0926	P	4.0
4	☐	100.000	103.413	140573.34	3.5134	P	0.6
5	☐	250.000	259.793	339369.59	8.7884	P	9.0
6	☐	500.000	507.511	658649.02	17.1444	P	2.1
7	☐	1000.000	1021.167	1259635.40	34.4710	P	0.6
8	☐	2000.000	1986.144	2423330.78	67.0214	A	0.8
9	☐			5882.46	0.1592	P	1.1

$$y = 0.0337 * x + 0.0251$$

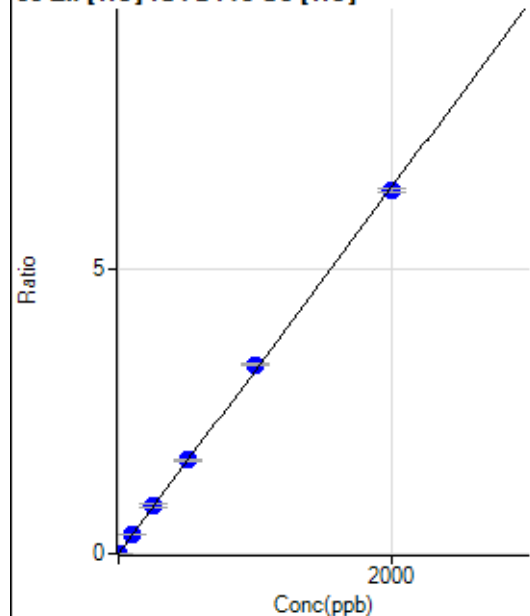
$$R = 0.9999$$

$$DL = 0.1115$$

$$BEC = 0.7437$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	107.78	0.0027	P	10.6
2	☐	0.200					
3	☐	2.000	2.376	420.01	0.0104	P	4.4
4	☐	100.000	103.952	13525.64	0.3380	P	0.3
5	☐	250.000	263.831	32957.10	0.8538	P	9.8
6	☐	500.000	511.913	63548.35	1.6542	P	2.6
7	☐	1000.000	1028.856	121386.38	3.3219	P	1.0
8	☐	2000.000	1980.667	231133.74	6.3925	P	1.0
9	☐			2057.96	0.0557	P	4.4

$$y = 0.0032 * x + 0.0027$$

$$R = 0.9998$$

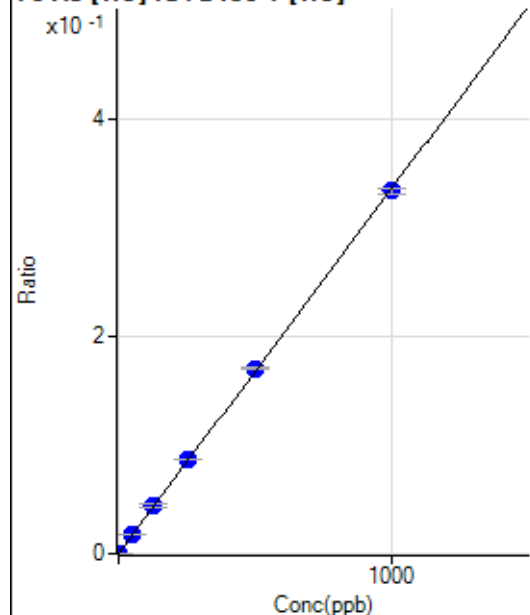
$$DL = 0.266$$

$$BEC = 0.8329$$

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	8.03	0.0000	P	27.3
2	☐	0.100					
3	☐	1.000	1.170	119.75	0.0004	P	12.9
4	☐	50.000	52.449	4941.67	0.0177	P	2.0
5	☐	125.000	133.187	12033.71	0.0448	P	6.9
6	☐	250.000	256.361	23346.95	0.0862	P	0.1
7	☐	500.000	506.130	44220.49	0.1702	P	1.0
8	☐	1000.000	994.199	85589.20	0.3343	P	1.3
9	☐			169.14	0.0006	P	12.8

$$y = 3.3619\text{E-}004 * x + 2.8993\text{E-}005$$

$$R = 0.9999$$

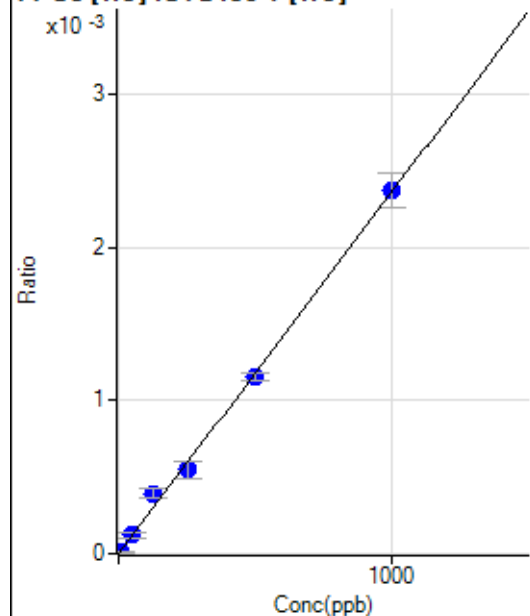
$$DL = 0.07054$$

$$BEC = 0.08624$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	3.313	2.22	0.0000	P	86.6
4	☐	50.000	52.293	34.45	0.0001	P	31.6
5	☐	125.000	165.694	104.45	0.0004	P	15.4
6	☐	250.000	233.232	148.89	0.0005	P	21.2
7	☐	500.000	490.046	300.01	0.0012	P	4.4
8	☐	1000.000	1003.976	605.58	0.0024	P	9.7
9	☐			1.11	0.0000	P	173.

$$y = 2.3564\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9987$$

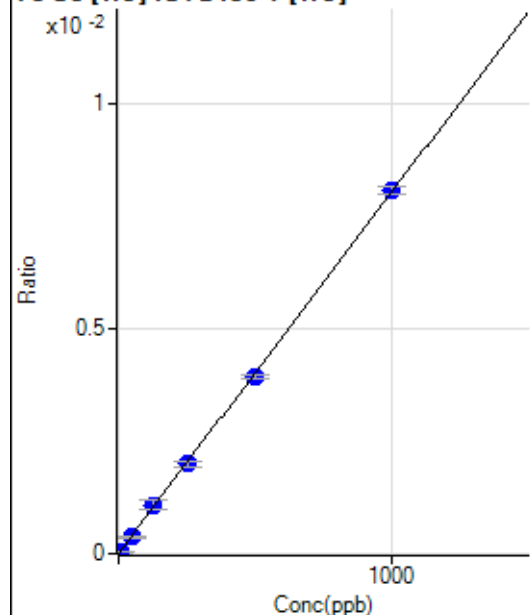
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.85	0.0000	P	0.9
2	☐	0.500					
3	☐	5.000	3.514	9.88	0.0000	P	28.9
4	☐	50.000	45.664	104.32	0.0004	P	15.8
5	☐	125.000	134.820	290.75	0.0011	P	16.5
6	☐	250.000	248.800	541.99	0.0020	P	6.7
7	☐	500.000	490.511	1023.51	0.0039	P	2.5
8	☐	1000.000	1004.041	2062.52	0.0081	P	2.1
9	☐			3.70	0.0000	P	100.

$$y = 8.0165E-006 * x + 6.6728E-006$$

$$R = 0.9999$$

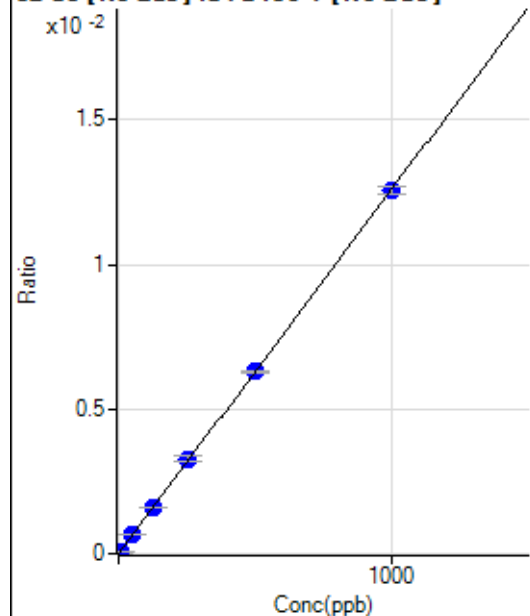
$$DL = 0.02344$$

$$BEC = 0.8324$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-32.43	0.0000	P	-46.
2	☐	0.500					
3	☐	5.000	5.724	510.64	0.0001	P	8.9
4	☐	50.000	51.184	4991.06	0.0006	P	2.5
5	☐	125.000	128.351	12399.63	0.0016	P	1.4
6	☐	250.000	261.303	24642.37	0.0033	P	4.9
7	☐	500.000	500.597	49073.28	0.0063	P	1.3
8	☐	1000.000	996.394	95383.78	0.0125	P	2.2
9	☐			59.17	0.0000	P	24.7

$$y = 1.2591E-005 * x - 4.0692E-006$$

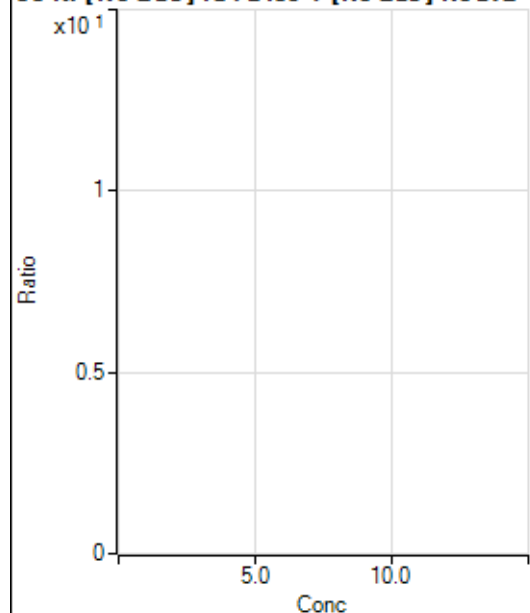
$$R = 0.9999$$

$$DL = 0.4484$$

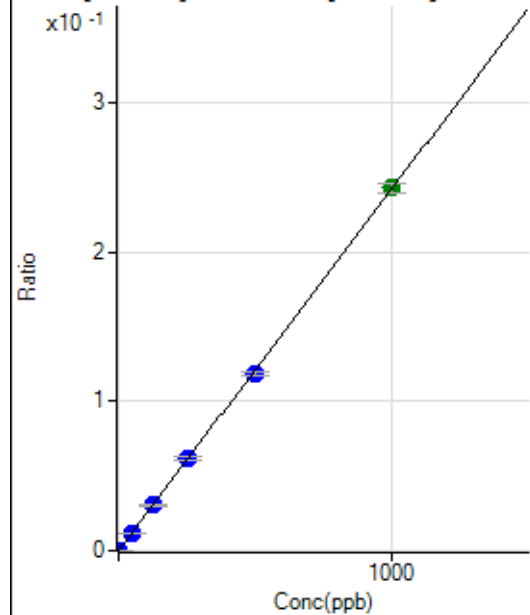
$$BEC = -0.3232$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			371.12	0.0000	P	6.6
2	☐						
3	☐			351.12	0.0000	P	4.5
4	☐			365.56	0.0000	P	12.1
5	☐			354.46	0.0000	P	20.4
6	☐			333.34	0.0000	P	8.6
7	☐			365.57	0.0000	P	21.0
8	☐			318.90	0.0000	P	7.7
9	☐			384.46	0.0001	P	9.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	536.15	0.0001	P	9.4
2	☐	0.100					
3	☐	1.000	1.028	2378.12	0.0003	P	1.1
4	☐	50.000	49.699	94386.32	0.0121	P	1.9
5	☐	125.000	125.993	235290.21	0.0306	P	2.8
6	☐	250.000	255.628	465002.93	0.0620	P	4.8
7	☐	500.000	489.301	924133.61	0.1186	P	1.8
8	☐	1000.000	1003.833	1850296.20	0.2433	A	2.6
9	☐			8925.55	0.0012	P	11.2

$$y = 2.4231\text{E-}004 * x + 6.7217\text{E-}005$$

$$R = 0.9999$$

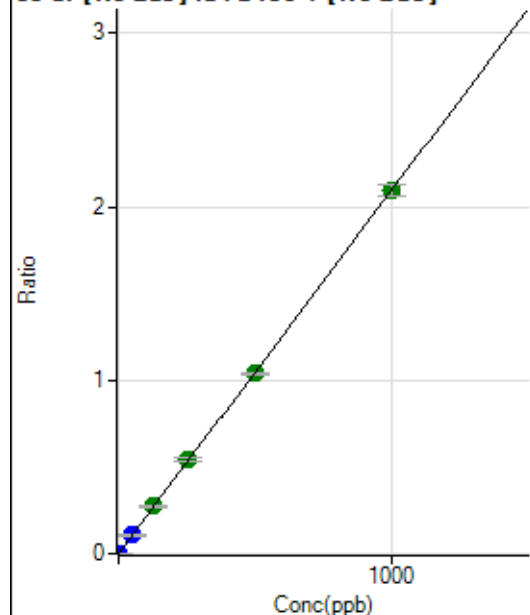
$$DL = 0.07814$$

$$BEC = 0.2774$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	122.23	0.0000	P	38.1
2	☐	0.100					
3	☐	1.000	1.033	16349.32	0.0022	P	6.1
4	☐	50.000	50.371	822325.15	0.1055	P	1.7
5	☐	125.000	130.007	2093731.77	0.2723	A	3.2
6	☐	250.000	260.706	4094828.91	0.5460	A	4.5
7	☐	500.000	495.914	8090756.00	1.0386	A	1.7
8	☐	1000.000	998.722	15905102.79	2.0916	A	3.1
9	☐			74297.05	0.0103	P	6.0

$$y = 0.0021 * x + 1.5299E-005$$

$$R = 0.9999$$

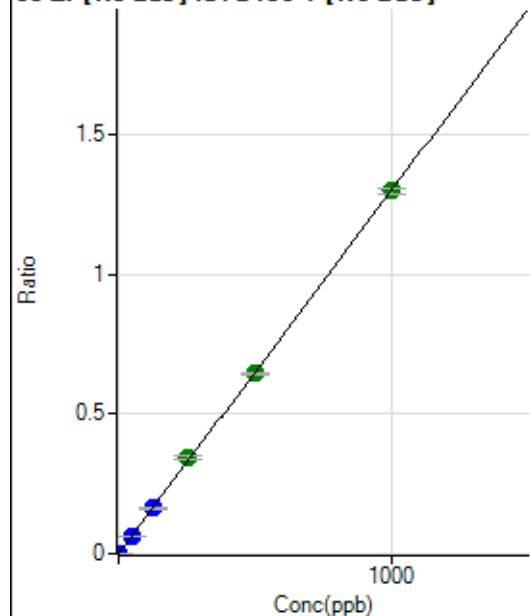
$$DL = 0.008343$$

$$BEC = 0.007305$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	655.60	0.0001	P	6.2
2	☐	0.100					
3	☐	1.000	0.963	10026.36	0.0013	P	3.1
4	☐	50.000	48.948	496933.69	0.0638	P	1.4
5	☐	125.000	126.362	1264606.58	0.1645	P	3.3
6	☐	250.000	264.508	2580664.73	0.3442	A	5.1
7	☐	500.000	495.501	5022262.09	0.6447	A	1.1
8	☐	1000.000	998.505	9879442.67	1.2990	A	1.9
9	☐			3044.94	0.0004	P	7.9

$$y = 0.0013 * x + 8.2200E-005$$

$$R = 0.9999$$

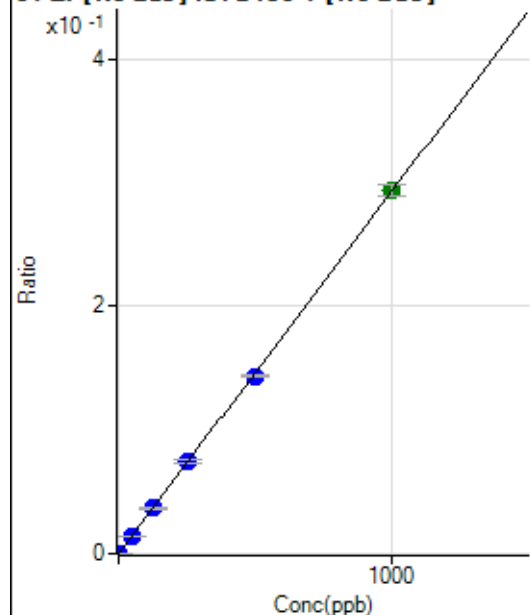
$$DL = 0.01182$$

$$BEC = 0.06319$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	166.68	0.0000	P	21.4
2	☐	0.100					
3	☐	1.000	0.961	2264.18	0.0003	P	11.4
4	☐	50.000	48.641	111081.64	0.0143	P	3.0
5	☐	125.000	126.225	284153.00	0.0370	P	3.5
6	☐	250.000	256.085	562108.13	0.0750	P	4.6
7	☐	500.000	490.725	1118732.44	0.1436	P	1.7
8	☐	1000.000	1003.031	2231954.26	0.2935	A	3.0
9	☐			636.16	0.0001	P	12.5

$$y = 2.9261\text{E-}004 * x + 2.0884\text{E-}005$$

$$R = 0.9999$$

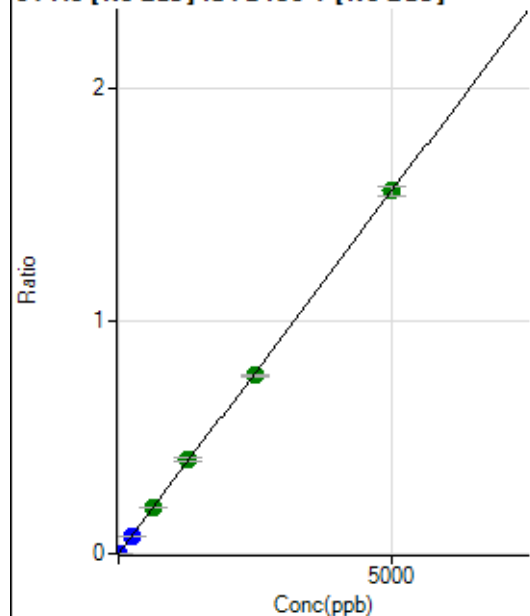
$$DL = 0.04588$$

$$BEC = 0.07137$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	302.79	0.0000	P	11.9
2	☐	0.500					
3	☐	5.000	4.914	11788.97	0.0016	P	7.6
4	☐	250.000	247.919	603305.68	0.0774	P	1.3
5	☐	625.000	637.641	1530277.28	0.1990	A	3.5
6	☐	1250.000	1307.932	3061920.32	0.4082	A	3.7
7	☐	2500.000	2458.033	5976028.43	0.7671	A	1.1
8	☐	5000.000	5005.025	11877892.45	1.5619	A	2.5
9	☐			17217.21	0.0024	P	6.3

$$y = 3.1206\text{E-}004 * x + 3.7975\text{E-}005$$

$$R = 0.9999$$

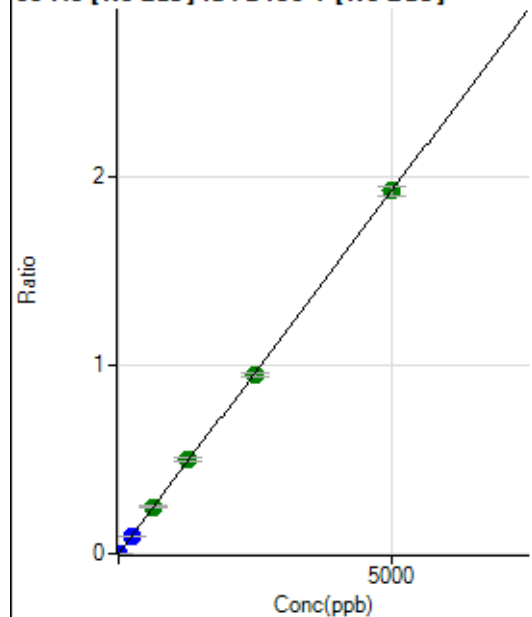
$$DL = 0.04346$$

$$BEC = 0.1217$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	183.34	0.0000	P	24.6
2	☐	0.500					
3	☐	5.000	5.055	14794.72	0.0020	P	7.2
4	☐	250.000	247.635	744256.26	0.0955	P	1.1
5	☐	625.000	640.876	1899933.55	0.2471	A	3.1
6	☐	1250.000	1306.449	3776752.13	0.5037	A	4.9
7	☐	2500.000	2463.368	7397858.07	0.9496	A	1.5
8	☐	5000.000	5002.337	14665198.42	1.9284	A	2.5
9	☐			29084.88	0.0040	P	5.9

$$y = 3.8550E-004 * x + 2.3010E-005$$

$$R = 0.9999$$

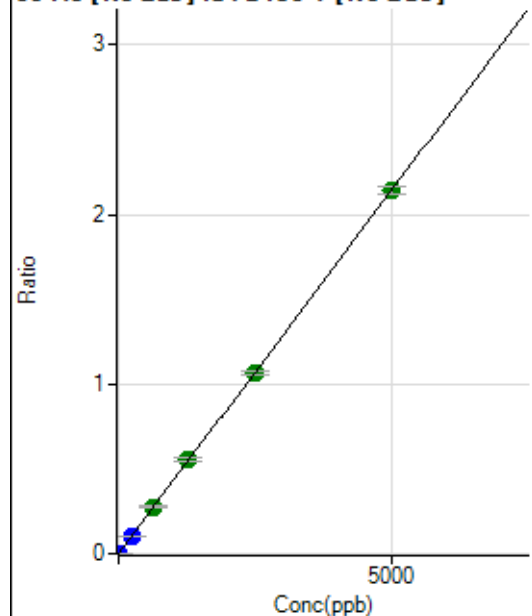
$$DL = 0.04404$$

$$BEC = 0.05969$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	288.91	0.0000	P	14.3
2	☐	0.500					
3	☐	5.000	5.177	16922.35	0.0023	P	5.2
4	☐	250.000	248.506	830027.12	0.1065	P	1.8
5	☐	625.000	638.737	2104169.30	0.2737	A	4.0
6	☐	1250.000	1296.976	4166864.33	0.5557	A	4.8
7	☐	2500.000	2486.194	8297190.03	1.0651	A	1.9
8	☐	5000.000	4993.517	16269965.47	2.1393	A	2.0
9	☐			32080.58	0.0045	P	5.3

$$y = 4.2840E-004 * x + 3.6204E-005$$

$$R = 0.9999$$

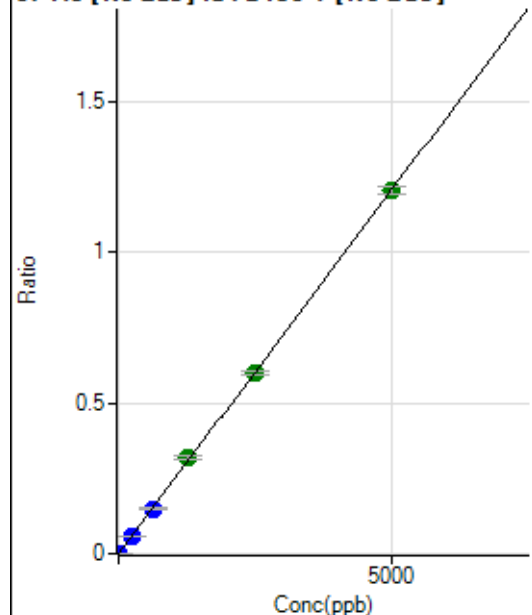
$$DL = 0.03638$$

$$BEC = 0.08451$$

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	233.35	0.0000	P	15.9
2	☐	0.500					
3	☐	5.000	4.940	9175.75	0.0012	P	6.6
4	☐	250.000	246.247	463875.02	0.0595	P	1.6
5	☐	625.000	619.132	1150254.46	0.1496	P	3.5
6	☐	1250.000	1315.257	2383296.71	0.3178	A	4.2
7	☐	2500.000	2490.652	4686857.83	0.6017	A	2.6
8	☐	5000.000	4989.281	9166671.47	1.2053	A	2.3
9	☐			17573.19	0.0024	P	5.3

$$y = 2.4158\text{E-}004 * x + 2.9262\text{E-}005$$

$$R = 0.9999$$

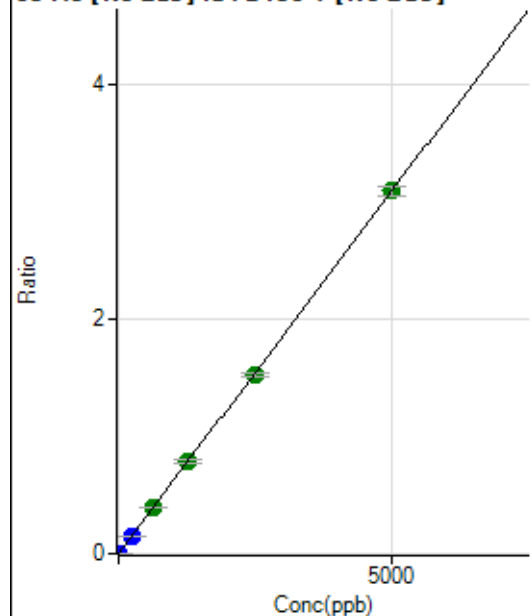
$$DL = 0.05761$$

$$BEC = 0.1211$$

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	286.13	0.0000	P	19.9
2	☐	0.500					
3	☐	5.000	5.104	23955.34	0.0032	P	2.7
4	☐	250.000	247.470	1191701.04	0.1529	P	1.4
5	☐	625.000	632.620	3005689.54	0.3908	A	1.6
6	☐	1250.000	1281.499	5936076.17	0.7916	A	4.9
7	☐	2500.000	2467.752	11874875.52	1.5244	A	1.6
8	☐	5000.000	5007.423	23523016.33	3.0931	A	2.3
9	☐			45842.41	0.0064	P	4.6

$$y = 6.1769\text{E-}004 * x + 3.5847\text{E-}005$$

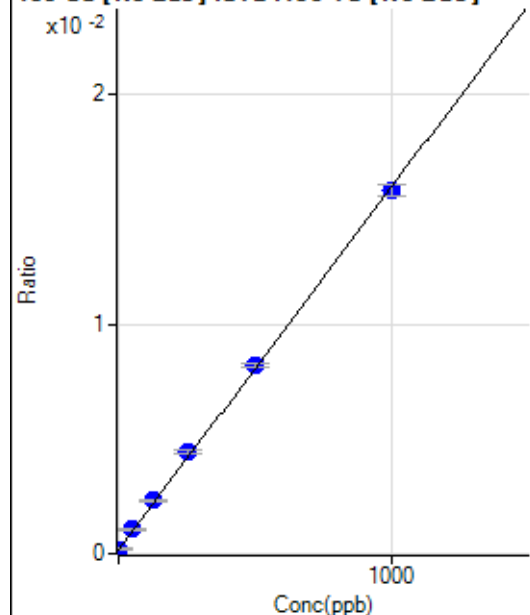
$$R = 0.9999$$

$$DL = 0.03468$$

$$BEC = 0.05803$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1650.18	0.0002	P	5.7
2	☐	0.100					
3	☐	1.000	2.535	1950.23	0.0002	P	9.4
4	☐	50.000	56.905	10423.90	0.0011	P	4.1
5	☐	125.000	135.843	22408.30	0.0023	P	4.6
6	☐	250.000	272.115	42571.21	0.0045	P	4.0
7	☐	500.000	506.899	83986.53	0.0082	P	2.0
8	☐	1000.000	989.320	162311.06	0.0158	P	3.3
9	☐			1739.09	0.0002	P	7.7

$$y = 1.5808E-005 * x + 1.6720E-004$$

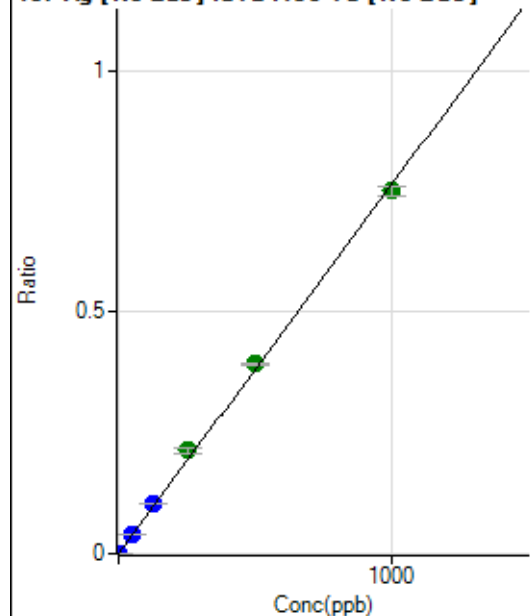
$$R = 0.9997$$

$$DL = 1.817$$

$$BEC = 10.58$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.33	0.0000	P	38.7
2	☐	0.100					
3	☐	1.000	1.081	7813.73	0.0008	P	0.7
4	☐	50.000	53.988	403013.65	0.0413	P	1.3
5	☐	125.000	135.338	1001407.84	0.1034	P	3.4
6	☐	250.000	279.651	2035277.39	0.2137	A	4.6
7	☐	500.000	514.886	4039394.75	0.3934	A	1.4
8	☐	1000.000	983.653	7718492.54	0.7516	A	2.9
9	☐			1122.33	0.0001	P	7.5

$$y = 7.6409E-004 * x + 5.9335E-006$$

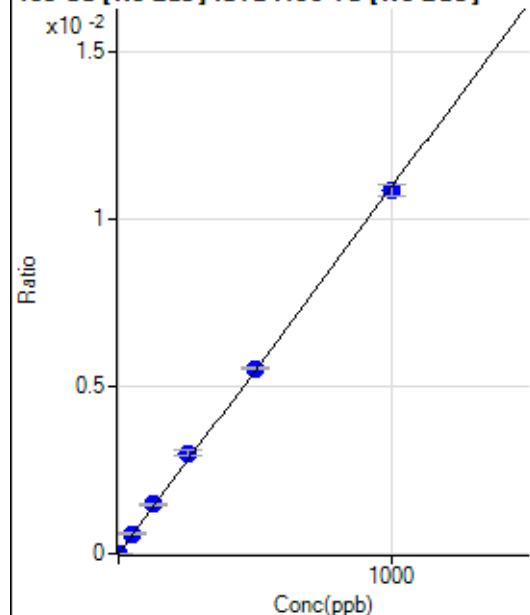
$$R = 0.9993$$

$$DL = 0.009024$$

$$BEC = 0.007765$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.17	0.0000	P	100.
2	☐	0.100					
3	☐	1.000	1.130	120.84	0.0000	P	18.5
4	☐	50.000	53.985	5780.56	0.0006	P	6.5
5	☐	125.000	134.889	14321.72	0.0015	P	2.4
6	☐	250.000	275.077	28705.87	0.0030	P	6.1
7	☐	500.000	505.386	56875.10	0.0055	P	0.8
8	☐	1000.000	989.602	111374.50	0.0108	P	3.2
9	☐			55.55	0.0000	P	4.4

$$y = 1.0960\text{E-}005 * x + 4.2233\text{E-}007$$

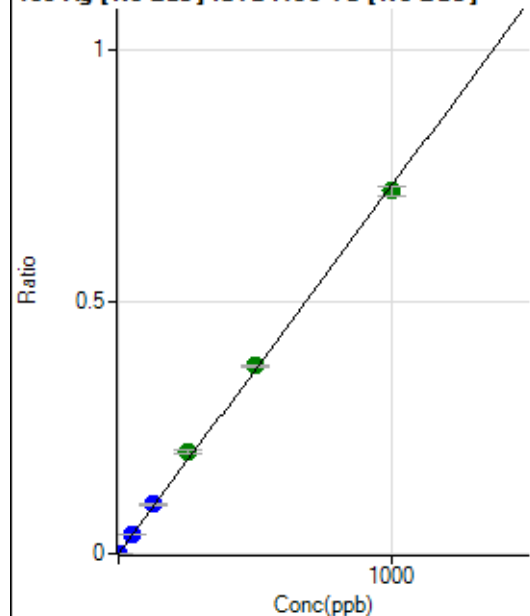
$$R = 0.9996$$

$$DL = 0.1165$$

$$BEC = 0.03854$$

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	33.33	0.0000	P	26.0
2	☐	0.100					
3	☐	1.000	1.082	7424.65	0.0008	P	5.4
4	☐	50.000	53.696	382239.10	0.0391	P	1.5
5	☐	125.000	135.063	952941.77	0.0984	P	3.9
6	☐	250.000	277.791	1927769.79	0.2024	A	5.0
7	☐	500.000	510.186	3816990.28	0.3718	A	1.5
8	☐	1000.000	986.516	7382499.21	0.7189	A	2.7
9	☐			897.30	0.0001	P	16.3

$$y = 7.2868\text{E-}004 * x + 3.3859\text{E-}006$$

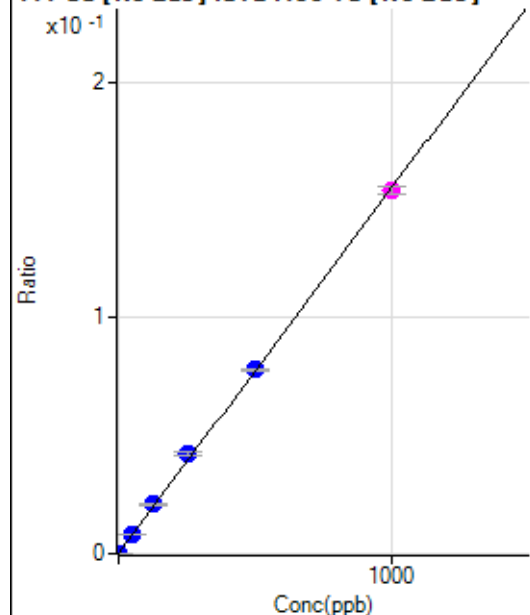
$$R = 0.9995$$

$$DL = 0.003631$$

$$BEC = 0.004647$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1173.04	0.0001	P	5.2
2	☐	0.100					
3	☐	1.000	1.204	2870.98	0.0003	P	6.2
4	☐	50.000	52.995	81336.63	0.0083	P	1.2
5	☐	125.000	134.003	202088.44	0.0209	P	3.9
6	☐	250.000	271.271	401278.34	0.0421	P	4.6
7	☐	500.000	502.304	799938.97	0.0779	P	1.2
8	☐	1000.000	992.255	1579511.58	0.1538	M	2.2
9	☐			1593.77	0.0002	P	7.3

$$y = 1.5487\text{E-}004 * x + 1.1887\text{E-}004$$

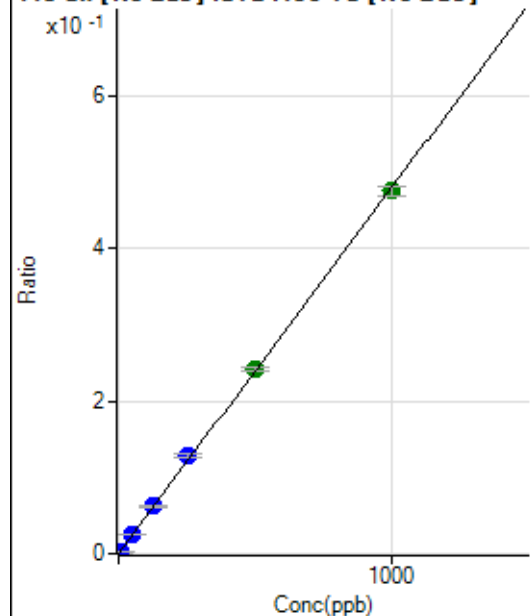
$$R = 0.9997$$

$$DL = 0.1197$$

$$BEC = 0.7675$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	577.82	0.0001	P	32.3
2	☐	0.500					
3	☐	5.000	5.278	24236.66	0.0026	P	5.6
4	☐	50.000	51.516	241389.56	0.0247	P	1.2
5	☐	125.000	130.940	607283.90	0.0627	P	3.8
6	☐	250.000	269.121	1227168.66	0.1288	P	4.7
7	☐	500.000	504.971	2481684.06	0.2417	A	1.6
8	☐	1000.000	991.915	4875304.10	0.4747	A	2.8
9	☐			13098.61	0.0013	P	3.5

$$y = 4.7855\text{E-}004 * x + 5.8448\text{E-}005$$

$$R = 0.9998$$

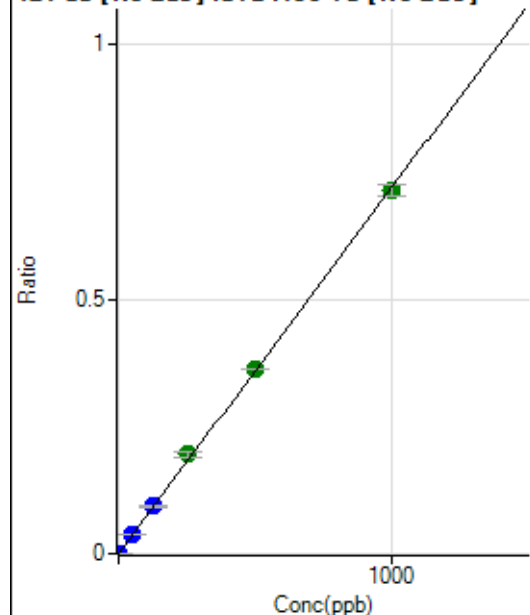
$$DL = 0.1183$$

$$BEC = 0.1221$$

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	66.67	0.0000	P	12.6
2	☐	0.200					
3	☐	2.000	2.127	14380.67	0.0015	P	6.6
4	☐	50.000	50.912	357049.95	0.0366	P	1.9
5	☐	125.000	130.791	909227.55	0.0939	P	3.4
6	☐	250.000	271.145	1853603.45	0.1947	A	5.4
7	☐	500.000	503.898	3714240.75	0.3617	A	0.7
8	☐	1000.000	991.995	7312330.11	0.7121	A	3.3
9	☐			21064.72	0.0021	P	3.2

$$y = 7.1786\text{E-}004 * x + 6.7586\text{E-}006$$

$$R = 0.9997$$

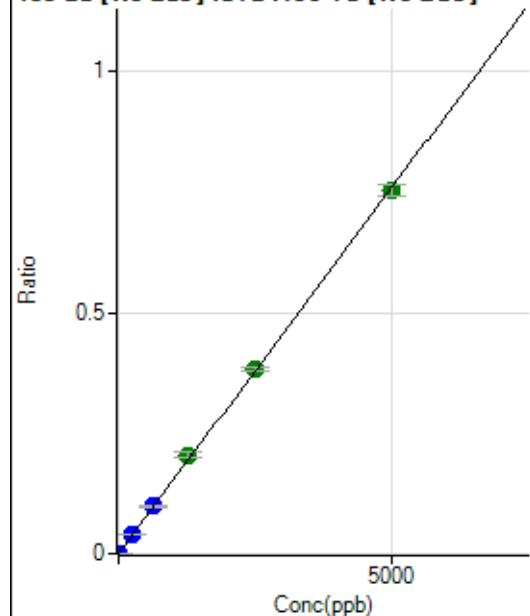
$$DL = 0.003571$$

$$BEC = 0.009415$$

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	55.56	0.0000	P	44.1
2	☐	1.000					
3	☐	10.000	10.492	14998.01	0.0016	P	3.7
4	☐	250.000	254.744	377768.60	0.0387	P	1.8
5	☐	625.000	651.656	957799.40	0.0989	P	3.9
6	☐	1250.000	1350.692	1952599.48	0.2050	A	5.1
7	☐	2500.000	2522.797	3931733.03	0.3830	A	1.9
8	☐	5000.000	4959.858	7731413.63	0.7529	A	3.0
9	☐			1722.43	0.0002	P	8.6

$$y = 1.5180\text{E-}004 * x + 5.6432\text{E-}006$$

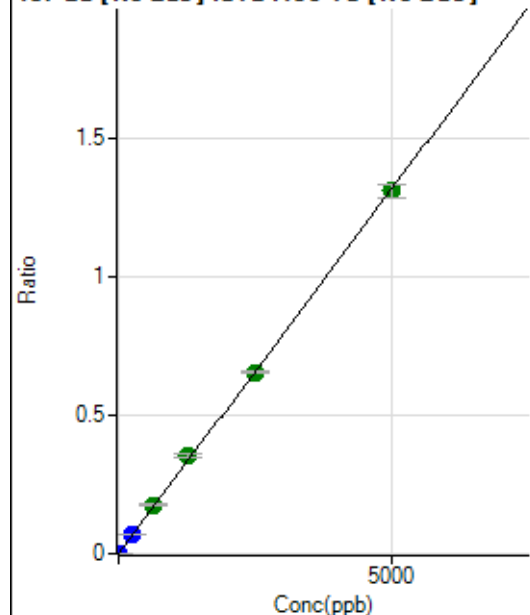
$$R = 0.9997$$

$$DL = 0.04913$$

$$BEC = 0.03718$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	63.89	0.0000	P	40.4
2	☐	1.000					
3	☐	10.000	10.462	25942.94	0.0028	P	3.2
4	☐	250.000	257.510	663040.51	0.0679	P	1.2
5	☐	625.000	662.324	1690092.06	0.1746	A	4.3
6	☐	1250.000	1341.052	3367078.98	0.3535	A	4.0
7	☐	2500.000	2489.306	6736062.22	0.6561	A	1.6
8	☐	5000.000	4977.542	13470665.40	1.3119	A	3.5
9	☐			3075.51	0.0003	P	13.0

$$y = 2.6356E-004 * x + 6.4820E-006$$

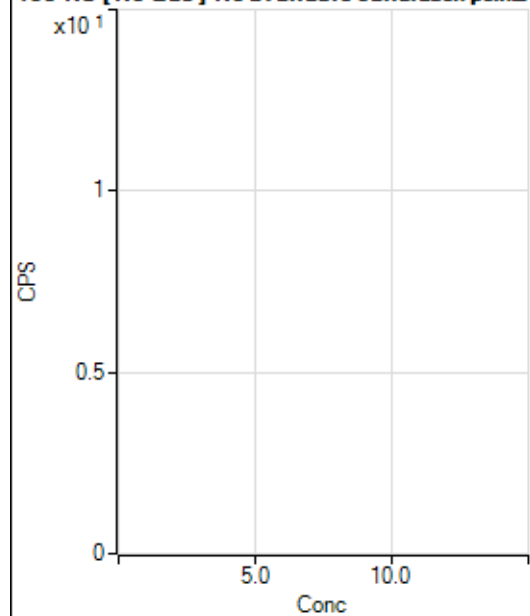
$$R = 0.9998$$

$$DL = 0.02981$$

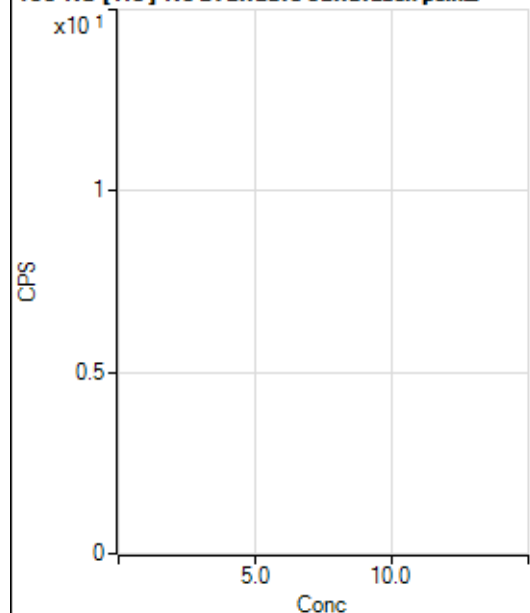
$$BEC = 0.02459$$

Weight: <None>

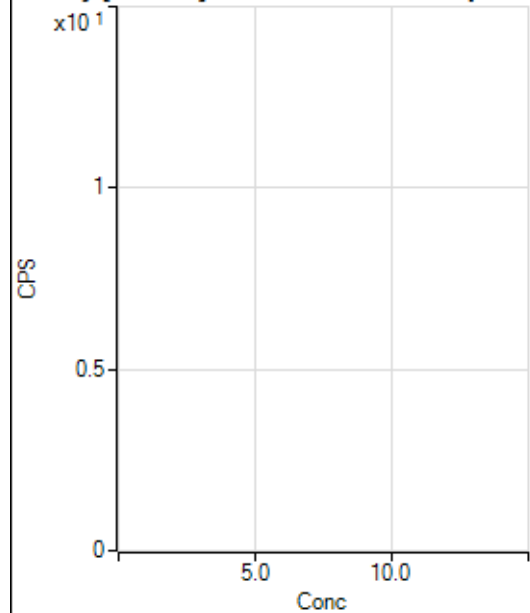
Min Conc: 0

150 Nd [No Gas] No available calibration points

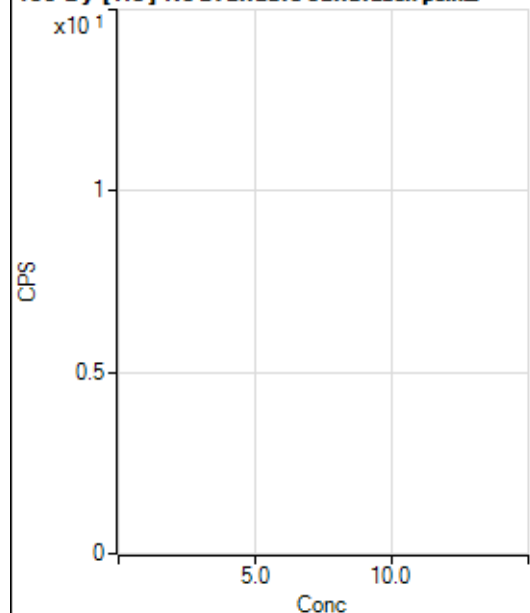
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	0.0
2	☐						
3	☐			6.67		P	100.
4	☐			17.78		P	108.
5	☐			44.45		P	8.7
6	☐			66.67		P	10.0
7	☐			144.45		P	29.3
8	☐			335.57		P	8.3
9	☐			95.56		P	10.7

150 Nd [He] No available calibration points

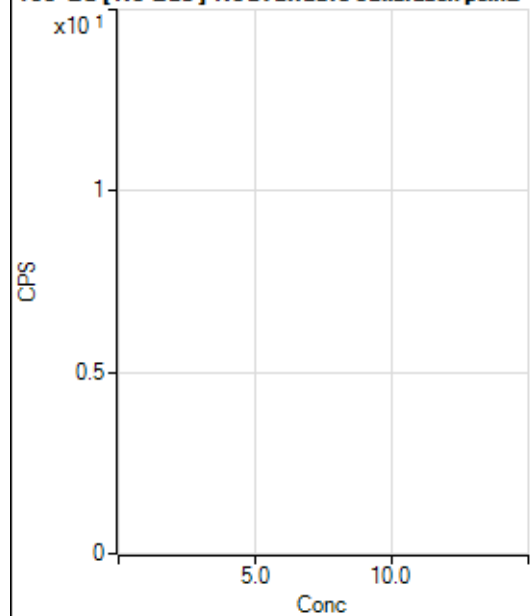
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.
5	☐			1.11		P	173.
6	☐			0.00		P	
7	☐			8.89		P	43.3
8	☐			5.56		P	34.7
9	☐			21.11		P	32.9

156 Dy [No Gas] No available calibration points

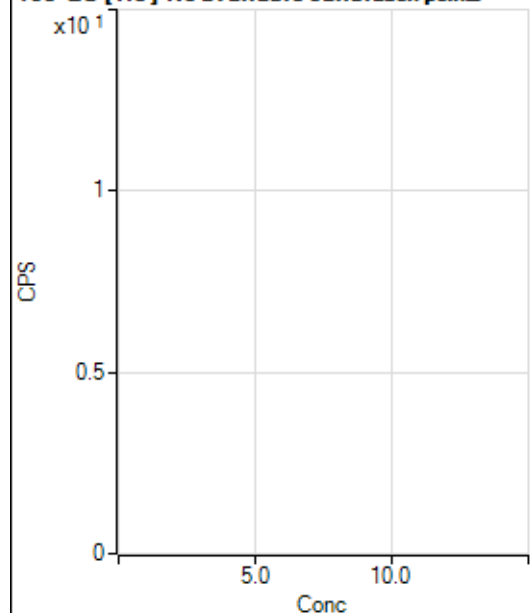
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	50.0
2	☐						
3	☐			27.78		P	45.8
4	☐			25.00		P	57.7
5	☐			22.22		P	78.1
6	☐			47.23		P	56.7
7	☐			75.00		P	22.2
8	☐			100.01		P	38.2
9	☐			111.12		P	11.5

156 Dy [He] No available calibration points

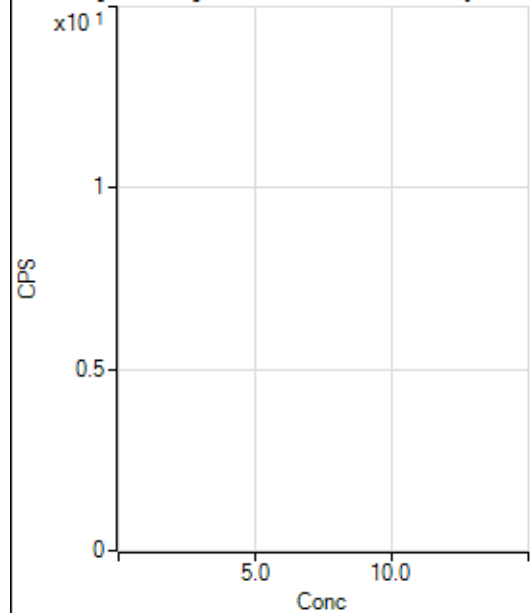
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			1.11		P	173.
4	☐			1.11		P	173.
5	☐			2.22		P	173.
6	☐			6.67		P	100.
7	☐			10.00		P	33.3
8	☐			7.78		P	65.5
9	☐			12.22		P	63.0

160 Gd [No Gas] Noavailable calibration poin_

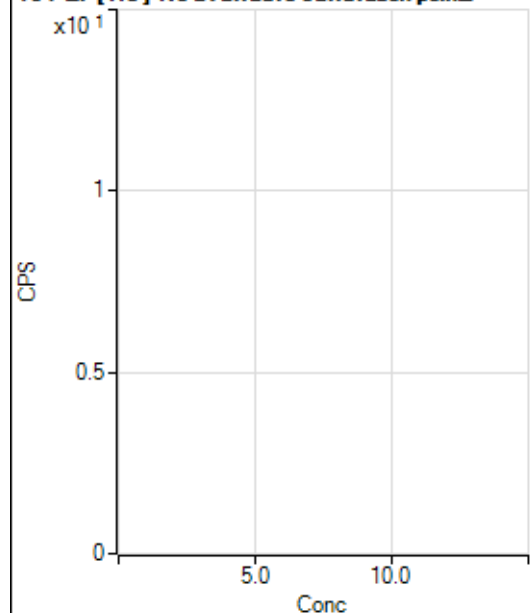
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.23		P	17.6
2	☐						
3	☐			61.11		P	43.8
4	☐			77.78		P	16.4
5	☐			63.89		P	7.5
6	☐			83.34		P	17.3
7	☐			86.12		P	36.6
8	☐			86.12		P	5.6
9	☐			147.23		P	37.7

160 Gd [He] No available calibration points

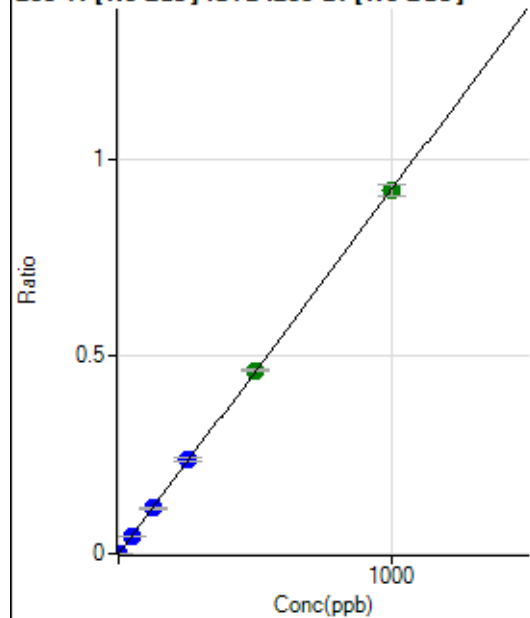
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	NaN
2	☐						
3	☐			11.11		P	75.5
4	☐			11.11		P	45.8
5	☐			13.33		P	25.0
6	☐			13.33		P	50.0
7	☐			10.00		P	33.3
8	☐			17.78		P	28.6
9	☐			25.55		P	41.9

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.22		P	10.2
2	☐						
3	☐			50.00		P	44.1
4	☐			38.89		P	89.2
5	☐			50.00		P	33.3
6	☐			27.78		P	17.3
7	☐			50.00		P	33.3
8	☐			61.12		P	20.8
9	☐			58.33		P	24.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	45.8
2	☐						
3	☐			5.55		P	124.
4	☐			7.78		P	65.5
5	☐			7.78		P	49.5
6	☐			4.44		P	114.
7	☐			10.00		P	66.7
8	☐			6.67		P	50.0
9	☐			4.44		P	43.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	108.34	0.0000	P	24.1
2	☐	0.100					
3	☐	1.000	1.050	5965.60	0.0010	P	7.6
4	☐	50.000	49.213	288314.73	0.0454	P	2.7
5	☐	125.000	125.926	732936.55	0.1160	P	3.7
6	☐	250.000	257.172	1494122.97	0.2369	P	4.3
7	☐	500.000	502.905	3107221.27	0.4633	A	1.2
8	☐	1000.000	996.678	6266459.69	0.9183	A	3.3
9	☐			4509.34	0.0007	P	5.8

$$y = 9.2130E-004 * x + 1.6572E-005$$

$$R = 1.0000$$

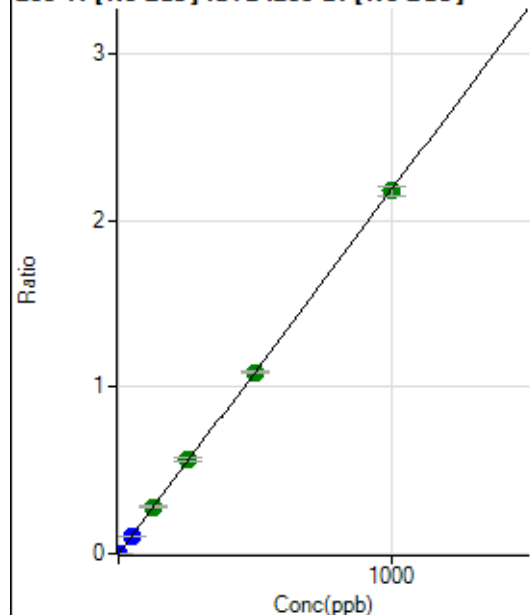
$$DL = 0.013$$

$$BEC = 0.01799$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	305.58	0.0000	P	9.9
2	☐	0.100					
3	☐	1.000	1.018	13758.03	0.0023	P	10.1
4	☐	50.000	49.536	688922.91	0.1084	P	2.6
5	☐	125.000	129.440	1788322.95	0.2831	A	3.8
6	☐	250.000	261.084	3600751.64	0.5710	A	4.2
7	☐	500.000	498.897	7316889.31	1.0911	A	1.2
8	☐	1000.000	997.249	14885146.68	2.1809	A	2.7
9	☐			10771.81	0.0018	P	2.9

$$y = 0.0022 * x + 4.6626E-005$$

$$R = 0.9999$$

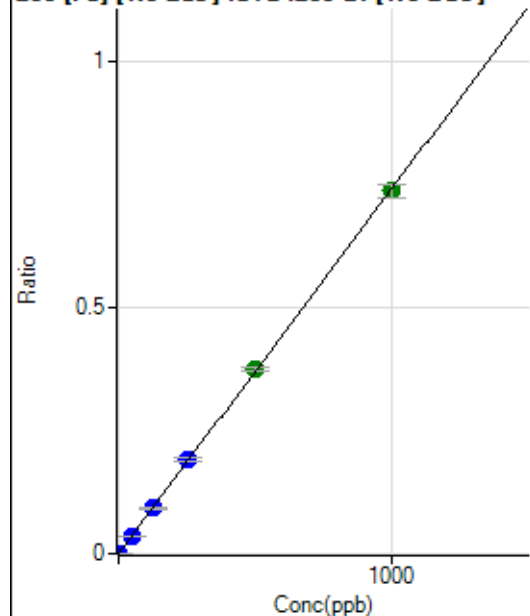
$$DL = 0.00632$$

$$BEC = 0.02132$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	266.68	0.0000	P	6.7
2	☐	0.100					
3	☐	1.000	1.052	4975.20	0.0008	P	7.3
4	☐	50.000	49.356	232942.91	0.0366	P	2.6
5	☐	125.000	124.868	585320.06	0.0926	P	2.8
6	☐	250.000	256.639	1200566.06	0.1904	P	3.9
7	☐	500.000	506.183	2517667.27	0.3754	A	1.7
8	☐	1000.000	995.297	5037536.40	0.7382	A	3.4
9	☐			28705.28	0.0047	P	8.2

$$y = 7.4163E-004 * x + 4.0730E-005$$

$$R = 0.9999$$

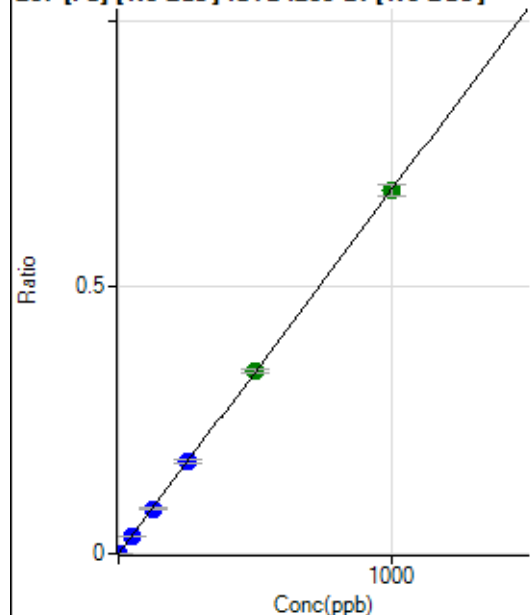
$$DL = 0.01101$$

$$BEC = 0.05492$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	253.71	0.0000	P	8.0
2	☐	0.100					
3	☐	1.000	1.062	4628.78	0.0008	P	6.0
4	☐	50.000	48.932	212414.57	0.0334	P	2.8
5	☐	125.000	123.613	532889.90	0.0844	P	3.4
6	☐	250.000	253.562	1090926.50	0.1730	P	4.2
7	☐	500.000	503.341	2302679.88	0.3434	A	1.9
8	☐	1000.000	997.666	4644691.48	0.6806	A	3.1
9	☐			24373.96	0.0040	P	8.9

$$y = 6.8213\text{E-}004 * x + 3.8763\text{E-}005$$

$$R = 1.0000$$

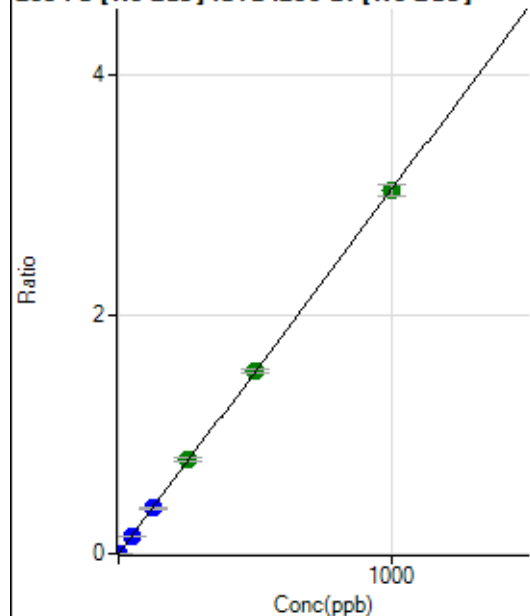
$$DL = 0.01368$$

$$BEC = 0.05683$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1009.31	0.0002	P	7.9
2	☐	0.100					
3	☐	1.000	1.064	20553.48	0.0034	P	4.3
4	☐	50.000	49.148	951582.58	0.1497	P	2.7
5	☐	125.000	124.549	2395061.28	0.3791	P	3.2
6	☐	250.000	259.234	4974949.30	0.7889	A	4.2
7	☐	500.000	502.369	10251774.13	1.5288	A	1.5
8	☐	1000.000	996.606	20696344.44	3.0326	A	3.1
9	☐			113502.80	0.0186	P	8.1

$$y = 0.0030 * x + 1.5420\text{E-}004$$

$$R = 0.9999$$

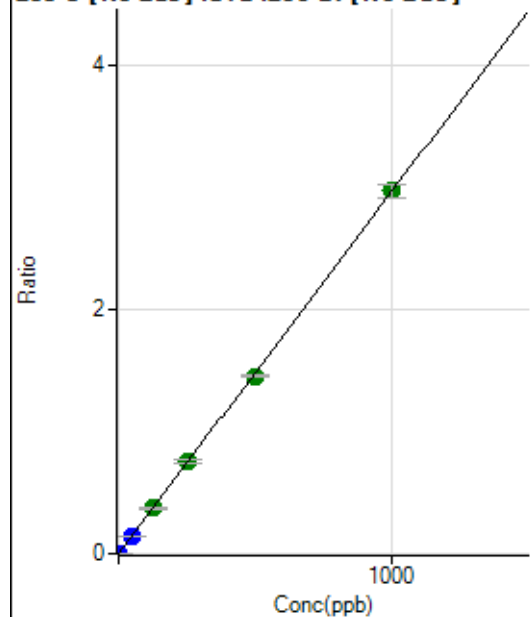
$$DL = 0.01194$$

$$BEC = 0.05068$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	180.57	0.0000	P	7.3
2	☐	0.100					
3	☐	1.000	1.071	19418.75	0.0032	P	5.7
4	☐	50.000	47.890	903273.59	0.1421	P	2.4
5	☐	125.000	125.142	2345376.98	0.3713	A	3.1
6	☐	250.000	256.290	4794852.19	0.7603	A	3.8
7	☐	500.000	490.835	9764652.74	1.4561	A	0.8
8	☐	1000.000	1003.098	20305330.14	2.9757	A	3.7
9	☐			2669.86	0.0004	P	4.5

$$y = 0.0030 * x + 2.7576E-005$$

$$R = 0.9999$$

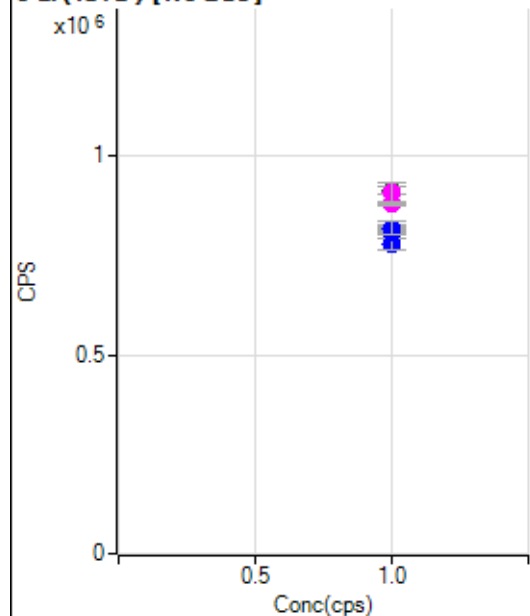
$$DL = 0.002028$$

$$BEC = 0.009296$$

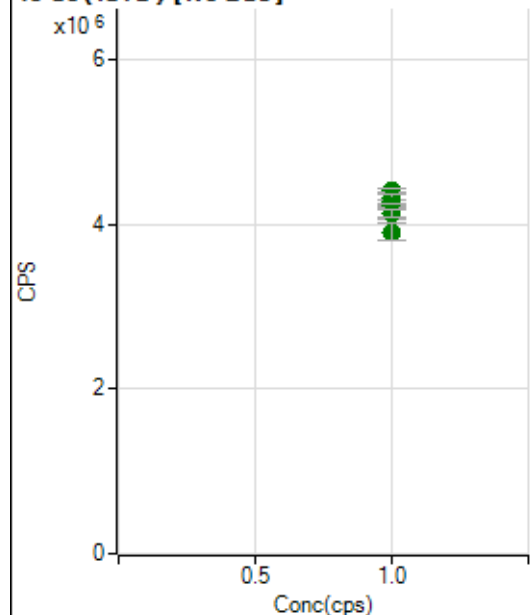
Weight: <None>

Min Conc: 0

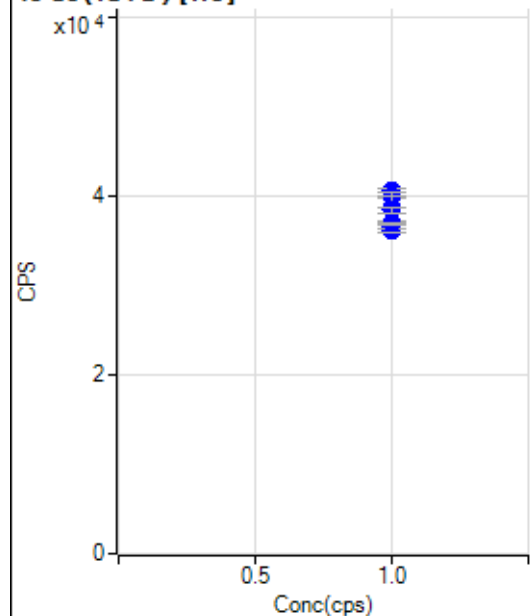
6 Li (ISTD) [No Gas]



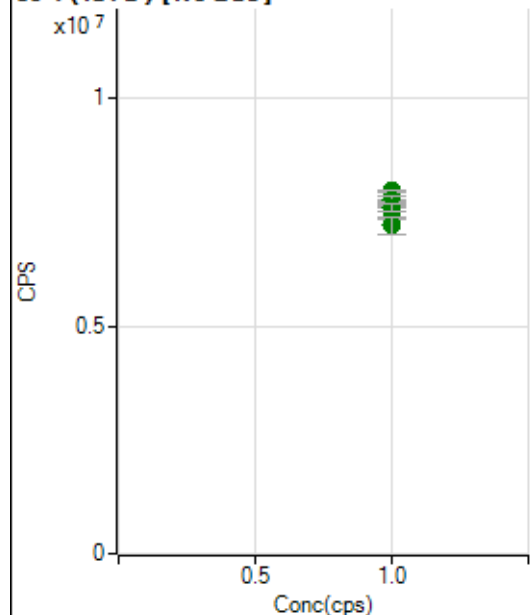
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		818606.38		P	0.8
2	☐	1.000					
3	☐	1.000		779425.32		P	3.6
4	☐	1.000		808407.56		P	0.9
5	☐	1.000		815939.33		P	2.5
6	☐	1.000		818678.56		P	4.0
7	☐	1.000		878001.19		M	0.7
8	☐	1.000		912629.10		A	2.0
9	☐	1.000		907864.99		M	5.4

45 Sc (ISTD) [No Gas]

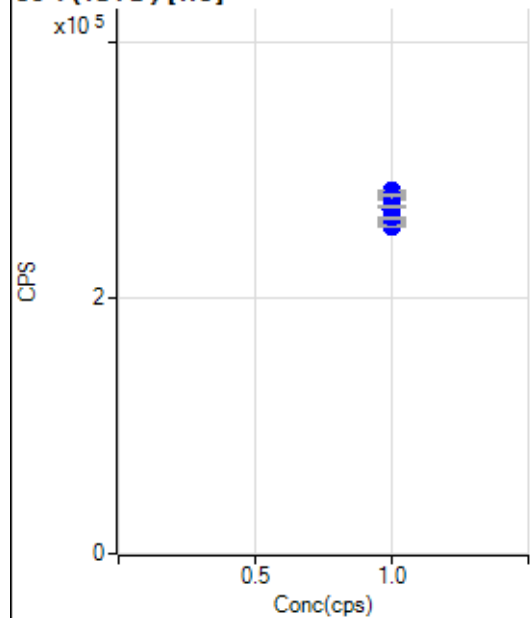
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4404454.83		A	0.9
2	☐	1.000					
3	☐	1.000		4186768.85		A	5.1
4	☐	1.000		4325866.81		A	1.5
5	☐	1.000		4280337.29		A	3.5
6	☐	1.000		4143173.40		A	4.0
7	☐	1.000		4231948.84		A	1.3
8	☐	1.000		4126601.22		A	2.3
9	☐	1.000		3910154.51		A	5.7

45 Sc (ISTD) [He]

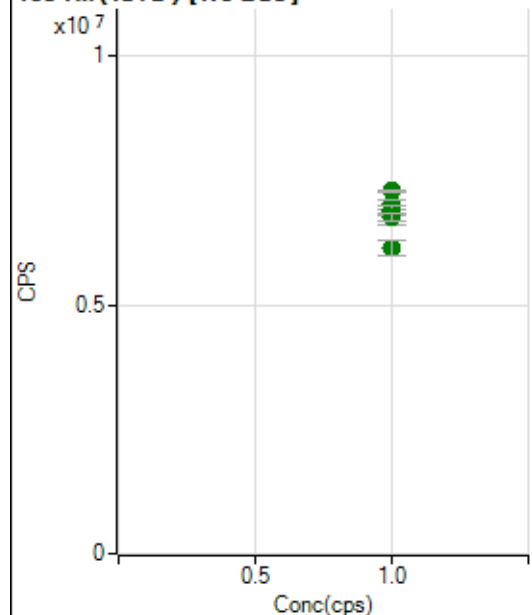
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		40079.45		P	1.7
2	☐	1.000					
3	☐	1.000		40580.93		P	0.9
4	☐	1.000		40011.50		P	0.5
5	☐	1.000		38810.82		P	8.4
6	☐	1.000		38424.85		P	1.3
7	☐	1.000		36543.13		P	0.8
8	☐	1.000		36158.84		P	0.8
9	☐	1.000		36955.32		P	0.7

89 Y (ISTD) [No Gas]

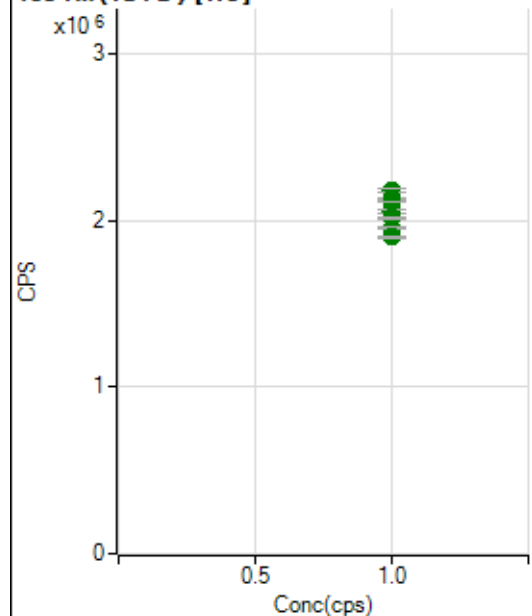
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7976477.38		A	0.7
2	☐	1.000					
3	☐	1.000		7517908.71		A	4.1
4	☐	1.000		7795115.72		A	1.3
5	☐	1.000		7692891.00		A	2.2
6	☐	1.000		7509057.60		A	4.2
7	☐	1.000		7791426.62		A	1.7
8	☐	1.000		7607699.47		A	2.3
9	☐	1.000		7222330.66		A	5.3

89 Y (ISTD) [He]

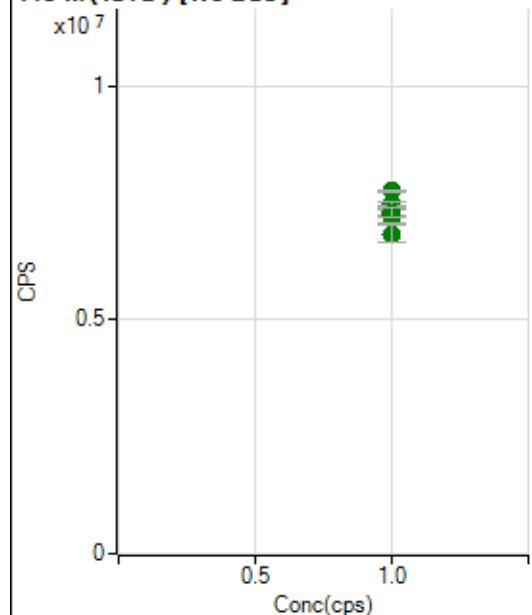
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		277262.76		P	0.9
2	☐	1.000					
3	☐	1.000		283635.35		P	0.6
4	☐	1.000		279773.08		P	0.5
5	☐	1.000		269448.75		P	7.1
6	☐	1.000		270795.43		P	0.4
7	☐	1.000		259844.59		P	0.6
8	☐	1.000		256058.45		P	0.6
9	☐	1.000		262578.61		P	1.0

103 Rh (ISTD) [No Gas]

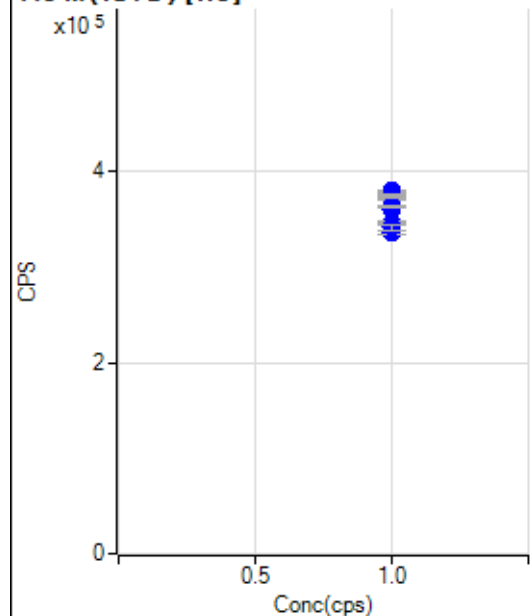
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7286902.85		A	0.7
2	☐	1.000					
3	☐	1.000		6837669.42		A	4.6
4	☐	1.000		7032117.08		A	1.6
5	☐	1.000		6890228.54		A	2.9
6	☐	1.000		6752248.94		A	4.7
7	☐	1.000		6923472.29		A	2.1
8	☐	1.000		6760776.67		A	2.2
9	☐	1.000		6142301.92		A	4.7

103 Rh (ISTD) [He]

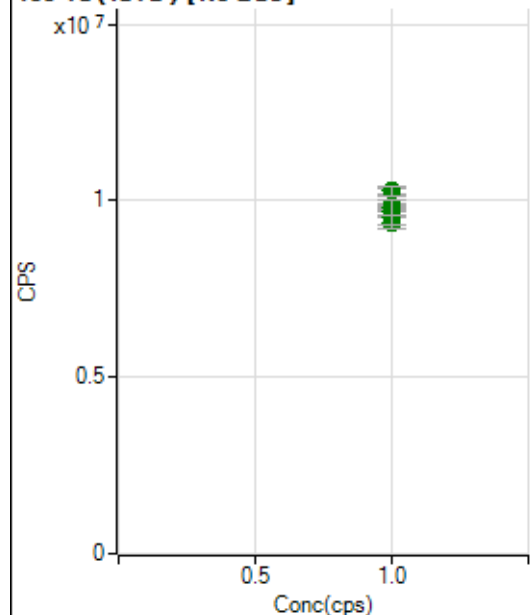
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2176491.09		A	1.0
2	☐	1.000					
3	☐	1.000		2132120.65		A	0.6
4	☐	1.000		2110590.96		A	0.4
5	☐	1.000		2040895.42		A	7.4
6	☐	1.000		2057125.84		A	1.1
7	☐	1.000		2014543.37		A	0.9
8	☐	1.000		1955015.30		A	0.5
9	☐	1.000		1898209.05		A	1.1

115 In (ISTD) [No Gas]

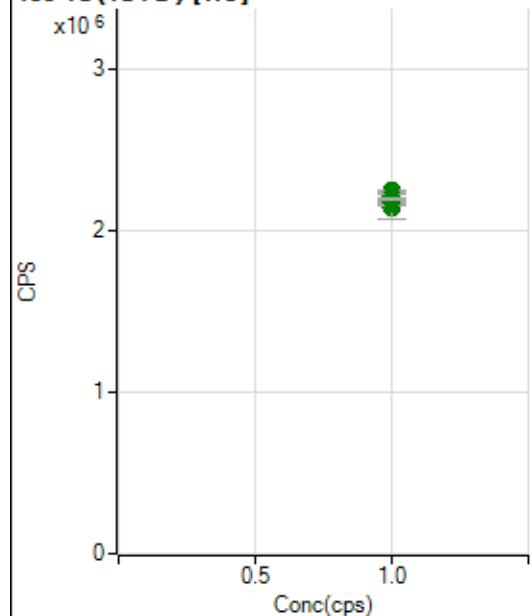
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7754613.64		A	0.4
2	☐	1.000					
3	☐	1.000		7191216.89		A	4.6
4	☐	1.000		7441290.56		A	2.0
5	☐	1.000		7310906.89		A	2.5
6	☐	1.000		7219308.03		A	4.0
7	☐	1.000		7499697.70		A	1.1
8	☐	1.000		7292320.87		A	2.6
9	☐	1.000		6838352.26		A	5.1

115 In (ISTD) [He]

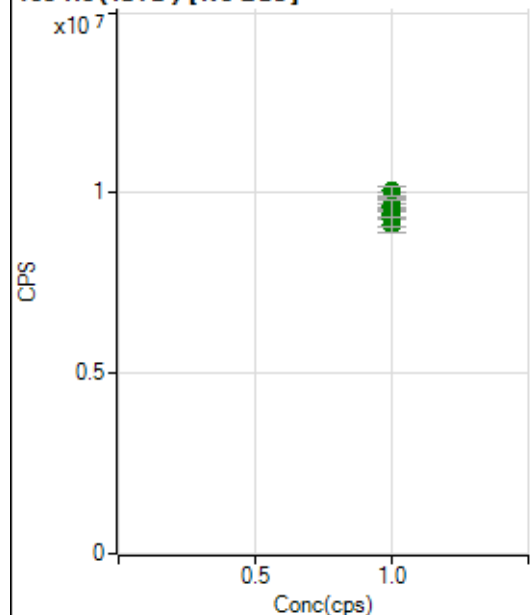
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		370866.70		P	0.8
2	☐	1.000					
3	☐	1.000		379244.66		P	0.4
4	☐	1.000		375204.16		P	0.3
5	☐	1.000		360191.31		P	6.7
6	☐	1.000		362783.30		P	1.0
7	☐	1.000		346255.26		P	0.4
8	☐	1.000		335640.68		P	0.7
9	☐	1.000		340735.24		P	1.4

159 Tb (ISTD) [No Gas]

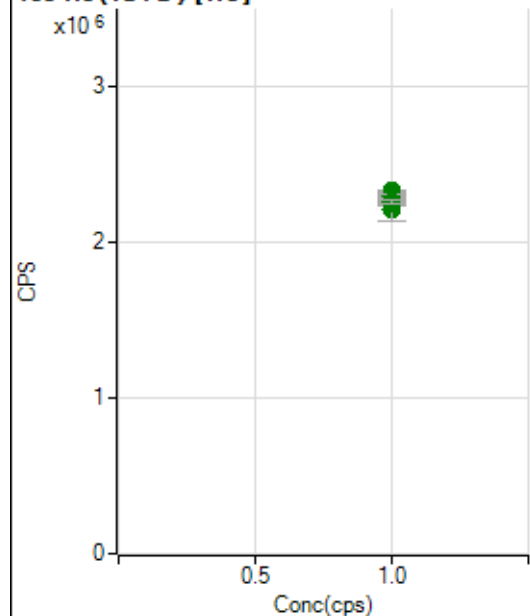
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9865560.62		A	1.4
2	☐	1.000					
3	☐	1.000		9392799.79		A	3.9
4	☐	1.000		9769469.58		A	1.5
5	☐	1.000		9689867.77		A	3.1
6	☐	1.000		9537394.72		A	4.4
7	☐	1.000		10268247.97		A	1.1
8	☐	1.000		10274654.85		A	2.7
9	☐	1.000		9817392.00		A	4.6

159 Tb (ISTD) [He]

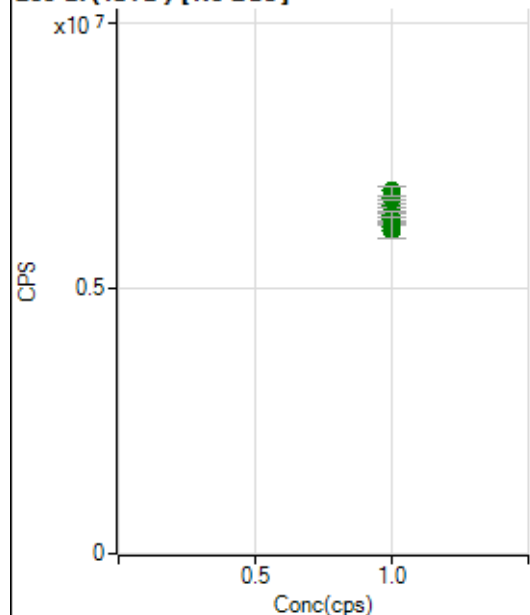
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2245363.45		A	0.6
2	☐	1.000					
3	☐	1.000		2212320.94		A	0.7
4	☐	1.000		2196090.11		A	0.4
5	☐	1.000		2144868.15		A	7.1
6	☐	1.000		2190725.25		A	1.4
7	☐	1.000		2169895.75		A	0.8
8	☐	1.000		2172638.67		A	1.8
9	☐	1.000		2195588.86		A	0.3

165 Ho (ISTD) [No Gas]

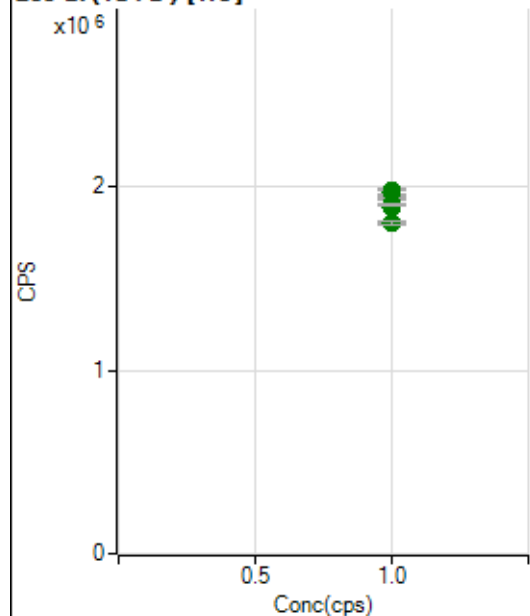
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9621664.80		A	1.3
2	☐	1.000					
3	☐	1.000		9104450.20		A	4.3
4	☐	1.000		9385569.66		A	2.2
5	☐	1.000		9419352.55		A	3.2
6	☐	1.000		9267702.64		A	4.8
7	☐	1.000		9934482.25		A	2.0
8	☐	1.000		10054515.85		A	2.8
9	☐	1.000		9583533.63		A	4.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2327289.55		A	0.8
2	☐	1.000					
3	☐	1.000		2301384.92		A	0.7
4	☐	1.000		2295537.57		A	0.6
5	☐	1.000		2213243.33		A	6.7
6	☐	1.000		2291485.31		A	0.9
7	☐	1.000		2244127.83		A	0.8
8	☐	1.000		2262129.66		A	0.5
9	☐	1.000		2263100.54		A	1.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6548914.07		A	1.1
2	☐	1.000					
3	☐	1.000		6068933.31		A	4.4
4	☐	1.000		6360024.00		A	3.0
5	☐	1.000		6321309.97		A	3.0
6	☐	1.000		6313333.31		A	4.3
7	☐	1.000		6706544.41		A	0.9
8	☐	1.000		6828612.88		A	2.9
9	☐	1.000		6137508.03		A	6.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1978499.88		A	1.4
2	☐	1.000					
3	☐	1.000		1970889.38		A	1.4
4	☐	1.000		1959046.93		A	0.4
5	☐	1.000		1884150.30		A	8.2
6	☐	1.000		1938084.50		A	0.6
7	☐	1.000		1909229.05		A	0.4
8	☐	1.000		1902170.09		A	0.2
9	☐	1.000		1801315.08		A	1.4

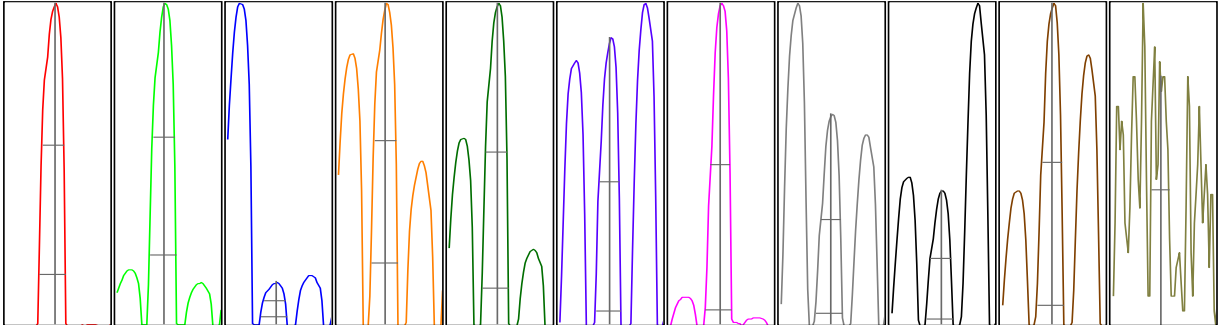
US EPA Tune Check Sample Report

Batch Folder D:\P8091518MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6113	1.75	5.00	
24	333347	1.79	5.00	
25	45565	1.47	5.00	
26	53026	1.14	5.00	
59	73611	1.26	5.00	
113	10876	1.15	5.00	
115	135668	1.35	5.00	
206	31347	1.45	5.00	
207	28786	1.46	5.00	
208	67948	1.64	5.00	
220	1	21.08		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	5978	6160	6030	6154	6242
24	326190	338850	328397	333938	339360
25	44836	46083	44885	45767	46258
26	52451	53668	52322	53217	53472
59	72763	74012	72525	74061	74691
113	10800	11035	10710	10894	10938
115	136230	138535	133717	134920	134938
206	30864	31471	30930	31510	31959
207	28264	28948	28415	29084	29217
208	66798	68489	66837	68252	69364
220	1	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	10284	8.95	8.9 - 9.1		0.753	0.900	
24	555214	23.90	23.9 - 24.1		0.757	0.900	
25	73974	24.95	24.9 - 25.1		0.747	0.900	
26	87556	25.90	25.9 - 26.1		0.755	0.900	
59	127333	58.95	58.9 - 59.1		0.754	0.900	
113	19937	113.00	112.9 - 113.1		0.733	0.900	
115	248249	115.00	114.9 - 115.1		0.751	0.900	
206	57279	206.00	205.9 - 206.1		0.776	0.900	
207	51824	207.00	206.9 - 207.1		0.778	0.900	
208	123941	208.00	207.9 - 208.1		0.774	0.900	
220	1	219.95	-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	11.7	V	Deflect	14.4	V
Extract 2	-240.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-110	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	10773	2.09	
89	8741	2.00	
205	16484	2.22	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	10856	10378	10947	10827	10854
89	8721	8453	8913	8820	8798
205	16626	15840	16750	16567	16635

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	11.7	V	Deflect	2.2	V
Extract 2	-240.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-110	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 16:42:15	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.91	1.61	-2.53	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.03	0.01	0.00	N/A	ppb
Barium	135-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	-0.02	0.04	-0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.60	0.28	-0.88	0.00	N/A	ppb
Boron	11-1	0.23	-0.17	-0.06	0.00	N/A	ppb
Cadmium	111-1	0.02	0.03	-0.05	0.00	N/A	ppb
Cadmium	106-1	0.14	0.52	-0.66	0.00	N/A	ppb
Cadmium	108-1	0.04	0.00	-0.04	0.00	N/A	ppb
Calcium	43-1	3.21	-3.30	0.09	0.00	N/A	ppb
Calcium	44-1	-0.22	-0.07	0.29	0.00	N/A	ppb
Chromium	52-2	0.02	-0.06	0.04	0.00	N/A	ppb
Cobalt	59-2	0.01	0.01	-0.01	0.00	N/A	ppb
Copper	63-2	0.02	0.03	-0.04	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	0.16	0.06	-0.21	0.00	N/A	ppb
Iron	57-2	-0.23	0.07	0.15	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	-0.01	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	-2.62	1.97	0.66	0.00	N/A	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 16:42:15	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.01	-0.06	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.01	0.02	0.00	N/A	ppb
Molybdenum	95-1	0.01	-0.02	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.01	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	0.04	0.11	0.00	N/A	ppb
Phosphorus	31-2	10.59	-10.29	10.29	3.53	339.09	ppb
Potassium	39-2	13.75	-19.50	5.75	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	0.01	-0.01	0.00	0.00	N/A	ppb
Selenium	82-1	0.10	0.07	-0.17	0.00	N/A	ppb
Silicon	28-1	0.27	-0.40	0.13	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	5.33	-2.68	-2.65	0.00	N/A	ppb
Strontium	86-1	0.03	0.00	-0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-357.76	-370.49	-273.05	-333.77		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.04	0.03	0.01	0.00	N/A	ppb
Titanium	47-1	-0.07	0.03	0.04	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.10	0.03	0.07	0.00	N/A	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 16:42:15	DataFile Name :	003CALB.d

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

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 16:49:51	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.72	17.04	21.01	20.26	14.38	ppb
Antimony	121-1	1.98	2.13	2.27	2.13	6.62	ppb
Arsenic	75-2	0.98	1.24	1.28	1.17	13.83	ppb
Barium	135-1	10.13	10.44	10.91	10.49	3.75	ppb
Barium	137-1	10.11	10.52	10.76	10.46	3.16	ppb
Beryllium	9-1	1.17	1.09	1.33	1.20	10.26	ppb
Bismuth	209-1				93		%
Bismuth	209-2				100		%
Boron	10-1	24.17	22.95	28.08	25.07	10.70	ppb
Boron	11-1	25.93	25.19	28.62	26.58	6.80	ppb
Cadmium	111-1	1.34	1.15	1.12	1.20	10.08	ppb
Cadmium	106-1	3.95	1.95	1.70	2.54	48.73	ppb
Cadmium	108-1	1.18	1.32	0.89	1.13	19.09	ppb
Calcium	43-1	440.18	480.55	516.97	479.23	8.01	ppb
Calcium	44-1	455.52	461.69	503.27	473.49	5.48	ppb
Chromium	52-2	2.27	2.12	1.92	2.10	8.25	ppb
Cobalt	59-2	1.09	1.09	1.06	1.08	1.32	ppb
Copper	63-2	2.06	2.07	1.88	2.00	5.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				102		%
Iron	56-2	50.81	52.65	51.55	51.67	1.79	ppb
Iron	57-2	47.30	44.18	45.93	45.80	3.42	ppb
Krypton	83-1						cps
Lead	206-1	1.07	0.96	1.13	1.05	7.72	ppb
Lead	207-1	1.09	0.99	1.11	1.06	6.37	ppb
Lead	208-1	1.06	1.02	1.11	1.06	4.50	ppb
Lithium	6-1				95		%
Magnesium	24-2	487.72	466.21	476.77	476.90	2.26	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 16:49:51	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.05	1.13	1.12	1.10	3.85	ppb
Molybdenum	94-1	4.57	4.85	5.33	4.91	7.82	ppb
Molybdenum	95-1	4.71	5.02	5.44	5.05	7.24	ppb
Molybdenum	96-1	5.02	5.02	5.49	5.18	5.26	ppb
Molybdenum	97-1	4.67	4.84	5.31	4.94	6.73	ppb
Molybdenum	98-1	5.02	5.02	5.27	5.10	2.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.75	0.63	0.63	0.67	10.19	ppb
Phosphorus	31-2	-10.29	9.99	-10.29	-3.53		ppb
Potassium	39-2	524.44	510.49	513.56	516.16	1.42	ppb
Rhodium	103-1				94		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				101		%
Selenium	77-2	4.99	4.95	0.00	3.31	86.61	ppb
Selenium	78-2	4.88	2.40	3.26	3.51	35.75	ppb
Selenium	82-1	5.95	5.18	6.05	5.72	8.36	ppb
Silicon	28-1	15.65	16.56	28.10	20.11	34.53	ppb
Silver	109-1	1.02	1.08	1.14	1.08	5.45	ppb
Silver	107-1	1.07	1.08	1.09	1.08	0.66	ppb
Sodium	23-2	517.28	486.50	496.77	500.18	3.13	ppb
Strontium	86-1	1.03	1.01	1.04	1.03	1.45	ppb
Strontium	88-1	0.98	1.01	1.10	1.03	6.15	ppb
Sulfur	34-1	-258.97	-21.20	1281.47	333.77	248.47	ppb
Terbium	159-1				95		%
Terbium	159-2				99		%
Thallium	203-1	0.96	1.09	1.10	1.05	7.76	ppb
Thallium	205-1	0.93	0.99	1.13	1.02	10.30	ppb
Tin	118-1	5.08	5.13	5.63	5.28	5.75	ppb
Titanium	47-1	4.94	4.85	5.40	5.06	5.89	ppb
Uranium	238-1	1.06	1.02	1.14	1.07	5.72	ppb
Vanadium	51-2	4.77	4.92	5.12	4.94	3.56	ppb
Yttrium	89-1				94		%
Yttrium	89-2				102		%
Zinc	66-2	2.53	2.27	2.32	2.38	5.89	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 16:49:51	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.95	0.94	1.00	0.96	3.27	ppb
Zirconium	91-1	0.84	0.98	1.07	0.96	12.28	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 16:53:36	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1010.43	999.04	970.21	993.23	2.09	ppb
Antimony	121-1	49.80	51.46	51.47	50.91	1.89	ppb
Arsenic	75-2	52.60	51.35	53.39	52.45	1.96	ppb
Barium	135-1	249.49	256.52	258.22	254.74	1.82	ppb
Barium	137-1	254.16	258.27	260.11	257.51	1.18	ppb
Beryllium	9-1	54.95	57.08	56.95	56.33	2.12	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	50.04	54.87	57.14	54.02	6.71	ppb
Boron	11-1	52.80	53.82	56.01	54.21	3.02	ppb
Cadmium	111-1	52.48	52.82	53.69	52.99	1.18	ppb
Cadmium	106-1	58.24	53.70	58.78	56.91	4.90	ppb
Cadmium	108-1	49.96	56.45	55.54	53.98	6.51	ppb
Calcium	43-1	4589.28	4798.98	4783.89	4724.05	2.48	ppb
Calcium	44-1	4628.68	4810.94	4769.57	4736.40	2.02	ppb
Chromium	52-2	53.89	54.73	54.39	54.33	0.78	ppb
Cobalt	59-2	51.35	51.92	51.35	51.54	0.64	ppb
Copper	63-2	103.15	104.16	102.92	103.41	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				101		%
Iron	56-2	2587.15	2607.92	2578.76	2591.28	0.58	ppb
Iron	57-2	2599.97	2610.36	2570.37	2593.57	0.80	ppb
Krypton	83-1						cps
Lead	206-1	47.90	50.31	49.86	49.36	2.60	ppb
Lead	207-1	47.34	49.76	49.69	48.93	2.82	ppb
Lead	208-1	47.60	49.94	49.90	49.15	2.73	ppb
Lithium	6-1				99		%
Magnesium	24-2	5080.29	5121.06	5028.73	5076.70	0.91	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 16:53:36	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	103.97	104.02	102.26	103.42	0.97	ppb
Molybdenum	94-1	244.96	251.39	247.40	247.92	1.31	ppb
Molybdenum	95-1	245.54	250.87	246.50	247.64	1.15	ppb
Molybdenum	96-1	243.84	252.70	248.98	248.51	1.79	ppb
Molybdenum	97-1	241.72	249.31	247.71	246.25	1.62	ppb
Molybdenum	98-1	243.57	250.28	248.57	247.47	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.58	53.05	52.45	52.69	0.60	ppb
Phosphorus	31-2	1016.70	1107.82	1221.38	1115.30	9.19	ppb
Potassium	39-2	2684.50	2663.02	2662.00	2669.84	0.48	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	77-2	40.45	71.15	45.28	52.29	31.57	ppb
Selenium	78-2	51.18	37.34	48.47	45.66	16.06	ppb
Selenium	82-1	49.91	52.48	51.17	51.18	2.51	ppb
Silicon	28-1	57.40	62.10	61.69	60.39	4.31	ppb
Silver	109-1	52.80	53.98	54.31	53.70	1.47	ppb
Silver	107-1	53.17	54.38	54.41	53.99	1.31	ppb
Sodium	23-2	5115.13	5071.62	5063.25	5083.33	0.55	ppb
Strontium	86-1	48.64	50.06	50.39	49.70	1.87	ppb
Strontium	88-1	49.40	51.03	50.69	50.37	1.70	ppb
Sulfur	34-1	685.65	1144.28	1192.81	1007.58	27.77	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	47.67	49.97	49.99	49.21	2.71	ppb
Thallium	205-1	48.05	50.29	50.27	49.54	2.59	ppb
Tin	118-1	50.81	51.72	52.02	51.52	1.22	ppb
Titanium	47-1	242.87	254.53	253.44	250.28	2.57	ppb
Uranium	238-1	46.59	48.69	48.39	47.89	2.37	ppb
Vanadium	51-2	51.50	52.43	49.87	51.27	2.53	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	103.57	104.28	104.00	103.95	0.35	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 16:53:36	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	48.17	49.44	49.24	48.95	1.39	ppb
Zirconium	91-1	46.95	49.52	49.44	48.64	3.01	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 16:57:21	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2415.51	2782.51	2336.50	2511.51	9.48	ppb
Antimony	121-1	135.18	130.85	126.35	130.79	3.37	ppb
Arsenic	75-2	128.53	143.72	127.30	133.19	6.87	ppb
Barium	135-1	679.53	645.86	629.58	651.66	3.91	ppb
Barium	137-1	694.62	650.66	641.69	662.32	4.28	ppb
Beryllium	9-1	143.92	140.12	134.13	139.39	3.54	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	133.49	140.23	132.96	135.56	2.99	ppb
Boron	11-1	135.20	136.78	134.53	135.51	0.85	ppb
Cadmium	111-1	139.10	134.33	128.58	134.00	3.93	ppb
Cadmium	106-1	142.11	136.68	128.73	135.84	4.95	ppb
Cadmium	108-1	138.59	133.84	132.24	134.89	2.45	ppb
Calcium	43-1	12245.39	11820.04	11351.56	11805.66	3.79	ppb
Calcium	44-1	12305.26	11797.76	11438.38	11847.13	3.68	ppb
Chromium	52-2	127.97	148.51	125.79	134.09	9.35	ppb
Cobalt	59-2	125.13	144.35	122.60	130.69	9.10	ppb
Copper	63-2	245.80	286.99	246.59	259.79	9.07	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				95		%
Indium	115-1				94		%
Indium	115-2				97		%
Iron	56-2	6274.64	7334.38	6291.07	6633.36	9.15	ppb
Iron	57-2	6171.66	7018.10	6069.00	6419.59	8.11	ppb
Krypton	83-1						cps
Lead	206-1	127.82	125.78	121.00	124.87	2.80	ppb
Lead	207-1	127.13	124.84	118.87	123.61	3.45	ppb
Lead	208-1	128.11	125.29	120.25	124.55	3.20	ppb
Lithium	6-1				100		%
Magnesium	24-2	12090.63	14098.81	11909.32	12699.59	9.57	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 16:57:21	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	247.95	296.43	247.34	263.91	10.67	ppb
Molybdenum	94-1	662.75	630.04	620.13	637.64	3.50	ppb
Molybdenum	95-1	659.73	642.96	619.94	640.88	3.12	ppb
Molybdenum	96-1	663.41	640.00	612.80	638.74	3.96	ppb
Molybdenum	97-1	642.83	613.67	600.89	619.13	3.47	ppb
Molybdenum	98-1	644.47	628.32	625.07	632.62	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.96	144.80	124.72	131.82	8.53	ppb
Phosphorus	31-2	2654.08	3043.93	3014.64	2904.22	7.48	ppb
Potassium	39-2	6276.76	7449.06	6223.63	6649.82	10.42	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	157.30	194.33	145.45	165.69	15.39	ppb
Selenium	78-2	120.97	160.64	122.85	134.82	16.60	ppb
Selenium	82-1	129.33	129.49	126.24	128.35	1.43	ppb
Silicon	28-1	157.40	151.53	143.71	150.88	4.55	ppb
Silver	109-1	140.51	134.66	130.03	135.06	3.89	ppb
Silver	107-1	140.00	135.14	130.87	135.34	3.38	ppb
Sodium	23-2	12409.71	14322.20	12151.67	12961.19	9.15	ppb
Strontium	86-1	129.32	126.41	122.25	125.99	2.82	ppb
Strontium	88-1	134.34	129.71	125.97	130.01	3.23	ppb
Sulfur	34-1	3278.65	2926.37	2146.73	2783.91	20.81	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	129.51	127.63	120.63	125.93	3.72	ppb
Thallium	205-1	133.28	131.22	123.82	129.44	3.84	ppb
Tin	118-1	135.92	130.91	125.99	130.94	3.79	ppb
Titanium	47-1	661.01	638.74	614.14	637.96	3.68	ppb
Uranium	238-1	128.23	126.33	120.86	125.14	3.06	ppb
Vanadium	51-2	125.96	144.83	124.49	131.76	8.61	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	250.48	293.66	247.35	263.83	9.81	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 16:57:21	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	130.38	126.69	122.01	126.36	3.32	ppb
Zirconium	91-1	130.77	126.03	121.87	126.22	3.53	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:00:59	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4817.63	4935.70	4766.43	4839.92	1.79	ppb
Antimony	121-1	286.81	268.58	258.04	271.14	5.37	ppb
Arsenic	75-2	256.55	256.22	256.32	256.36	0.07	ppb
Barium	135-1	1428.22	1326.25	1297.61	1350.69	5.08	ppb
Barium	137-1	1402.37	1318.38	1302.40	1341.05	4.00	ppb
Beryllium	9-1	292.01	271.06	266.66	276.58	4.90	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	10-1	273.54	266.79	270.50	270.27	1.25	ppb
Boron	11-1	285.13	268.64	268.38	274.05	3.50	ppb
Cadmium	111-1	285.44	266.38	261.99	271.27	4.60	ppb
Cadmium	106-1	285.21	266.70	264.44	272.11	4.19	ppb
Cadmium	108-1	294.29	266.45	264.49	275.08	6.06	ppb
Calcium	43-1	25278.47	23940.28	23085.39	24101.38	4.59	ppb
Calcium	44-1	25152.51	23688.83	23026.14	23955.83	4.54	ppb
Chromium	52-2	253.57	259.02	249.35	253.98	1.91	ppb
Cobalt	59-2	253.98	261.21	251.97	255.72	1.90	ppb
Copper	63-2	501.95	519.92	500.66	507.51	2.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				98		%
Iron	56-2	12594.46	12887.58	12668.27	12716.77	1.20	ppb
Iron	57-2	12650.23	12760.66	12231.01	12547.30	2.23	ppb
Krypton	83-1						cps
Lead	206-1	267.94	252.92	249.06	256.64	3.89	ppb
Lead	207-1	265.89	248.62	246.18	253.56	4.24	ppb
Lead	208-1	271.45	255.76	250.50	259.23	4.20	ppb
Lithium	6-1				100		%
Magnesium	24-2	24563.02	25160.09	24435.39	24719.50	1.57	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:00:59	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	509.34	524.72	505.84	513.30	1.96	ppb
Molybdenum	94-1	1362.63	1292.57	1268.60	1307.93	3.74	ppb
Molybdenum	95-1	1378.29	1285.79	1255.26	1306.45	4.90	ppb
Molybdenum	96-1	1368.34	1270.71	1251.88	1296.98	4.82	ppb
Molybdenum	97-1	1376.73	1298.28	1270.76	1315.26	4.18	ppb
Molybdenum	98-1	1352.40	1258.34	1233.76	1281.50	4.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	252.68	259.84	253.20	255.24	1.57	ppb
Phosphorus	31-2	4689.48	6347.53	5398.71	5478.58	15.18	ppb
Potassium	39-2	12803.60	12987.22	12526.46	12772.43	1.82	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	77-2	224.00	286.71	188.98	233.23	21.23	ppb
Selenium	78-2	267.14	245.19	234.07	248.80	6.76	ppb
Selenium	82-1	274.79	259.70	249.42	261.30	4.88	ppb
Silicon	28-1	312.70	291.87	286.72	297.10	4.63	ppb
Silver	109-1	293.62	272.73	267.02	277.79	5.04	ppb
Silver	107-1	294.34	273.88	270.74	279.65	4.58	ppb
Sodium	23-2	25401.38	26199.07	25247.52	25615.99	1.99	ppb
Strontium	86-1	269.63	250.82	246.43	255.63	4.82	ppb
Strontium	88-1	273.63	257.94	250.54	260.71	4.52	ppb
Sulfur	34-1	6885.40	5540.48	5138.62	5854.83	15.63	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	269.35	254.09	248.08	257.17	4.27	ppb
Thallium	205-1	273.39	257.01	252.85	261.08	4.16	ppb
Tin	118-1	283.40	264.72	259.24	269.12	4.71	ppb
Titanium	47-1	1371.82	1283.52	1249.45	1301.60	4.85	ppb
Uranium	238-1	267.10	253.36	248.41	256.29	3.78	ppb
Vanadium	51-2	252.08	259.75	250.81	254.21	1.90	ppb
Yttrium	89-1				94		%
Yttrium	89-2				98		%
Zinc	66-2	510.36	525.70	499.68	511.91	2.55	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:00:59	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	279.46	261.25	252.82	264.51	5.15	ppb
Zirconium	91-1	269.43	251.54	247.28	256.09	4.59	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:04:32	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9795.56	9714.04	9694.64	9734.75	0.55	ppb
Antimony	121-1	500.36	503.97	507.37	503.90	0.70	ppb
Arsenic	75-2	511.28	505.81	501.30	506.13	0.99	ppb
Barium	135-1	2469.28	2560.56	2538.55	2522.80	1.89	ppb
Barium	137-1	2445.72	2522.31	2499.88	2489.31	1.58	ppb
Beryllium	9-1	510.42	520.72	517.76	516.30	1.03	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	10-1	518.58	515.04	517.51	517.04	0.35	ppb
Boron	11-1	499.86	515.63	523.90	513.13	2.38	ppb
Cadmium	111-1	496.04	507.47	503.41	502.30	1.15	ppb
Cadmium	106-1	497.14	517.53	506.03	506.90	2.02	ppb
Cadmium	108-1	502.34	510.27	503.55	505.39	0.85	ppb
Calcium	43-1	45523.98	46572.74	46563.62	46220.11	1.30	ppb
Calcium	44-1	45255.38	45860.14	46206.66	45774.06	1.05	ppb
Chromium	52-2	508.59	508.93	513.14	510.22	0.50	ppb
Cobalt	59-2	507.54	509.30	514.31	510.38	0.69	ppb
Copper	63-2	1015.57	1020.18	1027.75	1021.17	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				103		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	25457.35	25552.87	25782.62	25597.62	0.65	ppb
Iron	57-2	24859.33	25110.02	25203.19	25057.51	0.71	ppb
Krypton	83-1						cps
Lead	206-1	496.72	514.01	507.82	506.18	1.73	ppb
Lead	207-1	493.73	512.35	503.94	503.34	1.85	ppb
Lead	208-1	494.28	508.62	504.21	502.37	1.46	ppb
Lithium	6-1				107		%
Magnesium	24-2	49677.87	50082.57	50406.77	50055.74	0.73	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:04:32	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1019.26	1030.46	1021.82	1023.84	0.57	ppb
Molybdenum	94-1	2432.13	2455.45	2486.52	2458.03	1.11	ppb
Molybdenum	95-1	2421.77	2472.86	2495.48	2463.37	1.53	ppb
Molybdenum	96-1	2449.20	2470.37	2539.01	2486.19	1.89	ppb
Molybdenum	97-1	2435.59	2474.29	2562.08	2490.65	2.60	ppb
Molybdenum	98-1	2435.68	2456.96	2510.61	2467.75	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.59	512.15	517.79	512.18	1.09	ppb
Phosphorus	31-2	10620.88	9987.72	10658.01	10422.21	3.61	ppb
Potassium	39-2	24793.63	25037.50	25207.46	25012.87	0.83	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				91		%
Selenium	77-2	503.49	501.43	465.22	490.05	4.39	ppb
Selenium	78-2	496.98	476.24	498.31	490.51	2.52	ppb
Selenium	82-1	492.98	503.91	504.90	500.60	1.32	ppb
Silicon	28-1	537.81	549.15	550.27	545.74	1.26	ppb
Silver	109-1	501.38	514.78	514.40	510.19	1.50	ppb
Silver	107-1	506.66	519.29	518.71	514.89	1.38	ppb
Sodium	23-2	50113.07	50504.41	51021.06	50546.18	0.90	ppb
Strontium	86-1	480.60	489.51	497.79	489.30	1.76	ppb
Strontium	88-1	487.96	495.47	504.31	495.91	1.65	ppb
Sulfur	34-1	9671.03	10037.67	10014.38	9907.69	2.07	ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	496.60	508.42	503.69	502.91	1.18	ppb
Thallium	205-1	492.39	500.73	503.57	498.90	1.16	ppb
Tin	118-1	495.63	508.53	510.76	504.97	1.62	ppb
Titanium	47-1	2447.20	2523.03	2522.67	2497.63	1.75	ppb
Uranium	238-1	486.08	493.25	493.18	490.84	0.84	ppb
Vanadium	51-2	508.48	508.97	511.64	509.70	0.33	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	1017.37	1034.52	1034.67	1028.86	0.97	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:04:32	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	491.81	493.10	501.59	495.50	1.07	ppb
Zirconium	91-1	483.45	488.67	500.06	490.73	1.73	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:08:00	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18787.26	18761.41	19013.49	18854.05	0.74	ppb
Antimony	121-1	969.55	976.57	1029.86	991.99	3.32	ppb
Arsenic	75-2	1003.73	978.89	999.98	994.20	1.35	ppb
Barium	135-1	4837.66	4912.91	5129.00	4959.86	3.05	ppb
Barium	137-1	4858.95	4899.04	5174.63	4977.54	3.45	ppb
Beryllium	9-1	993.20	961.73	994.34	983.09	1.88	ppb
Bismuth	209-1				104		%
Bismuth	209-2				96		%
Boron	10-1	979.44	948.92	1026.30	984.89	3.96	ppb
Boron	11-1	970.49	968.27	1018.82	985.86	2.90	ppb
Cadmium	111-1	980.94	978.27	1017.56	992.25	2.21	ppb
Cadmium	106-1	966.31	975.10	1026.55	989.32	3.29	ppb
Cadmium	108-1	961.62	983.09	1024.10	989.60	3.21	ppb
Calcium	43-1	90839.27	90525.26	96512.75	92625.76	3.64	ppb
Calcium	44-1	90571.82	89752.43	94039.05	91454.43	2.49	ppb
Chromium	52-2	986.23	987.14	1004.26	992.54	1.02	ppb
Cobalt	59-2	987.83	987.32	1002.62	992.59	0.88	ppb
Copper	63-2	1982.93	1971.41	2004.10	1986.14	0.83	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				104		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	49093.23	49198.02	49730.56	49340.60	0.69	ppb
Iron	57-2	48427.34	48547.89	49298.29	48757.84	0.97	ppb
Krypton	83-1						cps
Lead	206-1	978.20	973.46	1034.23	995.30	3.40	ppb
Lead	207-1	979.56	979.81	1033.63	997.67	3.12	ppb
Lead	208-1	983.17	974.89	1031.76	996.61	3.08	ppb
Lithium	6-1				111		%
Magnesium	24-2	96276.20	95659.80	96734.40	96223.47	0.56	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:08:00	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1967.60	1972.77	2008.16	1982.84	1.11	ppb
Molybdenum	94-1	4926.06	4937.51	5151.51	5005.02	2.54	ppb
Molybdenum	95-1	4947.31	4915.01	5144.69	5002.34	2.49	ppb
Molybdenum	96-1	4941.07	4931.92	5107.57	4993.52	1.98	ppb
Molybdenum	97-1	4959.92	4893.39	5114.54	4989.28	2.27	ppb
Molybdenum	98-1	4958.47	4923.07	5140.73	5007.42	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	984.15	991.72	998.97	991.61	0.75	ppb
Phosphorus	31-2	19650.10	19303.81	19884.98	19612.96	1.49	ppb
Potassium	39-2	47983.77	48291.10	48269.76	48181.54	0.36	ppb
Rhodium	103-1				93		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				90		%
Selenium	77-2	1079.81	894.69	1037.43	1003.98	9.66	ppb
Selenium	78-2	1011.13	980.74	1020.25	1004.04	2.06	ppb
Selenium	82-1	983.43	984.32	1021.42	996.39	2.18	ppb
Silicon	28-1	949.20	944.70	990.60	961.50	2.63	ppb
Silver	109-1	972.86	969.36	1017.33	986.52	2.71	ppb
Silver	107-1	963.28	972.02	1015.65	983.65	2.85	ppb
Sodium	23-2	97115.20	96363.41	97554.84	97011.15	0.62	ppb
Strontium	86-1	989.95	987.69	1033.86	1003.83	2.59	ppb
Strontium	88-1	985.18	977.04	1033.94	998.72	3.08	ppb
Sulfur	34-1	19504.24	19271.18	20614.32	19796.58	3.63	ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	983.61	972.40	1034.02	996.68	3.29	ppb
Thallium	205-1	988.62	976.14	1026.98	997.25	2.66	ppb
Tin	118-1	967.25	986.11	1022.37	991.91	2.82	ppb
Titanium	47-1	4952.44	4844.53	5162.98	4986.65	3.25	ppb
Uranium	238-1	984.31	978.91	1046.08	1003.10	3.72	ppb
Vanadium	51-2	986.03	990.60	1002.94	993.19	0.88	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	1972.66	1965.92	2003.41	1980.67	1.01	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:08:00	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	984.40	990.56	1020.56	998.51	1.94	ppb
Zirconium	91-1	986.98	984.03	1038.08	1003.03	3.03	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:11:25	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100740.01	100260.73	99789.76	100263.50	0.47	ppb
Antimony	121-1	3.03	2.87	3.04	2.98	3.24	ppb
Arsenic	75-2	1.55	1.94	2.00	1.83	13.41	ppb
Barium	135-1	1.03	1.22	1.11	1.12	8.87	ppb
Barium	137-1	1.27	0.99	1.24	1.17	13.28	ppb
Beryllium	9-1	0.50	0.59	0.57	0.55	8.90	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	55.45	54.83	53.75	54.68	1.57	ppb
Boron	11-1	53.33	51.90	52.46	52.56	1.37	ppb
Cadmium	111-1	0.21	0.36	0.28	0.28	27.09	ppb
Cadmium	106-1	-0.31	1.37	0.87	0.64	135.00	ppb
Cadmium	108-1	0.48	0.50	0.45	0.48	4.76	ppb
Calcium	43-1	481399.99	484770.52	539583.21	501917.91	6.51	ppb
Calcium	44-1	480631.76	485441.07	540535.87	502202.90	6.63	ppb
Chromium	52-2	45.91	45.64	45.41	45.65	0.55	ppb
Cobalt	59-2	12.55	12.28	12.14	12.33	1.68	ppb
Copper	63-2	3.92	3.99	4.02	3.97	1.26	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				97		%
Indium	115-1				88		%
Indium	115-2				92		%
Iron	56-2	252174.39	249022.52	248955.44	250050.78	0.74	ppb
Iron	57-2	250987.38	249987.16	249730.88	250235.14	0.27	ppb
Krypton	83-1						cps
Lead	206-1	6.01	5.94	6.87	6.27	8.29	ppb
Lead	207-1	5.52	5.45	6.38	5.79	8.94	ppb
Lead	208-1	5.78	5.75	6.62	6.05	8.14	ppb
Lithium	6-1				111		%
Magnesium	24-2	502967.86	499349.25	499956.96	500758.02	0.39	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:11:25	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	9.51	10.12	10.35	9.99	4.37	ppb
Molybdenum	94-1	7.43	7.11	8.06	7.53	6.43	ppb
Molybdenum	95-1	10.41	9.79	11.02	10.41	5.92	ppb
Molybdenum	96-1	9.98	10.00	10.94	10.30	5.33	ppb
Molybdenum	97-1	9.61	9.72	10.58	9.97	5.36	ppb
Molybdenum	98-1	10.24	9.75	10.70	10.23	4.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.65	35.30	35.38	35.78	2.12	ppb
Phosphorus	31-2	-10.29	12.03	33.97	11.90	185.93	ppb
Potassium	39-2	252774.69	248688.41	249548.07	250337.06	0.86	ppb
Rhodium	103-1				84		%
Rhodium	103-2				87		%
Scandium	45-1				89		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	5.35	1.78	173.21	ppb
Selenium	78-2	-0.83	2.67	0.91	0.92	190.90	ppb
Selenium	82-1	1.15	0.91	0.85	0.97	16.46	ppb
Silicon	28-1	28.93	30.90	44.30	34.71	24.10	ppb
Silver	109-1	0.14	0.11	0.11	0.12	16.90	ppb
Silver	107-1	0.13	0.14	0.15	0.14	7.89	ppb
Sodium	23-2	502091.49	500494.95	498913.53	500499.99	0.32	ppb
Strontium	86-1	4.65	4.39	5.49	4.84	11.86	ppb
Strontium	88-1	4.76	4.73	5.26	4.92	6.01	ppb
Sulfur	34-1	-916.77	-488.37	850.46	-184.89		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.75	0.76	0.83	0.78	5.94	ppb
Thallium	205-1	0.81	0.76	0.78	0.78	2.99	ppb
Tin	118-1	2.57	2.67	2.77	2.67	3.70	ppb
Titanium	47-1	2.35	2.87	2.69	2.64	9.90	ppb
Uranium	238-1	0.14	0.14	0.13	0.14	4.76	ppb
Vanadium	51-2	0.53	0.47	0.49	0.50	6.37	ppb
Yttrium	89-1				91		%
Yttrium	89-2				95		%
Zinc	66-2	17.26	15.77	16.26	16.43	4.61	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:11:25	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.29	0.25	0.24	0.26	9.76	ppb
Zirconium	91-1	0.20	0.22	0.27	0.23	16.37	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:14:56	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	510.62	515.48	515.04	513.71	0.52	ppb
Antimony	121-1	194.99	198.12	195.26	196.13	0.88	ppb
Arsenic	75-2	197.67	196.99	198.71	197.79	0.44	ppb
Barium	135-1	98.19	99.13	98.47	98.60	0.49	ppb
Barium	137-1	100.74	101.26	99.48	100.49	0.91	ppb
Beryllium	9-1	97.37	95.50	96.24	96.37	0.98	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	483.92	490.74	505.23	493.30	2.21	ppb
Boron	11-1	482.82	496.71	507.17	495.57	2.46	ppb
Cadmium	111-1	102.44	105.69	103.18	103.77	1.64	ppb
Cadmium	106-1	152.33	159.76	157.47	156.52	2.43	ppb
Cadmium	108-1	132.83	125.32	128.20	128.78	2.94	ppb
Calcium	43-1	2024.57	2042.25	1974.43	2013.75	1.75	ppb
Calcium	44-1	1946.45	1934.54	1923.27	1934.75	0.60	ppb
Chromium	52-2	100.18	96.97	95.88	97.67	2.29	ppb
Cobalt	59-2	101.25	99.05	98.94	99.74	1.31	ppb
Copper	63-2	101.51	98.87	99.31	99.90	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	1068.57	1047.07	1047.82	1054.49	1.16	ppb
Iron	57-2	1072.22	1026.17	1023.22	1040.54	2.64	ppb
Krypton	83-1						cps
Lead	206-1	200.25	202.84	201.27	201.45	0.65	ppb
Lead	207-1	189.92	192.26	191.43	191.20	0.62	ppb
Lead	208-1	198.53	200.45	199.99	199.66	0.50	ppb
Lithium	6-1				118		%
Magnesium	24-2	1206.99	1160.92	1166.08	1178.00	2.14	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:14:56	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	97.50	96.19	96.06	96.58	0.83	ppb
Molybdenum	94-1	1156.33	1140.28	1142.58	1146.39	0.76	ppb
Molybdenum	95-1	589.78	588.56	583.90	587.42	0.53	ppb
Molybdenum	96-1	666.46	648.75	646.64	653.95	1.66	ppb
Molybdenum	97-1	574.47	568.05	567.97	570.16	0.65	ppb
Molybdenum	98-1	585.30	584.02	589.74	586.35	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.06	100.12	98.54	99.91	1.27	ppb
Phosphorus	31-2	-10.29	31.74	31.56	17.67	137.03	ppb
Potassium	39-2	2050.95	1952.71	2027.90	2010.52	2.56	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	171.23	220.38	205.83	199.15	12.68	ppb
Selenium	78-2	195.76	191.98	194.12	193.95	0.98	ppb
Selenium	82-1	196.58	196.47	198.18	197.08	0.49	ppb
Silicon	28-1	1.16	0.76	1.08	1.00	21.07	ppb
Silver	109-1	97.25	99.43	98.67	98.45	1.13	ppb
Silver	107-1	98.34	99.98	97.80	98.71	1.15	ppb
Sodium	23-2	2128.22	2072.04	2050.15	2083.47	1.93	ppb
Strontium	86-1	480.79	475.82	476.97	477.86	0.54	ppb
Strontium	88-1	489.36	481.35	484.40	485.04	0.83	ppb
Sulfur	34-1	-1205.07	-1416.98	-1261.12	-1294.39		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	199.66	201.94	204.13	201.91	1.11	ppb
Thallium	205-1	200.96	209.58	207.58	206.04	2.19	ppb
Tin	118-1	494.60	494.16	494.08	494.28	0.06	ppb
Titanium	47-1	481.30	481.51	475.10	479.30	0.76	ppb
Uranium	238-1	485.28	487.54	487.99	486.94	0.30	ppb
Vanadium	51-2	99.03	96.12	96.62	97.25	1.60	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	208.91	201.82	202.21	204.31	1.95	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:14:56	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	485.26	484.25	477.05	482.19	0.93	ppb
Zirconium	91-1	480.28	477.35	475.39	477.68	0.51	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:18:14	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.86	25.30	25.22	23.79	10.69	ppb
Antimony	121-1	2.75	2.74	2.69	2.72	1.22	ppb
Arsenic	75-2	0.85	1.41	1.29	1.18	25.02	ppb
Barium	135-1	9.95	9.75	9.74	9.82	1.22	ppb
Barium	137-1	9.77	10.24	9.87	9.96	2.48	ppb
Beryllium	9-1	1.23	1.32	1.16	1.23	6.80	ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Boron	10-1	58.70	54.63	53.81	55.71	4.70	ppb
Boron	11-1	57.66	56.39	55.20	56.42	2.18	ppb
Cadmium	111-1	1.02	1.14	1.07	1.08	5.46	ppb
Cadmium	106-1	0.74	2.21	1.95	1.63	48.19	ppb
Cadmium	108-1	1.10	0.98	0.81	0.96	14.95	ppb
Calcium	43-1	427.94	448.83	445.81	440.86	2.56	ppb
Calcium	44-1	449.12	454.48	460.04	454.55	1.20	ppb
Chromium	52-2	2.26	2.26	2.03	2.18	6.22	ppb
Cobalt	59-2	1.00	1.26	1.12	1.13	11.51	ppb
Copper	63-2	1.91	2.32	1.95	2.06	10.90	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				97		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	56.22	57.73	54.85	56.27	2.56	ppb
Iron	57-2	53.11	59.70	46.93	53.25	11.99	ppb
Krypton	83-1						cps
Lead	206-1	1.09	1.11	1.12	1.11	1.73	ppb
Lead	207-1	1.03	1.05	0.99	1.02	2.65	ppb
Lead	208-1	1.05	1.10	1.05	1.07	2.46	ppb
Lithium	6-1				113		%
Magnesium	24-2	554.99	543.25	526.36	541.53	2.66	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:18:14	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.98	1.33	0.85	1.05	23.39	ppb
Molybdenum	94-1	7.03	6.81	6.85	6.90	1.76	ppb
Molybdenum	95-1	5.49	5.68	5.29	5.49	3.53	ppb
Molybdenum	96-1	5.83	5.99	5.56	5.79	3.75	ppb
Molybdenum	97-1	5.12	5.33	5.20	5.21	2.02	ppb
Molybdenum	98-1	5.37	5.62	5.31	5.43	2.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.20	0.68	0.94	0.94	27.64	ppb
Phosphorus	31-2	-10.29	-10.29	11.14	-3.14		ppb
Potassium	39-2	551.99	602.79	504.56	553.11	8.88	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	15.65	10.99	15.81	14.15	19.36	ppb
Selenium	78-2	5.13	1.86	1.75	2.91	65.88	ppb
Selenium	82-1	5.58	5.48	6.15	5.73	6.29	ppb
Silicon	28-1	9.84	10.08	10.84	10.25	5.06	ppb
Silver	109-1	1.04	1.09	0.97	1.03	5.91	ppb
Silver	107-1	1.02	1.06	0.99	1.03	3.40	ppb
Sodium	23-2	613.88	651.75	600.05	621.89	4.30	ppb
Strontium	86-1	1.17	0.92	1.00	1.03	12.03	ppb
Strontium	88-1	1.02	1.00	1.02	1.01	1.46	ppb
Sulfur	34-1	-1405.16	-1330.39	-1000.54	-1245.36		ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	1.12	1.14	1.20	1.15	3.35	ppb
Thallium	205-1	1.17	1.19	1.16	1.17	1.57	ppb
Tin	118-1	5.31	5.31	5.23	5.28	0.85	ppb
Titanium	47-1	4.98	5.11	5.14	5.08	1.59	ppb
Uranium	238-1	1.02	1.01	1.06	1.03	2.40	ppb
Vanadium	51-2	5.29	5.11	4.84	5.08	4.47	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	2.05	2.68	3.04	2.59	19.38	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:18:14	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.04	1.97	1.89	1.97	4.01	ppb
Zirconium	91-1	2.04	1.84	1.86	1.92	5.83	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:21:36	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.24	-1.19	-1.24	-1.22		ppb
Antimony	121-1	0.26	0.27	0.29	0.27	5.71	ppb
Arsenic	75-2	-0.01	0.03	-0.03	0.00	3267.53	ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	-0.01	0.03	0.00	0.01	369.71	ppb
Beryllium	9-1	0.29	0.21	0.20	0.23	20.53	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	20.53	17.72	17.23	18.49	9.64	ppb
Boron	11-1	18.48	18.46	16.95	17.97	4.88	ppb
Cadmium	111-1	-0.06	0.06	0.05	0.02	365.23	ppb
Cadmium	106-1	-0.69	0.79	0.66	0.25	323.56	ppb
Cadmium	108-1	0.11	0.04	0.04	0.06	70.82	ppb
Calcium	43-1	-1.93	-5.85	-6.80	-4.86		ppb
Calcium	44-1	1.88	0.64	0.89	1.14	57.99	ppb
Chromium	52-2	-0.17	-0.01	0.03	-0.05		ppb
Cobalt	59-2	-0.01	0.02	0.00	0.00	400.76	ppb
Copper	63-2	-0.15	-0.05	-0.14	-0.11		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	1.80	1.45	1.50	1.58	12.09	ppb
Iron	57-2	1.54	1.24	-0.24	0.85	112.63	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.04	0.07	0.06	29.08	ppb
Lead	207-1	0.04	0.06	0.06	0.05	22.39	ppb
Lead	208-1	0.06	0.06	0.07	0.06	13.74	ppb
Lithium	6-1				111		%
Magnesium	24-2	5.78	7.16	7.62	6.86	13.96	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:21:36	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.05	-0.10	0.00	3314.52	ppb
Molybdenum	94-1	0.30	0.38	0.31	0.33	14.14	ppb
Molybdenum	95-1	0.23	0.18	0.18	0.20	13.50	ppb
Molybdenum	96-1	0.20	0.18	0.20	0.19	5.88	ppb
Molybdenum	97-1	0.24	0.10	0.12	0.15	50.74	ppb
Molybdenum	98-1	0.22	0.22	0.22	0.22	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.25	-0.56	-0.70	-0.84		ppb
Phosphorus	31-2	10.55	-10.29	-10.29	-3.34		ppb
Potassium	39-2	26.85	17.80	19.38	21.34	22.63	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.00	-0.83	0.02	-0.27		ppb
Selenium	82-1	1.13	0.14	0.40	0.55	92.26	ppb
Silicon	28-1	-5.46	-6.82	-4.86	-5.71		ppb
Silver	109-1	0.00	0.01	0.02	0.01	63.21	ppb
Silver	107-1	0.01	0.01	0.00	0.01	53.40	ppb
Sodium	23-2	66.11	63.94	60.32	63.46	4.61	ppb
Strontium	86-1	-0.04	-0.05	0.05	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	658.30	ppb
Sulfur	34-1	-1267.48	-1496.03	-1195.76	-1319.76		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.11	0.09	0.15	0.12	22.65	ppb
Thallium	205-1	0.14	0.11	0.10	0.12	16.89	ppb
Tin	118-1	0.19	0.19	0.15	0.18	12.54	ppb
Titanium	47-1	0.00	-0.04	-0.01	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.02	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	-0.21	0.16	0.37	0.11	269.52	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:21:36	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.10	0.10	0.10	8.29	ppb
Zirconium	91-1	0.06	0.07	0.13	0.09	45.02	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:24:59	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86309.95	88019.11	88354.04	87561.03	1.25	ppb
Antimony	121-1	1.29	1.26	1.27	1.27	1.32	ppb
Arsenic	75-2	0.35	0.33	0.54	0.41	28.70	ppb
Barium	135-1	1.51	1.47	1.42	1.47	2.86	ppb
Barium	137-1	1.52	1.56	1.38	1.49	6.22	ppb
Beryllium	9-1	0.40	0.39	0.41	0.40	2.13	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	16.76	16.18	19.37	17.44	9.76	ppb
Boron	11-1	17.26	16.50	17.08	16.95	2.36	ppb
Cadmium	111-1	0.20	0.37	0.23	0.27	33.69	ppb
Cadmium	106-1	-0.51	0.15	-0.76	-0.37		ppb
Cadmium	108-1	7.07	6.62	7.01	6.90	3.57	ppb
Calcium	43-1	94018.48	96333.76	93325.61	94559.28	1.67	ppb
Calcium	44-1	92177.89	93802.94	90644.92	92208.58	1.71	ppb
Chromium	52-2	23.95	24.21	24.61	24.26	1.38	ppb
Cobalt	59-2	1.19	1.23	1.15	1.19	3.22	ppb
Copper	63-2	7.32	7.30	7.51	7.38	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				102		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				94		%
Iron	56-2	96280.40	97802.09	97948.45	97343.64	0.95	ppb
Iron	57-2	95008.50	95956.82	96336.38	95767.23	0.71	ppb
Krypton	83-1						cps
Lead	206-1	5.27	5.26	5.02	5.18	2.73	ppb
Lead	207-1	4.43	4.56	4.41	4.46	1.83	ppb
Lead	208-1	4.75	4.88	4.63	4.75	2.65	ppb
Lithium	6-1				105		%
Magnesium	24-2	95056.92	96102.31	95760.29	95639.84	0.56	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:24:59	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.80	8.01	8.63	8.15	5.33	ppb
Molybdenum	94-1	1364.91	1408.24	1349.61	1374.25	2.21	ppb
Molybdenum	95-1	1959.42	2022.92	1918.01	1966.78	2.69	ppb
Molybdenum	96-1	1864.48	1939.46	1836.63	1880.19	2.83	ppb
Molybdenum	97-1	1975.84	2049.62	1956.21	1993.89	2.47	ppb
Molybdenum	98-1	1946.43	2027.05	1914.49	1962.66	2.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.56	7.30	8.25	7.70	6.37	ppb
Phosphorus	31-2	97439.77	97676.88	98473.51	97863.39	0.55	ppb
Potassium	39-2	97768.85	98039.76	97506.71	97771.77	0.27	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.04	0.92	-0.83	0.04	2051.28	ppb
Selenium	82-1	0.96	1.54	1.24	1.24	23.52	ppb
Silicon	28-1	34.78	35.41	33.40	34.53	2.99	ppb
Silver	109-1	0.05	0.06	0.06	0.06	10.42	ppb
Silver	107-1	0.06	0.05	0.08	0.06	18.64	ppb
Sodium	23-2	96811.20	97484.38	98419.07	97571.55	0.83	ppb
Strontium	86-1	33.29	34.71	32.16	33.38	3.84	ppb
Strontium	88-1	34.10	35.07	33.35	34.17	2.51	ppb
Sulfur	34-1	86068.76	88255.56	85844.10	86722.81	1.54	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.18	0.20	0.20	0.19	6.41	ppb
Thallium	205-1	0.18	0.22	0.20	0.20	10.17	ppb
Tin	118-1	0.26	0.27	0.29	0.27	6.11	ppb
Titanium	47-1	2065.07	2064.22	2018.57	2049.29	1.30	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	18.93	ppb
Vanadium	51-2	0.12	0.18	0.16	0.15	22.76	ppb
Yttrium	89-1				94		%
Yttrium	89-2				95		%
Zinc	66-2	11.04	10.93	11.08	11.02	0.69	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:24:59	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.05	0.89	0.65	0.86	23.34	ppb
Zirconium	91-1	0.92	0.80	0.63	0.78	18.56	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:28:17	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88290.22	84707.98	86874.67	86624.29	2.08	ppb
Antimony	121-1	20.41	20.94	21.06	20.80	1.66	ppb
Arsenic	75-2	20.02	17.78	18.54	18.78	6.05	ppb
Barium	135-1	20.67	20.57	21.41	20.88	2.21	ppb
Barium	137-1	21.05	21.29	21.44	21.26	0.92	ppb
Beryllium	9-1	20.81	20.80	20.84	20.82	0.12	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	10-1	85.26	79.76	82.52	82.51	3.33	ppb
Boron	11-1	80.44	79.50	83.87	81.27	2.83	ppb
Cadmium	111-1	19.57	20.03	20.03	19.88	1.33	ppb
Cadmium	106-1	25.68	23.48	25.06	24.74	4.59	ppb
Cadmium	108-1	26.79	29.06	30.27	28.71	6.15	ppb
Calcium	43-1	89631.14	93250.74	92105.77	91662.55	2.02	ppb
Calcium	44-1	89510.68	89796.84	91269.05	90192.19	1.05	ppb
Chromium	52-2	40.60	39.20	40.12	39.97	1.78	ppb
Cobalt	59-2	21.12	20.57	20.93	20.87	1.34	ppb
Copper	63-2	27.50	26.18	27.85	27.18	3.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	98373.67	94592.25	97605.66	96857.19	2.06	ppb
Iron	57-2	96383.46	92831.92	95284.75	94833.38	1.92	ppb
Krypton	83-1						cps
Lead	206-1	25.25	24.93	25.78	25.32	1.69	ppb
Lead	207-1	22.86	22.65	23.42	22.98	1.73	ppb
Lead	208-1	23.75	23.66	24.32	23.91	1.49	ppb
Lithium	6-1				106		%
Magnesium	24-2	96494.19	93432.77	96286.12	95404.36	1.79	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:28:17	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.10	26.82	27.69	27.20	1.63	ppb
Molybdenum	94-1	1463.62	1490.07	1515.48	1489.72	1.74	ppb
Molybdenum	95-1	1971.50	2000.00	2017.97	1996.49	1.17	ppb
Molybdenum	96-1	1908.77	1934.45	1953.32	1932.18	1.16	ppb
Molybdenum	97-1	1982.23	2001.49	2074.15	2019.29	2.40	ppb
Molybdenum	98-1	1941.93	1994.70	2018.41	1985.01	1.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.30	23.36	23.23	23.63	2.48	ppb
Phosphorus	31-2	96833.86	92401.26	97306.49	95513.87	2.83	ppb
Potassium	39-2	97254.38	95048.77	98159.76	96820.97	1.65	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	77-2	32.50	36.04	21.44	30.00	25.39	ppb
Selenium	78-2	20.40	11.78	14.93	15.70	27.77	ppb
Selenium	82-1	18.89	20.15	21.20	20.08	5.76	ppb
Silicon	28-1	89.24	90.82	92.36	90.81	1.72	ppb
Silver	109-1	17.90	17.95	18.37	18.08	1.43	ppb
Silver	107-1	17.84	18.36	18.37	18.19	1.65	ppb
Sodium	23-2	99179.85	95096.95	96470.32	96915.71	2.14	ppb
Strontium	86-1	91.41	92.91	94.84	93.06	1.85	ppb
Strontium	88-1	96.91	98.03	99.93	98.29	1.55	ppb
Sulfur	34-1	83629.05	83284.02	85702.01	84205.03	1.55	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	19.84	19.82	20.79	20.15	2.75	ppb
Thallium	205-1	20.21	20.09	20.71	20.34	1.61	ppb
Tin	118-1	61.17	61.93	62.31	61.80	0.94	ppb
Titanium	47-1	2022.64	2049.56	2062.70	2044.97	1.00	ppb
Uranium	238-1	64.29	63.83	65.88	64.66	1.66	ppb
Vanadium	51-2	20.24	19.18	20.19	19.87	3.01	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	32.06	30.49	30.36	30.97	3.05	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:28:17	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	60.28	61.37	63.18	61.61	2.38	ppb
Zirconium	91-1	60.19	60.34	61.98	60.83	1.63	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:31:34	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53393.40	54118.50	52720.25	53410.72	1.31	ppb
Antimony	121-1	500.01	509.46	502.62	504.03	0.97	ppb
Arsenic	75-2	511.86	531.26	508.46	517.19	2.38	ppb
Barium	135-1	2525.24	2562.67	2520.49	2536.13	0.91	ppb
Barium	137-1	2509.13	2527.42	2488.85	2508.47	0.77	ppb
Beryllium	9-1	529.03	527.62	519.79	525.48	0.95	ppb
Bismuth	209-1				102		%
Bismuth	209-2				92		%
Boron	10-1	519.56	531.61	541.77	530.98	2.09	ppb
Boron	11-1	515.86	539.39	534.64	529.96	2.35	ppb
Cadmium	111-1	485.67	495.14	483.52	488.11	1.27	ppb
Cadmium	106-1	483.71	497.31	483.49	488.17	1.62	ppb
Cadmium	108-1	496.17	495.88	484.02	492.02	1.41	ppb
Calcium	43-1	228825.68	232508.17	227628.13	229653.99	1.11	ppb
Calcium	44-1	228352.47	228483.64	226368.08	227734.73	0.52	ppb
Chromium	52-2	537.83	544.23	525.16	535.74	1.81	ppb
Cobalt	59-2	522.70	523.86	510.68	519.08	1.41	ppb
Copper	63-2	1012.24	1016.13	992.56	1006.98	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	130832.54	131106.69	127372.34	129770.52	1.60	ppb
Iron	57-2	130591.08	132280.57	128938.76	130603.47	1.28	ppb
Krypton	83-1						cps
Lead	206-1	518.52	516.25	521.88	518.88	0.55	ppb
Lead	207-1	518.02	514.74	515.93	516.23	0.32	ppb
Lead	208-1	517.54	516.81	520.10	518.15	0.33	ppb
Lithium	6-1				109		%
Magnesium	24-2	248539.81	251439.28	244805.27	248261.45	1.34	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:31:34	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1049.20	1057.82	1035.03	1047.35	1.10	ppb
Molybdenum	94-1	2506.28	2549.98	2507.63	2521.30	0.99	ppb
Molybdenum	95-1	2524.31	2534.28	2519.58	2526.06	0.30	ppb
Molybdenum	96-1	2508.39	2521.76	2512.56	2514.24	0.27	ppb
Molybdenum	97-1	2529.10	2532.37	2543.63	2535.03	0.30	ppb
Molybdenum	98-1	2513.45	2541.41	2504.88	2519.91	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	521.24	521.35	508.96	517.18	1.38	ppb
Phosphorus	31-2	12156.60	11070.90	10387.90	11205.13	7.96	ppb
Potassium	39-2	131982.44	131092.03	129193.86	130756.11	1.09	ppb
Rhodium	103-1				93		%
Rhodium	103-2				89		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	77-2	527.74	528.02	455.33	503.70	8.32	ppb
Selenium	78-2	497.80	533.07	482.50	504.46	5.14	ppb
Selenium	82-1	499.40	500.15	490.60	496.71	1.07	ppb
Silicon	28-1	550.05	564.60	559.82	558.16	1.33	ppb
Silver	109-1	492.01	503.00	488.12	494.37	1.56	ppb
Silver	107-1	492.67	501.79	486.05	493.50	1.60	ppb
Sodium	23-2	254621.29	257729.54	253651.63	255334.15	0.83	ppb
Strontium	86-1	502.52	496.15	501.37	500.01	0.68	ppb
Strontium	88-1	509.61	501.96	504.56	505.38	0.77	ppb
Sulfur	34-1	8570.34	8755.06	8696.19	8673.86	1.09	ppb
Terbium	159-1				106		%
Terbium	159-2				97		%
Thallium	203-1	512.80	520.93	520.36	518.03	0.88	ppb
Thallium	205-1	511.17	513.38	519.49	514.68	0.84	ppb
Tin	118-1	503.59	511.12	501.78	505.50	0.98	ppb
Titanium	47-1	2543.50	2575.52	2559.19	2559.40	0.63	ppb
Uranium	238-1	518.10	525.57	523.09	522.25	0.73	ppb
Vanadium	51-2	529.75	538.64	520.88	529.76	1.68	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	1043.41	1047.90	1012.62	1034.64	1.86	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:31:34	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	508.65	508.68	507.60	508.31	0.12	ppb
Zirconium	91-1	498.41	504.37	501.19	501.32	0.59	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P8
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:34:45	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.92	2.33	3.79	3.68	35.25	ppb
Antimony	121-1	1.40	1.08	1.05	1.18	16.32	ppb
Arsenic	75-2	0.12	0.14	0.10	0.12	15.97	ppb
Barium	135-1	0.10	0.10	0.07	0.09	21.39	ppb
Barium	137-1	0.15	0.13	0.09	0.12	23.54	ppb
Beryllium	9-1	0.33	0.33	0.30	0.32	4.60	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	23.28	22.38	22.78	22.81	1.96	ppb
Boron	11-1	23.65	22.73	21.20	22.53	5.50	ppb
Cadmium	111-1	0.11	-0.01	0.07	0.06	113.56	ppb
Cadmium	106-1	1.07	-0.61	0.70	0.39	226.53	ppb
Cadmium	108-1	0.03	0.11	0.21	0.12	76.29	ppb
Calcium	43-1	15.67	12.30	10.82	12.93	19.20	ppb
Calcium	44-1	17.86	8.83	9.79	12.16	40.79	ppb
Chromium	52-2	-0.08	-0.03	-0.04	-0.05		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	33.98	ppb
Copper	63-2	-0.04	-0.05	-0.05	-0.05		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	8.95	7.97	6.98	7.97	12.38	ppb
Iron	57-2	7.11	5.82	5.09	6.01	17.08	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.11	0.13	0.12	11.42	ppb
Lead	207-1	0.15	0.13	0.12	0.13	8.75	ppb
Lead	208-1	0.13	0.12	0.13	0.13	3.14	ppb
Lithium	6-1				111		%
Magnesium	24-2	16.63	13.28	12.44	14.12	15.70	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P8
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:34:45	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	0.13	0.11	0.07	125.49	ppb
Molybdenum	94-1	1.07	1.06	1.02	1.05	2.53	ppb
Molybdenum	95-1	1.21	1.14	1.07	1.14	6.27	ppb
Molybdenum	96-1	1.22	1.08	1.14	1.15	6.33	ppb
Molybdenum	97-1	1.26	0.95	1.07	1.09	13.90	ppb
Molybdenum	98-1	1.38	1.21	1.05	1.21	13.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.12	-1.16	-1.49	-1.26		ppb
Phosphorus	31-2	-10.29	11.14	-10.29	-3.14		ppb
Potassium	39-2	12.47	26.66	29.80	22.98	40.18	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	77-2	0.00	5.19	0.00	1.73	173.21	ppb
Selenium	78-2	-0.83	-0.83	1.76	0.03	4909.38	ppb
Selenium	82-1	0.61	-0.18	0.36	0.26	153.04	ppb
Silicon	28-1	-3.85	-5.28	-5.82	-4.98		ppb
Silver	109-1	0.07	0.05	0.04	0.05	26.92	ppb
Silver	107-1	0.07	0.04	0.06	0.06	22.81	ppb
Sodium	23-2	103.91	100.96	100.56	101.81	1.79	ppb
Strontium	86-1	0.00	0.10	-0.04	0.02	359.68	ppb
Strontium	88-1	0.03	0.02	0.02	0.02	21.87	ppb
Sulfur	34-1	-1861.70	-2049.95	-1782.49	-1898.04		ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	0.25	0.27	0.23	0.25	7.14	ppb
Thallium	205-1	0.27	0.21	0.23	0.24	11.28	ppb
Tin	118-1	0.36	0.32	0.27	0.32	14.22	ppb
Titanium	47-1	0.25	0.11	0.31	0.22	46.76	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	27.64	ppb
Vanadium	51-2	0.02	0.01	0.02	0.02	39.21	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	0.02	0.14	0.02	0.06	114.50	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P8
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:34:45	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.14	0.17	0.19	0.17	14.17	ppb
Zirconium	91-1	0.13	0.16	0.15	0.15	9.11	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:41:00	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.79	23.48	15.35	21.87	26.92	ppb
Antimony	121-1	2.23	2.25	2.17	2.22	1.74	ppb
Arsenic	75-2	1.37	0.92	1.50	1.26	24.15	ppb
Barium	135-1	9.85	9.91	9.65	9.80	1.36	ppb
Barium	137-1	9.81	10.19	10.07	10.02	1.96	ppb
Beryllium	9-1	1.27	1.13	1.28	1.23	7.17	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	33.69	33.30	33.06	33.35	0.96	ppb
Boron	11-1	33.43	34.11	33.76	33.77	1.02	ppb
Cadmium	111-1	0.84	1.05	0.98	0.96	11.20	ppb
Cadmium	106-1	0.56	1.24	1.00	0.93	37.18	ppb
Cadmium	108-1	1.41	0.67	0.90	0.99	37.97	ppb
Calcium	43-1	453.41	432.71	479.88	455.33	5.19	ppb
Calcium	44-1	459.72	451.69	462.30	457.90	1.21	ppb
Chromium	52-2	2.23	2.18	2.24	2.22	1.55	ppb
Cobalt	59-2	1.02	0.99	1.01	1.00	1.73	ppb
Copper	63-2	1.96	1.86	1.88	1.90	2.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	53.17	51.18	53.90	52.75	2.67	ppb
Iron	57-2	53.03	61.41	47.31	53.92	13.15	ppb
Krypton	83-1						cps
Lead	206-1	1.10	1.10	1.09	1.09	0.40	ppb
Lead	207-1	1.09	1.12	1.03	1.08	4.26	ppb
Lead	208-1	1.05	1.07	1.08	1.07	1.16	ppb
Lithium	6-1				104		%
Magnesium	24-2	518.03	501.12	522.72	513.96	2.21	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:41:00	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.08	0.93	0.94	0.98	8.81	ppb
Molybdenum	94-1	5.23	5.54	5.44	5.40	2.88	ppb
Molybdenum	95-1	4.90	5.45	5.11	5.15	5.36	ppb
Molybdenum	96-1	5.29	5.16	5.04	5.16	2.35	ppb
Molybdenum	97-1	5.08	5.26	5.11	5.15	1.93	ppb
Molybdenum	98-1	4.98	5.24	5.15	5.12	2.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.22	-0.20	0.02	-0.14		ppb
Phosphorus	31-2	31.71	-10.29	-10.29	3.71	653.46	ppb
Potassium	39-2	521.91	510.25	554.32	528.83	4.32	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	25.66	10.32	10.43	15.47	57.06	ppb
Selenium	78-2	6.71	11.80	8.53	9.01	28.62	ppb
Selenium	82-1	5.09	5.59	5.68	5.45	5.76	ppb
Silicon	28-1	9.50	7.67	7.60	8.26	13.07	ppb
Silver	109-1	1.05	1.02	1.03	1.03	1.19	ppb
Silver	107-1	1.00	1.04	1.07	1.04	3.03	ppb
Sodium	23-2	577.29	552.61	569.41	566.44	2.22	ppb
Strontium	86-1	0.94	0.87	0.96	0.92	4.85	ppb
Strontium	88-1	1.03	1.04	0.99	1.02	2.45	ppb
Sulfur	34-1	-1295.61	-1556.55	-1224.75	-1358.97		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	1.02	1.06	1.16	1.08	6.76	ppb
Thallium	205-1	1.05	1.08	1.09	1.07	1.87	ppb
Tin	118-1	5.13	5.07	5.07	5.09	0.64	ppb
Titanium	47-1	4.92	4.89	5.03	4.95	1.46	ppb
Uranium	238-1	0.99	0.98	0.97	0.98	0.69	ppb
Vanadium	51-2	5.03	4.66	4.67	4.79	4.47	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	2.04	1.97	2.71	2.24	18.16	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:41:00	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.30	1.32	1.16	1.26	6.97	ppb
Zirconium	91-1	1.12	1.32	1.26	1.23	8.10	ppb

LB Number : LB98004 Operator : Jaswal
 Lab Sample ID : PB112929BL Instrumnet Name : P8
 Client Sample ID : PB112929BL Dilution Factor : 1
 Date & Time Acquired :: 2018-09-17 17:44:23 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.95	-0.36	0.52	0.37	181.06	ppb
Antimony	121-1	0.11	0.14	0.12	0.12	9.05	ppb
Arsenic	75-2	-0.05	-0.03	0.06	-0.01		ppb
Barium	135-1	-0.01	-0.03	-0.01	-0.02		ppb
Barium	137-1	0.00	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.07	0.14	0.17	0.13	38.60	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	10.91	10.48	10.09	10.49	3.89	ppb
Boron	11-1	9.32	9.00	9.02	9.11	2.00	ppb
Cadmium	111-1	-0.01	-0.05	0.06	0.00		ppb
Cadmium	106-1	-0.12	-0.48	0.91	0.10	692.54	ppb
Cadmium	108-1	-0.04	0.19	0.07	0.08	152.13	ppb
Calcium	43-1	-0.09	-3.47	-0.40	-1.32		ppb
Calcium	44-1	0.84	3.87	0.12	1.61	123.69	ppb
Chromium	52-2	-0.17	-0.08	-0.12	-0.12		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.11	-0.17	-0.14	-0.14		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	1.16	0.77	1.50	1.14	32.11	ppb
Iron	57-2	2.52	-0.65	-0.63	0.41	444.45	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.05	0.06	13.48	ppb
Lead	207-1	0.04	0.03	0.04	0.04	22.46	ppb
Lead	208-1	0.05	0.05	0.05	0.05	3.90	ppb
Lithium	6-1				103		%
Magnesium	24-2	11.98	7.46	6.61	8.69	33.22	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	PB112929BL	Instrumnet Name :	P8
Client Sample ID :	PB112929BL	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:44:23	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.05	-0.05	0.09	0.00		ppb
Molybdenum	94-1	0.16	0.16	0.12	0.15	17.17	ppb
Molybdenum	95-1	0.13	0.10	0.15	0.13	18.71	ppb
Molybdenum	96-1	0.14	0.13	0.14	0.13	4.03	ppb
Molybdenum	97-1	0.09	0.10	0.07	0.08	17.81	ppb
Molybdenum	98-1	0.11	0.11	0.12	0.11	4.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.33	-1.63	-1.40	-1.45		ppb
Phosphorus	31-2	31.95	-10.29	-10.29	3.79	643.29	ppb
Potassium	39-2	33.56	18.58	18.69	23.61	36.52	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.48	-0.83	0.02	0.55	310.25	ppb
Selenium	82-1	0.76	0.58	0.51	0.61	20.64	ppb
Silicon	28-1	-7.06	-5.71	-6.57	-6.44		ppb
Silver	109-1	0.01	0.02	0.02	0.02	12.45	ppb
Silver	107-1	0.01	0.01	0.02	0.01	44.56	ppb
Sodium	23-2	55.12	52.41	60.05	55.86	6.93	ppb
Strontium	86-1	-0.03	-0.02	0.02	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1526.28	-938.60	-1257.19	-1240.69		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.07	0.07	0.08	0.07	3.33	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	4.15	ppb
Tin	118-1	0.04	0.08	0.04	0.05	39.85	ppb
Titanium	47-1	0.04	-0.05	0.05	0.01	414.60	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	-0.02	0.01	-0.01		ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	0.04	0.35	0.33	0.24	72.03	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	PB112929BL	Instrumnet Name :	P8
Client Sample ID :	PB112929BL	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:44:23	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.04	0.06	0.05	15.04	ppb
Zirconium	91-1	0.05	0.06	0.01	0.04	69.73	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	PB112929BS	Instrumnet Name :	P8
Client Sample ID :	PB112929BS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:47:52	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9882.41	9657.17	9745.65	9761.75	1.16	ppb
Antimony	121-1	507.86	514.77	499.19	507.28	1.54	ppb
Arsenic	75-2	519.94	512.82	520.03	517.60	0.80	ppb
Barium	135-1	2518.26	2561.81	2501.63	2527.23	1.23	ppb
Barium	137-1	2510.63	2555.79	2454.49	2506.97	2.02	ppb
Beryllium	9-1	537.16	533.55	527.61	532.77	0.90	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	514.93	515.02	527.43	519.13	1.39	ppb
Boron	11-1	508.68	521.86	524.86	518.47	1.66	ppb
Cadmium	111-1	503.49	509.02	493.52	502.01	1.57	ppb
Cadmium	106-1	508.51	505.61	506.16	506.76	0.30	ppb
Cadmium	108-1	502.90	512.04	499.27	504.74	1.30	ppb
Calcium	43-1	46467.04	47121.59	45835.05	46474.56	1.38	ppb
Calcium	44-1	46639.64	47481.48	45832.22	46651.11	1.77	ppb
Chromium	52-2	507.75	495.81	506.82	503.46	1.32	ppb
Cobalt	59-2	511.02	497.13	508.25	505.47	1.46	ppb
Copper	63-2	1010.15	985.50	1001.70	999.11	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	25551.91	24905.34	25545.23	25334.16	1.47	ppb
Iron	57-2	24884.80	24314.20	24923.87	24707.62	1.38	ppb
Krypton	83-1						cps
Lead	206-1	505.98	513.95	494.63	504.85	1.92	ppb
Lead	207-1	504.05	520.33	496.88	507.09	2.37	ppb
Lead	208-1	506.54	513.54	495.05	505.04	1.85	ppb
Lithium	6-1				104		%
Magnesium	24-2	51233.40	49887.60	50555.25	50558.75	1.33	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	PB112929BS	Instrumnet Name :	P8
Client Sample ID :	PB112929BS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:47:52	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1028.26	995.24	1013.52	1012.34	1.63	ppb
Molybdenum	94-1	2515.00	2523.36	2421.45	2486.60	2.28	ppb
Molybdenum	95-1	2509.69	2502.20	2434.33	2482.07	1.67	ppb
Molybdenum	96-1	2522.66	2543.98	2439.55	2502.07	2.21	ppb
Molybdenum	97-1	2533.25	2549.95	2467.11	2516.77	1.74	ppb
Molybdenum	98-1	2508.45	2516.36	2436.52	2487.11	1.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.09	495.80	502.83	500.58	0.83	ppb
Phosphorus	31-2	9928.25	10542.27	9791.89	10087.47	3.96	ppb
Potassium	39-2	25601.72	25144.28	25327.48	25357.83	0.91	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	511.77	467.88	451.64	477.10	6.52	ppb
Selenium	78-2	522.17	499.61	512.90	511.56	2.22	ppb
Selenium	82-1	499.50	505.30	489.64	498.15	1.59	ppb
Silicon	28-1	536.80	547.04	527.09	536.98	1.86	ppb
Silver	109-1	517.30	521.27	509.70	516.09	1.14	ppb
Silver	107-1	515.26	520.01	501.82	512.36	1.84	ppb
Sodium	23-2	51574.98	50282.28	51194.53	51017.26	1.30	ppb
Strontium	86-1	495.25	496.73	483.80	491.93	1.44	ppb
Strontium	88-1	503.35	507.54	489.49	500.12	1.89	ppb
Sulfur	34-1	8885.01	9315.37	8416.82	8872.40	5.07	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	509.47	509.75	498.15	505.79	1.31	ppb
Thallium	205-1	503.74	509.05	485.32	499.37	2.49	ppb
Tin	118-1	509.48	516.59	508.42	511.50	0.87	ppb
Titanium	47-1	2539.89	2600.44	2545.07	2561.80	1.31	ppb
Uranium	238-1	492.78	497.91	486.01	492.23	1.21	ppb
Vanadium	51-2	514.85	497.15	509.39	507.13	1.79	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	1030.92	1004.97	1013.77	1016.55	1.30	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	PB112929BS	Instrumnet Name :	P8
Client Sample ID :	PB112929BS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:47:52	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	510.32	509.23	491.84	503.80	2.06	ppb
Zirconium	91-1	497.17	499.54	480.68	492.46	2.09	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-01	Instrumnet Name :	P8
Client Sample ID :	S13-0256	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:51:05	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.92	24.29	20.96	23.06	7.93	ppb
Antimony	121-1	3.44	3.13	2.93	3.17	8.16	ppb
Arsenic	75-2	64.42	62.10	64.73	63.75	2.25	ppb
Barium	135-1	16.53	15.97	15.48	15.99	3.32	ppb
Barium	137-1	16.28	16.29	16.17	16.24	0.43	ppb
Beryllium	9-1	0.14	0.12	0.24	0.17	39.72	ppb
Bismuth	209-1				104		%
Bismuth	209-2				94		%
Boron	10-1	95.00	95.28	92.82	94.37	1.43	ppb
Boron	11-1	94.18	93.42	91.47	93.03	1.50	ppb
Cadmium	111-1	0.28	0.22	0.16	0.22	27.15	ppb
Cadmium	106-1	-0.72	-0.40	-0.41	-0.51		ppb
Cadmium	108-1	0.44	0.23	0.27	0.31	35.07	ppb
Calcium	43-1	17085.91	16717.45	16684.91	16829.42	1.32	ppb
Calcium	44-1	17185.07	16956.67	17090.26	17077.33	0.67	ppb
Chromium	52-2	2.29	1.87	2.01	2.05	10.46	ppb
Cobalt	59-2	13.29	13.91	14.47	13.89	4.24	ppb
Copper	63-2	7.67	7.95	8.21	7.94	3.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				89		%
Indium	115-1				93		%
Indium	115-2				85		%
Iron	56-2	52555.71	54066.02	54578.43	53733.39	1.96	ppb
Iron	57-2	51437.21	52655.78	53140.14	52411.04	1.67	ppb
Krypton	83-1						cps
Lead	206-1	0.84	0.64	0.55	0.67	21.91	ppb
Lead	207-1	0.83	0.66	0.55	0.68	20.71	ppb
Lead	208-1	0.85	0.66	0.56	0.69	21.53	ppb
Lithium	6-1				135		%
Magnesium	24-2	5497.26	5534.19	5554.79	5528.75	0.53	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-01	Instrumnet Name :	P8
Client Sample ID :	S13-0256	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:51:05	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4015.03	4079.77	4151.30	4082.03	1.67	ppb
Molybdenum	94-1	2.52	2.27	2.13	2.31	8.68	ppb
Molybdenum	95-1	2.18	1.99	1.66	1.94	13.49	ppb
Molybdenum	96-1	2.21	2.01	1.88	2.04	8.21	ppb
Molybdenum	97-1	2.17	1.90	1.71	1.93	12.04	ppb
Molybdenum	98-1	2.06	1.97	1.78	1.94	7.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.15	3.50	3.58	3.41	6.69	ppb
Phosphorus	31-2	120.63	-10.29	72.88	61.07	108.48	ppb
Potassium	39-2	2338.68	2435.57	2494.99	2423.08	3.26	ppb
Rhodium	103-1				89		%
Rhodium	103-2				86		%
Scandium	45-1				85		%
Scandium	45-2				76		%
Selenium	77-2	0.00	12.41	0.00	4.14	173.21	ppb
Selenium	78-2	1.19	3.22	3.28	2.56	46.49	ppb
Selenium	82-1	-0.75	0.56	0.52	0.11	670.55	ppb
Silicon	28-1	11797.14	11587.30	11556.09	11646.84	1.13	ppb
Silver	109-1	1.52	1.38	1.33	1.41	7.13	ppb
Silver	107-1	1.47	1.47	1.28	1.41	7.88	ppb
Sodium	23-2	8249.43	8399.30	8445.57	8364.77	1.23	ppb
Strontium	86-1	179.31	179.07	177.64	178.67	0.50	ppb
Strontium	88-1	186.52	182.12	184.51	184.38	1.19	ppb
Sulfur	34-1	-1687.71	-2002.56	-2138.60	-1942.96		ppb
Terbium	159-1				99		%
Terbium	159-2				89		%
Thallium	203-1	2.35	1.63	1.10	1.69	36.96	ppb
Thallium	205-1	2.38	1.64	1.13	1.72	36.64	ppb
Tin	118-1	4.96	4.85	4.69	4.83	2.75	ppb
Titanium	47-1	1.42	1.82	1.35	1.53	16.66	ppb
Uranium	238-1	0.19	0.17	0.19	0.18	3.64	ppb
Vanadium	51-2	0.38	0.34	0.27	0.33	16.95	ppb
Yttrium	89-1				89		%
Yttrium	89-2				82		%
Zinc	66-2	19.92	20.36	22.68	20.99	7.05	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-01	Instrumnet Name :	P8
Client Sample ID :	S13-0256	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:51:05	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.67	0.53	0.47	0.56	18.18	ppb
Zirconium	91-1	0.71	0.63	0.55	0.63	12.53	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03	Instrumnet Name :	P8
Client Sample ID :	S13-0242	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:54:25	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44.91	43.63	44.31	44.28	1.44	ppb
Antimony	121-1	1.76	1.84	1.89	1.83	3.68	ppb
Arsenic	75-2	1.02	0.97	0.83	0.94	10.33	ppb
Barium	135-1	9.41	9.23	9.36	9.33	1.03	ppb
Barium	137-1	9.81	9.35	9.89	9.68	3.03	ppb
Beryllium	9-1	0.14	0.06	0.10	0.10	37.39	ppb
Bismuth	209-1				104		%
Bismuth	209-2				91		%
Boron	10-1	27.37	27.68	25.97	27.01	3.37	ppb
Boron	11-1	26.19	25.33	24.46	25.33	3.41	ppb
Cadmium	111-1	-0.03	-0.10	-0.02	-0.05		ppb
Cadmium	106-1	-1.65	-2.34	-0.84	-1.61		ppb
Cadmium	108-1	0.23	0.08	0.19	0.16	48.17	ppb
Calcium	43-1	73802.32	73587.88	74367.75	73919.31	0.55	ppb
Calcium	44-1	73775.83	73871.31	74502.15	74049.76	0.53	ppb
Chromium	52-2	2.52	2.60	2.70	2.61	3.45	ppb
Cobalt	59-2	0.11	0.10	0.09	0.10	7.98	ppb
Copper	63-2	9.04	9.55	9.89	9.49	4.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				89		%
Indium	115-1				92		%
Indium	115-2				82		%
Iron	56-2	70.58	71.28	71.19	71.02	0.54	ppb
Iron	57-2	63.61	69.53	82.56	71.90	13.48	ppb
Krypton	83-1						cps
Lead	206-1	0.46	0.45	0.45	0.46	1.23	ppb
Lead	207-1	0.42	0.47	0.41	0.43	6.80	ppb
Lead	208-1	0.45	0.46	0.43	0.45	3.77	ppb
Lithium	6-1				145		%
Magnesium	24-2	14434.78	14483.95	14690.79	14536.51	0.93	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03	Instrumnet Name :	P8
Client Sample ID :	S13-0242	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:54:25	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.57	5.31	5.85	5.91	10.68	ppb
Molybdenum	94-1	0.60	0.45	0.58	0.54	15.17	ppb
Molybdenum	95-1	0.46	0.35	0.31	0.37	20.33	ppb
Molybdenum	96-1	0.43	0.40	0.36	0.39	8.84	ppb
Molybdenum	97-1	0.43	0.40	0.38	0.40	6.92	ppb
Molybdenum	98-1	0.48	0.46	0.43	0.46	4.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	1.03	1.73	1.23	35.24	ppb
Phosphorus	31-2	18.13	-10.29	-10.29	-0.82		ppb
Potassium	39-2	2083.04	2120.49	2104.04	2102.53	0.89	ppb
Rhodium	103-1				88		%
Rhodium	103-2				84		%
Scandium	45-1				81		%
Scandium	45-2				71		%
Selenium	77-2	6.44	0.00	0.00	2.15	173.21	ppb
Selenium	78-2	0.22	-0.83	0.24	-0.13		ppb
Selenium	82-1	0.20	0.31	1.05	0.52	89.26	ppb
Silicon	28-1	6095.79	6091.46	6185.32	6124.19	0.87	ppb
Silver	109-1	0.54	0.54	0.58	0.55	4.83	ppb
Silver	107-1	0.59	0.56	0.51	0.55	7.79	ppb
Sodium	23-2	83240.04	83695.06	84662.04	83865.71	0.87	ppb
Strontium	86-1	556.15	563.78	555.84	558.59	0.80	ppb
Strontium	88-1	568.03	576.73	566.82	570.53	0.95	ppb
Sulfur	34-1	5456.19	5533.92	5725.90	5572.00	2.49	ppb
Terbium	159-1				102		%
Terbium	159-2				88		%
Thallium	203-1	0.16	0.18	0.15	0.17	9.87	ppb
Thallium	205-1	0.16	0.17	0.16	0.16	3.18	ppb
Tin	118-1	4.33	4.43	4.30	4.35	1.49	ppb
Titanium	47-1	0.78	1.11	0.94	0.95	17.14	ppb
Uranium	238-1	0.27	0.25	0.24	0.25	4.75	ppb
Vanadium	51-2	0.19	0.22	0.28	0.23	19.35	ppb
Yttrium	89-1				88		%
Yttrium	89-2				79		%
Zinc	66-2	33.54	32.12	35.19	33.62	4.57	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03	Instrumnet Name :	P8
Client Sample ID :	S13-0242	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:54:25	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.16	0.15	0.15	0.16	4.65	ppb
Zirconium	91-1	0.14	0.16	0.14	0.15	8.43	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03DUP	Instrumnet Name :	P8
Client Sample ID :	S13-0242DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:57:46	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.40	49.21	53.77	45.79	22.11	ppb
Antimony	121-1	1.84	1.95	1.94	1.91	3.07	ppb
Arsenic	75-2	1.10	1.50	0.96	1.19	23.66	ppb
Barium	135-1	9.61	9.38	9.72	9.57	1.79	ppb
Barium	137-1	9.63	9.42	9.47	9.50	1.13	ppb
Beryllium	9-1	0.03	0.03	0.05	0.04	25.95	ppb
Bismuth	209-1				106		%
Bismuth	209-2				87		%
Boron	10-1	22.51	20.72	20.22	21.15	5.69	ppb
Boron	11-1	20.64	20.24	18.43	19.77	5.97	ppb
Cadmium	111-1	-0.10	0.04	-0.06	-0.04		ppb
Cadmium	106-1	-2.10	-0.19	-1.26	-1.18		ppb
Cadmium	108-1	0.04	0.04	0.15	0.07	86.71	ppb
Calcium	43-1	75434.30	74990.30	74173.77	74866.12	0.85	ppb
Calcium	44-1	75819.42	75870.51	73615.11	75101.68	1.71	ppb
Chromium	52-2	2.51	2.93	2.65	2.70	7.94	ppb
Cobalt	59-2	0.10	0.10	0.09	0.10	5.93	ppb
Copper	63-2	9.54	11.16	10.14	10.28	7.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				86		%
Indium	115-1				93		%
Indium	115-2				78		%
Iron	56-2	67.85	77.52	68.34	71.24	7.64	ppb
Iron	57-2	79.02	86.72	68.08	77.94	12.02	ppb
Krypton	83-1						cps
Lead	206-1	0.37	0.34	0.37	0.36	5.08	ppb
Lead	207-1	0.34	0.34	0.35	0.34	1.96	ppb
Lead	208-1	0.34	0.35	0.35	0.35	1.65	ppb
Lithium	6-1				148		%
Magnesium	24-2	14548.88	16433.27	14529.29	15170.48	7.21	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03DUP	Instrumnet Name :	P8
Client Sample ID :	S13-0242DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:57:46	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.55	7.17	6.18	6.63	7.54	ppb
Molybdenum	94-1	0.37	0.43	0.59	0.46	24.03	ppb
Molybdenum	95-1	0.27	0.22	0.26	0.25	8.73	ppb
Molybdenum	96-1	0.33	0.25	0.28	0.29	15.07	ppb
Molybdenum	97-1	0.27	0.17	0.17	0.21	28.36	ppb
Molybdenum	98-1	0.34	0.28	0.28	0.30	11.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.52	1.87	0.78	1.39	39.77	ppb
Phosphorus	31-2	49.38	-10.29	19.73	19.61	152.16	ppb
Potassium	39-2	2065.55	2453.46	2132.97	2217.33	9.35	ppb
Rhodium	103-1				88		%
Rhodium	103-2				79		%
Scandium	45-1				79		%
Scandium	45-2				66		%
Selenium	77-2	0.00	14.83	0.00	4.94	173.21	ppb
Selenium	78-2	2.42	0.38	-0.83	0.66	250.96	ppb
Selenium	82-1	0.18	0.49	0.63	0.43	52.76	ppb
Silicon	28-1	6229.26	6196.91	6077.73	6167.97	1.29	ppb
Silver	109-1	0.34	0.34	0.32	0.34	2.89	ppb
Silver	107-1	0.34	0.32	0.38	0.35	8.77	ppb
Sodium	23-2	84207.81	94889.95	84264.59	87787.45	7.01	ppb
Strontium	86-1	563.14	552.88	551.19	555.74	1.16	ppb
Strontium	88-1	577.22	572.96	565.11	571.76	1.07	ppb
Sulfur	34-1	6048.53	6118.87	5416.09	5861.16	6.60	ppb
Terbium	159-1				102		%
Terbium	159-2				85		%
Thallium	203-1	0.08	0.08	0.08	0.08	2.53	ppb
Thallium	205-1	0.07	0.07	0.08	0.08	5.32	ppb
Tin	118-1	4.02	4.00	4.07	4.03	0.95	ppb
Titanium	47-1	0.75	0.85	1.18	0.93	24.61	ppb
Uranium	238-1	0.26	0.27	0.24	0.26	5.88	ppb
Vanadium	51-2	0.23	0.33	0.15	0.24	39.15	ppb
Yttrium	89-1				88		%
Yttrium	89-2				74		%
Zinc	66-2	27.34	31.63	27.04	28.67	8.96	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03DUP	Instrumnet Name :	P8
Client Sample ID :	S13-0242DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:57:46	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.16	0.11	0.14	0.14	14.91	ppb
Zirconium	91-1	0.10	0.15	0.16	0.14	23.15	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03LX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242L	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 18:01:06	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.84	11.79	4.18	6.60	68.15	ppb
Antimony	121-1	0.38	0.36	0.36	0.37	2.51	ppb
Arsenic	75-2	0.09	0.14	0.21	0.15	39.06	ppb
Barium	135-1	2.00	1.82	1.80	1.87	5.95	ppb
Barium	137-1	2.09	2.03	1.93	2.02	3.91	ppb
Beryllium	9-1	0.03	0.05	0.08	0.05	51.03	ppb
Bismuth	209-1				109		%
Bismuth	209-2				100		%
Boron	10-1	10.72	9.95	10.34	10.34	3.76	ppb
Boron	11-1	10.24	9.90	8.80	9.65	7.78	ppb
Cadmium	111-1	-0.01	-0.10	-0.09	-0.06		ppb
Cadmium	106-1	-0.05	-1.65	-1.32	-1.01		ppb
Cadmium	108-1	0.07	-0.04	0.00	0.01	580.91	ppb
Calcium	43-1	14974.12	15503.52	14415.58	14964.41	3.64	ppb
Calcium	44-1	15428.69	15762.96	14438.13	15209.93	4.53	ppb
Chromium	52-2	0.56	0.43	0.54	0.51	13.41	ppb
Cobalt	59-2	0.02	0.00	0.03	0.02	70.70	ppb
Copper	63-2	2.37	2.42	2.32	2.37	1.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				91		%
Iron	56-2	14.48	13.21	13.26	13.65	5.26	ppb
Iron	57-2	7.14	15.44	9.50	10.69	39.99	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.06	0.06	9.80	ppb
Lead	207-1	0.05	0.06	0.05	0.05	15.89	ppb
Lead	208-1	0.06	0.08	0.06	0.07	13.90	ppb
Lithium	6-1				122		%
Magnesium	24-2	2779.27	2871.97	2806.38	2819.21	1.69	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03LX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242L	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 18:01:06	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.17	1.58	1.27	1.34	15.81	ppb
Molybdenum	94-1	0.12	0.09	0.15	0.12	23.12	ppb
Molybdenum	95-1	0.13	0.12	0.11	0.12	7.97	ppb
Molybdenum	96-1	0.11	0.15	0.12	0.12	18.56	ppb
Molybdenum	97-1	0.08	0.03	0.11	0.07	60.42	ppb
Molybdenum	98-1	0.12	0.10	0.10	0.11	7.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.86	-1.28	-1.53	-1.22		ppb
Phosphorus	31-2	15.12	41.02	14.49	23.54	64.29	ppb
Potassium	39-2	375.04	425.81	391.57	397.47	6.52	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				87		%
Scandium	45-2				81		%
Selenium	77-2	0.00	5.71	0.00	1.90	173.21	ppb
Selenium	78-2	-0.83	-0.83	0.11	-0.52		ppb
Selenium	82-1	1.17	0.88	0.02	0.69	87.24	ppb
Silicon	28-1	1304.65	1321.24	1228.60	1284.83	3.84	ppb
Silver	109-1	0.13	0.16	0.13	0.14	12.34	ppb
Silver	107-1	0.13	0.14	0.11	0.13	14.19	ppb
Sodium	23-2	16080.61	16073.68	15603.12	15919.14	1.72	ppb
Strontium	86-1	112.44	113.89	108.63	111.66	2.43	ppb
Strontium	88-1	117.79	120.19	112.63	116.87	3.30	ppb
Sulfur	34-1	143.07	300.80	-720.39	-92.17		ppb
Terbium	159-1				106		%
Terbium	159-2				98		%
Thallium	203-1	0.03	0.02	0.02	0.03	18.83	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	41.27	ppb
Tin	118-1	0.61	0.59	0.57	0.59	3.58	ppb
Titanium	47-1	0.11	0.30	0.29	0.23	45.26	ppb
Uranium	238-1	0.05	0.05	0.04	0.05	16.98	ppb
Vanadium	51-2	0.08	0.08	0.02	0.06	55.79	ppb
Yttrium	89-1				94		%
Yttrium	89-2				89		%
Zinc	66-2	6.37	6.28	6.41	6.35	1.10	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03LX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242L	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 18:01:06	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.00	0.01	77.25	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	246.57	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-04	Instrumnet Name :	P8
Client Sample ID :	S13-0242MS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:04:28	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8950.22	9006.25	8798.47	8918.31	1.21	ppb
Antimony	121-1	471.66	470.54	465.54	469.25	0.69	ppb
Arsenic	75-2	481.76	484.33	475.60	480.56	0.93	ppb
Barium	135-1	2342.76	2344.44	2311.34	2332.85	0.80	ppb
Barium	137-1	2330.91	2321.35	2286.18	2312.81	1.02	ppb
Beryllium	9-1	312.08	308.82	301.50	307.47	1.76	ppb
Bismuth	209-1				105		%
Bismuth	209-2				87		%
Boron	10-1	312.56	315.76	312.22	313.51	0.62	ppb
Boron	11-1	297.23	303.10	302.33	300.89	1.06	ppb
Cadmium	111-1	441.93	444.27	442.91	443.03	0.27	ppb
Cadmium	106-1	441.54	437.93	433.44	437.63	0.93	ppb
Cadmium	108-1	447.10	447.37	434.89	443.12	1.61	ppb
Calcium	43-1	118218.26	116913.61	115049.58	116727.15	1.36	ppb
Calcium	44-1	115444.12	114843.25	113621.59	114636.32	0.81	ppb
Chromium	52-2	522.76	508.52	506.17	512.48	1.75	ppb
Cobalt	59-2	540.79	525.14	529.56	531.83	1.52	ppb
Copper	63-2	1095.93	1075.92	1075.65	1082.50	1.07	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				89		%
Indium	115-1				90		%
Indium	115-2				77		%
Iron	56-2	26298.71	25551.11	25661.41	25837.08	1.56	ppb
Iron	57-2	25583.46	25070.29	25118.50	25257.42	1.12	ppb
Krypton	83-1						cps
Lead	206-1	486.60	482.65	491.55	486.93	0.92	ppb
Lead	207-1	475.90	470.11	474.82	473.61	0.65	ppb
Lead	208-1	480.86	479.19	484.14	481.40	0.52	ppb
Lithium	6-1				139		%
Magnesium	24-2	64702.22	62720.64	63417.40	63613.42	1.58	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-04	Instrumnet Name :	P8
Client Sample ID :	S13-0242MS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:04:28	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	995.30	980.45	973.29	983.01	1.14	ppb
Molybdenum	94-1	2442.28	2391.01	2424.29	2419.19	1.08	ppb
Molybdenum	95-1	2399.90	2399.40	2396.82	2398.70	0.07	ppb
Molybdenum	96-1	2398.58	2395.31	2415.80	2403.23	0.46	ppb
Molybdenum	97-1	2420.09	2412.16	2443.11	2425.12	0.66	ppb
Molybdenum	98-1	2399.33	2421.08	2394.13	2404.85	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	547.34	527.37	535.92	536.87	1.87	ppb
Phosphorus	31-2	-10.29	-10.29	-10.29	-10.29		ppb
Potassium	39-2	25282.29	24854.53	24491.05	24875.96	1.59	ppb
Rhodium	103-1				87		%
Rhodium	103-2				81		%
Scandium	45-1				80		%
Scandium	45-2				69		%
Selenium	77-2	470.13	383.60	508.78	454.17	14.11	ppb
Selenium	78-2	500.98	461.88	470.36	477.74	4.31	ppb
Selenium	82-1	472.65	464.36	468.57	468.53	0.88	ppb
Silicon	28-1	6207.60	6096.86	5970.56	6091.68	1.95	ppb
Silver	109-1	437.94	439.57	438.37	438.63	0.19	ppb
Silver	107-1	435.29	440.72	432.99	436.33	0.91	ppb
Sodium	23-2	128574.15	126092.39	125145.21	126603.91	1.40	ppb
Strontium	86-1	1014.11	1007.58	1022.97	1014.88	0.76	ppb
Strontium	88-1	1022.61	1005.44	1009.47	1012.51	0.89	ppb
Sulfur	34-1	5466.00	5377.34	4963.06	5268.80	5.10	ppb
Terbium	159-1				102		%
Terbium	159-2				88		%
Thallium	203-1	484.54	479.73	490.88	485.05	1.15	ppb
Thallium	205-1	486.29	475.45	486.68	482.80	1.32	ppb
Tin	118-1	434.45	435.47	434.09	434.67	0.16	ppb
Titanium	47-1	2423.85	2435.33	2379.83	2413.00	1.21	ppb
Uranium	238-1	505.61	512.86	515.22	511.23	0.98	ppb
Vanadium	51-2	516.10	508.98	508.64	511.24	0.82	ppb
Yttrium	89-1				88		%
Yttrium	89-2				76		%
Zinc	66-2	1030.69	1012.96	1002.40	1015.35	1.41	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-04	Instrumnet Name :	P8
Client Sample ID :	S13-0242MS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:04:28	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	492.14	480.55	478.23	483.64	1.54	ppb
Zirconium	91-1	472.49	468.22	468.15	469.62	0.53	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-05	Instrumnet Name :	P8
Client Sample ID :	S13-0242MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:07:42	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10117.42	9484.55	9492.45	9698.14	3.74	ppb
Antimony	121-1	502.00	502.06	507.18	503.74	0.59	ppb
Arsenic	75-2	552.59	533.34	522.09	536.01	2.88	ppb
Barium	135-1	2494.40	2485.36	2506.95	2495.57	0.43	ppb
Barium	137-1	2464.21	2483.45	2513.80	2487.15	1.01	ppb
Beryllium	9-1	338.00	333.38	333.44	334.94	0.79	ppb
Bismuth	209-1				113		%
Bismuth	209-2				92		%
Boron	10-1	341.09	339.94	348.03	343.02	1.28	ppb
Boron	11-1	328.43	324.12	332.41	328.32	1.26	ppb
Cadmium	111-1	478.15	480.39	484.30	480.95	0.65	ppb
Cadmium	106-1	460.27	474.58	475.39	470.08	1.81	ppb
Cadmium	108-1	469.66	481.55	479.22	476.81	1.32	ppb
Calcium	43-1	127968.17	124298.93	128146.14	126804.41	1.71	ppb
Calcium	44-1	126246.88	123484.35	124420.60	124717.28	1.13	ppb
Chromium	52-2	578.93	541.73	541.26	553.98	3.90	ppb
Cobalt	59-2	597.69	565.61	564.13	575.81	3.29	ppb
Copper	63-2	1241.09	1165.04	1164.99	1190.37	3.69	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				114		%
Holmium	165-2				93		%
Indium	115-1				101		%
Indium	115-2				81		%
Iron	56-2	29426.21	27330.97	27398.50	28051.90	4.24	ppb
Iron	57-2	28715.52	26642.80	26812.68	27390.33	4.20	ppb
Krypton	83-1						cps
Lead	206-1	529.16	531.56	538.25	532.99	0.88	ppb
Lead	207-1	521.66	514.01	524.59	520.09	1.05	ppb
Lead	208-1	526.73	525.44	530.78	527.65	0.53	ppb
Lithium	6-1				149		%
Magnesium	24-2	70593.45	67002.98	65860.02	67818.82	3.64	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-05	Instrumnet Name :	P8
Client Sample ID :	S13-0242MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:07:42	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1121.83	1045.41	1032.21	1066.48	4.54	ppb
Molybdenum	94-1	2594.05	2605.22	2590.65	2596.64	0.29	ppb
Molybdenum	95-1	2575.84	2601.73	2601.97	2593.18	0.58	ppb
Molybdenum	96-1	2593.84	2606.43	2577.89	2592.72	0.55	ppb
Molybdenum	97-1	2616.12	2651.93	2600.47	2622.84	1.01	ppb
Molybdenum	98-1	2625.18	2644.65	2604.28	2624.70	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	610.48	569.51	574.65	584.88	3.82	ppb
Phosphorus	31-2	-10.29	-10.29	17.72	-0.95		ppb
Potassium	39-2	28118.47	26154.22	26314.01	26862.23	4.06	ppb
Rhodium	103-1				95		%
Rhodium	103-2				85		%
Scandium	45-1				86		%
Scandium	45-2				73		%
Selenium	77-2	488.43	521.00	490.28	499.90	3.66	ppb
Selenium	78-2	524.11	532.50	515.98	524.19	1.58	ppb
Selenium	82-1	514.11	511.81	508.86	511.60	0.51	ppb
Silicon	28-1	6721.53	6539.48	6558.62	6606.55	1.51	ppb
Silver	109-1	462.69	464.63	472.93	466.75	1.17	ppb
Silver	107-1	470.90	465.86	471.39	469.39	0.65	ppb
Sodium	23-2	142323.78	134177.82	133675.14	136725.58	3.55	ppb
Strontium	86-1	1110.64	1093.53	1095.90	1100.02	0.84	ppb
Strontium	88-1	1100.95	1095.98	1098.56	1098.50	0.23	ppb
Sulfur	34-1	4640.09	4130.98	4251.44	4340.84	6.13	ppb
Terbium	159-1				113		%
Terbium	159-2				93		%
Thallium	203-1	528.27	529.24	531.72	529.74	0.34	ppb
Thallium	205-1	528.68	525.98	527.59	527.42	0.26	ppb
Tin	118-1	470.57	473.16	480.28	474.67	1.06	ppb
Titanium	47-1	2628.10	2591.51	2612.42	2610.67	0.70	ppb
Uranium	238-1	562.95	567.27	570.32	566.85	0.65	ppb
Vanadium	51-2	577.10	536.24	539.84	551.06	4.11	ppb
Yttrium	89-1				96		%
Yttrium	89-2				79		%
Zinc	66-2	1187.62	1105.78	1111.33	1134.91	4.03	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-05	Instrumnet Name :	P8
Client Sample ID :	S13-0242MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:07:42	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	518.80	517.92	516.28	517.67	0.25	ppb
Zirconium	91-1	509.46	510.14	508.42	509.34	0.17	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03A	Instrumnet Name :	P8
Client Sample ID :	S13-0242A	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:10:55	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9498.62	9330.93	9201.01	9343.52	1.60	ppb
Antimony	121-1	492.11	490.66	499.62	494.13	0.97	ppb
Arsenic	75-2	523.20	505.18	504.08	510.82	2.10	ppb
Barium	135-1	2436.30	2409.93	2487.09	2444.44	1.60	ppb
Barium	137-1	2404.64	2413.15	2440.02	2419.27	0.76	ppb
Beryllium	9-1	323.58	327.85	318.66	323.36	1.42	ppb
Bismuth	209-1				106		%
Bismuth	209-2				87		%
Boron	10-1	335.81	340.14	339.74	338.56	0.71	ppb
Boron	11-1	322.18	330.86	331.05	328.03	1.55	ppb
Cadmium	111-1	466.56	461.33	471.93	466.61	1.14	ppb
Cadmium	106-1	456.68	455.54	463.58	458.60	0.95	ppb
Cadmium	108-1	458.87	465.38	460.63	461.63	0.73	ppb
Calcium	43-1	121712.51	121494.96	121581.63	121596.37	0.09	ppb
Calcium	44-1	119895.46	119291.15	120248.81	119811.80	0.40	ppb
Chromium	52-2	551.73	537.83	531.96	540.51	1.88	ppb
Cobalt	59-2	572.69	556.55	550.98	560.07	2.01	ppb
Copper	63-2	1179.39	1143.57	1133.89	1152.28	2.08	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				105		%
Holmium	165-2				88		%
Indium	115-1				91		%
Indium	115-2				76		%
Iron	56-2	28007.23	27029.21	26816.46	27284.30	2.33	ppb
Iron	57-2	27249.88	26815.61	26056.89	26707.46	2.26	ppb
Krypton	83-1						cps
Lead	206-1	510.03	518.36	517.77	515.38	0.90	ppb
Lead	207-1	501.89	503.46	497.48	500.95	0.62	ppb
Lead	208-1	510.31	511.25	509.40	510.32	0.18	ppb
Lithium	6-1				138		%
Magnesium	24-2	67615.58	66082.24	65671.40	66456.41	1.54	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03A	Instrumnet Name :	P8
Client Sample ID :	S13-0242A	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:10:55	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1055.78	1033.45	1018.84	1036.02	1.80	ppb
Molybdenum	94-1	2525.33	2517.23	2536.70	2526.42	0.39	ppb
Molybdenum	95-1	2533.35	2505.13	2558.30	2532.26	1.05	ppb
Molybdenum	96-1	2519.44	2491.00	2548.26	2519.56	1.14	ppb
Molybdenum	97-1	2540.10	2528.34	2568.10	2545.51	0.80	ppb
Molybdenum	98-1	2513.25	2490.32	2518.67	2507.41	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	579.41	566.27	557.56	567.75	1.94	ppb
Phosphorus	31-2	-10.29	19.81	-10.29	-0.26		ppb
Potassium	39-2	26366.96	26139.85	25670.88	26059.23	1.36	ppb
Rhodium	103-1				88		%
Rhodium	103-2				81		%
Scandium	45-1				80		%
Scandium	45-2				68		%
Selenium	77-2	484.20	481.41	329.89	431.83	20.45	ppb
Selenium	78-2	438.59	505.81	475.23	473.21	7.11	ppb
Selenium	82-1	496.48	491.31	500.74	496.18	0.95	ppb
Silicon	28-1	6301.44	6244.11	6334.90	6293.48	0.73	ppb
Silver	109-1	456.90	457.22	461.63	458.58	0.58	ppb
Silver	107-1	454.38	457.19	458.47	456.68	0.46	ppb
Sodium	23-2	136669.83	133876.29	132784.03	134443.38	1.49	ppb
Strontium	86-1	1065.78	1061.86	1066.79	1064.81	0.24	ppb
Strontium	88-1	1067.23	1056.57	1064.14	1062.65	0.52	ppb
Sulfur	34-1	5015.32	4680.53	4708.88	4801.57	3.87	ppb
Terbium	159-1				104		%
Terbium	159-2				88		%
Thallium	203-1	515.86	512.21	512.80	513.62	0.38	ppb
Thallium	205-1	508.57	512.68	513.36	511.54	0.51	ppb
Tin	118-1	461.02	457.29	462.55	460.29	0.59	ppb
Titanium	47-1	2496.86	2503.72	2525.03	2508.54	0.59	ppb
Uranium	238-1	543.45	544.29	537.24	541.66	0.71	ppb
Vanadium	51-2	548.40	537.23	532.30	539.31	1.53	ppb
Yttrium	89-1				88		%
Yttrium	89-2				75		%
Zinc	66-2	1121.17	1075.08	1074.55	1090.27	2.45	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03A	Instrumnet Name :	P8
Client Sample ID :	S13-0242A	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:10:55	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	503.79	503.32	502.57	503.23	0.12	ppb
Zirconium	91-1	489.32	490.12	497.77	492.40	0.95	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P8
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:14:19	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49954.37	49250.71	52016.91	50407.33	2.85	ppb
Antimony	121-1	430.46	428.86	428.44	429.25	0.25	ppb
Arsenic	75-2	491.12	497.08	527.15	505.11	3.82	ppb
Barium	135-1	2466.75	2463.39	2440.92	2457.02	0.57	ppb
Barium	137-1	2468.60	2460.79	2454.13	2461.17	0.29	ppb
Beryllium	9-1	498.26	493.93	495.15	495.78	0.45	ppb
Bismuth	209-1				107		%
Bismuth	209-2				93		%
Boron	10-1	505.81	529.72	534.13	523.22	2.91	ppb
Boron	11-1	506.50	507.40	513.96	509.29	0.80	ppb
Cadmium	111-1	471.31	469.86	467.27	469.48	0.44	ppb
Cadmium	106-1	468.74	464.98	463.81	465.84	0.55	ppb
Cadmium	108-1	463.22	465.95	465.53	464.90	0.32	ppb
Calcium	43-1	231026.42	230451.04	226529.08	229335.51	1.07	ppb
Calcium	44-1	227918.04	227083.77	226481.28	227161.03	0.32	ppb
Chromium	52-2	533.62	521.93	552.47	536.01	2.87	ppb
Cobalt	59-2	527.45	523.70	547.24	532.80	2.37	ppb
Copper	63-2	1043.51	1028.45	1078.79	1050.25	2.46	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				95		%
Indium	115-1				96		%
Indium	115-2				85		%
Iron	56-2	128958.49	126871.46	133697.07	129842.34	2.69	ppb
Iron	57-2	126066.43	124286.87	130530.20	126961.17	2.53	ppb
Krypton	83-1						cps
Lead	206-1	525.34	521.84	524.45	523.88	0.35	ppb
Lead	207-1	532.12	518.57	518.87	523.19	1.48	ppb
Lead	208-1	525.91	519.63	520.10	521.88	0.67	ppb
Lithium	6-1				104		%
Magnesium	24-2	237232.78	233768.41	247081.63	239360.94	2.89	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P8
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:14:19	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1026.79	1013.78	1066.64	1035.74	2.66	ppb
Molybdenum	94-1	2586.72	2559.96	2544.56	2563.75	0.83	ppb
Molybdenum	95-1	2585.90	2573.45	2556.03	2571.79	0.58	ppb
Molybdenum	96-1	2584.93	2602.07	2521.04	2569.35	1.66	ppb
Molybdenum	97-1	2584.95	2602.30	2575.72	2587.66	0.52	ppb
Molybdenum	98-1	2588.02	2614.32	2571.89	2591.41	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	532.47	520.98	548.01	533.82	2.54	ppb
Phosphorus	31-2	9833.94	9850.38	10359.16	10014.49	2.98	ppb
Potassium	39-2	122980.68	121066.22	128741.79	124262.90	3.22	ppb
Rhodium	103-1				92		%
Rhodium	103-2				85		%
Scandium	45-1				89		%
Scandium	45-2				79		%
Selenium	77-2	487.58	356.29	471.32	438.40	16.33	ppb
Selenium	78-2	479.81	521.86	507.17	502.95	4.24	ppb
Selenium	82-1	495.76	499.18	494.39	496.44	0.50	ppb
Silicon	28-1	553.40	552.35	554.01	553.25	0.15	ppb
Silver	109-1	482.86	482.68	478.85	481.46	0.47	ppb
Silver	107-1	481.49	478.76	473.14	477.80	0.89	ppb
Sodium	23-2	241986.89	239096.42	251634.83	244239.38	2.69	ppb
Strontium	86-1	499.86	501.92	495.39	499.06	0.67	ppb
Strontium	88-1	509.74	512.17	504.42	508.78	0.78	ppb
Sulfur	34-1	8059.85	7994.47	7790.33	7948.22	1.77	ppb
Terbium	159-1				109		%
Terbium	159-2				95		%
Thallium	203-1	523.05	518.06	519.08	520.07	0.51	ppb
Thallium	205-1	527.56	516.04	516.14	519.91	1.27	ppb
Tin	118-1	490.66	495.44	493.69	493.26	0.49	ppb
Titanium	47-1	2591.39	2565.73	2533.46	2563.53	1.13	ppb
Uranium	238-1	539.40	536.48	531.39	535.76	0.76	ppb
Vanadium	51-2	522.08	515.38	542.77	526.74	2.71	ppb
Yttrium	89-1				95		%
Yttrium	89-2				85		%
Zinc	66-2	1043.44	1019.37	1068.58	1043.80	2.36	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P8
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:14:19	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	511.31	515.17	511.30	512.59	0.44	ppb
Zirconium	91-1	507.60	510.27	499.85	505.91	1.07	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P8
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:17:31	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.01	0.16	1.72	2.30	107.77	ppb
Antimony	121-1	1.16	0.91	0.84	0.97	17.08	ppb
Arsenic	75-2	0.17	-0.02	0.03	0.06	164.08	ppb
Barium	135-1	0.09	0.05	0.04	0.06	46.45	ppb
Barium	137-1	0.11	0.08	0.04	0.08	41.56	ppb
Beryllium	9-1	0.53	0.39	0.54	0.48	17.47	ppb
Bismuth	209-1				108		%
Bismuth	209-2				98		%
Boron	10-1	32.69	27.35	27.87	29.30	10.05	ppb
Boron	11-1	31.74	29.43	26.66	29.28	8.70	ppb
Cadmium	111-1	0.13	0.04	0.13	0.10	51.87	ppb
Cadmium	106-1	0.25	-1.15	0.28	-0.21		ppb
Cadmium	108-1	0.27	0.11	0.11	0.16	57.76	ppb
Calcium	43-1	15.69	5.10	-0.85	6.65	126.06	ppb
Calcium	44-1	26.84	22.86	18.81	22.84	17.58	ppb
Chromium	52-2	0.05	-0.02	-0.05	0.00		ppb
Cobalt	59-2	-0.01	0.00	-0.03	-0.01		ppb
Copper	63-2	0.53	0.63	0.65	0.60	10.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				90		%
Iron	56-2	4.31	4.30	3.38	4.00	13.36	ppb
Iron	57-2	3.48	5.45	1.69	3.54	53.14	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.05	0.03	0.03	39.70	ppb
Lead	207-1	0.04	0.02	0.01	0.02	57.54	ppb
Lead	208-1	0.04	0.04	0.03	0.04	10.10	ppb
Lithium	6-1				106		%
Magnesium	24-2	9.20	5.73	9.53	8.15	25.78	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P8
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:17:31	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.03	0.03	0.04	45.86	ppb
Molybdenum	94-1	1.12	0.94	0.89	0.98	11.99	ppb
Molybdenum	95-1	1.29	1.00	0.99	1.09	15.52	ppb
Molybdenum	96-1	1.30	1.00	1.00	1.10	15.63	ppb
Molybdenum	97-1	1.36	1.17	0.79	1.11	26.11	ppb
Molybdenum	98-1	1.19	1.10	0.96	1.08	10.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.87	-2.01	-1.79	-1.89		ppb
Phosphorus	31-2	-10.29	14.94	-10.29	-1.88		ppb
Potassium	39-2	-8.67	-5.12	-36.86	-16.88		ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				88		%
Scandium	45-2				81		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.09	-0.83	1.07	0.44	249.54	ppb
Selenium	82-1	0.80	0.22	0.59	0.54	55.32	ppb
Silicon	28-1	-3.61	-7.51	-7.68	-6.27		ppb
Silver	109-1	0.14	0.12	0.09	0.12	20.25	ppb
Silver	107-1	0.11	0.10	0.09	0.10	6.61	ppb
Sodium	23-2	26.97	21.50	19.27	22.58	17.55	ppb
Strontium	86-1	0.05	0.04	0.01	0.04	64.32	ppb
Strontium	88-1	0.03	0.02	0.02	0.03	29.57	ppb
Sulfur	34-1	-1669.34	-2232.62	-1985.28	-1962.41		ppb
Terbium	159-1				105		%
Terbium	159-2				97		%
Thallium	203-1	0.15	0.18	0.13	0.15	17.60	ppb
Thallium	205-1	0.17	0.14	0.12	0.14	15.16	ppb
Tin	118-1	0.34	0.23	0.21	0.26	26.98	ppb
Titanium	47-1	0.19	0.08	0.04	0.10	76.18	ppb
Uranium	238-1	0.02	0.01	0.01	0.02	39.69	ppb
Vanadium	51-2	0.02	0.00	0.02	0.01	92.46	ppb
Yttrium	89-1				93		%
Yttrium	89-2				87		%
Zinc	66-2	1.08	0.94	0.66	0.89	24.16	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P8
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:17:31	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.14	0.16	0.12	0.14	12.59	ppb
Zirconium	91-1	0.17	0.08	0.10	0.12	39.57	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-06	Instrumnet Name :	P8
Client Sample ID :	S13-0252	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:20:53	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.79	24.44	20.90	22.71	7.81	ppb
Antimony	121-1	2.88	2.26	2.10	2.41	17.18	ppb
Arsenic	75-2	18.97	18.94	19.44	19.11	1.47	ppb
Barium	135-1	28.32	25.63	25.81	26.58	5.65	ppb
Barium	137-1	28.05	26.12	26.29	26.82	3.98	ppb
Beryllium	9-1	0.22	0.14	0.16	0.18	23.00	ppb
Bismuth	209-1				104		%
Bismuth	209-2				89		%
Boron	10-1	42.42	37.65	38.73	39.60	6.32	ppb
Boron	11-1	40.13	37.84	38.75	38.90	2.97	ppb
Cadmium	111-1	0.12	-0.02	-0.05	0.02	555.30	ppb
Cadmium	106-1	-0.60	-1.82	-2.08	-1.50		ppb
Cadmium	108-1	0.17	0.34	0.38	0.30	37.60	ppb
Calcium	43-1	97024.46	88173.98	87500.69	90899.71	5.85	ppb
Calcium	44-1	97774.95	88668.79	88053.36	91499.03	5.95	ppb
Chromium	52-2	0.59	1.09	0.62	0.77	36.42	ppb
Cobalt	59-2	7.98	8.09	7.84	7.97	1.57	ppb
Copper	63-2	5.87	6.49	6.32	6.23	5.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				87		%
Indium	115-1				87		%
Indium	115-2				76		%
Iron	56-2	26050.98	26048.25	25921.84	26007.02	0.28	ppb
Iron	57-2	25239.65	25334.44	25130.56	25234.88	0.40	ppb
Krypton	83-1						cps
Lead	206-1	0.32	0.29	0.26	0.29	10.33	ppb
Lead	207-1	0.31	0.27	0.30	0.29	6.72	ppb
Lead	208-1	0.35	0.30	0.28	0.31	11.05	ppb
Lithium	6-1				133		%
Magnesium	24-2	31626.68	31649.32	31235.37	31503.79	0.74	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-06	Instrumnet Name :	P8
Client Sample ID :	S13-0252	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:20:53	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	12029.81	11953.47	11866.90	11950.06	0.68	ppb
Molybdenum	94-1	3.99	3.71	3.12	3.61	12.28	ppb
Molybdenum	95-1	3.84	3.46	3.08	3.46	11.00	ppb
Molybdenum	96-1	3.72	3.45	3.06	3.41	9.67	ppb
Molybdenum	97-1	3.30	3.17	2.93	3.13	6.00	ppb
Molybdenum	98-1	3.77	3.28	3.23	3.43	8.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.28	20.34	20.22	19.95	2.90	ppb
Phosphorus	31-2	-10.29	-10.29	146.71	42.05	215.59	ppb
Potassium	39-2	2247.98	2221.83	2181.70	2217.17	1.51	ppb
Rhodium	103-1				83		%
Rhodium	103-2				80		%
Scandium	45-1				75		%
Scandium	45-2				65		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.83	0.31	1.44	0.31	370.54	ppb
Selenium	82-1	0.75	0.81	0.70	0.76	7.61	ppb
Silicon	28-1	11561.81	10521.61	10428.46	10837.29	5.81	ppb
Silver	109-1	0.33	0.26	0.26	0.28	13.33	ppb
Silver	107-1	0.34	0.26	0.27	0.29	14.26	ppb
Sodium	23-2	40837.36	41023.94	40816.95	40892.75	0.28	ppb
Strontium	86-1	574.78	530.75	515.16	540.23	5.72	ppb
Strontium	88-1	589.75	545.56	527.81	554.37	5.75	ppb
Sulfur	34-1	-660.11	-2069.75	-1973.06	-1567.64		ppb
Terbium	159-1				98		%
Terbium	159-2				86		%
Thallium	203-1	0.28	0.22	0.19	0.23	19.20	ppb
Thallium	205-1	0.27	0.19	0.20	0.22	19.55	ppb
Tin	118-1	8.70	7.29	6.87	7.62	12.58	ppb
Titanium	47-1	0.85	1.00	1.03	0.96	10.13	ppb
Uranium	238-1	0.25	0.25	0.24	0.24	1.10	ppb
Vanadium	51-2	0.09	0.15	0.12	0.12	24.64	ppb
Yttrium	89-1				83		%
Yttrium	89-2				73		%
Zinc	66-2	9.94	9.29	11.26	10.16	9.87	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-06	Instrumnet Name :	P8
Client Sample ID :	S13-0252	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:20:53	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.17	0.79	0.64	0.87	31.33	ppb
Zirconium	91-1	1.27	0.89	0.77	0.97	26.65	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-07	Instrumnet Name :	P8
Client Sample ID :	S13-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:24:13	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.16	10.63	17.44	13.74	25.07	ppb
Antimony	121-1	1.78	1.84	2.02	1.88	6.77	ppb
Arsenic	75-2	0.62	0.65	0.81	0.69	14.52	ppb
Barium	135-1	0.10	0.16	0.13	0.13	23.63	ppb
Barium	137-1	0.17	0.14	0.17	0.16	11.75	ppb
Beryllium	9-1	0.15	0.11	0.08	0.11	32.99	ppb
Bismuth	209-1				108		%
Bismuth	209-2				88		%
Boron	10-1	12.21	13.11	12.28	12.53	3.99	ppb
Boron	11-1	12.34	11.19	11.21	11.58	5.71	ppb
Cadmium	111-1	-0.07	-0.08	-0.04	-0.06		ppb
Cadmium	106-1	-1.38	-1.49	-1.23	-1.37		ppb
Cadmium	108-1	0.11	0.08	0.04	0.08	50.82	ppb
Calcium	43-1	134.79	124.05	143.27	134.04	7.19	ppb
Calcium	44-1	124.69	128.26	127.49	126.81	1.48	ppb
Chromium	52-2	0.87	0.88	1.03	0.93	9.58	ppb
Cobalt	59-2	0.01	0.03	0.01	0.02	72.57	ppb
Copper	63-2	7.27	7.40	7.51	7.39	1.66	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				102		%
Holmium	165-2				85		%
Indium	115-1				91		%
Indium	115-2				76		%
Iron	56-2	25.89	24.70	24.67	25.09	2.78	ppb
Iron	57-2	30.60	21.26	23.08	24.98	19.81	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.17	0.19	0.17	10.74	ppb
Lead	207-1	0.21	0.16	0.22	0.20	16.10	ppb
Lead	208-1	0.18	0.18	0.19	0.18	5.51	ppb
Lithium	6-1				130		%
Magnesium	24-2	24.09	20.01	19.58	21.23	11.73	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-07	Instrumnet Name :	P8
Client Sample ID :	S13-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:24:13	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.98	7.17	7.82	7.66	5.59	ppb
Molybdenum	94-1	0.48	0.47	0.32	0.42	21.86	ppb
Molybdenum	95-1	0.25	0.25	0.24	0.25	3.10	ppb
Molybdenum	96-1	0.26	0.30	0.24	0.27	11.87	ppb
Molybdenum	97-1	0.16	0.18	0.22	0.18	16.21	ppb
Molybdenum	98-1	0.28	0.24	0.27	0.26	7.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.62	-1.10	-0.95	-0.89		ppb
Phosphorus	31-2	-10.29	-10.29	21.74	0.39	4772.22	ppb
Potassium	39-2	4.72	24.69	-6.09	7.78	200.82	ppb
Rhodium	103-1				88		%
Rhodium	103-2				81		%
Scandium	45-1				76		%
Scandium	45-2				64		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.83	1.47	1.50	0.71	187.67	ppb
Selenium	82-1	0.72	0.47	0.23	0.47	51.83	ppb
Silicon	28-1	3.31	1.93	0.31	1.85	81.01	ppb
Silver	109-1	0.19	0.14	0.16	0.17	15.80	ppb
Silver	107-1	0.19	0.17	0.15	0.17	13.06	ppb
Sodium	23-2	128.39	104.59	111.25	114.74	10.70	ppb
Strontium	86-1	0.15	0.10	0.20	0.15	33.46	ppb
Strontium	88-1	0.23	0.22	0.20	0.22	7.15	ppb
Sulfur	34-1	-1332.06	-1689.72	-1802.75	-1608.17		ppb
Terbium	159-1				101		%
Terbium	159-2				85		%
Thallium	203-1	0.06	0.09	0.13	0.10	35.10	ppb
Thallium	205-1	0.08	0.09	0.11	0.09	21.25	ppb
Tin	118-1	5.81	5.80	5.85	5.82	0.50	ppb
Titanium	47-1	0.63	0.70	0.70	0.68	5.94	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.13	0.13	0.15	0.14	8.24	ppb
Yttrium	89-1				85		%
Yttrium	89-2				71		%
Zinc	66-2	19.46	18.88	17.45	18.60	5.56	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-07	Instrumnet Name :	P8
Client Sample ID :	S13-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:24:13	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.17	0.15	0.17	0.16	7.45	ppb
Zirconium	91-1	0.26	0.20	0.21	0.22	14.73	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-08	Instrumnet Name :	P8
Client Sample ID :	S13-0254	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:27:35	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	440.51	423.79	456.31	440.20	3.69	ppb
Antimony	121-1	1.78	1.98	2.00	1.92	6.38	ppb
Arsenic	75-2	4.62	4.60	4.01	4.41	7.86	ppb
Barium	135-1	16.83	17.82	16.93	17.19	3.17	ppb
Barium	137-1	17.48	17.31	17.69	17.49	1.10	ppb
Beryllium	9-1	0.17	0.22	0.21	0.20	14.36	ppb
Bismuth	209-1				108		%
Bismuth	209-2				89		%
Boron	10-1	24.92	29.46	29.01	27.80	9.00	ppb
Boron	11-1	26.71	27.92	29.06	27.90	4.21	ppb
Cadmium	111-1	-0.15	-0.07	-0.15	-0.12		ppb
Cadmium	106-1	-2.66	-1.28	-2.99	-2.31		ppb
Cadmium	108-1	0.15	0.11	0.04	0.10	57.98	ppb
Calcium	43-1	10504.88	10651.48	10715.31	10623.89	1.02	ppb
Calcium	44-1	10821.71	10940.77	10865.16	10875.88	0.55	ppb
Chromium	52-2	1.40	1.29	1.42	1.37	5.05	ppb
Cobalt	59-2	1.63	1.55	1.66	1.61	3.50	ppb
Copper	63-2	10.17	9.62	9.72	9.84	3.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				87		%
Indium	115-1				91		%
Indium	115-2				76		%
Iron	56-2	5177.23	5010.73	5047.56	5078.51	1.72	ppb
Iron	57-2	4886.62	4779.57	4751.10	4805.76	1.49	ppb
Krypton	83-1						cps
Lead	206-1	3.32	3.47	3.52	3.44	2.98	ppb
Lead	207-1	2.76	2.87	2.77	2.80	2.17	ppb
Lead	208-1	3.07	3.15	3.11	3.11	1.16	ppb
Lithium	6-1				126		%
Magnesium	24-2	4660.91	4476.17	4491.98	4543.02	2.25	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-08	Instrumnet Name :	P8
Client Sample ID :	S13-0254	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:27:35	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	397.06	383.80	388.31	389.72	1.73	ppb
Molybdenum	94-1	1.11	0.94	0.98	1.01	8.70	ppb
Molybdenum	95-1	0.63	0.54	0.57	0.58	8.11	ppb
Molybdenum	96-1	0.68	0.72	0.70	0.70	2.88	ppb
Molybdenum	97-1	0.58	0.53	0.51	0.54	7.23	ppb
Molybdenum	98-1	0.66	0.60	0.55	0.60	9.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.81	7.73	9.25	8.60	9.09	ppb
Phosphorus	31-2	21.46	111.61	51.52	61.53	74.60	ppb
Potassium	39-2	1638.80	1597.67	1614.92	1617.13	1.28	ppb
Rhodium	103-1				88		%
Rhodium	103-2				82		%
Scandium	45-1				77		%
Scandium	45-2				66		%
Selenium	77-2	6.90	6.82	0.00	4.57	86.61	ppb
Selenium	78-2	0.29	0.28	1.44	0.67	98.93	ppb
Selenium	82-1	-0.49	1.24	0.60	0.45	194.57	ppb
Silicon	28-1	2476.11	2474.16	2478.01	2476.09	0.08	ppb
Silver	109-1	0.15	0.14	0.14	0.14	3.27	ppb
Silver	107-1	0.12	0.16	0.14	0.14	11.93	ppb
Sodium	23-2	4184.06	4035.55	4120.43	4113.35	1.81	ppb
Strontium	86-1	95.50	96.11	93.74	95.12	1.29	ppb
Strontium	88-1	99.09	101.01	96.96	99.02	2.04	ppb
Sulfur	34-1	-1438.85	-1537.12	-1572.15	-1516.04		ppb
Terbium	159-1				101		%
Terbium	159-2				86		%
Thallium	203-1	0.07	0.08	0.09	0.08	12.83	ppb
Thallium	205-1	0.06	0.06	0.08	0.07	17.68	ppb
Tin	118-1	4.07	4.18	4.30	4.18	2.79	ppb
Titanium	47-1	9.71	8.91	9.21	9.27	4.35	ppb
Uranium	238-1	0.69	0.72	0.73	0.71	3.02	ppb
Vanadium	51-2	1.87	1.68	1.73	1.76	5.75	ppb
Yttrium	89-1				86		%
Yttrium	89-2				74		%
Zinc	66-2	30.13	27.50	30.87	29.50	6.01	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-08	Instrumnet Name :	P8
Client Sample ID :	S13-0254	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:27:35	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.40	0.39	0.38	0.39	3.38	ppb
Zirconium	91-1	0.37	0.42	0.43	0.41	7.55	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-09	Instrumnet Name :	P8
Client Sample ID :	S13-0255	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:30:55	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.73	34.22	38.86	36.27	6.53	ppb
Antimony	121-1	1.75	1.86	1.87	1.83	3.82	ppb
Arsenic	75-2	10.39	9.29	10.10	9.93	5.78	ppb
Barium	135-1	11.68	12.13	11.62	11.81	2.36	ppb
Barium	137-1	11.36	11.69	11.61	11.55	1.50	ppb
Beryllium	9-1	0.12	0.15	0.14	0.14	9.56	ppb
Bismuth	209-1				108		%
Bismuth	209-2				91		%
Boron	10-1	86.54	95.62	92.22	91.46	5.02	ppb
Boron	11-1	83.40	86.91	86.24	85.51	2.18	ppb
Cadmium	111-1	0.70	0.65	0.58	0.64	9.42	ppb
Cadmium	106-1	-1.03	-2.04	-1.14	-1.40		ppb
Cadmium	108-1	1.01	0.69	0.64	0.78	25.85	ppb
Calcium	43-1	13335.27	13668.98	13471.56	13491.93	1.24	ppb
Calcium	44-1	13467.51	14068.13	13875.12	13803.58	2.22	ppb
Chromium	52-2	0.94	0.92	0.69	0.85	16.65	ppb
Cobalt	59-2	18.36	18.35	18.25	18.32	0.32	ppb
Copper	63-2	7.94	8.79	8.41	8.38	5.10	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				87		%
Indium	115-1				91		%
Indium	115-2				77		%
Iron	56-2	20729.75	21060.40	21238.42	21009.53	1.23	ppb
Iron	57-2	20189.94	20415.53	20683.82	20429.77	1.21	ppb
Krypton	83-1						cps
Lead	206-1	0.50	0.51	0.50	0.51	0.72	ppb
Lead	207-1	0.44	0.47	0.40	0.44	8.69	ppb
Lead	208-1	0.48	0.49	0.45	0.47	4.66	ppb
Lithium	6-1				122		%
Magnesium	24-2	3417.85	3535.97	3492.14	3481.99	1.71	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-09	Instrumnet Name :	P8
Client Sample ID :	S13-0255	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:30:55	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8326.84	8484.48	8543.13	8451.48	1.32	ppb
Molybdenum	94-1	0.51	0.58	0.44	0.51	13.59	ppb
Molybdenum	95-1	0.26	0.30	0.27	0.28	7.92	ppb
Molybdenum	96-1	0.23	0.31	0.25	0.26	16.18	ppb
Molybdenum	97-1	0.17	0.15	0.12	0.15	18.40	ppb
Molybdenum	98-1	0.21	0.20	0.22	0.21	3.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.88	1.61	1.25	1.25	29.64	ppb
Phosphorus	31-2	-10.29	-10.29	-10.29	-10.29		ppb
Potassium	39-2	1738.72	1648.68	1724.57	1703.99	2.84	ppb
Rhodium	103-1				87		%
Rhodium	103-2				83		%
Scandium	45-1				77		%
Scandium	45-2				66		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.29	-0.83	1.40	0.29	391.13	ppb
Selenium	82-1	0.93	0.75	0.69	0.79	16.34	ppb
Silicon	28-1	4344.31	4547.36	4279.20	4390.29	3.19	ppb
Silver	109-1	0.13	0.11	0.10	0.11	15.05	ppb
Silver	107-1	0.13	0.10	0.12	0.12	10.63	ppb
Sodium	23-2	4984.27	5062.60	5126.33	5057.73	1.41	ppb
Strontium	86-1	117.93	122.84	118.49	119.75	2.24	ppb
Strontium	88-1	123.05	130.29	125.67	126.34	2.90	ppb
Sulfur	34-1	770.67	1256.59	919.07	982.11	25.36	ppb
Terbium	159-1				102		%
Terbium	159-2				87		%
Thallium	203-1	0.39	0.41	0.40	0.40	2.83	ppb
Thallium	205-1	0.39	0.43	0.41	0.41	4.65	ppb
Tin	118-1	5.11	5.38	5.12	5.20	2.96	ppb
Titanium	47-1	1.34	1.35	1.17	1.29	7.86	ppb
Uranium	238-1	22.61	23.28	22.40	22.76	2.01	ppb
Vanadium	51-2	0.19	0.28	0.28	0.25	21.13	ppb
Yttrium	89-1				87		%
Yttrium	89-2				74		%
Zinc	66-2	23.91	24.85	25.34	24.70	2.95	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-09	Instrumnet Name :	P8
Client Sample ID :	S13-0255	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:30:55	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.22	0.20	0.18	0.20	11.04	ppb
Zirconium	91-1	0.21	0.21	0.28	0.23	16.85	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-10	Instrumnet Name :	P8
Client Sample ID :	S13-0248	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:34:16	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.02	38.44	33.26	35.90	7.21	ppb
Antimony	121-1	1.79	1.86	2.02	1.89	6.24	ppb
Arsenic	75-2	4.16	4.59	3.76	4.17	9.97	ppb
Barium	135-1	2.77	2.83	2.94	2.84	3.03	ppb
Barium	137-1	2.79	2.71	2.67	2.72	2.29	ppb
Beryllium	9-1	0.10	0.08	0.08	0.09	16.73	ppb
Bismuth	209-1				108		%
Bismuth	209-2				87		%
Boron	10-1	13.46	13.73	13.70	13.63	1.08	ppb
Boron	11-1	13.58	12.69	12.78	13.02	3.73	ppb
Cadmium	111-1	-0.09	-0.18	-0.05	-0.11		ppb
Cadmium	106-1	-1.56	-2.58	-0.87	-1.67		ppb
Cadmium	108-1	0.08	0.15	0.07	0.10	44.63	ppb
Calcium	43-1	636.53	652.24	690.27	659.68	4.19	ppb
Calcium	44-1	660.60	674.29	657.01	663.97	1.37	ppb
Chromium	52-2	0.86	0.71	0.84	0.80	10.56	ppb
Cobalt	59-2	2.09	2.31	2.15	2.18	5.26	ppb
Copper	63-2	7.37	8.48	7.55	7.80	7.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				86		%
Indium	115-1				91		%
Indium	115-2				76		%
Iron	56-2	11010.86	11640.04	10990.86	11213.92	3.29	ppb
Iron	57-2	10590.08	11241.58	10679.92	10837.19	3.26	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.20	0.20	0.20	0.80	ppb
Lead	207-1	0.18	0.19	0.19	0.19	4.44	ppb
Lead	208-1	0.20	0.20	0.19	0.20	4.19	ppb
Lithium	6-1				115		%
Magnesium	24-2	76.84	83.21	74.90	78.32	5.55	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-10	Instrumnet Name :	P8
Client Sample ID :	S13-0248	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:34:16	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	205.80	219.89	207.29	211.00	3.67	ppb
Molybdenum	94-1	0.42	0.37	0.42	0.40	7.20	ppb
Molybdenum	95-1	0.33	0.30	0.30	0.31	5.82	ppb
Molybdenum	96-1	0.29	0.35	0.40	0.35	15.78	ppb
Molybdenum	97-1	0.36	0.27	0.29	0.31	14.62	ppb
Molybdenum	98-1	0.37	0.40	0.38	0.38	4.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.72	1.80	1.74	1.76	2.18	ppb
Phosphorus	31-2	50.95	22.21	20.11	31.09	55.42	ppb
Potassium	39-2	300.87	301.37	272.61	291.61	5.65	ppb
Rhodium	103-1				89		%
Rhodium	103-2				83		%
Scandium	45-1				78		%
Scandium	45-2				66		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.83	-0.83	1.41	-0.09		ppb
Selenium	82-1	0.23	0.52	0.34	0.36	40.92	ppb
Silicon	28-1	204.70	203.18	199.17	202.35	1.41	ppb
Silver	109-1	0.12	0.11	0.10	0.11	6.56	ppb
Silver	107-1	0.11	0.11	0.10	0.10	2.59	ppb
Sodium	23-2	221.18	245.70	222.93	229.94	5.95	ppb
Strontium	86-1	2.72	2.65	2.74	2.70	1.83	ppb
Strontium	88-1	2.77	2.84	2.84	2.82	1.34	ppb
Sulfur	34-1	-1822.21	-1712.95	-1934.53	-1823.23		ppb
Terbium	159-1				102		%
Terbium	159-2				86		%
Thallium	203-1	0.03	0.04	0.04	0.04	17.58	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	5.03	ppb
Tin	118-1	4.28	4.51	4.43	4.41	2.58	ppb
Titanium	47-1	1.10	0.91	1.08	1.03	9.67	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	13.46	ppb
Vanadium	51-2	0.27	0.27	0.19	0.24	19.84	ppb
Yttrium	89-1				87		%
Yttrium	89-2				74		%
Zinc	66-2	28.81	30.37	28.73	29.30	3.15	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-10	Instrumnet Name :	P8
Client Sample ID :	S13-0248	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:34:16	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.12	0.09	0.08	0.10	19.34	ppb
Zirconium	91-1	0.08	0.11	0.12	0.10	19.38	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-11	Instrumnet Name :	P8
Client Sample ID :	S13-0259	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:37:37	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	109.28	123.95	118.49	117.24	6.32	ppb
Antimony	121-1	1.54	1.55	1.49	1.53	2.17	ppb
Arsenic	75-2	102.55	102.65	99.98	101.73	1.48	ppb
Barium	135-1	32.93	32.28	32.63	32.61	1.00	ppb
Barium	137-1	33.28	33.41	32.68	33.12	1.19	ppb
Beryllium	9-1	0.06	0.13	0.11	0.10	39.14	ppb
Bismuth	209-1				110		%
Bismuth	209-2				92		%
Boron	10-1	72.42	74.06	77.59	74.69	3.54	ppb
Boron	11-1	69.94	69.24	70.72	69.97	1.06	ppb
Cadmium	111-1	-0.21	-0.10	-0.19	-0.16		ppb
Cadmium	106-1	-2.73	-1.34	-2.70	-2.26		ppb
Cadmium	108-1	0.18	0.18	0.14	0.17	14.00	ppb
Calcium	43-1	23698.83	23573.60	23497.75	23590.06	0.43	ppb
Calcium	44-1	23824.36	23776.75	23791.42	23797.51	0.10	ppb
Chromium	52-2	0.94	1.11	1.04	1.03	8.50	ppb
Cobalt	59-2	11.18	11.53	10.98	11.23	2.45	ppb
Copper	63-2	8.93	9.10	9.26	9.10	1.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				90		%
Indium	115-1				94		%
Indium	115-2				79		%
Iron	56-2	51806.66	52506.52	52010.62	52107.93	0.69	ppb
Iron	57-2	50903.63	51008.05	50915.03	50942.24	0.11	ppb
Krypton	83-1						cps
Lead	206-1	0.70	0.75	0.73	0.72	3.19	ppb
Lead	207-1	0.61	0.67	0.65	0.65	4.84	ppb
Lead	208-1	0.65	0.71	0.68	0.68	4.05	ppb
Lithium	6-1				109		%
Magnesium	24-2	5751.06	5822.68	5763.01	5778.92	0.66	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-11	Instrumnet Name :	P8
Client Sample ID :	S13-0259	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:37:37	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10125.57	10207.63	10177.51	10170.24	0.41	ppb
Molybdenum	94-1	0.52	0.61	0.51	0.55	9.54	ppb
Molybdenum	95-1	0.38	0.41	0.39	0.39	3.79	ppb
Molybdenum	96-1	0.55	0.49	0.39	0.48	16.88	ppb
Molybdenum	97-1	0.43	0.40	0.37	0.40	7.30	ppb
Molybdenum	98-1	0.37	0.39	0.40	0.39	4.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.37	1.32	1.09	1.26	11.79	ppb
Phosphorus	31-2	77.89	48.87	77.56	68.11	24.46	ppb
Potassium	39-2	2058.78	1995.59	1993.51	2015.96	1.84	ppb
Rhodium	103-1				90		%
Rhodium	103-2				85		%
Scandium	45-1				80		%
Scandium	45-2				70		%
Selenium	77-2	6.60	6.60	0.00	4.40	86.60	ppb
Selenium	78-2	-0.83	2.41	0.25	0.61	271.22	ppb
Selenium	82-1	1.81	0.45	0.75	1.01	71.13	ppb
Silicon	28-1	6857.99	6792.55	6818.25	6822.93	0.48	ppb
Silver	109-1	0.09	0.11	0.10	0.10	12.48	ppb
Silver	107-1	0.10	0.09	0.10	0.10	8.11	ppb
Sodium	23-2	6731.24	6795.24	6757.31	6761.26	0.48	ppb
Strontium	86-1	140.70	140.15	139.62	140.15	0.39	ppb
Strontium	88-1	147.32	146.84	145.72	146.63	0.56	ppb
Sulfur	34-1	4878.31	4638.54	4762.63	4759.83	2.52	ppb
Terbium	159-1				105		%
Terbium	159-2				89		%
Thallium	203-1	0.04	0.03	0.02	0.03	22.85	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	8.14	ppb
Tin	118-1	3.01	3.08	3.17	3.09	2.63	ppb
Titanium	47-1	2.18	2.07	2.39	2.21	7.37	ppb
Uranium	238-1	0.06	0.06	0.07	0.07	12.09	ppb
Vanadium	51-2	0.38	0.48	0.46	0.44	11.88	ppb
Yttrium	89-1				90		%
Yttrium	89-2				77		%
Zinc	66-2	21.88	23.84	23.70	23.14	4.73	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-11	Instrumnet Name :	P8
Client Sample ID :	S13-0259	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:37:37	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.17	0.17	0.16	0.17	3.92	ppb
Zirconium	91-1	0.27	0.20	0.15	0.21	28.83	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-12	Instrumnet Name :	P8
Client Sample ID :	S13-0262	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:40:58	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.91	34.79	37.55	35.75	4.35	ppb
Antimony	121-1	1.50	1.59	1.55	1.55	2.92	ppb
Arsenic	75-2	156.42	155.62	155.16	155.73	0.41	ppb
Barium	135-1	22.24	21.55	21.93	21.91	1.60	ppb
Barium	137-1	22.05	22.61	22.41	22.36	1.28	ppb
Beryllium	9-1	0.12	0.11	0.12	0.12	6.27	ppb
Bismuth	209-1				110		%
Bismuth	209-2				91		%
Boron	10-1	172.62	167.11	179.00	172.91	3.44	ppb
Boron	11-1	165.71	167.53	168.37	167.20	0.81	ppb
Cadmium	111-1	-0.15	-0.06	-0.10	-0.10		ppb
Cadmium	106-1	-2.55	-1.41	-2.11	-2.02		ppb
Cadmium	108-1	0.07	0.14	0.15	0.12	33.95	ppb
Calcium	43-1	19234.64	18981.26	19462.69	19226.20	1.25	ppb
Calcium	44-1	19330.15	19384.43	19225.30	19313.29	0.42	ppb
Chromium	52-2	1.38	1.46	1.26	1.37	7.52	ppb
Cobalt	59-2	17.32	17.17	16.70	17.07	1.90	ppb
Copper	63-2	15.58	15.49	15.39	15.49	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				106		%
Holmium	165-2				89		%
Indium	115-1				95		%
Indium	115-2				80		%
Iron	56-2	82816.57	82517.31	81148.41	82160.76	1.08	ppb
Iron	57-2	81067.14	80755.23	78761.82	80194.73	1.56	ppb
Krypton	83-1						cps
Lead	206-1	2.43	2.35	2.25	2.34	3.71	ppb
Lead	207-1	2.09	2.08	2.18	2.12	2.49	ppb
Lead	208-1	2.21	2.19	2.20	2.20	0.52	ppb
Lithium	6-1				104		%
Magnesium	24-2	7500.83	7455.38	7316.60	7424.27	1.29	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-12	Instrumnet Name :	P8
Client Sample ID :	S13-0262	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:40:58	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4909.31	4867.40	4778.77	4851.83	1.37	ppb
Molybdenum	94-1	1.64	1.72	1.61	1.66	3.54	ppb
Molybdenum	95-1	1.78	1.93	1.90	1.87	4.23	ppb
Molybdenum	96-1	2.02	2.01	2.04	2.02	0.75	ppb
Molybdenum	97-1	1.82	1.88	2.01	1.91	5.11	ppb
Molybdenum	98-1	1.96	1.90	1.89	1.92	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.55	6.82	5.91	6.42	7.27	ppb
Phosphorus	31-2	168.19	226.96	163.77	186.30	18.93	ppb
Potassium	39-2	1865.31	1826.24	1824.95	1838.83	1.25	ppb
Rhodium	103-1				91		%
Rhodium	103-2				86		%
Scandium	45-1				80		%
Scandium	45-2				70		%
Selenium	77-2	13.11	6.51	0.00	6.54	100.22	ppb
Selenium	78-2	0.24	4.49	2.33	2.35	90.43	ppb
Selenium	82-1	2.05	1.96	1.40	1.80	19.53	ppb
Silicon	28-1	7459.71	7367.48	7303.17	7376.79	1.07	ppb
Silver	109-1	0.14	0.13	0.14	0.14	4.30	ppb
Silver	107-1	0.16	0.13	0.12	0.14	15.96	ppb
Sodium	23-2	11662.74	11711.45	11368.69	11580.96	1.60	ppb
Strontium	86-1	114.24	112.61	111.45	112.76	1.24	ppb
Strontium	88-1	116.94	117.29	117.79	117.34	0.37	ppb
Sulfur	34-1	-1316.80	-1570.46	-1774.08	-1553.78		ppb
Terbium	159-1				104		%
Terbium	159-2				89		%
Thallium	203-1	0.03	0.04	0.03	0.03	16.42	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	16.12	ppb
Tin	118-1	3.20	3.33	3.22	3.25	2.02	ppb
Titanium	47-1	1.65	1.78	1.35	1.59	14.05	ppb
Uranium	238-1	0.63	0.65	0.62	0.63	2.71	ppb
Vanadium	51-2	1.82	1.68	1.78	1.76	4.08	ppb
Yttrium	89-1				91		%
Yttrium	89-2				78		%
Zinc	66-2	34.35	36.29	38.32	36.32	5.46	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-12	Instrumnet Name :	P8
Client Sample ID :	S13-0262	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:40:58	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.21	0.24	0.20	0.22	9.14	ppb
Zirconium	91-1	0.32	0.29	0.22	0.28	17.75	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-13	Instrumnet Name :	P8
Client Sample ID :	S13-0260	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:44:18	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50.98	46.95	48.92	48.95	4.12	ppb
Antimony	121-1	1.44	1.47	1.51	1.47	2.52	ppb
Arsenic	75-2	193.27	196.38	197.63	195.76	1.15	ppb
Barium	135-1	33.00	33.07	32.35	32.81	1.21	ppb
Barium	137-1	33.26	32.48	33.25	33.00	1.34	ppb
Beryllium	9-1	0.09	0.09	0.18	0.12	43.10	ppb
Bismuth	209-1				108		%
Bismuth	209-2				90		%
Boron	10-1	124.49	122.58	120.06	122.38	1.82	ppb
Boron	11-1	118.20	116.79	121.46	118.82	2.02	ppb
Cadmium	111-1	-0.18	-0.11	-0.16	-0.15		ppb
Cadmium	106-1	-2.58	-1.48	-2.23	-2.10		ppb
Cadmium	108-1	0.11	0.07	0.04	0.07	51.16	ppb
Calcium	43-1	36012.00	35792.72	35600.78	35801.84	0.57	ppb
Calcium	44-1	36388.70	36128.70	36033.05	36183.49	0.51	ppb
Chromium	52-2	0.74	0.74	0.69	0.72	4.04	ppb
Cobalt	59-2	7.01	6.73	6.75	6.83	2.31	ppb
Copper	63-2	6.91	7.06	7.22	7.06	2.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				88		%
Indium	115-1				93		%
Indium	115-2				78		%
Iron	56-2	63925.72	63389.29	63674.79	63663.27	0.42	ppb
Iron	57-2	62356.76	62214.24	62387.59	62319.53	0.15	ppb
Krypton	83-1						cps
Lead	206-1	0.27	0.33	0.25	0.28	14.98	ppb
Lead	207-1	0.21	0.23	0.27	0.23	12.81	ppb
Lead	208-1	0.27	0.27	0.25	0.26	3.38	ppb
Lithium	6-1				101		%
Magnesium	24-2	8002.66	8023.76	8026.04	8017.49	0.16	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-13	Instrumnet Name :	P8
Client Sample ID :	S13-0260	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:44:18	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7020.37	6987.52	7015.73	7007.88	0.25	ppb
Molybdenum	94-1	0.99	0.98	1.10	1.02	7.01	ppb
Molybdenum	95-1	1.26	1.18	1.19	1.21	3.77	ppb
Molybdenum	96-1	1.26	1.28	1.42	1.32	6.54	ppb
Molybdenum	97-1	1.07	1.03	1.20	1.10	8.24	ppb
Molybdenum	98-1	1.24	1.22	1.28	1.25	2.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.67	11.35	10.95	10.99	3.11	ppb
Phosphorus	31-2	79.27	167.55	138.35	128.39	35.03	ppb
Potassium	39-2	5000.33	5098.68	4959.85	5019.62	1.42	ppb
Rhodium	103-1				89		%
Rhodium	103-2				83		%
Scandium	45-1				79		%
Scandium	45-2				69		%
Selenium	77-2	0.00	6.75	0.00	2.25	173.21	ppb
Selenium	78-2	1.37	0.27	3.59	1.74	97.09	ppb
Selenium	82-1	1.28	1.16	0.35	0.93	54.37	ppb
Silicon	28-1	10787.45	10637.39	10543.42	10656.09	1.16	ppb
Silver	109-1	0.09	0.07	0.07	0.08	20.62	ppb
Silver	107-1	0.08	0.07	0.07	0.07	8.91	ppb
Sodium	23-2	14737.67	14613.28	14752.85	14701.26	0.52	ppb
Strontium	86-1	411.01	404.91	407.27	407.73	0.75	ppb
Strontium	88-1	419.39	417.23	418.64	418.42	0.26	ppb
Sulfur	34-1	-2037.12	-1946.21	-2093.95	-2025.76		ppb
Terbium	159-1				104		%
Terbium	159-2				88		%
Thallium	203-1	0.05	0.04	0.04	0.04	14.08	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	18.03	ppb
Tin	118-1	3.11	2.88	2.95	2.98	3.87	ppb
Titanium	47-1	1.71	1.71	1.87	1.76	5.20	ppb
Uranium	238-1	0.06	0.08	0.08	0.07	11.66	ppb
Vanadium	51-2	0.38	0.24	0.31	0.31	21.95	ppb
Yttrium	89-1				89		%
Yttrium	89-2				76		%
Zinc	66-2	23.66	23.82	25.57	24.35	4.35	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-13	Instrumnet Name :	P8
Client Sample ID :	S13-0260	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:44:18	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.13	0.13	0.11	0.12	6.63	ppb
Zirconium	91-1	0.17	0.14	0.13	0.15	15.62	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-14	Instrumnet Name :	P8
Client Sample ID :	S13-0243	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:47:40	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	60.03	37.80	59.07	52.30	24.03	ppb
Antimony	121-1	1.41	1.45	1.50	1.45	3.09	ppb
Arsenic	75-2	29.50	30.76	29.10	29.79	2.90	ppb
Barium	135-1	22.53	22.58	23.45	22.86	2.26	ppb
Barium	137-1	22.95	22.82	23.77	23.18	2.23	ppb
Beryllium	9-1	0.10	0.18	0.04	0.11	66.99	ppb
Bismuth	209-1				105		%
Bismuth	209-2				86		%
Boron	10-1	28.90	29.83	27.38	28.70	4.32	ppb
Boron	11-1	29.75	28.88	29.82	29.48	1.79	ppb
Cadmium	111-1	-0.11	-0.11	-0.17	-0.13		ppb
Cadmium	106-1	-1.76	-1.50	-2.47	-1.91		ppb
Cadmium	108-1	0.00	0.41	0.35	0.25	87.77	ppb
Calcium	43-1	86425.51	86193.80	89971.78	87530.36	2.42	ppb
Calcium	44-1	87325.90	86864.17	90384.71	88191.59	2.17	ppb
Chromium	52-2	1.95	1.83	1.70	1.83	6.75	ppb
Cobalt	59-2	4.40	4.11	4.27	4.26	3.39	ppb
Copper	63-2	6.32	6.65	6.92	6.63	4.53	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				88		%
Indium	115-1				90		%
Indium	115-2				76		%
Iron	56-2	29606.03	29677.87	29642.50	29642.13	0.12	ppb
Iron	57-2	28883.79	29183.94	28888.41	28985.38	0.59	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.12	0.12	0.12	5.83	ppb
Lead	207-1	0.15	0.08	0.16	0.13	31.41	ppb
Lead	208-1	0.15	0.12	0.14	0.14	12.45	ppb
Lithium	6-1				98		%
Magnesium	24-2	14939.22	14829.77	14712.16	14827.05	0.77	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-14	Instrumnet Name :	P8
Client Sample ID :	S13-0243	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:47:40	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2541.17	2540.94	2527.80	2536.64	0.30	ppb
Molybdenum	94-1	2.80	2.87	2.92	2.86	2.12	ppb
Molybdenum	95-1	0.48	0.54	0.49	0.50	6.40	ppb
Molybdenum	96-1	0.80	0.82	0.90	0.84	6.56	ppb
Molybdenum	97-1	0.37	0.48	0.44	0.43	13.37	ppb
Molybdenum	98-1	0.52	0.54	0.62	0.56	8.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.94	3.45	3.47	3.28	9.21	ppb
Phosphorus	31-2	296.53	423.93	143.85	288.10	48.67	ppb
Potassium	39-2	3320.25	3237.57	3272.84	3276.89	1.27	ppb
Rhodium	103-1				86		%
Rhodium	103-2				80		%
Scandium	45-1				76		%
Scandium	45-2				67		%
Selenium	77-2	6.93	13.95	6.94	9.27	43.71	ppb
Selenium	78-2	1.43	-0.83	1.43	0.68	193.07	ppb
Selenium	82-1	0.80	0.50	-0.07	0.41	107.67	ppb
Silicon	28-1	11482.39	11381.85	11916.73	11593.66	2.45	ppb
Silver	109-1	0.05	0.07	0.07	0.06	13.42	ppb
Silver	107-1	0.07	0.07	0.07	0.07	4.69	ppb
Sodium	23-2	240158.39	238325.55	237694.82	238726.25	0.54	ppb
Strontium	86-1	472.87	474.47	488.88	478.74	1.84	ppb
Strontium	88-1	483.62	486.81	503.01	491.15	2.12	ppb
Sulfur	34-1	-1520.70	-1624.50	-1075.79	-1406.99		ppb
Terbium	159-1				102		%
Terbium	159-2				87		%
Thallium	203-1	0.01	0.02	0.00	0.01	70.50	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	27.08	ppb
Tin	118-1	2.68	2.51	2.72	2.64	4.23	ppb
Titanium	47-1	3.00	3.11	3.12	3.08	2.11	ppb
Uranium	238-1	0.38	0.39	0.43	0.40	6.41	ppb
Vanadium	51-2	5.69	5.04	5.48	5.40	6.14	ppb
Yttrium	89-1				86		%
Yttrium	89-2				73		%
Zinc	66-2	15.56	18.19	18.42	17.39	9.14	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-14	Instrumnet Name :	P8
Client Sample ID :	S13-0243	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:47:40	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.56	1.50	1.65	1.57	4.77	ppb
Zirconium	91-1	1.65	1.64	1.77	1.69	4.45	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-15	Instrumnet Name :	P8
Client Sample ID :	S13-0253	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:51:01	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54.03	50.37	55.32	53.24	4.82	ppb
Antimony	121-1	1.69	1.70	1.77	1.72	2.42	ppb
Arsenic	75-2	3.96	4.84	4.12	4.30	10.90	ppb
Barium	135-1	19.15	18.60	19.48	19.08	2.34	ppb
Barium	137-1	19.47	19.71	19.28	19.49	1.11	ppb
Beryllium	9-1	0.03	0.10	0.13	0.09	57.19	ppb
Bismuth	209-1				109		%
Bismuth	209-2				87		%
Boron	10-1	23.66	22.14	25.60	23.80	7.29	ppb
Boron	11-1	23.05	23.15	22.63	22.94	1.19	ppb
Cadmium	111-1	-0.05	-0.07	-0.12	-0.08		ppb
Cadmium	106-1	-1.36	-1.49	-2.47	-1.77		ppb
Cadmium	108-1	0.15	0.14	0.07	0.12	34.95	ppb
Calcium	43-1	33191.72	31925.07	32728.72	32615.17	1.97	ppb
Calcium	44-1	33204.21	32693.51	33335.93	33077.88	1.03	ppb
Chromium	52-2	1.15	1.46	1.08	1.23	16.37	ppb
Cobalt	59-2	1.96	1.95	1.95	1.95	0.16	ppb
Copper	63-2	6.84	7.53	7.75	7.37	6.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				85		%
Indium	115-1				92		%
Indium	115-2				74		%
Iron	56-2	5941.17	6293.01	6110.19	6114.79	2.88	ppb
Iron	57-2	5751.53	5905.08	5854.51	5837.04	1.34	ppb
Krypton	83-1						cps
Lead	206-1	0.34	0.36	0.34	0.35	3.32	ppb
Lead	207-1	0.29	0.31	0.25	0.28	11.21	ppb
Lead	208-1	0.32	0.33	0.30	0.31	5.63	ppb
Lithium	6-1				102		%
Magnesium	24-2	7648.43	8214.03	8062.99	7975.15	3.67	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-15	Instrumnet Name :	P8
Client Sample ID :	S13-0253	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:51:01	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2080.15	2196.45	2151.23	2142.61	2.74	ppb
Molybdenum	94-1	0.63	0.65	0.58	0.62	5.51	ppb
Molybdenum	95-1	0.64	0.57	0.62	0.61	6.13	ppb
Molybdenum	96-1	0.61	0.61	0.59	0.60	2.10	ppb
Molybdenum	97-1	0.54	0.67	0.54	0.58	12.68	ppb
Molybdenum	98-1	0.61	0.65	0.66	0.64	4.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.61	0.63	0.21	0.48	49.73	ppb
Phosphorus	31-2	273.59	189.51	152.84	205.31	30.15	ppb
Potassium	39-2	6347.82	6843.66	6585.62	6592.37	3.76	ppb
Rhodium	103-1				89		%
Rhodium	103-2				79		%
Scandium	45-1				76		%
Scandium	45-2				63		%
Selenium	77-2	0.00	7.48	7.09	4.86	86.69	ppb
Selenium	78-2	0.32	4.06	1.48	1.95	97.86	ppb
Selenium	82-1	-0.17	0.21	0.17	0.07	297.49	ppb
Silicon	28-1	7986.23	7823.39	8062.61	7957.41	1.54	ppb
Silver	109-1	0.07	0.05	0.07	0.06	17.60	ppb
Silver	107-1	0.07	0.07	0.07	0.07	3.87	ppb
Sodium	23-2	57321.64	60775.73	59681.87	59259.75	2.98	ppb
Strontium	86-1	205.53	205.19	205.34	205.35	0.08	ppb
Strontium	88-1	211.66	213.88	213.79	213.11	0.59	ppb
Sulfur	34-1	-2062.79	-2268.17	-2049.24	-2126.74		ppb
Terbium	159-1				104		%
Terbium	159-2				85		%
Thallium	203-1	0.02	0.02	0.02	0.02	8.13	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	35.01	ppb
Tin	118-1	2.43	2.42	2.46	2.44	0.66	ppb
Titanium	47-1	3.85	3.45	3.47	3.59	6.37	ppb
Uranium	238-1	0.24	0.23	0.23	0.23	2.21	ppb
Vanadium	51-2	0.97	0.96	1.27	1.07	16.71	ppb
Yttrium	89-1				87		%
Yttrium	89-2				71		%
Zinc	66-2	35.37	35.59	37.71	36.23	3.57	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-15	Instrumnet Name :	P8
Client Sample ID :	S13-0253	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:51:01	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.13	0.11	0.12	0.12	9.22	ppb
Zirconium	91-1	0.08	0.11	0.14	0.11	25.92	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:54:21	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51595.40	50287.62	54172.82	52018.61	3.80	ppb
Antimony	121-1	433.36	437.20	436.27	435.61	0.46	ppb
Arsenic	75-2	511.61	512.47	553.02	525.70	4.50	ppb
Barium	135-1	2474.61	2512.82	2460.25	2482.56	1.09	ppb
Barium	137-1	2474.12	2478.96	2453.55	2468.88	0.55	ppb
Beryllium	9-1	567.15	560.05	559.12	562.11	0.78	ppb
Bismuth	209-1				111		%
Bismuth	209-2				94		%
Boron	10-1	556.03	565.39	565.41	562.28	0.96	ppb
Boron	11-1	551.92	561.26	569.25	560.81	1.55	ppb
Cadmium	111-1	472.33	469.68	466.77	469.59	0.59	ppb
Cadmium	106-1	478.03	469.59	462.57	470.06	1.65	ppb
Cadmium	108-1	475.33	458.29	467.07	466.90	1.83	ppb
Calcium	43-1	230700.51	230232.56	229594.11	230175.73	0.24	ppb
Calcium	44-1	227571.22	229372.62	227765.46	228236.43	0.43	ppb
Chromium	52-2	553.52	542.87	589.54	561.98	4.35	ppb
Cobalt	59-2	554.63	536.62	586.58	559.28	4.52	ppb
Copper	63-2	1086.31	1059.25	1159.67	1101.74	4.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				85		%
Iron	56-2	134493.59	131536.46	142291.86	136107.30	4.08	ppb
Iron	57-2	131427.65	127697.32	139133.45	132752.81	4.39	ppb
Krypton	83-1						cps
Lead	206-1	524.52	518.53	521.06	521.37	0.58	ppb
Lead	207-1	529.07	520.95	528.34	526.12	0.85	ppb
Lead	208-1	523.98	519.93	524.62	522.84	0.49	ppb
Lithium	6-1				90		%
Magnesium	24-2	247836.69	240643.57	262336.61	250272.29	4.42	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:54:21	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1070.25	1035.35	1125.56	1077.05	4.22	ppb
Molybdenum	94-1	2563.24	2559.80	2556.08	2559.70	0.14	ppb
Molybdenum	95-1	2583.80	2555.95	2567.46	2569.07	0.54	ppb
Molybdenum	96-1	2559.55	2577.54	2569.06	2568.72	0.35	ppb
Molybdenum	97-1	2577.12	2580.30	2590.85	2582.76	0.28	ppb
Molybdenum	98-1	2568.31	2563.78	2566.19	2566.09	0.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	552.76	537.02	587.08	558.95	4.58	ppb
Phosphorus	31-2	10577.32	9771.95	10284.99	10211.42	3.99	ppb
Potassium	39-2	129262.74	124776.96	134484.42	129508.04	3.75	ppb
Rhodium	103-1				95		%
Rhodium	103-2				87		%
Scandium	45-1				90		%
Scandium	45-2				78		%
Selenium	77-2	481.65	411.78	471.26	454.90	8.29	ppb
Selenium	78-2	481.67	518.89	532.76	511.11	5.17	ppb
Selenium	82-1	493.86	489.24	490.23	491.11	0.50	ppb
Silicon	28-1	510.98	520.51	527.68	519.72	1.61	ppb
Silver	109-1	487.83	479.85	475.54	481.07	1.30	ppb
Silver	107-1	478.62	477.33	481.65	479.20	0.46	ppb
Sodium	23-2	253840.60	249424.98	269283.79	257516.46	4.05	ppb
Strontium	86-1	498.12	494.04	497.37	496.51	0.44	ppb
Strontium	88-1	511.42	505.79	510.22	509.14	0.58	ppb
Sulfur	34-1	7859.05	7930.43	7711.67	7833.72	1.42	ppb
Terbium	159-1				112		%
Terbium	159-2				96		%
Thallium	203-1	516.34	521.54	519.75	519.21	0.51	ppb
Thallium	205-1	520.35	516.56	520.21	519.04	0.41	ppb
Tin	118-1	495.23	493.47	497.96	495.55	0.46	ppb
Titanium	47-1	2594.20	2625.09	2581.20	2600.16	0.87	ppb
Uranium	238-1	539.87	539.08	543.17	540.71	0.40	ppb
Vanadium	51-2	542.90	532.78	579.53	551.74	4.46	ppb
Yttrium	89-1				98		%
Yttrium	89-2				85		%
Zinc	66-2	1072.42	1044.05	1130.97	1082.48	4.09	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:54:21	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	510.16	509.52	510.00	509.89	0.07	ppb
Zirconium	91-1	501.76	497.10	500.94	499.93	0.50	ppb

LB Number : LB98004 Operator : Jaswal
 Lab Sample ID : CCB41 Instrumnet Name : P8
 Client Sample ID : CCB41 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-17 18:57:33 DataFile Name : 042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.26	0.33	2.86	0.98	169.49	ppb
Antimony	121-1	1.13	0.92	0.93	1.00	12.13	ppb
Arsenic	75-2	0.03	0.03	-0.04	0.01	605.31	ppb
Barium	135-1	0.03	0.05	0.01	0.03	61.67	ppb
Barium	137-1	0.09	0.04	0.05	0.06	45.66	ppb
Beryllium	9-1	0.25	0.37	0.26	0.29	21.88	ppb
Bismuth	209-1				113		%
Bismuth	209-2				96		%
Boron	10-1	24.44	18.00	21.62	21.36	15.12	ppb
Boron	11-1	23.39	21.69	19.63	21.57	8.72	ppb
Cadmium	111-1	0.02	-0.06	-0.08	-0.04		ppb
Cadmium	106-1	-0.63	-1.80	-1.54	-1.33		ppb
Cadmium	108-1	0.21	0.10	0.28	0.19	44.58	ppb
Calcium	43-1	4.98	-4.02	5.64	2.20	245.65	ppb
Calcium	44-1	25.95	22.33	16.81	21.69	21.21	ppb
Chromium	52-2	0.25	0.14	0.08	0.16	54.20	ppb
Cobalt	59-2	-0.01	0.00	-0.02	-0.01		ppb
Copper	63-2	0.29	0.47	0.48	0.42	25.45	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				95		%
Indium	115-1				100		%
Indium	115-2				88		%
Iron	56-2	5.58	3.83	4.03	4.48	21.31	ppb
Iron	57-2	2.47	4.27	3.43	3.39	26.55	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00		ppb
Lead	207-1	-0.01	-0.01	-0.02	-0.01		ppb
Lead	208-1	0.00	0.00	0.00	0.00		ppb
Lithium	6-1				94		%
Magnesium	24-2	8.70	9.38	2.95	7.01	50.43	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P8
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:57:33	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.22	0.05	0.05	0.11	93.21	ppb
Molybdenum	94-1	0.98	0.78	0.77	0.84	13.61	ppb
Molybdenum	95-1	1.02	0.88	0.66	0.85	21.49	ppb
Molybdenum	96-1	0.92	0.84	0.88	0.88	4.84	ppb
Molybdenum	97-1	1.03	0.75	0.74	0.84	19.38	ppb
Molybdenum	98-1	1.08	0.94	0.77	0.93	16.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.97	-2.49	-2.25	-2.24		ppb
Phosphorus	31-2	15.93	42.95	66.81	41.89	60.76	ppb
Potassium	39-2	-1.83	27.60	-21.42	1.45	1699.93	ppb
Rhodium	103-1				99		%
Rhodium	103-2				92		%
Scandium	45-1				90		%
Scandium	45-2				79		%
Selenium	77-2	11.72	0.00	0.00	3.91	173.21	ppb
Selenium	78-2	0.12	-0.83	0.14	-0.19		ppb
Selenium	82-1	0.28	0.48	0.54	0.43	31.91	ppb
Silicon	28-1	-10.81	-11.62	-12.58	-11.67		ppb
Silver	109-1	0.08	0.06	0.07	0.07	14.66	ppb
Silver	107-1	0.07	0.06	0.06	0.06	2.28	ppb
Sodium	23-2	5.34	11.95	3.35	6.88	65.50	ppb
Strontium	86-1	-0.04	0.01	-0.01	-0.01		ppb
Strontium	88-1	0.02	0.01	0.02	0.02	32.16	ppb
Sulfur	34-1	-2315.21	-2418.30	-2315.95	-2349.82		ppb
Terbium	159-1				110		%
Terbium	159-2				94		%
Thallium	203-1	0.08	0.10	0.07	0.09	18.77	ppb
Thallium	205-1	0.08	0.06	0.07	0.07	13.92	ppb
Tin	118-1	0.33	0.28	0.22	0.27	20.57	ppb
Titanium	47-1	0.11	0.15	0.10	0.12	21.77	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	54.67	ppb
Vanadium	51-2	-0.01	0.00	0.04	0.01	220.49	ppb
Yttrium	89-1				97		%
Yttrium	89-2				86		%
Zinc	66-2	1.50	1.84	1.55	1.63	11.08	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P8
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:57:33	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.14	0.16	0.12	0.14	13.05	ppb
Zirconium	91-1	0.25	0.11	0.11	0.16	50.72	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-16	Instrumnet Name :	P8
Client Sample ID :	S13-0244	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 19:00:56	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45.87	39.56	45.98	43.81	8.39	ppb
Antimony	121-1	3.35	2.63	2.42	2.80	17.41	ppb
Arsenic	75-2	30.72	31.49	27.89	30.03	6.31	ppb
Barium	135-1	23.06	23.10	22.23	22.80	2.17	ppb
Barium	137-1	23.00	23.01	22.87	22.96	0.35	ppb
Beryllium	9-1	0.20	0.20	0.16	0.18	11.96	ppb
Bismuth	209-1				107		%
Bismuth	209-2				84		%
Boron	10-1	27.27	26.81	28.80	27.63	3.78	ppb
Boron	11-1	27.24	26.58	25.48	26.43	3.36	ppb
Cadmium	111-1	0.04	-0.08	-0.04	-0.02		ppb
Cadmium	106-1	-0.48	-2.07	-1.09	-1.22		ppb
Cadmium	108-1	0.42	0.34	0.15	0.30	46.01	ppb
Calcium	43-1	84041.83	86517.60	85506.04	85355.16	1.46	ppb
Calcium	44-1	85489.42	87032.03	85871.53	86130.99	0.93	ppb
Chromium	52-2	3.35	3.18	2.93	3.15	6.68	ppb
Cobalt	59-2	4.31	4.43	4.50	4.41	2.23	ppb
Copper	63-2	5.35	5.49	5.24	5.36	2.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				85		%
Indium	115-1				90		%
Indium	115-2				73		%
Iron	56-2	30136.00	31188.66	30063.77	30462.81	2.07	ppb
Iron	57-2	29388.53	30536.11	29447.37	29790.67	2.17	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.17	0.15	0.16	4.49	ppb
Lead	207-1	0.14	0.17	0.13	0.15	15.45	ppb
Lead	208-1	0.16	0.18	0.15	0.16	6.94	ppb
Lithium	6-1				101		%
Magnesium	24-2	15154.69	15613.94	14998.49	15255.71	2.10	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-16	Instrumnet Name :	P8
Client Sample ID :	S13-0244	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 19:00:56	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2573.15	2656.18	2553.07	2594.13	2.11	ppb
Molybdenum	94-1	4.36	4.26	3.71	4.11	8.46	ppb
Molybdenum	95-1	0.83	0.80	0.75	0.79	5.18	ppb
Molybdenum	96-1	1.35	1.22	1.08	1.21	11.35	ppb
Molybdenum	97-1	0.87	0.81	0.79	0.83	5.21	ppb
Molybdenum	98-1	0.85	0.81	0.82	0.83	2.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.66	4.16	4.20	4.01	7.56	ppb
Phosphorus	31-2	211.70	318.44	148.63	226.26	37.94	ppb
Potassium	39-2	3343.50	3491.78	3420.70	3418.66	2.17	ppb
Rhodium	103-1				86		%
Rhodium	103-2				78		%
Scandium	45-1				77		%
Scandium	45-2				64		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.31	-0.83	0.34	-0.06		ppb
Selenium	82-1	0.86	1.04	0.25	0.72	57.68	ppb
Silicon	28-1	11277.10	11551.71	11366.14	11398.32	1.23	ppb
Silver	109-1	0.17	0.15	0.14	0.15	11.46	ppb
Silver	107-1	0.19	0.17	0.13	0.16	18.68	ppb
Sodium	23-2	241170.77	252261.06	242369.93	245267.25	2.48	ppb
Strontium	86-1	470.58	471.71	467.61	469.97	0.45	ppb
Strontium	88-1	480.51	487.76	479.61	482.63	0.93	ppb
Sulfur	34-1	-1683.15	-1717.76	-2014.64	-1805.19		ppb
Terbium	159-1				102		%
Terbium	159-2				85		%
Thallium	203-1	0.12	0.08	0.07	0.09	24.42	ppb
Thallium	205-1	0.12	0.09	0.08	0.10	18.54	ppb
Tin	118-1	2.70	2.63	2.43	2.59	5.33	ppb
Titanium	47-1	2.21	2.74	2.75	2.57	12.08	ppb
Uranium	238-1	0.37	0.39	0.40	0.39	3.20	ppb
Vanadium	51-2	5.70	5.74	5.68	5.71	0.51	ppb
Yttrium	89-1				86		%
Yttrium	89-2				71		%
Zinc	66-2	13.84	15.41	15.87	15.04	7.07	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-16	Instrumnet Name :	P8
Client Sample ID :	S13-0244	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 19:00:56	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.61	2.44	2.10	2.38	10.80	ppb
Zirconium	91-1	2.63	2.44	2.19	2.42	9.14	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-17	Instrumnet Name :	P8
Client Sample ID :	S13-0261	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 19:04:17	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.48	18.49	14.34	17.10	14.01	ppb
Antimony	121-1	2.02	2.19	2.15	2.12	4.06	ppb
Arsenic	75-2	1.65	1.85	2.06	1.85	10.90	ppb
Barium	135-1	5.47	5.47	5.19	5.38	2.97	ppb
Barium	137-1	5.60	5.21	5.52	5.44	3.79	ppb
Beryllium	9-1	0.20	0.20	0.22	0.21	5.86	ppb
Bismuth	209-1				109		%
Bismuth	209-2				86		%
Boron	10-1	43.51	48.03	47.02	46.19	5.14	ppb
Boron	11-1	40.17	40.64	42.97	41.26	3.62	ppb
Cadmium	111-1	0.01	-0.14	-0.04	-0.06		ppb
Cadmium	106-1	-1.15	-3.26	-2.00	-2.14		ppb
Cadmium	108-1	0.26	0.22	0.07	0.19	53.73	ppb
Calcium	43-1	24666.56	25016.63	24551.52	24744.90	0.98	ppb
Calcium	44-1	25171.96	25134.36	24884.14	25063.49	0.62	ppb
Chromium	52-2	0.94	0.86	0.84	0.88	5.65	ppb
Cobalt	59-2	0.08	0.07	0.06	0.07	17.82	ppb
Copper	63-2	7.26	7.15	7.35	7.25	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				85		%
Indium	115-1				92		%
Indium	115-2				74		%
Iron	56-2	248.73	246.46	245.77	246.99	0.63	ppb
Iron	57-2	232.11	256.54	242.79	243.82	5.02	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.21	0.18	0.19	9.28	ppb
Lead	207-1	0.15	0.17	0.18	0.17	9.48	ppb
Lead	208-1	0.18	0.19	0.18	0.18	1.47	ppb
Lithium	6-1				98		%
Magnesium	24-2	6110.17	6067.38	6052.98	6076.84	0.49	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-17	Instrumnet Name :	P8
Client Sample ID :	S13-0261	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 19:04:17	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	80.38	80.43	77.81	79.54	1.89	ppb
Molybdenum	94-1	0.72	0.62	0.61	0.65	9.21	ppb
Molybdenum	95-1	0.17	0.20	0.17	0.18	9.98	ppb
Molybdenum	96-1	0.26	0.25	0.20	0.24	13.34	ppb
Molybdenum	97-1	0.28	0.16	0.16	0.20	36.15	ppb
Molybdenum	98-1	0.22	0.24	0.22	0.23	5.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.70	3.76	3.92	4.13	12.14	ppb
Phosphorus	31-2	-10.29	22.33	54.49	22.18	146.04	ppb
Potassium	39-2	2145.11	2056.10	2102.21	2101.14	2.12	ppb
Rhodium	103-1				87		%
Rhodium	103-2				80		%
Scandium	45-1				75		%
Scandium	45-2				63		%
Selenium	77-2	0.00	7.18	0.00	2.39	173.21	ppb
Selenium	78-2	0.34	-0.83	0.35	-0.05		ppb
Selenium	82-1	0.94	0.58	-0.04	0.49	100.74	ppb
Silicon	28-1	6328.82	6324.85	6195.71	6283.13	1.21	ppb
Silver	109-1	0.11	0.11	0.12	0.12	4.51	ppb
Silver	107-1	0.09	0.12	0.11	0.11	13.29	ppb
Sodium	23-2	8056.65	8051.29	7971.38	8026.44	0.60	ppb
Strontium	86-1	205.83	203.86	205.45	205.05	0.51	ppb
Strontium	88-1	214.20	214.47	214.74	214.47	0.12	ppb
Sulfur	34-1	9925.98	9789.11	9232.32	9649.14	3.81	ppb
Terbium	159-1				103		%
Terbium	159-2				84		%
Thallium	203-1	0.04	0.07	0.05	0.05	29.23	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	11.14	ppb
Tin	118-1	2.18	2.25	2.19	2.20	1.79	ppb
Titanium	47-1	1.10	1.04	1.30	1.15	11.87	ppb
Uranium	238-1	5.39	5.49	5.34	5.41	1.41	ppb
Vanadium	51-2	0.19	0.25	0.14	0.19	27.90	ppb
Yttrium	89-1				86		%
Yttrium	89-2				71		%
Zinc	66-2	43.24	43.09	44.87	43.73	2.25	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-17	Instrumnet Name :	P8
Client Sample ID :	S13-0261	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 19:04:17	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.36	0.31	0.33	0.33	7.12	ppb
Zirconium	91-1	0.36	0.35	0.28	0.33	13.39	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-01DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0256DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:07:39	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.59	4.95	2.73	4.76	40.70	ppb
Antimony	121-1	0.51	0.51	0.49	0.50	2.01	ppb
Arsenic	75-2	11.98	12.37	11.62	11.99	3.13	ppb
Barium	135-1	3.19	3.22	3.28	3.23	1.38	ppb
Barium	137-1	3.00	3.29	3.25	3.18	4.91	ppb
Beryllium	9-1	0.16	0.13	0.03	0.11	64.70	ppb
Bismuth	209-1				113		%
Bismuth	209-2				98		%
Boron	10-1	27.43	27.40	25.42	26.75	4.30	ppb
Boron	11-1	26.54	25.79	28.83	27.05	5.86	ppb
Cadmium	111-1	-0.08	-0.12	-0.02	-0.08		ppb
Cadmium	106-1	-1.20	-1.67	-0.31	-1.06		ppb
Cadmium	108-1	0.03	0.03	-0.04	0.01	476.47	ppb
Calcium	43-1	3353.51	3445.62	3630.94	3476.69	4.06	ppb
Calcium	44-1	3368.55	3406.24	3591.68	3455.49	3.46	ppb
Chromium	52-2	0.16	0.30	0.36	0.27	38.29	ppb
Cobalt	59-2	2.77	2.81	2.79	2.79	0.64	ppb
Copper	63-2	1.47	1.44	1.46	1.46	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				94		%
Indium	115-1				97		%
Indium	115-2				85		%
Iron	56-2	10939.98	10979.89	11069.58	10996.48	0.60	ppb
Iron	57-2	10612.75	10635.45	10772.16	10673.46	0.81	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.02	0.00	0.01	159.08	ppb
Lead	207-1	0.01	0.01	0.01	0.01	35.15	ppb
Lead	208-1	0.01	0.02	0.02	0.01	32.94	ppb
Lithium	6-1				89		%
Magnesium	24-2	1106.56	1119.00	1131.66	1119.08	1.12	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-01DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0256DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:07:39	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	817.31	817.45	821.81	818.85	0.31	ppb
Molybdenum	94-1	0.16	0.18	0.20	0.18	13.19	ppb
Molybdenum	95-1	0.15	0.16	0.18	0.17	9.78	ppb
Molybdenum	96-1	0.18	0.23	0.28	0.23	21.78	ppb
Molybdenum	97-1	0.16	0.17	0.27	0.20	30.76	ppb
Molybdenum	98-1	0.17	0.19	0.21	0.19	11.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.19	-1.43	-1.58	-1.40		ppb
Phosphorus	31-2	-10.29	-10.29	-10.29	-10.29		ppb
Potassium	39-2	424.31	385.14	381.61	397.02	5.97	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				83		%
Scandium	45-2				75		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.83	-0.83	2.21	0.18	970.67	ppb
Selenium	82-1	0.64	0.21	0.64	0.50	49.54	ppb
Silicon	28-1	2235.74	2256.58	2382.84	2291.72	3.47	ppb
Silver	109-1	0.04	0.05	0.05	0.04	19.78	ppb
Silver	107-1	0.04	0.04	0.04	0.04	11.79	ppb
Sodium	23-2	1588.92	1554.99	1591.26	1578.39	1.29	ppb
Strontium	86-1	34.99	34.52	36.84	35.45	3.46	ppb
Strontium	88-1	35.55	35.41	37.49	36.15	3.21	ppb
Sulfur	34-1	-2738.76	-2620.31	-2040.29	-2466.45		ppb
Terbium	159-1				107		%
Terbium	159-2				93		%
Thallium	203-1	0.01	0.00	0.00	0.00	175.01	ppb
Thallium	205-1	0.00	0.00	0.01	0.01	63.58	ppb
Tin	118-1	0.46	0.50	0.46	0.47	4.73	ppb
Titanium	47-1	0.23	0.13	0.17	0.17	28.15	ppb
Uranium	238-1	0.03	0.03	0.04	0.03	9.30	ppb
Vanadium	51-2	0.09	0.12	0.11	0.11	12.28	ppb
Yttrium	89-1				93		%
Yttrium	89-2				82		%
Zinc	66-2	4.27	4.03	4.61	4.30	6.80	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-01DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0256DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:07:39	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.03	0.02	0.02	52.11	ppb
Zirconium	91-1	0.03	0.04	0.02	0.03	23.01	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:11:00	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.69	9.92	4.18	7.60	39.81	ppb
Antimony	121-1	0.41	0.42	0.43	0.42	2.71	ppb
Arsenic	75-2	0.06	0.15	0.25	0.16	59.80	ppb
Barium	135-1	1.85	1.80	1.78	1.81	1.96	ppb
Barium	137-1	1.88	1.95	1.94	1.92	2.15	ppb
Beryllium	9-1	0.06	0.15	0.10	0.11	44.79	ppb
Bismuth	209-1				112		%
Bismuth	209-2				95		%
Boron	10-1	13.33	13.41	9.51	12.08	18.43	ppb
Boron	11-1	12.10	11.91	12.03	12.01	0.78	ppb
Cadmium	111-1	-0.10	-0.18	-0.16	-0.15		ppb
Cadmium	106-1	-1.36	-2.51	-2.22	-2.03		ppb
Cadmium	108-1	0.11	0.07	0.00	0.06	97.01	ppb
Calcium	43-1	14847.35	15029.66	14840.85	14905.95	0.72	ppb
Calcium	44-1	15156.73	15246.74	15087.05	15163.51	0.53	ppb
Chromium	52-2	0.63	0.58	0.77	0.66	14.66	ppb
Cobalt	59-2	-0.01	-0.01	0.01	0.00		ppb
Copper	63-2	1.53	1.44	1.25	1.41	10.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				93		%
Indium	115-1				98		%
Indium	115-2				84		%
Iron	56-2	16.03	15.20	15.12	15.45	3.28	ppb
Iron	57-2	14.49	21.32	18.52	18.11	18.95	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.01	0.02	0.02	67.87	ppb
Lead	207-1	0.02	0.01	0.02	0.02	31.28	ppb
Lead	208-1	0.03	0.02	0.03	0.03	21.29	ppb
Lithium	6-1				85		%
Magnesium	24-2	3045.74	2915.20	2950.23	2970.39	2.27	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:11:00	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.30	1.28	1.63	1.41	14.10	ppb
Molybdenum	94-1	0.07	0.05	0.06	0.06	19.13	ppb
Molybdenum	95-1	0.04	0.08	0.03	0.05	49.69	ppb
Molybdenum	96-1	0.05	0.03	0.02	0.03	48.10	ppb
Molybdenum	97-1	0.03	0.06	0.03	0.04	48.66	ppb
Molybdenum	98-1	0.04	0.03	0.06	0.04	37.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.31	-1.45	-1.66	-1.47		ppb
Phosphorus	31-2	-10.29	16.95	-10.29	-1.21		ppb
Potassium	39-2	429.40	425.73	374.27	409.80	7.52	ppb
Rhodium	103-1				95		%
Rhodium	103-2				89		%
Scandium	45-1				85		%
Scandium	45-2				75		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.21	-0.83	-0.83	-0.49		ppb
Selenium	82-1	0.49	0.46	-0.01	0.31	90.46	ppb
Silicon	28-1	1246.12	1221.87	1221.61	1229.87	1.14	ppb
Silver	109-1	0.04	0.03	0.05	0.04	15.84	ppb
Silver	107-1	0.05	0.05	0.04	0.05	17.58	ppb
Sodium	23-2	17535.25	16782.05	16520.57	16945.96	3.11	ppb
Strontium	86-1	113.55	110.15	110.23	111.31	1.74	ppb
Strontium	88-1	117.86	116.74	117.05	117.22	0.49	ppb
Sulfur	34-1	-698.81	-686.46	-853.98	-746.42		ppb
Terbium	159-1				108		%
Terbium	159-2				93		%
Thallium	203-1	0.01	0.00	0.00	0.00	178.30	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	4989.02	ppb
Tin	118-1	0.52	0.55	0.53	0.53	2.65	ppb
Titanium	47-1	0.15	0.06	0.27	0.16	63.58	ppb
Uranium	238-1	0.05	0.04	0.04	0.04	12.74	ppb
Vanadium	51-2	0.05	0.07	0.05	0.06	16.36	ppb
Yttrium	89-1				94		%
Yttrium	89-2				82		%
Zinc	66-2	7.77	7.47	6.07	7.10	12.83	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:11:00	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.01	0.01	96.26	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	56.10	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03DUPDLX25	Instrumnet Name :	P8
Client Sample ID :	S13-0242DUPDL	Dilution Factor :	25
Date & Time Acquired ::	2018-09-17 19:14:22	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.49	4.67	9.69	6.29	46.99	ppb
Antimony	121-1	0.43	0.38	0.45	0.42	8.98	ppb
Arsenic	75-2	0.08	0.10	0.03	0.07	52.27	ppb
Barium	135-1	1.91	1.84	1.89	1.88	1.87	ppb
Barium	137-1	1.78	1.94	1.85	1.86	4.32	ppb
Beryllium	9-1	0.16	0.09	0.04	0.10	58.57	ppb
Bismuth	209-1				110		%
Bismuth	209-2				97		%
Boron	10-1	11.39	13.05	10.77	11.74	10.07	ppb
Boron	11-1	11.60	9.81	10.76	10.72	8.33	ppb
Cadmium	111-1	-0.10	-0.18	-0.17	-0.15		ppb
Cadmium	106-1	-1.39	-2.55	-2.27	-2.07		ppb
Cadmium	108-1	0.04	0.03	0.03	0.03	3.41	ppb
Calcium	43-1	15158.82	14675.34	14596.63	14810.26	2.06	ppb
Calcium	44-1	15481.53	14834.78	14945.95	15087.42	2.29	ppb
Chromium	52-2	0.82	0.60	0.45	0.62	30.08	ppb
Cobalt	59-2	0.00	0.02	0.01	0.01	126.60	ppb
Copper	63-2	1.24	1.30	1.18	1.24	4.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				87		%
Iron	56-2	15.24	13.84	12.57	13.88	9.63	ppb
Iron	57-2	11.76	17.24	14.90	14.63	18.78	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.03	0.02	0.02	49.65	ppb
Lead	207-1	0.02	0.03	0.02	0.02	13.63	ppb
Lead	208-1	0.03	0.03	0.02	0.03	15.99	ppb
Lithium	6-1				83		%
Magnesium	24-2	2848.62	2817.66	2775.73	2814.00	1.30	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03DUPDLX25	Instrumnet Name :	P8
Client Sample ID :	S13-0242DUPDL	Dilution Factor :	25
Date & Time Acquired ::	2018-09-17 19:14:22	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.22	1.52	1.19	1.31	14.06	ppb
Molybdenum	94-1	0.06	0.03	0.04	0.05	35.56	ppb
Molybdenum	95-1	0.03	0.01	0.01	0.02	76.45	ppb
Molybdenum	96-1	0.03	0.00	0.01	0.01	107.42	ppb
Molybdenum	97-1	-0.01	0.07	0.04	0.03	117.40	ppb
Molybdenum	98-1	0.01	0.05	0.05	0.04	56.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.94	-1.53	-1.65	-1.71		ppb
Phosphorus	31-2	-10.29	16.21	-10.29	-1.45		ppb
Potassium	39-2	360.36	390.29	364.04	371.56	4.39	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				84		%
Scandium	45-2				79		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.15	0.16	1.12	0.48	117.28	ppb
Selenium	82-1	-0.69	-0.50	0.12	-0.36		ppb
Silicon	28-1	1263.60	1199.46	1218.82	1227.30	2.68	ppb
Silver	109-1	0.04	0.04	0.04	0.04	9.42	ppb
Silver	107-1	0.05	0.03	0.04	0.04	25.58	ppb
Sodium	23-2	16076.06	16247.51	15766.21	16029.93	1.52	ppb
Strontium	86-1	110.77	110.18	110.80	110.59	0.32	ppb
Strontium	88-1	117.31	116.32	115.72	116.45	0.69	ppb
Sulfur	34-1	-104.72	-617.37	-433.80	-385.30		ppb
Terbium	159-1				106		%
Terbium	159-2				94		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.58	0.44	0.53	0.52	14.27	ppb
Titanium	47-1	0.16	0.03	0.27	0.15	75.31	ppb
Uranium	238-1	0.04	0.04	0.05	0.04	7.18	ppb
Vanadium	51-2	0.03	0.05	0.06	0.05	32.02	ppb
Yttrium	89-1				94		%
Yttrium	89-2				85		%
Zinc	66-2	5.50	5.65	5.12	5.42	5.03	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03DUPDLX25	Instrumnet Name :	P8
Client Sample ID :	S13-0242DUPDL	Dilution Factor :	25
Date & Time Acquired ::	2018-09-17 19:14:22	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.02	0.02	10.56	ppb
Zirconium	91-1	0.03	-0.01	0.04	0.02	124.31	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03LDLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242LDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:17:43	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	3.35	0.60	1.34	131.51	ppb
Antimony	121-1	0.07	0.08	0.06	0.07	14.02	ppb
Arsenic	75-2	-0.02	-0.02	-0.04	-0.03		ppb
Barium	135-1	0.34	0.35	0.38	0.35	5.79	ppb
Barium	137-1	0.43	0.37	0.34	0.38	11.87	ppb
Beryllium	9-1	0.11	0.09	0.07	0.09	18.29	ppb
Bismuth	209-1				110		%
Bismuth	209-2				98		%
Boron	10-1	7.63	6.19	7.04	6.95	10.38	ppb
Boron	11-1	7.37	6.98	7.17	7.17	2.73	ppb
Cadmium	111-1	-0.08	-0.10	-0.13	-0.10		ppb
Cadmium	106-1	-1.06	-1.33	-1.81	-1.40		ppb
Cadmium	108-1	0.00	0.03	0.03	0.02	98.14	ppb
Calcium	43-1	2901.57	2864.07	2969.41	2911.68	1.83	ppb
Calcium	44-1	2926.39	2954.25	3048.38	2976.34	2.15	ppb
Chromium	52-2	0.11	0.37	0.17	0.22	62.61	ppb
Cobalt	59-2	0.00	-0.02	-0.01	-0.01		ppb
Copper	63-2	0.38	0.51	0.47	0.45	15.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				90		%
Iron	56-2	3.30	3.86	3.23	3.46	9.91	ppb
Iron	57-2	5.16	2.30	4.19	3.88	37.38	ppb
Krypton	83-1						cps
Lead	206-1	-0.02	-0.02	-0.01	-0.02		ppb
Lead	207-1	-0.02	-0.01	-0.01	-0.02		ppb
Lead	208-1	-0.01	-0.01	-0.01	-0.01		ppb
Lithium	6-1				82		%
Magnesium	24-2	569.10	586.52	588.92	581.51	1.86	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03LDLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242LDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:17:43	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.26	0.54	0.36	0.38	36.88	ppb
Molybdenum	94-1	0.02	0.03	0.03	0.03	16.35	ppb
Molybdenum	95-1	0.00	-0.02	-0.01	-0.01		ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	173.43	ppb
Molybdenum	97-1	0.00	-0.04	-0.02	-0.02		ppb
Molybdenum	98-1	0.00	0.02	0.00	0.00	354.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.98	-2.01	-1.72	-1.90		ppb
Phosphorus	31-2	-10.29	15.26	14.41	6.46	224.63	ppb
Potassium	39-2	77.08	65.81	37.51	60.13	33.90	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				89		%
Scandium	45-2				83		%
Selenium	77-2	5.69	0.00	0.00	1.90	173.21	ppb
Selenium	78-2	1.03	-0.83	-0.83	-0.21		ppb
Selenium	82-1	-0.06	0.85	0.16	0.32	148.61	ppb
Silicon	28-1	250.38	254.44	261.58	255.47	2.22	ppb
Silver	109-1	0.03	0.04	0.03	0.03	10.08	ppb
Silver	107-1	0.03	0.02	0.04	0.03	35.91	ppb
Sodium	23-2	3183.62	3338.34	3206.45	3242.81	2.58	ppb
Strontium	86-1	21.18	22.29	21.59	21.69	2.59	ppb
Strontium	88-1	22.35	22.41	22.53	22.43	0.40	ppb
Sulfur	34-1	-1930.55	-1797.60	-1359.20	-1695.78		ppb
Terbium	159-1				108		%
Terbium	159-2				96		%
Thallium	203-1	0.00	0.01	0.00	0.00	101.86	ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	0.11	0.09	0.10	0.10	13.19	ppb
Titanium	47-1	-0.05	0.01	-0.06	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	965.10	ppb
Vanadium	51-2	0.05	0.01	0.04	0.03	68.56	ppb
Yttrium	89-1				97		%
Yttrium	89-2				88		%
Zinc	66-2	1.81	2.31	2.42	2.18	14.98	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03LDLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242LDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:17:43	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.01	0.00	354.97	ppb
Zirconium	91-1	-0.03	-0.01	0.02	-0.01		ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-04DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242MSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:21:06	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1786.77	1755.97	1776.07	1772.94	0.88	ppb
Antimony	121-1	95.25	96.64	94.60	95.50	1.09	ppb
Arsenic	75-2	98.04	95.50	97.71	97.09	1.43	ppb
Barium	135-1	464.02	466.58	468.05	466.22	0.44	ppb
Barium	137-1	474.36	475.18	472.23	473.93	0.32	ppb
Beryllium	9-1	103.60	106.34	104.99	104.98	1.31	ppb
Bismuth	209-1				110		%
Bismuth	209-2				98		%
Boron	10-1	100.73	113.83	110.71	108.42	6.31	ppb
Boron	11-1	100.16	106.85	104.93	103.98	3.31	ppb
Cadmium	111-1	92.94	93.29	93.80	93.34	0.46	ppb
Cadmium	106-1	87.84	89.39	90.64	89.29	1.57	ppb
Cadmium	108-1	91.99	92.99	93.63	92.87	0.89	ppb
Calcium	43-1	23025.21	23203.07	22979.54	23069.27	0.51	ppb
Calcium	44-1	23386.14	23487.88	22952.22	23275.41	1.22	ppb
Chromium	52-2	101.74	101.98	101.13	101.62	0.44	ppb
Cobalt	59-2	106.04	105.74	103.71	105.16	1.21	ppb
Copper	63-2	212.46	214.46	211.86	212.93	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				88		%
Iron	56-2	5216.49	5265.37	5154.89	5212.25	1.06	ppb
Iron	57-2	5048.45	5007.57	5078.73	5044.92	0.71	ppb
Krypton	83-1						cps
Lead	206-1	96.46	96.98	95.57	96.34	0.74	ppb
Lead	207-1	92.53	93.55	91.61	92.56	1.05	ppb
Lead	208-1	94.98	95.39	94.10	94.82	0.69	ppb
Lithium	6-1				84		%
Magnesium	24-2	12379.31	12409.20	12304.97	12364.49	0.43	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-04DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242MSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:21:06	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	196.06	195.07	192.27	194.46	1.01	ppb
Molybdenum	94-1	471.66	477.59	471.13	473.46	0.76	ppb
Molybdenum	95-1	481.82	482.98	486.43	483.74	0.50	ppb
Molybdenum	96-1	483.61	489.60	480.92	484.71	0.92	ppb
Molybdenum	97-1	467.35	477.37	468.99	471.24	1.14	ppb
Molybdenum	98-1	482.02	498.05	490.49	490.18	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.84	106.64	103.53	105.01	1.49	ppb
Phosphorus	31-2	-10.29	15.36	14.94	6.67	220.16	ppb
Potassium	39-2	4982.03	5125.02	4999.46	5035.51	1.55	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				88		%
Scandium	45-2				81		%
Selenium	77-2	99.24	77.05	124.77	100.35	23.80	ppb
Selenium	78-2	104.98	93.06	93.28	97.11	7.02	ppb
Selenium	82-1	94.34	97.97	96.95	96.42	1.94	ppb
Silicon	28-1	1239.43	1311.30	1240.46	1263.73	3.26	ppb
Silver	109-1	88.93	89.56	89.19	89.23	0.35	ppb
Silver	107-1	89.20	88.64	89.59	89.14	0.53	ppb
Sodium	23-2	25629.41	26265.16	25782.54	25892.37	1.28	ppb
Strontium	86-1	199.93	202.85	198.32	200.37	1.15	ppb
Strontium	88-1	206.47	208.13	206.59	207.06	0.45	ppb
Sulfur	34-1	-735.39	-569.90	-925.77	-743.69		ppb
Terbium	159-1				108		%
Terbium	159-2				95		%
Thallium	203-1	95.40	94.60	95.07	95.02	0.42	ppb
Thallium	205-1	97.08	96.62	96.09	96.59	0.51	ppb
Tin	118-1	91.48	92.17	90.97	91.54	0.66	ppb
Titanium	47-1	472.16	474.51	468.93	471.87	0.59	ppb
Uranium	238-1	102.87	102.56	103.34	102.92	0.38	ppb
Vanadium	51-2	100.41	100.41	100.43	100.42	0.01	ppb
Yttrium	89-1				97		%
Yttrium	89-2				86		%
Zinc	66-2	204.62	204.60	204.30	204.51	0.09	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-04DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242MSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:21:06	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	93.47	95.04	94.51	94.34	0.85	ppb
Zirconium	91-1	93.74	95.71	93.90	94.45	1.16	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-05DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:24:25	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1916.01	1926.52	1914.80	1919.11	0.34	ppb
Antimony	121-1	106.11	105.30	103.59	105.00	1.23	ppb
Arsenic	75-2	107.41	104.84	107.51	106.59	1.42	ppb
Barium	135-1	511.85	509.00	507.18	509.34	0.46	ppb
Barium	137-1	529.79	518.64	512.84	520.42	1.66	ppb
Beryllium	9-1	115.52	115.56	113.56	114.88	1.00	ppb
Bismuth	209-1				113		%
Bismuth	209-2				99		%
Boron	10-1	117.08	117.96	123.36	119.46	2.85	ppb
Boron	11-1	112.72	118.13	118.32	116.39	2.73	ppb
Cadmium	111-1	102.46	102.97	100.96	102.13	1.02	ppb
Cadmium	106-1	103.26	106.65	98.61	102.84	3.93	ppb
Cadmium	108-1	103.70	99.13	98.35	100.39	2.88	ppb
Calcium	43-1	25234.85	25579.94	25736.01	25516.93	1.01	ppb
Calcium	44-1	25483.15	25718.95	25787.19	25663.09	0.62	ppb
Chromium	52-2	110.73	110.12	112.35	111.06	1.04	ppb
Cobalt	59-2	116.10	114.26	115.95	115.44	0.89	ppb
Copper	63-2	233.83	233.47	235.98	234.43	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				88		%
Iron	56-2	5774.72	5662.64	5747.55	5728.30	1.02	ppb
Iron	57-2	5574.31	5418.97	5546.90	5513.39	1.50	ppb
Krypton	83-1						cps
Lead	206-1	104.81	105.66	105.55	105.34	0.44	ppb
Lead	207-1	100.21	101.89	101.34	101.15	0.85	ppb
Lead	208-1	102.76	104.17	103.60	103.51	0.69	ppb
Lithium	6-1				86		%
Magnesium	24-2	13389.77	13247.06	13539.79	13392.21	1.09	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-05DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:24:25	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	212.55	216.15	216.12	214.94	0.96	ppb
Molybdenum	94-1	523.39	528.48	527.96	526.61	0.53	ppb
Molybdenum	95-1	535.18	541.85	539.32	538.78	0.63	ppb
Molybdenum	96-1	535.21	546.30	540.81	540.77	1.03	ppb
Molybdenum	97-1	517.39	521.54	523.80	520.91	0.62	ppb
Molybdenum	98-1	534.03	543.11	537.01	538.05	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.19	114.07	116.34	115.20	0.99	ppb
Phosphorus	31-2	14.84	-10.29	-10.29	-1.91		ppb
Potassium	39-2	5460.74	5554.83	5503.26	5506.27	0.86	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				89		%
Scandium	45-2				81		%
Selenium	77-2	81.15	97.98	126.13	101.75	22.33	ppb
Selenium	78-2	81.52	102.69	101.18	95.13	12.42	ppb
Selenium	82-1	104.05	104.67	106.15	104.96	1.03	ppb
Silicon	28-1	1350.65	1364.19	1379.59	1364.81	1.06	ppb
Silver	109-1	98.61	98.66	96.88	98.05	1.03	ppb
Silver	107-1	98.06	98.48	96.33	97.62	1.16	ppb
Sodium	23-2	27961.06	27985.06	28793.05	28246.39	1.68	ppb
Strontium	86-1	219.54	221.14	222.19	220.95	0.60	ppb
Strontium	88-1	225.85	230.87	228.55	228.42	1.10	ppb
Sulfur	34-1	-1208.44	-970.01	-883.29	-1020.58		ppb
Terbium	159-1				111		%
Terbium	159-2				97		%
Thallium	203-1	104.59	104.83	105.11	104.84	0.25	ppb
Thallium	205-1	107.01	107.97	109.22	108.07	1.03	ppb
Tin	118-1	101.62	100.56	99.17	100.45	1.22	ppb
Titanium	47-1	517.42	515.65	523.68	518.92	0.81	ppb
Uranium	238-1	111.46	113.48	112.43	112.46	0.90	ppb
Vanadium	51-2	110.04	109.57	109.81	109.81	0.22	ppb
Yttrium	89-1				98		%
Yttrium	89-2				87		%
Zinc	66-2	229.96	230.22	231.75	230.64	0.42	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-05DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:24:25	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	103.19	104.24	103.90	103.77	0.52	ppb
Zirconium	91-1	103.38	104.01	104.09	103.83	0.37	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03ADLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:27:45	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1846.68	1808.85	2169.25	1941.59	10.20	ppb
Antimony	121-1	99.59	103.51	101.24	101.45	1.94	ppb
Arsenic	75-2	101.60	98.17	116.59	105.45	9.29	ppb
Barium	135-1	485.40	507.39	495.92	496.24	2.22	ppb
Barium	137-1	490.67	512.17	498.54	500.46	2.17	ppb
Beryllium	9-1	109.04	112.70	108.73	110.16	2.01	ppb
Bismuth	209-1				109		%
Bismuth	209-2				93		%
Boron	10-1	114.94	121.02	114.78	116.91	3.04	ppb
Boron	11-1	109.97	120.66	116.69	115.77	4.67	ppb
Cadmium	111-1	97.78	100.99	99.08	99.28	1.63	ppb
Cadmium	106-1	98.51	96.59	92.90	96.00	2.97	ppb
Cadmium	108-1	96.09	101.51	94.79	97.46	3.65	ppb
Calcium	43-1	23653.61	25186.57	25092.10	24644.09	3.49	ppb
Calcium	44-1	23889.44	25132.88	25042.59	24688.30	2.81	ppb
Chromium	52-2	108.15	109.29	124.42	113.95	7.97	ppb
Cobalt	59-2	110.72	111.02	127.31	116.35	8.16	ppb
Copper	63-2	222.78	223.04	257.73	234.52	8.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				93		%
Indium	115-1				97		%
Indium	115-2				85		%
Iron	56-2	5525.22	5492.95	6325.48	5781.22	8.16	ppb
Iron	57-2	5299.00	5288.18	5974.34	5520.50	7.12	ppb
Krypton	83-1						cps
Lead	206-1	99.85	106.61	103.18	103.21	3.27	ppb
Lead	207-1	95.26	102.17	98.56	98.66	3.50	ppb
Lead	208-1	97.74	104.33	100.91	101.00	3.27	ppb
Lithium	6-1				83		%
Magnesium	24-2	12691.05	12907.57	14662.18	13420.27	8.05	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03ADLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:27:45	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	204.73	204.91	234.20	214.61	7.90	ppb
Molybdenum	94-1	491.42	528.00	510.80	510.07	3.59	ppb
Molybdenum	95-1	509.91	546.12	527.23	527.75	3.43	ppb
Molybdenum	96-1	506.39	539.05	523.19	522.88	3.12	ppb
Molybdenum	97-1	487.52	519.59	507.30	504.81	3.21	ppb
Molybdenum	98-1	504.77	542.18	523.31	523.42	3.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	110.89	112.26	127.62	116.92	7.94	ppb
Phosphorus	31-2	-10.29	-10.29	-10.29	-10.29		ppb
Potassium	39-2	5214.30	5281.29	6022.02	5505.87	8.14	ppb
Rhodium	103-1				96		%
Rhodium	103-2				89		%
Scandium	45-1				86		%
Scandium	45-2				76		%
Selenium	77-2	107.43	164.57	101.33	124.44	28.03	ppb
Selenium	78-2	94.68	101.86	118.31	104.95	11.54	ppb
Selenium	82-1	99.07	106.16	101.53	102.25	3.52	ppb
Silicon	28-1	1275.24	1357.24	1344.00	1325.49	3.32	ppb
Silver	109-1	92.26	97.99	94.49	94.92	3.04	ppb
Silver	107-1	92.31	97.22	94.16	94.56	2.62	ppb
Sodium	23-2	26910.35	27449.06	31207.91	28522.44	8.21	ppb
Strontium	86-1	205.42	221.90	212.86	213.39	3.87	ppb
Strontium	88-1	213.97	229.92	222.91	222.27	3.60	ppb
Sulfur	34-1	-1418.68	-682.82	-789.27	-963.59		ppb
Terbium	159-1				108		%
Terbium	159-2				91		%
Thallium	203-1	99.23	104.87	102.36	102.15	2.77	ppb
Thallium	205-1	102.82	106.77	105.75	105.11	1.95	ppb
Tin	118-1	95.20	99.25	96.86	97.10	2.10	ppb
Titanium	47-1	484.61	515.52	510.65	503.59	3.30	ppb
Uranium	238-1	107.38	112.28	110.50	110.06	2.25	ppb
Vanadium	51-2	104.72	105.32	121.16	110.40	8.45	ppb
Yttrium	89-1				95		%
Yttrium	89-2				83		%
Zinc	66-2	216.82	216.94	248.89	227.55	8.12	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03ADLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:27:45	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	97.73	104.12	101.30	101.05	3.17	ppb
Zirconium	91-1	97.11	105.07	101.82	101.33	3.95	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-06DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0252DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:31:04	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.64	4.59	4.57	6.94	58.75	ppb
Antimony	121-1	0.30	0.30	0.29	0.29	1.81	ppb
Arsenic	75-2	3.35	4.27	4.10	3.91	12.60	ppb
Barium	135-1	4.91	5.41	5.33	5.22	5.19	ppb
Barium	137-1	5.13	5.10	5.28	5.17	1.88	ppb
Beryllium	9-1	0.12	0.17	0.10	0.13	26.49	ppb
Bismuth	209-1				112		%
Bismuth	209-2				95		%
Boron	10-1	20.19	20.04	16.98	19.07	9.50	ppb
Boron	11-1	18.72	19.15	18.61	18.83	1.53	ppb
Cadmium	111-1	-0.20	-0.07	-0.07	-0.11		ppb
Cadmium	106-1	-2.86	-1.20	-1.04	-1.70		ppb
Cadmium	108-1	0.14	0.07	0.21	0.14	50.98	ppb
Calcium	43-1	17234.34	17607.61	17319.33	17387.09	1.13	ppb
Calcium	44-1	17489.66	17665.30	17805.71	17653.56	0.90	ppb
Chromium	52-2	0.23	0.09	0.27	0.20	48.87	ppb
Cobalt	59-2	1.65	1.47	1.41	1.51	8.47	ppb
Copper	63-2	0.91	0.87	0.90	0.89	2.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				93		%
Indium	115-1				98		%
Indium	115-2				84		%
Iron	56-2	5610.63	5157.14	5115.19	5294.32	5.19	ppb
Iron	57-2	5233.41	4984.35	4779.68	4999.15	4.55	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.02	0.02	20.74	ppb
Lead	207-1	0.03	0.02	0.03	0.03	22.43	ppb
Lead	208-1	0.02	0.03	0.02	0.03	8.02	ppb
Lithium	6-1				85		%
Magnesium	24-2	6753.57	6275.89	6063.76	6364.41	5.55	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-06DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0252DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:31:04	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2458.94	2252.47	2242.47	2317.96	5.27	ppb
Molybdenum	94-1	0.84	0.81	0.77	0.81	3.96	ppb
Molybdenum	95-1	0.80	0.83	0.78	0.80	3.25	ppb
Molybdenum	96-1	0.88	0.81	0.71	0.80	10.90	ppb
Molybdenum	97-1	0.92	0.75	0.79	0.82	10.94	ppb
Molybdenum	98-1	0.86	0.78	0.74	0.79	7.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.40	1.79	1.91	2.03	16.01	ppb
Phosphorus	31-2	-10.29	15.94	15.87	7.17	210.82	ppb
Potassium	39-2	467.95	439.14	407.43	438.17	6.91	ppb
Rhodium	103-1				96		%
Rhodium	103-2				90		%
Scandium	45-1				87		%
Scandium	45-2				76		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.83	1.14	-0.83	-0.17		ppb
Selenium	82-1	0.17	0.45	-0.24	0.13	266.54	ppb
Silicon	28-1	2051.97	2097.54	2051.56	2067.02	1.28	ppb
Silver	109-1	0.04	0.04	0.04	0.04	10.03	ppb
Silver	107-1	0.06	0.05	0.04	0.05	16.88	ppb
Sodium	23-2	8416.54	7777.77	7770.00	7988.10	4.65	ppb
Strontium	86-1	102.65	105.87	102.15	103.56	1.95	ppb
Strontium	88-1	107.80	109.08	107.62	108.17	0.74	ppb
Sulfur	34-1	-2566.92	-2472.27	-2676.28	-2571.82		ppb
Terbium	159-1				108		%
Terbium	159-2				92		%
Thallium	203-1	0.03	0.04	0.02	0.03	25.27	ppb
Thallium	205-1	0.04	0.04	0.03	0.03	19.85	ppb
Tin	118-1	0.39	0.39	0.50	0.43	15.01	ppb
Titanium	47-1	0.13	0.20	0.13	0.15	25.12	ppb
Uranium	238-1	0.05	0.05	0.03	0.04	24.03	ppb
Vanadium	51-2	0.04	0.02	0.06	0.04	40.26	ppb
Yttrium	89-1				95		%
Yttrium	89-2				82		%
Zinc	66-2	1.77	1.93	1.60	1.77	9.48	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-06DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0252DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:31:04	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.17	0.18	0.15	0.17	8.85	ppb
Zirconium	91-1	0.17	0.14	0.12	0.15	17.31	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 19:34:25	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48109.63	48580.77	47633.94	48108.11	0.98	ppb
Antimony	121-1	445.38	448.76	452.39	448.84	0.78	ppb
Arsenic	75-2	484.23	484.09	484.14	484.16	0.01	ppb
Barium	135-1	2383.69	2346.49	2402.93	2377.70	1.21	ppb
Barium	137-1	2350.28	2345.09	2363.60	2352.99	0.41	ppb
Beryllium	9-1	553.62	550.95	548.37	550.98	0.48	ppb
Bismuth	209-1				110		%
Bismuth	209-2				96		%
Boron	10-1	545.66	572.78	577.06	565.17	3.01	ppb
Boron	11-1	536.96	544.49	558.58	546.68	2.01	ppb
Cadmium	111-1	446.50	442.90	448.17	445.86	0.60	ppb
Cadmium	106-1	450.13	441.52	450.94	447.53	1.17	ppb
Cadmium	108-1	453.63	444.74	454.38	450.92	1.19	ppb
Calcium	43-1	222177.04	217065.09	219202.35	219481.49	1.17	ppb
Calcium	44-1	219691.85	216326.66	217801.82	217940.11	0.77	ppb
Chromium	52-2	510.12	516.36	506.72	511.07	0.96	ppb
Cobalt	59-2	511.74	514.89	507.55	511.39	0.72	ppb
Copper	63-2	1002.06	1008.34	993.24	1001.22	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				87		%
Iron	56-2	124533.15	125432.18	123982.21	124649.18	0.59	ppb
Iron	57-2	121584.77	122444.24	120783.19	121604.06	0.68	ppb
Krypton	83-1						cps
Lead	206-1	490.38	490.72	499.96	493.69	1.10	ppb
Lead	207-1	493.73	492.57	503.67	496.66	1.23	ppb
Lead	208-1	493.42	492.29	502.11	495.94	1.08	ppb
Lithium	6-1				87		%
Magnesium	24-2	231220.36	232838.74	230099.75	231386.28	0.60	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 19:34:25	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	987.70	994.60	985.82	989.37	0.47	ppb
Molybdenum	94-1	2425.58	2429.21	2412.75	2422.51	0.36	ppb
Molybdenum	95-1	2442.27	2438.83	2437.67	2439.59	0.10	ppb
Molybdenum	96-1	2422.26	2433.25	2407.42	2420.98	0.54	ppb
Molybdenum	97-1	2438.18	2444.47	2424.73	2435.80	0.41	ppb
Molybdenum	98-1	2427.66	2448.11	2439.65	2438.47	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.79	510.88	506.17	509.61	0.59	ppb
Phosphorus	31-2	9450.10	9895.77	9278.68	9541.52	3.34	ppb
Potassium	39-2	120719.45	120067.56	117358.73	119381.91	1.49	ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				91		%
Scandium	45-2				82		%
Selenium	77-2	449.88	422.53	455.58	442.66	3.99	ppb
Selenium	78-2	461.64	458.22	465.59	461.82	0.80	ppb
Selenium	82-1	461.32	466.52	470.59	466.14	1.00	ppb
Silicon	28-1	487.78	478.37	495.84	487.33	1.79	ppb
Silver	109-1	462.20	456.95	461.95	460.36	0.64	ppb
Silver	107-1	459.71	451.96	462.37	458.01	1.18	ppb
Sodium	23-2	239190.26	238201.39	236379.95	237923.87	0.60	ppb
Strontium	86-1	471.83	473.83	472.26	472.64	0.22	ppb
Strontium	88-1	484.40	484.57	487.28	485.41	0.33	ppb
Sulfur	34-1	7703.18	7413.61	7254.64	7457.14	3.05	ppb
Terbium	159-1				111		%
Terbium	159-2				98		%
Thallium	203-1	496.40	493.59	501.72	497.24	0.83	ppb
Thallium	205-1	493.74	485.80	495.76	491.77	1.07	ppb
Tin	118-1	468.31	470.08	477.31	471.90	1.01	ppb
Titanium	47-1	2514.97	2447.64	2477.69	2480.10	1.36	ppb
Uranium	238-1	506.40	502.20	506.73	505.11	0.50	ppb
Vanadium	51-2	504.02	505.64	497.38	502.35	0.87	ppb
Yttrium	89-1				98		%
Yttrium	89-2				88		%
Zinc	66-2	1006.50	1009.15	1003.47	1006.37	0.28	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 19:34:25	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	483.86	482.26	486.05	484.06	0.39	ppb
Zirconium	91-1	477.13	476.90	475.14	476.39	0.23	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 19:37:36	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.07	0.78	0.15	0.67	71.08	ppb
Antimony	121-1	1.12	0.86	0.82	0.94	17.49	ppb
Arsenic	75-2	0.00	0.05	0.03	0.03	91.99	ppb
Barium	135-1	0.03	0.01	0.01	0.02	69.64	ppb
Barium	137-1	0.06	0.04	0.04	0.04	25.65	ppb
Beryllium	9-1	0.39	0.31	0.35	0.35	10.24	ppb
Bismuth	209-1				112		%
Bismuth	209-2				99		%
Boron	10-1	24.48	20.55	22.03	22.36	8.89	ppb
Boron	11-1	20.83	20.47	19.16	20.15	4.37	ppb
Cadmium	111-1	-0.02	-0.07	-0.02	-0.03		ppb
Cadmium	106-1	-1.25	-2.06	-1.02	-1.44		ppb
Cadmium	108-1	0.07	0.03	0.21	0.10	93.21	ppb
Calcium	43-1	6.39	-5.17	-2.70	-0.49		ppb
Calcium	44-1	12.98	14.05	9.05	12.03	21.88	ppb
Chromium	52-2	0.09	0.12	0.04	0.09	46.93	ppb
Cobalt	59-2	-0.01	-0.03	-0.02	-0.02		ppb
Copper	63-2	0.07	0.17	0.08	0.11	50.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				91		%
Iron	56-2	3.82	4.16	3.73	3.90	5.85	ppb
Iron	57-2	-0.58	4.62	1.12	1.72	154.33	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.01	0.02	0.02	59.46	ppb
Lead	207-1	0.00	0.00	0.02	0.01	123.05	ppb
Lead	208-1	0.02	0.02	0.02	0.02	13.18	ppb
Lithium	6-1				89		%
Magnesium	24-2	8.53	8.12	3.41	6.69	42.61	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 19:37:36	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.13	0.25	0.18	0.19	34.49	ppb
Molybdenum	94-1	0.98	0.83	0.73	0.85	14.64	ppb
Molybdenum	95-1	0.84	0.93	0.66	0.81	17.01	ppb
Molybdenum	96-1	0.94	0.80	0.76	0.84	11.27	ppb
Molybdenum	97-1	0.85	0.73	0.82	0.80	7.71	ppb
Molybdenum	98-1	1.05	0.89	0.77	0.90	15.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-2.33	-1.92	-2.04	-2.10		ppb
Phosphorus	31-2	-10.29	15.66	-10.29	-1.64		ppb
Potassium	39-2	-14.61	-12.12	10.08	-5.55		ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				90		%
Scandium	45-2				82		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.04	0.15	0.11	0.43	121.26	ppb
Selenium	82-1	0.45	0.67	1.11	0.74	45.20	ppb
Silicon	28-1	-13.68	-14.21	-12.94	-13.61		ppb
Silver	109-1	0.08	0.05	0.05	0.06	30.19	ppb
Silver	107-1	0.07	0.06	0.05	0.06	14.96	ppb
Sodium	23-2	5.87	3.79	-14.77	-1.70		ppb
Strontium	86-1	0.01	0.02	-0.04	-0.01		ppb
Strontium	88-1	0.02	0.01	0.01	0.02	10.59	ppb
Sulfur	34-1	-2444.54	-2294.84	-2050.67	-2263.35		ppb
Terbium	159-1				109		%
Terbium	159-2				97		%
Thallium	203-1	0.13	0.12	0.09	0.11	15.56	ppb
Thallium	205-1	0.14	0.11	0.10	0.12	16.49	ppb
Tin	118-1	0.27	0.26	0.23	0.26	7.42	ppb
Titanium	47-1	0.20	0.07	0.03	0.10	89.30	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	75.49	ppb
Vanadium	51-2	0.01	0.04	0.01	0.02	104.96	ppb
Yttrium	89-1				97		%
Yttrium	89-2				87		%
Zinc	66-2	0.36	0.50	0.30	0.39	26.38	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 19:37:36	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.15	0.14	0.12	0.14	13.78	ppb
Zirconium	91-1	0.14	0.12	0.14	0.13	9.55	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-07DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-EB-2018-1DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:40:59	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.84	0.76	3.42	3.34	76.07	ppb
Antimony	121-1	0.75	0.69	0.70	0.71	4.93	ppb
Arsenic	75-2	-0.04	0.08	0.12	0.05	150.05	ppb
Barium	135-1	0.00	0.02	-0.01	0.00	337.22	ppb
Barium	137-1	0.02	0.03	0.01	0.02	34.59	ppb
Beryllium	9-1	0.18	0.10	0.17	0.15	31.30	ppb
Bismuth	209-1				111		%
Bismuth	209-2				95		%
Boron	10-1	12.69	11.36	12.39	12.15	5.76	ppb
Boron	11-1	9.86	10.34	9.83	10.01	2.87	ppb
Cadmium	111-1	-0.03	-0.07	-0.09	-0.06		ppb
Cadmium	106-1	-0.89	-1.75	-1.78	-1.47		ppb
Cadmium	108-1	0.03	0.14	0.10	0.09	58.48	ppb
Calcium	43-1	26.84	12.75	24.54	21.38	35.36	ppb
Calcium	44-1	22.24	21.92	24.63	22.93	6.45	ppb
Chromium	52-2	0.34	0.30	0.17	0.27	32.20	ppb
Cobalt	59-2	0.00	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.78	0.77	0.85	0.80	5.95	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				108		%
Holmium	165-2				93		%
Indium	115-1				99		%
Indium	115-2				86		%
Iron	56-2	7.38	5.31	5.35	6.01	19.64	ppb
Iron	57-2	4.89	0.72	1.82	2.48	87.22	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.01	0.02	46.62	ppb
Lead	207-1	0.03	0.03	0.00	0.02	68.37	ppb
Lead	208-1	0.04	0.03	0.02	0.03	37.79	ppb
Lithium	6-1				88		%
Magnesium	24-2	7.81	8.42	1.47	5.90	65.17	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-07DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-EB-2018-1DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:40:59	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.49	1.43	1.39	1.44	3.32	ppb
Molybdenum	94-1	0.44	0.44	0.37	0.42	10.19	ppb
Molybdenum	95-1	0.21	0.23	0.17	0.20	15.63	ppb
Molybdenum	96-1	0.34	0.22	0.22	0.26	26.67	ppb
Molybdenum	97-1	0.18	0.22	0.17	0.19	15.17	ppb
Molybdenum	98-1	0.28	0.23	0.24	0.25	11.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.52	-1.86	-1.86	-1.75		ppb
Phosphorus	31-2	-10.29	-10.29	41.40	6.94	429.91	ppb
Potassium	39-2	13.72	-13.16	-19.58	-6.34		ppb
Rhodium	103-1				98		%
Rhodium	103-2				91		%
Scandium	45-1				87		%
Scandium	45-2				77		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.32	-0.83	0.14	0.54	296.91	ppb
Selenium	82-1	0.48	1.20	0.46	0.71	58.69	ppb
Silicon	28-1	-14.03	-13.76	-14.78	-14.19		ppb
Silver	109-1	0.11	0.11	0.10	0.11	4.13	ppb
Silver	107-1	0.09	0.11	0.10	0.10	7.38	ppb
Sodium	23-2	43.82	16.83	14.30	24.98	65.49	ppb
Strontium	86-1	0.08	0.01	0.05	0.05	71.11	ppb
Strontium	88-1	0.04	0.03	0.04	0.04	10.05	ppb
Sulfur	34-1	-2236.64	-2199.60	-2370.20	-2268.81		ppb
Terbium	159-1				108		%
Terbium	159-2				93		%
Thallium	203-1	0.09	0.11	0.09	0.10	14.24	ppb
Thallium	205-1	0.11	0.09	0.09	0.09	10.91	ppb
Tin	118-1	0.56	0.59	0.52	0.56	6.75	ppb
Titanium	47-1	0.17	0.12	0.18	0.16	20.90	ppb
Uranium	238-1	-0.01	-0.01	0.00	-0.01		ppb
Vanadium	51-2	0.03	0.02	0.02	0.02	35.96	ppb
Yttrium	89-1				96		%
Yttrium	89-2				83		%
Zinc	66-2	2.86	2.99	2.57	2.81	7.64	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-07DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-EB-2018-1DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:40:59	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.15	0.14	0.14	0.14	5.58	ppb
Zirconium	91-1	0.10	0.12	0.14	0.12	17.59	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-08DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0254DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:44:21	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90.16	96.34	100.52	95.67	5.45	ppb
Antimony	121-1	0.42	0.48	0.47	0.46	6.72	ppb
Arsenic	75-2	0.64	0.81	0.64	0.70	13.69	ppb
Barium	135-1	3.41	3.42	3.63	3.49	3.65	ppb
Barium	137-1	3.41	3.64	3.55	3.53	3.38	ppb
Beryllium	9-1	0.15	0.15	0.17	0.16	7.90	ppb
Bismuth	209-1				110		%
Bismuth	209-2				98		%
Boron	10-1	13.91	14.04	15.02	14.32	4.26	ppb
Boron	11-1	13.18	14.03	13.87	13.69	3.31	ppb
Cadmium	111-1	-0.06	-0.04	-0.05	-0.05		ppb
Cadmium	106-1	-1.22	-0.69	-0.92	-0.94		ppb
Cadmium	108-1	0.07	-0.04	-0.04	0.00		ppb
Calcium	43-1	2075.25	2269.64	2238.23	2194.37	4.76	ppb
Calcium	44-1	2133.80	2243.62	2230.53	2202.65	2.72	ppb
Chromium	52-2	0.18	0.31	0.41	0.30	38.08	ppb
Cobalt	59-2	0.33	0.32	0.32	0.32	2.76	ppb
Copper	63-2	1.45	1.57	1.70	1.58	8.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				87		%
Iron	56-2	944.97	964.12	961.95	957.02	1.10	ppb
Iron	57-2	967.36	917.95	948.07	944.46	2.64	ppb
Krypton	83-1						cps
Lead	206-1	0.67	0.71	0.68	0.69	3.09	ppb
Lead	207-1	0.56	0.59	0.53	0.56	5.02	ppb
Lead	208-1	0.62	0.63	0.62	0.62	0.95	ppb
Lithium	6-1				86		%
Magnesium	24-2	880.29	864.62	879.68	874.86	1.01	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-08DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0254DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:44:21	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	75.66	75.74	79.51	76.97	2.86	ppb
Molybdenum	94-1	0.46	0.43	0.41	0.44	6.02	ppb
Molybdenum	95-1	0.21	0.20	0.20	0.20	3.87	ppb
Molybdenum	96-1	0.22	0.21	0.20	0.21	6.54	ppb
Molybdenum	97-1	0.17	0.20	0.20	0.19	7.05	ppb
Molybdenum	98-1	0.20	0.20	0.19	0.20	2.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.09	0.73	0.32	109.89	ppb
Phosphorus	31-2	40.97	15.70	15.95	24.21	59.96	ppb
Potassium	39-2	309.96	320.73	298.64	309.78	3.57	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				85		%
Scandium	45-2				79		%
Selenium	77-2	0.00	6.03	6.00	4.01	86.60	ppb
Selenium	78-2	0.12	-0.83	-0.83	-0.51		ppb
Selenium	82-1	0.16	0.80	0.91	0.62	65.46	ppb
Silicon	28-1	511.09	546.31	530.90	529.43	3.33	ppb
Silver	109-1	0.09	0.07	0.08	0.08	7.90	ppb
Silver	107-1	0.10	0.07	0.08	0.08	16.46	ppb
Sodium	23-2	777.61	772.62	800.32	783.52	1.88	ppb
Strontium	86-1	18.93	19.66	19.39	19.33	1.92	ppb
Strontium	88-1	18.97	20.23	20.04	19.75	3.43	ppb
Sulfur	34-1	-2349.21	-1817.20	-1901.96	-2022.79		ppb
Terbium	159-1				106		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.03	0.03	0.03	41.95	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	25.73	ppb
Tin	118-1	0.40	0.43	0.37	0.40	6.90	ppb
Titanium	47-1	1.70	1.99	1.82	1.84	7.95	ppb
Uranium	238-1	0.13	0.15	0.14	0.14	9.00	ppb
Vanadium	51-2	0.38	0.37	0.35	0.36	5.09	ppb
Yttrium	89-1				93		%
Yttrium	89-2				86		%
Zinc	66-2	5.79	3.93	3.97	4.56	23.24	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-08DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0254DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:44:21	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.20	0.17	0.15	0.17	14.33	ppb
Zirconium	91-1	0.23	0.24	0.18	0.22	15.10	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-09DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0255DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:47:43	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.05	7.65	10.83	9.51	17.46	ppb
Antimony	121-1	0.34	0.41	0.35	0.37	9.87	ppb
Arsenic	75-2	1.96	1.78	1.68	1.81	7.78	ppb
Barium	135-1	2.49	2.55	2.56	2.54	1.45	ppb
Barium	137-1	2.42	2.58	2.34	2.45	4.99	ppb
Beryllium	9-1	0.13	0.15	0.18	0.15	18.26	ppb
Bismuth	209-1				112		%
Bismuth	209-2				98		%
Boron	10-1	27.30	30.32	29.00	28.87	5.24	ppb
Boron	11-1	29.34	29.20	31.30	29.95	3.92	ppb
Cadmium	111-1	0.09	0.01	0.10	0.07	73.64	ppb
Cadmium	106-1	-0.71	-1.95	-1.23	-1.30		ppb
Cadmium	108-1	0.21	0.40	0.10	0.24	62.46	ppb
Calcium	43-1	2800.05	2745.13	2756.85	2767.35	1.05	ppb
Calcium	44-1	2736.62	2743.23	2759.94	2746.60	0.44	ppb
Chromium	52-2	0.27	0.23	0.31	0.27	15.54	ppb
Cobalt	59-2	3.53	3.39	3.55	3.49	2.59	ppb
Copper	63-2	1.06	1.03	0.99	1.03	3.61	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				95		%
Indium	115-1				98		%
Indium	115-2				86		%
Iron	56-2	4191.48	4132.26	4269.82	4197.86	1.64	ppb
Iron	57-2	3921.53	3972.79	4049.00	3981.11	1.61	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.08	0.06	0.07	13.25	ppb
Lead	207-1	0.05	0.05	0.06	0.06	14.68	ppb
Lead	208-1	0.07	0.07	0.07	0.07	1.74	ppb
Lithium	6-1				86		%
Magnesium	24-2	697.78	668.85	711.63	692.75	3.15	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-09DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0255DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:47:43	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1687.35	1631.21	1711.52	1676.69	2.46	ppb
Molybdenum	94-1	0.21	0.37	0.32	0.30	26.62	ppb
Molybdenum	95-1	0.06	0.05	0.12	0.08	52.06	ppb
Molybdenum	96-1	0.11	0.09	0.07	0.09	20.78	ppb
Molybdenum	97-1	0.08	0.01	0.08	0.06	68.44	ppb
Molybdenum	98-1	0.05	0.09	0.09	0.08	28.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.88	-1.09	-1.05	-1.01		ppb
Phosphorus	31-2	-10.29	15.51	16.55	7.26	209.48	ppb
Potassium	39-2	326.47	329.76	349.85	335.36	3.77	ppb
Rhodium	103-1				96		%
Rhodium	103-2				91		%
Scandium	45-1				85		%
Scandium	45-2				78		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	3.16	0.16	-0.83	0.83	251.04	ppb
Selenium	82-1	0.42	0.42	0.35	0.40	9.99	ppb
Silicon	28-1	898.73	911.46	912.97	907.72	0.86	ppb
Silver	109-1	0.06	0.06	0.05	0.06	11.75	ppb
Silver	107-1	0.05	0.05	0.06	0.05	11.41	ppb
Sodium	23-2	988.32	943.87	1002.11	978.10	3.11	ppb
Strontium	86-1	24.12	25.04	24.24	24.47	2.04	ppb
Strontium	88-1	24.63	24.72	24.73	24.70	0.22	ppb
Sulfur	34-1	-1990.22	-1862.85	-1704.66	-1852.57		ppb
Terbium	159-1				107		%
Terbium	159-2				94		%
Thallium	203-1	0.09	0.10	0.08	0.09	14.43	ppb
Thallium	205-1	0.08	0.08	0.09	0.08	7.54	ppb
Tin	118-1	0.62	0.62	0.67	0.64	4.89	ppb
Titanium	47-1	0.12	0.24	0.10	0.15	47.36	ppb
Uranium	238-1	4.32	4.44	4.47	4.41	1.83	ppb
Vanadium	51-2	0.03	0.04	0.06	0.04	30.15	ppb
Yttrium	89-1				94		%
Yttrium	89-2				84		%
Zinc	66-2	4.79	4.93	3.88	4.53	12.55	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-09DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0255DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:47:43	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.14	0.10	0.09	0.11	26.00	ppb
Zirconium	91-1	0.13	0.09	0.12	0.11	16.98	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-10DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0248DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:51:05	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.74	6.35	3.03	5.71	42.48	ppb
Antimony	121-1	0.32	0.32	0.32	0.32	0.20	ppb
Arsenic	75-2	0.65	0.81	1.00	0.82	21.61	ppb
Barium	135-1	0.62	0.57	0.57	0.59	4.49	ppb
Barium	137-1	0.62	0.59	0.51	0.58	9.75	ppb
Beryllium	9-1	0.07	0.08	0.05	0.07	21.46	ppb
Bismuth	209-1				107		%
Bismuth	209-2				96		%
Boron	10-1	9.40	7.76	8.27	8.48	9.89	ppb
Boron	11-1	7.38	7.38	5.46	6.74	16.43	ppb
Cadmium	111-1	-0.13	-0.09	-0.14	-0.12		ppb
Cadmium	106-1	-1.74	-1.38	-1.86	-1.66		ppb
Cadmium	108-1	0.07	-0.04	0.18	0.07	151.75	ppb
Calcium	43-1	135.02	142.49	126.45	134.65	5.96	ppb
Calcium	44-1	133.88	148.29	132.25	138.14	6.39	ppb
Chromium	52-2	0.21	0.40	0.27	0.29	33.34	ppb
Cobalt	59-2	0.42	0.32	0.40	0.38	13.12	ppb
Copper	63-2	0.88	0.89	1.01	0.93	7.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				94		%
Indium	115-1				94		%
Indium	115-2				86		%
Iron	56-2	2062.86	2097.70	2070.16	2076.91	0.88	ppb
Iron	57-2	2100.06	2022.70	2072.06	2064.94	1.90	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.00	0.01	80.42	ppb
Lead	207-1	0.03	0.02	0.01	0.02	67.21	ppb
Lead	208-1	0.03	0.02	0.01	0.02	33.99	ppb
Lithium	6-1				82		%
Magnesium	24-2	19.48	18.57	17.96	18.67	4.08	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-10DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0248DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:51:05	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	40.10	41.46	41.62	41.06	2.04	ppb
Molybdenum	94-1	0.18	0.21	0.16	0.18	13.92	ppb
Molybdenum	95-1	0.04	0.06	0.07	0.06	21.06	ppb
Molybdenum	96-1	0.11	0.10	0.07	0.10	20.96	ppb
Molybdenum	97-1	0.06	0.02	0.04	0.04	49.88	ppb
Molybdenum	98-1	0.07	0.09	0.09	0.09	11.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.40	-0.96	-0.48	-0.61		ppb
Phosphorus	31-2	-10.29	16.35	-10.29	-1.41		ppb
Potassium	39-2	26.66	38.44	63.27	42.79	43.67	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				83		%
Scandium	45-2				78		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.15	0.15	-0.83	0.16	634.56	ppb
Selenium	82-1	0.31	-0.14	0.96	0.38	146.75	ppb
Silicon	28-1	33.45	35.18	26.25	31.62	14.98	ppb
Silver	109-1	0.07	0.05	0.04	0.05	27.70	ppb
Silver	107-1	0.04	0.05	0.05	0.05	6.00	ppb
Sodium	23-2	8.27	16.62	19.63	14.84	39.68	ppb
Strontium	86-1	0.56	0.50	0.47	0.51	8.89	ppb
Strontium	88-1	0.60	0.64	0.56	0.60	6.55	ppb
Sulfur	34-1	-1935.59	-1191.89	-2430.69	-1852.73		ppb
Terbium	159-1				102		%
Terbium	159-2				93		%
Thallium	203-1	0.02	0.03	0.02	0.02	38.69	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	68.60	ppb
Tin	118-1	0.59	0.64	0.48	0.57	14.88	ppb
Titanium	47-1	0.15	0.15	0.16	0.15	4.97	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.09	0.06	0.00	0.05	89.90	ppb
Yttrium	89-1				91		%
Yttrium	89-2				84		%
Zinc	66-2	3.87	5.15	4.38	4.47	14.43	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-10DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0248DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:51:05	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.09	0.08	0.08	8.69	ppb
Zirconium	91-1	0.07	0.11	0.05	0.08	44.96	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-11DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0259DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:54:28	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27.57	27.94	24.12	26.55	7.93	ppb
Antimony	121-1	0.25	0.30	0.27	0.27	8.34	ppb
Arsenic	75-2	18.72	20.12	18.18	19.01	5.27	ppb
Barium	135-1	6.55	6.65	6.29	6.50	2.83	ppb
Barium	137-1	6.50	6.77	6.76	6.68	2.33	ppb
Beryllium	9-1	0.07	0.10	0.17	0.11	45.28	ppb
Bismuth	209-1				112		%
Bismuth	209-2				98		%
Boron	10-1	25.10	24.66	21.83	23.86	7.42	ppb
Boron	11-1	22.02	22.70	23.18	22.63	2.57	ppb
Cadmium	111-1	-0.11	-0.09	-0.21	-0.14		ppb
Cadmium	106-1	-1.56	-1.22	-3.17	-1.98		ppb
Cadmium	108-1	0.07	0.11	0.07	0.08	26.38	ppb
Calcium	43-1	4673.84	4701.96	4782.23	4719.35	1.19	ppb
Calcium	44-1	4663.69	4649.09	4657.89	4656.89	0.16	ppb
Chromium	52-2	0.31	0.34	0.34	0.33	4.66	ppb
Cobalt	59-2	2.13	2.26	2.15	2.18	3.27	ppb
Copper	63-2	1.24	1.42	1.49	1.38	9.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				94		%
Indium	115-1				98		%
Indium	115-2				86		%
Iron	56-2	10007.68	10708.60	10496.75	10404.34	3.46	ppb
Iron	57-2	9665.16	10280.01	10200.50	10048.56	3.33	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.10	0.12	0.11	6.57	ppb
Lead	207-1	0.12	0.11	0.10	0.11	8.69	ppb
Lead	208-1	0.12	0.12	0.11	0.12	6.95	ppb
Lithium	6-1				83		%
Magnesium	24-2	1148.53	1190.66	1149.09	1162.76	2.08	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-11DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0259DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:54:28	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1894.61	2018.60	1971.36	1961.52	3.19	ppb
Molybdenum	94-1	0.32	0.19	0.23	0.25	27.67	ppb
Molybdenum	95-1	0.09	0.08	0.08	0.08	8.54	ppb
Molybdenum	96-1	0.07	0.10	0.09	0.09	15.39	ppb
Molybdenum	97-1	0.04	0.15	0.07	0.09	66.58	ppb
Molybdenum	98-1	0.07	0.06	0.08	0.07	18.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.73	-0.67	-1.31	-0.90		ppb
Phosphorus	31-2	92.24	-10.29	16.61	32.85	161.80	ppb
Potassium	39-2	339.00	379.74	441.88	386.87	13.39	ppb
Rhodium	103-1				96		%
Rhodium	103-2				91		%
Scandium	45-1				87		%
Scandium	45-2				77		%
Selenium	77-2	5.99	0.00	12.11	6.03	100.35	ppb
Selenium	78-2	-0.83	-0.83	0.15	-0.50		ppb
Selenium	82-1	0.77	1.04	-0.31	0.50	142.39	ppb
Silicon	28-1	1363.66	1374.72	1377.92	1372.10	0.55	ppb
Silver	109-1	0.04	0.05	0.04	0.04	12.89	ppb
Silver	107-1	0.04	0.05	0.05	0.05	9.93	ppb
Sodium	23-2	1279.41	1363.37	1346.15	1329.64	3.34	ppb
Strontium	86-1	28.34	27.66	27.90	27.97	1.23	ppb
Strontium	88-1	28.22	27.86	28.12	28.06	0.66	ppb
Sulfur	34-1	-1021.62	-1110.85	-1037.59	-1056.69		ppb
Terbium	159-1				107		%
Terbium	159-2				94		%
Thallium	203-1	0.01	0.00	0.02	0.01	75.34	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	12.29	ppb
Tin	118-1	0.29	0.37	0.27	0.31	16.88	ppb
Titanium	47-1	0.37	0.19	0.39	0.31	35.57	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	32.53	ppb
Vanadium	51-2	0.04	0.12	0.19	0.11	64.94	ppb
Yttrium	89-1				95		%
Yttrium	89-2				84		%
Zinc	66-2	3.35	4.55	2.95	3.62	23.12	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-11DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0259DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:54:28	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.12	0.10	0.11	0.11	7.72	ppb
Zirconium	91-1	0.11	0.08	0.09	0.09	16.84	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-12DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0262DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:57:49	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.11	11.74	9.34	9.06	31.19	ppb
Antimony	121-1	0.28	0.29	0.27	0.28	3.68	ppb
Arsenic	75-2	31.09	31.25	30.89	31.08	0.58	ppb
Barium	135-1	4.30	4.01	4.40	4.24	4.84	ppb
Barium	137-1	4.12	4.23	4.35	4.24	2.65	ppb
Beryllium	9-1	0.08	0.05	0.06	0.06	24.11	ppb
Bismuth	209-1				112		%
Bismuth	209-2				97		%
Boron	10-1	44.89	44.76	46.19	45.28	1.74	ppb
Boron	11-1	46.62	46.10	49.34	47.35	3.68	ppb
Cadmium	111-1	-0.07	-0.04	-0.12	-0.08		ppb
Cadmium	106-1	-1.09	-0.55	-1.84	-1.16		ppb
Cadmium	108-1	0.03	0.00	0.03	0.02	98.97	ppb
Calcium	43-1	3778.06	3734.14	3731.82	3748.01	0.70	ppb
Calcium	44-1	3807.27	3802.55	3791.01	3800.28	0.22	ppb
Chromium	52-2	0.36	0.49	0.54	0.46	20.14	ppb
Cobalt	59-2	3.30	3.53	3.11	3.31	6.32	ppb
Copper	63-2	2.45	2.54	2.53	2.51	1.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				94		%
Indium	115-1				98		%
Indium	115-2				86		%
Iron	56-2	15663.41	16785.84	15912.35	16120.53	3.66	ppb
Iron	57-2	15224.58	16226.60	15338.57	15596.59	3.52	ppb
Krypton	83-1						cps
Lead	206-1	0.43	0.42	0.42	0.42	1.20	ppb
Lead	207-1	0.35	0.36	0.38	0.36	5.12	ppb
Lead	208-1	0.38	0.40	0.40	0.39	3.14	ppb
Lithium	6-1				82		%
Magnesium	24-2	1374.65	1521.77	1443.06	1446.49	5.09	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-12DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0262DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:57:49	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	931.10	990.54	947.78	956.48	3.21	ppb
Molybdenum	94-1	0.48	0.40	0.48	0.45	9.27	ppb
Molybdenum	95-1	0.36	0.34	0.35	0.35	2.23	ppb
Molybdenum	96-1	0.40	0.40	0.41	0.40	2.06	ppb
Molybdenum	97-1	0.28	0.40	0.31	0.33	18.63	ppb
Molybdenum	98-1	0.35	0.28	0.39	0.34	17.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.32	0.49	0.05	0.07	553.08	ppb
Phosphorus	31-2	15.66	17.23	15.71	16.20	5.49	ppb
Potassium	39-2	342.43	376.53	342.89	353.95	5.52	ppb
Rhodium	103-1				96		%
Rhodium	103-2				91		%
Scandium	45-1				87		%
Scandium	45-2				78		%
Selenium	77-2	0.00	0.00	5.97	1.99	173.21	ppb
Selenium	78-2	2.11	0.19	-0.83	0.49	305.04	ppb
Selenium	82-1	0.85	0.17	0.28	0.43	84.46	ppb
Silicon	28-1	1489.92	1477.71	1486.56	1484.73	0.42	ppb
Silver	109-1	0.07	0.04	0.04	0.05	36.32	ppb
Silver	107-1	0.05	0.04	0.06	0.05	22.91	ppb
Sodium	23-2	2205.26	2366.41	2201.25	2257.64	4.17	ppb
Strontium	86-1	22.80	21.94	21.89	22.21	2.29	ppb
Strontium	88-1	22.63	22.47	22.39	22.49	0.55	ppb
Sulfur	34-1	-2159.97	-2335.44	-2271.71	-2255.71		ppb
Terbium	159-1				107		%
Terbium	159-2				93		%
Thallium	203-1	0.00	0.01	0.01	0.01	117.96	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	4412.02	ppb
Tin	118-1	0.36	0.29	0.35	0.33	10.50	ppb
Titanium	47-1	0.30	0.22	0.23	0.25	16.52	ppb
Uranium	238-1	0.10	0.12	0.11	0.11	5.33	ppb
Vanadium	51-2	0.34	0.34	0.33	0.34	1.04	ppb
Yttrium	89-1				95		%
Yttrium	89-2				84		%
Zinc	66-2	5.13	6.00	5.56	5.56	7.89	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-12DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0262DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:57:49	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.14	0.12	0.14	0.13	7.63	ppb
Zirconium	91-1	0.15	0.11	0.10	0.12	20.78	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-13DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0260DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 20:01:11	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.11	11.41	8.08	9.53	17.91	ppb
Antimony	121-1	0.23	0.25	0.24	0.24	3.90	ppb
Arsenic	75-2	40.53	40.81	38.87	40.07	2.62	ppb
Barium	135-1	6.82	6.84	6.34	6.67	4.26	ppb
Barium	137-1	6.85	6.68	6.92	6.82	1.84	ppb
Beryllium	9-1	0.10	0.08	0.07	0.08	20.75	ppb
Bismuth	209-1				110		%
Bismuth	209-2				98		%
Boron	10-1	37.12	33.12	37.38	35.87	6.65	ppb
Boron	11-1	35.63	32.88	33.36	33.96	4.34	ppb
Cadmium	111-1	-0.11	-0.16	-0.06	-0.11		ppb
Cadmium	106-1	-1.62	-2.14	-0.97	-1.58		ppb
Cadmium	108-1	0.04	0.14	0.03	0.07	86.37	ppb
Calcium	43-1	7399.92	7229.88	7262.55	7297.45	1.24	ppb
Calcium	44-1	7585.06	7455.87	7434.22	7491.72	1.09	ppb
Chromium	52-2	0.37	0.28	0.35	0.34	13.67	ppb
Cobalt	59-2	1.18	1.34	1.36	1.29	7.85	ppb
Copper	63-2	0.91	0.91	0.96	0.93	2.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				87		%
Iron	56-2	12507.79	12750.01	12453.12	12570.30	1.26	ppb
Iron	57-2	12017.90	12279.38	12177.09	12158.13	1.08	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.04	0.03	19.55	ppb
Lead	207-1	0.02	0.02	0.01	0.02	18.22	ppb
Lead	208-1	0.03	0.03	0.02	0.03	12.35	ppb
Lithium	6-1				81		%
Magnesium	24-2	1586.56	1591.79	1547.99	1575.45	1.52	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-13DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0260DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 20:01:11	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1392.30	1399.90	1375.02	1389.07	0.92	ppb
Molybdenum	94-1	0.32	0.30	0.25	0.29	12.59	ppb
Molybdenum	95-1	0.23	0.23	0.26	0.24	7.02	ppb
Molybdenum	96-1	0.24	0.30	0.25	0.26	11.57	ppb
Molybdenum	97-1	0.22	0.24	0.18	0.21	14.85	ppb
Molybdenum	98-1	0.23	0.20	0.20	0.21	8.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.85	0.73	1.28	0.95	30.57	ppb
Phosphorus	31-2	-10.29	15.60	-10.29	-1.66		ppb
Potassium	39-2	973.29	1017.81	1032.20	1007.77	3.05	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				86		%
Scandium	45-2				80		%
Selenium	77-2	0.00	0.00	5.95	1.98	173.21	ppb
Selenium	78-2	0.14	-0.83	-0.83	-0.51		ppb
Selenium	82-1	0.74	0.99	0.49	0.74	34.19	ppb
Silicon	28-1	2263.75	2172.11	2140.38	2192.08	2.92	ppb
Silver	109-1	0.04	0.04	0.04	0.04	2.89	ppb
Silver	107-1	0.04	0.03	0.04	0.04	7.90	ppb
Sodium	23-2	2877.09	2868.66	2836.87	2860.87	0.74	ppb
Strontium	86-1	85.68	81.53	81.80	83.00	2.79	ppb
Strontium	88-1	86.68	82.89	83.80	84.46	2.34	ppb
Sulfur	34-1	-2014.95	-2420.41	-2619.16	-2351.51		ppb
Terbium	159-1				105		%
Terbium	159-2				94		%
Thallium	203-1	0.01	0.00	0.01	0.01	56.85	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	289.56	ppb
Tin	118-1	0.35	0.31	0.33	0.33	6.34	ppb
Titanium	47-1	0.37	0.29	0.26	0.30	18.11	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	75.98	ppb
Vanadium	51-2	0.14	0.07	0.10	0.10	32.91	ppb
Yttrium	89-1				94		%
Yttrium	89-2				85		%
Zinc	66-2	2.98	2.81	2.92	2.90	3.01	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-13DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0260DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 20:01:11	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.07	0.07	0.07	0.35	ppb
Zirconium	91-1	0.10	0.12	0.09	0.10	14.17	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-14DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0243DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 20:04:32	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.57	9.96	11.26	9.93	13.55	ppb
Antimony	121-1	0.22	0.22	0.20	0.21	4.15	ppb
Arsenic	75-2	6.99	5.53	5.28	5.93	15.53	ppb
Barium	135-1	4.77	4.60	4.84	4.73	2.60	ppb
Barium	137-1	4.58	4.89	4.75	4.74	3.30	ppb
Beryllium	9-1	0.10	0.07	0.07	0.08	21.36	ppb
Bismuth	209-1				110		%
Bismuth	209-2				94		%
Boron	10-1	10.08	9.89	10.08	10.02	1.10	ppb
Boron	11-1	10.53	9.52	9.37	9.81	6.44	ppb
Cadmium	111-1	-0.02	-0.15	-0.20	-0.12		ppb
Cadmium	106-1	-0.26	-2.03	-2.68	-1.66		ppb
Cadmium	108-1	0.07	0.14	0.14	0.12	34.78	ppb
Calcium	43-1	17469.40	17317.32	17322.85	17369.86	0.50	ppb
Calcium	44-1	17527.01	17549.49	17811.81	17629.44	0.90	ppb
Chromium	52-2	0.45	0.54	0.41	0.47	13.73	ppb
Cobalt	59-2	0.91	0.81	0.87	0.86	5.91	ppb
Copper	63-2	0.94	0.83	0.86	0.87	6.69	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				107		%
Holmium	165-2				92		%
Indium	115-1				97		%
Indium	115-2				84		%
Iron	56-2	6690.23	6119.83	5990.98	6267.01	5.94	ppb
Iron	57-2	6422.95	5921.89	5743.55	6029.46	5.84	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	-0.01	-0.01		ppb
Lead	207-1	0.00	0.00	-0.01	0.00		ppb
Lead	208-1	0.01	0.00	0.00	0.00	239.74	ppb
Lithium	6-1				81		%
Magnesium	24-2	3259.20	3067.77	2939.61	3088.86	5.21	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-14DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0243DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 20:04:32	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	566.04	522.26	509.58	532.63	5.56	ppb
Molybdenum	94-1	0.65	0.69	0.66	0.67	3.01	ppb
Molybdenum	95-1	0.10	0.09	0.09	0.10	8.70	ppb
Molybdenum	96-1	0.17	0.16	0.21	0.18	17.02	ppb
Molybdenum	97-1	0.04	0.08	0.03	0.05	61.59	ppb
Molybdenum	98-1	0.10	0.09	0.10	0.10	9.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.72	-0.02	0.04	0.24	169.04	ppb
Phosphorus	31-2	73.86	94.56	66.59	78.34	18.53	ppb
Potassium	39-2	768.72	722.08	678.12	722.97	6.27	ppb
Rhodium	103-1				95		%
Rhodium	103-2				89		%
Scandium	45-1				87		%
Scandium	45-2				77		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.23	0.15	1.13	0.50	108.95	ppb
Selenium	82-1	0.85	-0.45	-0.16	0.08	854.46	ppb
Silicon	28-1	2343.47	2324.18	2360.24	2342.63	0.77	ppb
Silver	109-1	0.04	0.03	0.02	0.03	24.82	ppb
Silver	107-1	0.03	0.04	0.03	0.03	5.73	ppb
Sodium	23-2	53678.80	49658.74	49178.74	50838.76	4.86	ppb
Strontium	86-1	97.13	95.91	96.39	96.48	0.64	ppb
Strontium	88-1	100.76	100.12	99.38	100.09	0.69	ppb
Sulfur	34-1	-2206.79	-2293.55	-2271.00	-2257.12		ppb
Terbium	159-1				106		%
Terbium	159-2				92		%
Thallium	203-1	0.00	-0.01	0.00	0.00	651.84	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.30	0.32	0.32	0.31	4.52	ppb
Titanium	47-1	0.29	0.46	0.45	0.40	22.94	ppb
Uranium	238-1	0.07	0.06	0.07	0.07	10.80	ppb
Vanadium	51-2	1.06	1.02	1.03	1.03	2.04	ppb
Yttrium	89-1				94		%
Yttrium	89-2				83		%
Zinc	66-2	2.16	1.63	1.93	1.91	13.81	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-14DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0243DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 20:04:32	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.37	0.42	0.37	0.38	7.99	ppb
Zirconium	91-1	0.36	0.40	0.36	0.37	5.87	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-15DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0253DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 20:07:53	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.92	7.63	12.25	8.93	32.42	ppb
Antimony	121-1	0.24	0.23	0.19	0.22	12.32	ppb
Arsenic	75-2	0.83	0.57	0.98	0.80	26.01	ppb
Barium	135-1	4.07	3.81	3.72	3.87	4.72	ppb
Barium	137-1	4.00	4.20	3.77	3.99	5.46	ppb
Beryllium	9-1	0.08	0.04	-0.03	0.03	171.33	ppb
Bismuth	209-1				111		%
Bismuth	209-2				98		%
Boron	10-1	9.17	7.00	7.97	8.05	13.56	ppb
Boron	11-1	8.42	8.37	8.94	8.58	3.69	ppb
Cadmium	111-1	-0.20	-0.12	-0.15	-0.16		ppb
Cadmium	106-1	-2.93	-1.73	-2.05	-2.24		ppb
Cadmium	108-1	0.00	0.07	0.14	0.07	103.77	ppb
Calcium	43-1	6631.85	6575.15	6433.82	6546.94	1.56	ppb
Calcium	44-1	6794.64	6743.30	6695.09	6744.34	0.74	ppb
Chromium	52-2	0.48	0.36	0.47	0.43	14.47	ppb
Cobalt	59-2	0.41	0.36	0.34	0.37	9.14	ppb
Copper	63-2	1.23	1.18	0.99	1.13	11.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				95		%
Indium	115-1				99		%
Indium	115-2				87		%
Iron	56-2	1168.67	1133.63	1110.02	1137.44	2.59	ppb
Iron	57-2	1166.71	1114.57	1128.80	1136.70	2.37	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.05	0.03	0.04	27.04	ppb
Lead	207-1	0.03	0.04	0.01	0.03	59.48	ppb
Lead	208-1	0.04	0.05	0.04	0.04	17.22	ppb
Lithium	6-1				81		%
Magnesium	24-2	1597.79	1545.94	1533.93	1559.22	2.18	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-15DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0253DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 20:07:53	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	432.01	422.28	413.71	422.67	2.17	ppb
Molybdenum	94-1	0.20	0.08	0.20	0.16	42.86	ppb
Molybdenum	95-1	0.08	0.08	0.09	0.09	9.08	ppb
Molybdenum	96-1	0.09	0.12	0.11	0.10	16.53	ppb
Molybdenum	97-1	0.03	0.12	0.13	0.09	55.44	ppb
Molybdenum	98-1	0.10	0.08	0.10	0.09	10.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.59	-0.78	-0.73	-0.70		ppb
Phosphorus	31-2	96.53	-10.29	66.30	50.85	108.28	ppb
Potassium	39-2	1447.56	1337.40	1350.40	1378.45	4.37	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				87		%
Scandium	45-2				79		%
Selenium	77-2	0.00	0.00	11.95	3.98	173.21	ppb
Selenium	78-2	0.18	-0.83	-0.83	-0.50		ppb
Selenium	82-1	0.93	0.88	0.29	0.70	51.20	ppb
Silicon	28-1	1643.12	1604.08	1587.25	1611.49	1.78	ppb
Silver	109-1	0.04	0.04	0.04	0.04	5.63	ppb
Silver	107-1	0.04	0.04	0.03	0.04	22.03	ppb
Sodium	23-2	11620.01	11148.79	11047.09	11271.96	2.71	ppb
Strontium	86-1	41.62	41.37	40.00	41.00	2.12	ppb
Strontium	88-1	41.56	41.58	41.06	41.40	0.71	ppb
Sulfur	34-1	-2137.55	-2191.34	-2323.20	-2217.36		ppb
Terbium	159-1				107		%
Terbium	159-2				94		%
Thallium	203-1	0.00	0.01	0.01	0.01	56.07	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.27	0.29	0.31	0.29	6.42	ppb
Titanium	47-1	0.64	0.62	0.73	0.66	8.63	ppb
Uranium	238-1	0.04	0.03	0.04	0.04	10.26	ppb
Vanadium	51-2	0.24	0.22	0.21	0.23	6.01	ppb
Yttrium	89-1				95		%
Yttrium	89-2				85		%
Zinc	66-2	7.07	6.14	6.66	6.63	7.01	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-15DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0253DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 20:07:53	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.06	0.03	0.04	30.49	ppb
Zirconium	91-1	0.02	0.09	0.03	0.05	71.10	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-16DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0244DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 20:11:15	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.72	11.78	6.58	9.69	28.35	ppb
Antimony	121-1	0.25	0.25	0.27	0.26	5.75	ppb
Arsenic	75-2	5.82	6.20	5.52	5.85	5.85	ppb
Barium	135-1	5.04	4.49	4.46	4.66	6.92	ppb
Barium	137-1	5.20	4.69	4.59	4.83	6.73	ppb
Beryllium	9-1	0.07	0.08	0.04	0.06	32.82	ppb
Bismuth	209-1				108		%
Bismuth	209-2				98		%
Boron	10-1	8.41	8.75	9.77	8.97	7.89	ppb
Boron	11-1	9.37	9.12	8.32	8.94	6.18	ppb
Cadmium	111-1	-0.15	-0.10	-0.20	-0.15		ppb
Cadmium	106-1	-1.91	-1.33	-2.95	-2.06		ppb
Cadmium	108-1	0.12	0.07	0.10	0.10	24.75	ppb
Calcium	43-1	19443.56	17522.48	17328.96	18098.33	6.46	ppb
Calcium	44-1	19694.35	18031.12	17648.87	18458.12	5.89	ppb
Chromium	52-2	0.73	0.51	0.69	0.64	18.39	ppb
Cobalt	59-2	0.85	0.81	0.84	0.83	2.22	ppb
Copper	63-2	0.97	0.90	0.96	0.94	3.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				88		%
Iron	56-2	6190.12	6111.09	6154.45	6151.89	0.64	ppb
Iron	57-2	5688.98	5666.71	5798.85	5718.18	1.24	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.00	0.01	0.01	71.69	ppb
Lead	207-1	0.01	0.00	-0.01	0.00		ppb
Lead	208-1	0.02	0.01	0.01	0.01	67.11	ppb
Lithium	6-1				78		%
Magnesium	24-2	3044.30	3068.70	2969.03	3027.34	1.72	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-16DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0244DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 20:11:15	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	523.45	516.21	527.60	522.42	1.10	ppb
Molybdenum	94-1	0.77	0.65	0.58	0.67	14.42	ppb
Molybdenum	95-1	0.12	0.08	0.07	0.09	32.17	ppb
Molybdenum	96-1	0.22	0.18	0.12	0.18	28.46	ppb
Molybdenum	97-1	0.11	0.01	0.07	0.06	77.96	ppb
Molybdenum	98-1	0.08	0.10	0.05	0.08	27.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.30	-0.31	-0.04	-0.01		ppb
Phosphorus	31-2	117.77	66.57	41.29	75.21	51.81	ppb
Potassium	39-2	652.36	651.20	648.15	650.57	0.33	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				85		%
Scandium	45-2				80		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.10	0.13	-0.83	0.13	736.47	ppb
Selenium	82-1	0.35	0.70	0.64	0.56	33.97	ppb
Silicon	28-1	2610.36	2395.31	2345.46	2450.38	5.75	ppb
Silver	109-1	0.03	0.03	0.03	0.03	11.13	ppb
Silver	107-1	0.03	0.03	0.03	0.03	14.77	ppb
Sodium	23-2	50083.77	49720.08	50155.51	49986.46	0.47	ppb
Strontium	86-1	104.43	97.94	94.96	99.11	4.89	ppb
Strontium	88-1	111.76	102.11	99.92	104.60	6.02	ppb
Sulfur	34-1	-823.90	-1999.44	-2363.88	-1729.08		ppb
Terbium	159-1				105		%
Terbium	159-2				96		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	-0.01	-0.01		ppb
Tin	118-1	0.36	0.36	0.30	0.34	10.20	ppb
Titanium	47-1	0.39	0.45	0.58	0.47	20.58	ppb
Uranium	238-1	0.07	0.07	0.07	0.07	5.84	ppb
Vanadium	51-2	0.99	1.15	1.01	1.05	8.32	ppb
Yttrium	89-1				93		%
Yttrium	89-2				86		%
Zinc	66-2	2.15	2.51	1.95	2.20	12.86	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-16DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0244DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 20:11:15	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.40	0.34	0.33	0.36	10.79	ppb
Zirconium	91-1	0.43	0.34	0.39	0.39	11.34	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 20:14:36	DataFile Name :	065CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48362.72	49003.05	48943.73	48769.83	0.73	ppb
Antimony	121-1	456.45	471.39	468.91	465.58	1.72	ppb
Arsenic	75-2	487.55	490.74	495.15	491.15	0.78	ppb
Barium	135-1	2399.20	2468.03	2416.59	2427.94	1.47	ppb
Barium	137-1	2387.69	2444.29	2410.03	2414.00	1.18	ppb
Beryllium	9-1	575.38	573.08	557.65	568.70	1.70	ppb
Bismuth	209-1				109		%
Bismuth	209-2				97		%
Boron	10-1	557.87	578.47	575.33	570.55	1.95	ppb
Boron	11-1	552.71	570.90	556.84	560.15	1.70	ppb
Cadmium	111-1	452.82	462.21	459.40	458.15	1.05	ppb
Cadmium	106-1	454.27	456.85	451.18	454.10	0.63	ppb
Cadmium	108-1	451.70	459.74	454.47	455.30	0.90	ppb
Calcium	43-1	223491.12	225957.15	220511.44	223319.90	1.22	ppb
Calcium	44-1	220756.82	222946.89	220439.86	221381.19	0.62	ppb
Chromium	52-2	518.70	525.57	524.61	522.96	0.71	ppb
Cobalt	59-2	511.96	521.38	520.58	517.97	1.01	ppb
Copper	63-2	1006.12	1018.62	1018.53	1014.42	0.71	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				100		%
Indium	115-1				99		%
Indium	115-2				88		%
Iron	56-2	124851.05	127563.19	127257.93	126557.39	1.17	ppb
Iron	57-2	121935.34	123650.89	123813.29	123133.17	0.85	ppb
Krypton	83-1						cps
Lead	206-1	508.06	509.41	498.59	505.35	1.17	ppb
Lead	207-1	515.90	503.20	505.42	508.17	1.33	ppb
Lead	208-1	510.79	506.80	501.25	506.28	0.95	ppb
Lithium	6-1				86		%
Magnesium	24-2	233021.35	236971.67	235194.68	235062.57	0.84	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 20:14:36	DataFile Name :	065CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	994.97	1013.30	998.40	1002.22	0.97	ppb
Molybdenum	94-1	2444.88	2478.09	2488.46	2470.48	0.92	ppb
Molybdenum	95-1	2447.99	2480.80	2511.34	2480.04	1.28	ppb
Molybdenum	96-1	2461.62	2509.87	2505.18	2492.22	1.07	ppb
Molybdenum	97-1	2471.98	2509.25	2539.15	2506.80	1.34	ppb
Molybdenum	98-1	2484.42	2478.48	2500.99	2487.96	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.13	522.84	520.15	519.37	0.75	ppb
Phosphorus	31-2	9696.62	10403.57	9771.85	9957.35	3.90	ppb
Potassium	39-2	119754.51	122132.30	122792.54	121559.79	1.31	ppb
Rhodium	103-1				93		%
Rhodium	103-2				89		%
Scandium	45-1				91		%
Scandium	45-2				82		%
Selenium	77-2	481.42	462.58	505.19	483.07	4.42	ppb
Selenium	78-2	431.57	430.44	455.80	439.27	3.26	ppb
Selenium	82-1	469.48	473.69	480.24	474.47	1.14	ppb
Silicon	28-1	484.62	499.37	492.94	492.31	1.50	ppb
Silver	109-1	467.28	474.59	468.29	470.05	0.84	ppb
Silver	107-1	462.78	472.94	470.68	468.80	1.14	ppb
Sodium	23-2	239429.35	243686.74	243251.69	242122.59	0.97	ppb
Strontium	86-1	476.91	479.19	484.25	480.12	0.78	ppb
Strontium	88-1	486.34	488.83	494.56	489.91	0.86	ppb
Sulfur	34-1	7897.28	7851.38	7655.53	7801.40	1.65	ppb
Terbium	159-1				110		%
Terbium	159-2				98		%
Thallium	203-1	511.24	507.20	502.30	506.91	0.88	ppb
Thallium	205-1	508.57	506.44	498.19	504.40	1.09	ppb
Tin	118-1	477.85	494.34	485.34	485.84	1.70	ppb
Titanium	47-1	2520.93	2552.50	2484.70	2519.38	1.35	ppb
Uranium	238-1	514.55	517.69	509.85	514.03	0.77	ppb
Vanadium	51-2	511.81	513.15	510.62	511.86	0.25	ppb
Yttrium	89-1				97		%
Yttrium	89-2				88		%
Zinc	66-2	1001.93	1010.16	1005.41	1005.83	0.41	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 20:14:36	DataFile Name :	065CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	493.02	500.13	501.27	498.14	0.90	ppb
Zirconium	91-1	476.11	489.34	488.92	484.79	1.55	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 20:17:48	DataFile Name :	066CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.60	2.60	1.53	1.58	63.68	ppb
Antimony	121-1	1.06	0.93	0.88	0.96	9.53	ppb
Arsenic	75-2	0.02	0.05	0.02	0.03	41.60	ppb
Barium	135-1	0.09	0.04	0.08	0.07	37.28	ppb
Barium	137-1	0.12	0.01	0.06	0.06	82.86	ppb
Beryllium	9-1	0.34	0.24	0.31	0.30	17.36	ppb
Bismuth	209-1				113		%
Bismuth	209-2				102		%
Boron	10-1	16.35	18.96	16.40	17.24	8.68	ppb
Boron	11-1	18.91	16.02	15.33	16.76	11.33	ppb
Cadmium	111-1	-0.03	-0.09	0.01	-0.04		ppb
Cadmium	106-1	-1.08	-1.71	-0.73	-1.17		ppb
Cadmium	108-1	0.03	0.06	0.04	0.04	41.15	ppb
Calcium	43-1	-2.67	0.19	0.36	-0.70		ppb
Calcium	44-1	14.82	10.60	13.59	13.00	16.66	ppb
Chromium	52-2	-0.01	0.10	0.08	0.06	101.75	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.08	0.02	0.01	0.04	104.54	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				109		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				91		%
Iron	56-2	5.72	4.46	3.55	4.57	23.86	ppb
Iron	57-2	3.65	4.67	7.65	5.33	38.97	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.02	0.02	12.66	ppb
Lead	207-1	0.02	0.02	0.02	0.02	10.71	ppb
Lead	208-1	0.02	0.02	0.03	0.02	16.02	ppb
Lithium	6-1				90		%
Magnesium	24-2	8.33	7.16	2.57	6.02	50.57	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 20:17:48	DataFile Name :	066CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.09	0.23	0.11	109.37	ppb
Molybdenum	94-1	0.95	0.75	0.89	0.86	11.61	ppb
Molybdenum	95-1	1.00	0.92	0.80	0.91	11.16	ppb
Molybdenum	96-1	0.96	0.81	0.95	0.91	9.15	ppb
Molybdenum	97-1	1.09	0.84	0.86	0.93	15.13	ppb
Molybdenum	98-1	1.02	0.91	0.87	0.93	8.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.74	-1.96	-1.36	-1.69		ppb
Phosphorus	31-2	14.38	-10.29	-10.29	-2.07		ppb
Potassium	39-2	-34.27	-16.98	-25.30	-25.52		ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				89		%
Scandium	45-2				84		%
Selenium	77-2	0.00	0.00	5.69	1.90	173.21	ppb
Selenium	78-2	-0.83	-0.83	1.96	0.10	1639.50	ppb
Selenium	82-1	0.53	0.37	0.11	0.34	62.17	ppb
Silicon	28-1	-15.91	-16.93	-9.46	-14.10		ppb
Silver	109-1	0.06	0.05	0.04	0.05	27.45	ppb
Silver	107-1	0.06	0.04	0.04	0.05	18.56	ppb
Sodium	23-2	-3.22	2.11	-12.07	-4.39		ppb
Strontium	86-1	0.00	-0.04	-0.01	-0.02		ppb
Strontium	88-1	0.02	0.02	0.02	0.02	18.35	ppb
Sulfur	34-1	-2691.71	-2711.54	-1490.00	-2297.75		ppb
Terbium	159-1				110		%
Terbium	159-2				99		%
Thallium	203-1	0.16	0.10	0.10	0.12	28.42	ppb
Thallium	205-1	0.12	0.10	0.12	0.11	10.05	ppb
Tin	118-1	0.28	0.25	0.26	0.27	5.43	ppb
Titanium	47-1	0.16	0.00	0.18	0.11	88.29	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	39.61	ppb
Vanadium	51-2	0.01	-0.02	0.03	0.01	244.85	ppb
Yttrium	89-1				96		%
Yttrium	89-2				89		%
Zinc	66-2	0.53	0.28	0.66	0.49	39.62	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 20:17:48	DataFile Name :	066CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.14	0.14	0.13	0.14	4.92	ppb
Zirconium	91-1	0.15	0.13	0.11	0.13	15.24	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-17DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0261DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 20:21:10	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.05	4.28	3.08	3.47	20.24	ppb
Antimony	121-1	0.72	0.73	0.67	0.71	4.93	ppb
Arsenic	75-2	0.15	0.32	0.29	0.25	35.64	ppb
Barium	135-1	0.97	1.07	0.91	0.98	8.48	ppb
Barium	137-1	1.04	1.09	1.18	1.10	6.51	ppb
Beryllium	9-1	0.22	0.14	0.14	0.17	27.57	ppb
Bismuth	209-1				113		%
Bismuth	209-2				99		%
Boron	10-1	15.30	21.09	18.48	18.29	15.85	ppb
Boron	11-1	16.01	16.03	16.85	16.30	2.94	ppb
Cadmium	111-1	-0.06	-0.10	-0.10	-0.09		ppb
Cadmium	106-1	-1.53	-2.33	-2.10	-1.99		ppb
Cadmium	108-1	0.17	0.03	0.21	0.14	67.74	ppb
Calcium	43-1	4805.77	4858.78	4882.24	4848.93	0.81	ppb
Calcium	44-1	4941.18	4982.18	5064.41	4995.93	1.26	ppb
Chromium	52-2	0.33	0.48	0.17	0.33	47.40	ppb
Cobalt	59-2	0.02	0.00	-0.01	0.00	380.77	ppb
Copper	63-2	0.92	0.87	1.01	0.93	7.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				87		%
Iron	56-2	49.00	50.04	47.77	48.94	2.32	ppb
Iron	57-2	48.96	52.34	45.84	49.04	6.63	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.04	0.03	17.96	ppb
Lead	207-1	0.03	0.03	0.04	0.03	7.36	ppb
Lead	208-1	0.03	0.04	0.05	0.04	15.67	ppb
Lithium	6-1				88		%
Magnesium	24-2	1197.76	1220.57	1148.85	1189.06	3.08	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-17DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0261DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 20:21:10	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	15.26	14.57	15.13	14.99	2.46	ppb
Molybdenum	94-1	0.58	0.65	0.58	0.60	7.08	ppb
Molybdenum	95-1	0.25	0.23	0.22	0.23	6.35	ppb
Molybdenum	96-1	0.29	0.28	0.25	0.27	8.58	ppb
Molybdenum	97-1	0.22	0.26	0.14	0.21	29.57	ppb
Molybdenum	98-1	0.25	0.23	0.24	0.24	4.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.43	0.08	0.07	0.19	107.44	ppb
Phosphorus	31-2	-10.29	43.91	16.40	16.67	162.52	ppb
Potassium	39-2	379.34	444.04	426.20	416.53	8.02	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				87		%
Scandium	45-2				77		%
Selenium	77-2	0.00	6.08	0.00	2.03	173.21	ppb
Selenium	78-2	0.15	-0.83	-0.83	-0.50		ppb
Selenium	82-1	-0.29	0.55	0.02	0.09	459.35	ppb
Silicon	28-1	1257.66	1284.80	1281.16	1274.54	1.16	ppb
Silver	109-1	0.10	0.11	0.11	0.10	6.60	ppb
Silver	107-1	0.09	0.10	0.11	0.10	9.83	ppb
Sodium	23-2	1567.88	1586.63	1574.73	1576.41	0.60	ppb
Strontium	86-1	40.53	40.12	40.30	40.32	0.51	ppb
Strontium	88-1	40.75	40.99	40.59	40.78	0.50	ppb
Sulfur	34-1	-6.52	-9.17	-8.01	-7.90		ppb
Terbium	159-1				109		%
Terbium	159-2				96		%
Thallium	203-1	0.10	0.11	0.08	0.09	18.08	ppb
Thallium	205-1	0.12	0.09	0.07	0.09	24.23	ppb
Tin	118-1	0.38	0.40	0.41	0.40	4.29	ppb
Titanium	47-1	0.19	0.18	0.20	0.19	4.07	ppb
Uranium	238-1	1.05	1.04	1.03	1.04	0.69	ppb
Vanadium	51-2	0.02	0.07	0.04	0.04	65.13	ppb
Yttrium	89-1				95		%
Yttrium	89-2				84		%
Zinc	66-2	7.59	7.83	7.51	7.64	2.21	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-17DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0261DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 20:21:10	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.26	0.24	0.21	0.24	11.14	ppb
Zirconium	91-1	0.27	0.29	0.21	0.26	16.12	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 20:24:32	DataFile Name :	068CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48932.05	49422.45	48489.18	48947.89	0.95	ppb
Antimony	121-1	461.52	461.16	474.94	465.87	1.69	ppb
Arsenic	75-2	500.21	499.06	500.28	499.85	0.14	ppb
Barium	135-1	2426.70	2388.50	2438.97	2418.06	1.09	ppb
Barium	137-1	2396.66	2344.08	2424.43	2388.39	1.71	ppb
Beryllium	9-1	547.63	535.59	546.44	543.22	1.22	ppb
Bismuth	209-1				110		%
Bismuth	209-2				96		%
Boron	10-1	544.95	550.77	571.76	555.83	2.54	ppb
Boron	11-1	521.72	536.37	562.77	540.29	3.85	ppb
Cadmium	111-1	450.07	449.42	457.85	452.45	1.04	ppb
Cadmium	106-1	448.99	453.42	465.08	455.83	1.82	ppb
Cadmium	108-1	458.35	450.80	452.32	453.83	0.88	ppb
Calcium	43-1	220302.03	225484.93	222518.19	222768.38	1.17	ppb
Calcium	44-1	219636.96	223970.31	219875.45	221160.91	1.10	ppb
Chromium	52-2	528.76	526.24	519.34	524.78	0.93	ppb
Cobalt	59-2	522.88	521.25	513.42	519.18	0.97	ppb
Copper	63-2	1023.73	1021.81	1008.35	1017.96	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				87		%
Iron	56-2	127607.82	127930.57	125692.28	127076.89	0.95	ppb
Iron	57-2	124493.45	124467.63	122436.89	123799.33	0.95	ppb
Krypton	83-1						cps
Lead	206-1	506.16	501.59	500.63	502.79	0.59	ppb
Lead	207-1	500.04	506.67	502.12	502.94	0.67	ppb
Lead	208-1	504.72	501.78	501.67	502.72	0.34	ppb
Lithium	6-1				91		%
Magnesium	24-2	237927.44	239324.30	233912.95	237054.90	1.19	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 20:24:32	DataFile Name :	068CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1005.87	1017.66	983.97	1002.50	1.71	ppb
Molybdenum	94-1	2482.27	2467.69	2473.49	2474.48	0.30	ppb
Molybdenum	95-1	2496.66	2497.08	2480.48	2491.41	0.38	ppb
Molybdenum	96-1	2524.69	2464.82	2466.74	2485.42	1.37	ppb
Molybdenum	97-1	2497.06	2491.41	2507.42	2498.63	0.32	ppb
Molybdenum	98-1	2485.24	2467.06	2492.96	2481.75	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.27	519.61	513.26	518.71	0.98	ppb
Phosphorus	31-2	10904.02	9610.45	10117.46	10210.64	6.38	ppb
Potassium	39-2	121492.87	122325.85	119580.15	121132.96	1.16	ppb
Rhodium	103-1				94		%
Rhodium	103-2				88		%
Scandium	45-1				90		%
Scandium	45-2				81		%
Selenium	77-2	524.27	511.00	555.85	530.37	4.34	ppb
Selenium	78-2	474.93	490.27	506.16	490.46	3.18	ppb
Selenium	82-1	476.41	474.77	468.42	473.20	0.89	ppb
Silicon	28-1	485.42	503.85	497.42	495.56	1.89	ppb
Silver	109-1	461.67	457.15	468.96	462.59	1.29	ppb
Silver	107-1	462.80	463.35	469.62	465.26	0.81	ppb
Sodium	23-2	244125.75	243549.83	239340.69	242338.76	1.08	ppb
Strontium	86-1	479.71	482.38	475.98	479.35	0.67	ppb
Strontium	88-1	493.25	491.16	488.07	490.83	0.53	ppb
Sulfur	34-1	7312.30	7804.53	7192.78	7436.54	4.36	ppb
Terbium	159-1				111		%
Terbium	159-2				97		%
Thallium	203-1	505.21	499.04	502.78	502.34	0.62	ppb
Thallium	205-1	504.52	498.83	504.02	502.45	0.63	ppb
Tin	118-1	476.40	467.35	483.08	475.61	1.66	ppb
Titanium	47-1	2488.86	2519.25	2469.79	2492.63	1.00	ppb
Uranium	238-1	514.74	508.99	509.00	510.91	0.65	ppb
Vanadium	51-2	514.99	516.04	506.40	512.48	1.03	ppb
Yttrium	89-1				97		%
Yttrium	89-2				86		%
Zinc	66-2	1012.17	1017.32	1008.32	1012.60	0.45	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 20:24:32	DataFile Name :	068CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	498.25	498.95	496.85	498.02	0.21	ppb
Zirconium	91-1	485.65	483.65	483.25	484.18	0.27	ppb

LB Number : LB98004 Operator : Jaswal
 Lab Sample ID : CCB44 Instrumnet Name : P8
 Client Sample ID : CCB44 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-17 20:27:44 DataFile Name : 069CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.36	4.17	-1.40	0.80	368.33	ppb
Antimony	121-1	1.45	1.07	0.98	1.17	21.49	ppb
Arsenic	75-2	0.07	-0.04	0.07	0.03	196.09	ppb
Barium	135-1	0.12	0.10	0.07	0.10	23.68	ppb
Barium	137-1	0.17	0.13	0.07	0.12	38.80	ppb
Beryllium	9-1	0.55	0.24	0.36	0.38	40.56	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	23.07	22.43	18.30	21.26	12.18	ppb
Boron	11-1	23.58	18.38	17.44	19.80	16.72	ppb
Cadmium	111-1	0.03	-0.16	-0.08	-0.07		ppb
Cadmium	106-1	-0.98	-3.24	-2.16	-2.13		ppb
Cadmium	108-1	0.28	0.14	0.10	0.17	54.45	ppb
Calcium	43-1	8.44	1.25	3.15	4.28	87.16	ppb
Calcium	44-1	25.56	14.45	10.56	16.85	46.19	ppb
Chromium	52-2	0.27	0.03	0.11	0.14	88.43	ppb
Cobalt	59-2	0.02	0.00	-0.03	0.00		ppb
Copper	63-2	0.03	-0.02	0.03	0.01	243.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	6.22	5.05	4.45	5.24	17.20	ppb
Iron	57-2	3.30	5.79	5.95	5.01	29.70	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.04	0.05	0.05	24.33	ppb
Lead	207-1	0.06	0.04	0.03	0.04	35.49	ppb
Lead	208-1	0.06	0.04	0.04	0.05	17.26	ppb
Lithium	6-1				88		%
Magnesium	24-2	11.01	8.39	7.93	9.11	18.22	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 20:27:44	DataFile Name :	069CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.00	-0.09	-0.01		ppb
Molybdenum	94-1	1.36	0.95	0.93	1.08	22.15	ppb
Molybdenum	95-1	1.42	0.97	0.83	1.08	28.68	ppb
Molybdenum	96-1	1.35	0.89	0.91	1.05	24.83	ppb
Molybdenum	97-1	1.31	0.97	0.78	1.02	26.41	ppb
Molybdenum	98-1	1.38	1.00	0.89	1.09	23.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.29	-1.41	-0.87	-1.19		ppb
Phosphorus	31-2	-10.29	-10.29	65.17	14.86	293.09	ppb
Potassium	39-2	-10.83	-10.63	-9.43	-10.30		ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				87		%
Scandium	45-2				82		%
Selenium	77-2	0.00	0.00	5.77	1.92	173.21	ppb
Selenium	78-2	0.10	-0.83	0.11	-0.21		ppb
Selenium	82-1	1.22	1.72	0.57	1.17	49.45	ppb
Silicon	28-1	-3.47	-13.51	-15.76	-10.91		ppb
Silver	109-1	0.07	0.07	0.07	0.07	6.82	ppb
Silver	107-1	0.08	0.05	0.03	0.05	40.55	ppb
Sodium	23-2	8.27	-2.93	-3.16	0.73	896.92	ppb
Strontium	86-1	0.08	-0.03	-0.02	0.01	635.42	ppb
Strontium	88-1	0.04	0.03	0.02	0.03	44.54	ppb
Sulfur	34-1	-678.75	-2038.81	-2337.18	-1684.92		ppb
Terbium	159-1				105		%
Terbium	159-2				98		%
Thallium	203-1	0.17	0.14	0.15	0.15	10.06	ppb
Thallium	205-1	0.18	0.15	0.14	0.16	13.66	ppb
Tin	118-1	0.43	0.30	0.26	0.33	27.67	ppb
Titanium	47-1	0.13	0.11	0.14	0.13	11.46	ppb
Uranium	238-1	0.05	0.02	0.02	0.03	53.62	ppb
Vanadium	51-2	0.01	0.01	-0.02	0.00		ppb
Yttrium	89-1				92		%
Yttrium	89-2				89		%
Zinc	66-2	0.40	0.32	0.52	0.41	25.18	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 20:27:44	DataFile Name :	069CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.23	0.17	0.18	0.19	16.07	ppb
Zirconium	91-1	0.20	0.13	0.15	0.16	20.26	ppb

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 16:42:15	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	28	3	18	75.60	cps
Antimony	121-1	75	67	58	67	12.49	cps
Arsenic	75-2	9	6	9	8	26.61	cps
Barium	135-1	83	42	42	56	43.30	cps
Barium	137-1	42	58	92	64	39.85	cps
Beryllium	9-1	56	106	61	74	37.00	cps
Bismuth	209-1	6527547	6630987	6488208	6548914	1.13	cps
Bismuth	209-2	1970997	2009786	1954716	1978500	1.43	cps
Boron	10-1	175	150	50	125	52.92	cps
Boron	11-1	792	633	675	700	11.73	cps
Cadmium	111-1	1188	1236	1094	1173	6.16	cps
Cadmium	106-1	1659	1759	1533	1650	6.83	cps
Cadmium	108-1	8	4	0	4	99.96	cps
Calcium	43-1	600	500	550	550	9.09	cps
Calcium	44-1	13357	13632	13549	13513	1.04	cps
Chromium	52-2	597	563	623	594	5.06	cps
Cobalt	59-2	90	90	60	80	21.65	cps
Copper	63-2	1010	1060	947	1006	5.65	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	50	42	50	47	10.18	cps
Erbium	164-2	17	10	7	11	45.82	cps
Gadolinium	160-1	58	83	75	72	17.62	cps
Gadolinium	160-2	13	13	13	13	0.00	cps
Holmium	165-1	9609592	9754080	9501323	9621665	1.32	cps
Holmium	165-2	2321491	2348091	2312286	2327290	0.80	cps
Indium	115-1	7719040	7767587	7777214	7754614	0.40	cps
Indium	115-2	368356	374049	370195	370867	0.78	cps
Iron	56-2	1506	1506	1345	1452	6.41	cps
Iron	57-2	50	56	56	54	5.98	cps
Krypton	83-1	390	347	377	371	5.98	cps
Lead	206-1	250	267	283	267	6.25	cps
Lead	207-1	267	233	261	254	7.04	cps
Lead	208-1	1072	933	1022	1009	6.97	cps
Lithium	6-1	813057	825537	817225	818606	0.78	cps
Magnesium	24-2	200	333	292	275	24.80	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 16:42:15	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80	77	60	72	14.84	cps
Molybdenum	94-1	292	275	342	303	11.46	cps
Molybdenum	95-1	217	133	200	183	24.05	cps
Molybdenum	96-1	300	325	242	289	14.80	cps
Molybdenum	97-1	208	217	275	233	15.57	cps
Molybdenum	98-1	292	342	225	286	20.46	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	2200	2360	2347	2302	3.86	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	3351	2975	3284	3203	6.25	cps
Rhodium	103-1	7250143	7344487	7266079	7286903	0.69	cps
Rhodium	103-2	2159411	2199815	2170247	2176491	0.96	cps
Scandium	45-1	4373485	4449686	4390193	4404455	0.91	cps
Scandium	45-2	39445	40776	40017	40079	1.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-22	-26	-50	-32	-45.93	cps
Silicon	28-1	266484	269078	267080	267547	0.51	cps
Silver	109-1	33	25	42	33	25.01	cps
Silver	107-1	67	33	75	58	37.80	cps
Sodium	23-2	7944	7719	7577	7747	2.39	cps
Strontium	86-1	583	542	483	536	9.37	cps
Strontium	88-1	83	175	108	122	38.77	cps
Sulfur	34-1	310551	315687	313539	313259	0.82	cps
Terbium	159-1	9789671	10021505	9785505	9865561	1.37	cps
Terbium	159-2	2229686	2250560	2255844	2245363	0.62	cps
Thallium	203-1	108	83	133	108	23.08	cps
Thallium	205-1	300	342	275	306	11.02	cps
Tin	118-1	367	742	625	578	33.22	cps
Titanium	47-1	67	142	150	119	38.42	cps
Uranium	238-1	167	183	192	181	7.05	cps
Vanadium	51-2	17	10	10	12	31.50	cps
Yttrium	89-1	7944143	8037306	7947983	7976477	0.66	cps
Yttrium	89-2	274662	279867	277259	277263	0.94	cps
Zinc	66-2	93	113	117	108	11.71	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 16:42:15	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	625	642	700	656	6.01	cps
Zirconium	91-1	125	192	183	167	21.79	cps

LB Number : LB98004 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-17 16:49:51 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	153	120	145	139	12.23	cps
Antimony	121-1	13808	14675	14659	14381	3.45	cps
Arsenic	75-2	102	128	130	120	12.97	cps
Barium	135-1	14892	15184	14917	14998	1.08	cps
Barium	137-1	25768	26544	25517	25943	2.06	cps
Beryllium	9-1	917	856	967	913	6.10	cps
Bismuth	209-1	6248871	6194093	5763837	6068933	4.38	cps
Bismuth	209-2	1995651	1976173	1940844	1970889	1.41	cps
Boron	10-1	2125	2025	2300	2150	6.47	cps
Boron	11-1	11272	10971	11613	11285	2.85	cps
Cadmium	111-1	3153	2842	2618	2871	9.37	cps
Cadmium	106-1	2217	1892	1742	1950	12.45	cps
Cadmium	108-1	129	142	92	121	21.53	cps
Calcium	43-1	7819	8386	8261	8155	3.65	cps
Calcium	44-1	136878	136913	136189	136660	0.30	cps
Chromium	52-2	2264	2174	2047	2161	5.04	cps
Cobalt	59-2	1787	1810	1783	1793	0.81	cps
Copper	63-2	3801	3851	3617	3756	3.27	cps
Dysprosium	156-1	42	17	25	28	45.82	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	33	75	50	44.10	cps
Erbium	164-2	3	0	13	6	124.93	cps
Gadolinium	160-1	42	50	92	61	43.83	cps
Gadolinium	160-2	20	10	3	11	75.52	cps
Holmium	165-1	9307265	9352158	8653928	9104450	4.29	cps
Holmium	165-2	2317816	2284943	2301396	2301385	0.71	cps
Indium	115-1	7461146	7290459	6822046	7191217	4.60	cps
Indium	115-2	379066	380970	377698	379245	0.43	cps
Iron	56-2	26721	27923	27600	27414	2.27	cps
Iron	57-2	656	622	650	643	2.78	cps
Krypton	83-1	343	373	337	351	5.56	cps
Lead	206-1	5196	4684	5046	4975	5.28	cps
Lead	207-1	4873	4406	4607	4629	5.06	cps
Lead	208-1	21069	20163	20429	20553	2.27	cps
Lithium	6-1	795547	795840	746889	779425	3.62	cps
Magnesium	24-2	13540	13090	13490	13373	1.85	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 16:49:51	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	297	317	317	310	3.72	cps
Molybdenum	94-1	11297	11897	12173	11789	3.80	cps
Molybdenum	95-1	14200	15009	15176	14795	3.53	cps
Molybdenum	96-1	16878	16786	17103	16922	0.97	cps
Molybdenum	97-1	8937	9195	9395	9176	2.51	cps
Molybdenum	98-1	24239	24072	23555	23955	1.49	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2654	2627	2647	2643	0.53	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	10805	10713	10846	10788	0.63	cps
Rhodium	103-1	7098301	6927873	6486835	6837669	4.61	cps
Rhodium	103-2	2125242	2146171	2124948	2132121	0.57	cps
Scandium	45-1	4335444	4284163	3940699	4186769	5.13	cps
Scandium	45-2	40191	40609	40943	40581	0.93	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	13	7	9	10	28.61	cps
Selenium	82-1	547	469	516	511	7.72	cps
Silicon	28-1	310507	309543	316329	312126	1.18	cps
Silver	109-1	7219	7569	7486	7425	2.46	cps
Silver	107-1	7969	7969	7502	7814	3.45	cps
Sodium	23-2	39138	37659	38603	38467	1.95	cps
Strontium	86-1	2442	2400	2292	2378	3.26	cps
Strontium	88-1	16018	16361	16669	16349	1.99	cps
Sulfur	34-1	309925	311194	311113	310744	0.23	cps
Terbium	159-1	9650954	9550127	8977319	9392800	3.87	cps
Terbium	159-2	2225751	2216330	2194882	2212321	0.72	cps
Thallium	203-1	5610	6344	5943	5966	6.16	cps
Thallium	205-1	12966	13758	14551	13758	5.76	cps
Tin	118-1	24014	23997	24699	24237	1.65	cps
Titanium	47-1	3842	3726	3809	3792	1.59	cps
Uranium	238-1	19842	18823	19591	19419	2.73	cps
Vanadium	51-2	2610	2724	2854	2729	4.46	cps
Yttrium	89-1	7723024	7670776	7159926	7517909	4.14	cps
Yttrium	89-2	283093	285619	282195	283635	0.63	cps
Zinc	66-2	437	407	417	420	3.64	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 16:49:51	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10229	9971	9879	10026	1.81	cps
Zirconium	91-1	2050	2350	2392	2264	8.23	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 16:53:36	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6010	5895	5775	5894	2.00	cps
Antimony	121-1	355150	357449	358551	357050	0.49	cps
Arsenic	75-2	4956	4814	5055	4942	2.45	cps
Barium	135-1	376219	376737	380350	377769	0.60	cps
Barium	137-1	665409	658531	665182	663041	0.59	cps
Beryllium	9-1	40741	41633	41627	41334	1.24	cps
Bismuth	209-1	6577162	6232509	6270400	6360024	2.97	cps
Bismuth	209-2	1953827	1954885	1968429	1959047	0.42	cps
Boron	10-1	4384	4718	4918	4673	5.77	cps
Boron	11-1	22836	22886	23837	23186	2.43	cps
Cadmium	111-1	81908	80277	81825	81337	1.13	cps
Cadmium	106-1	10805	9829	10638	10424	5.01	cps
Cadmium	108-1	5443	5989	5910	5781	5.10	cps
Calcium	43-1	77556	78772	79023	78450	1.00	cps
Calcium	44-1	1287949	1300118	1297218	1295095	0.49	cps
Chromium	52-2	40107	40398	40495	40334	0.50	cps
Cobalt	59-2	80504	80749	80548	80600	0.16	cps
Copper	63-2	140573	140804	140343	140573	0.16	cps
Dysprosium	156-1	17	17	42	25	57.73	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	67	0	39	89.22	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	67	92	75	78	16.37	cps
Gadolinium	160-2	17	7	10	11	45.82	cps
Holmium	165-1	9620994	9266108	9269606	9385570	2.17	cps
Holmium	165-2	2302598	2279461	2304554	2295538	0.61	cps
Indium	115-1	7616273	7339595	7368004	7441291	2.05	cps
Indium	115-2	374251	374754	376608	375204	0.33	cps
Iron	56-2	1285402	1285339	1281984	1284241	0.15	cps
Iron	57-2	33062	32929	32706	32899	0.55	cps
Krypton	83-1	333	410	353	366	10.88	cps
Lead	206-1	233912	232805	232112	232943	0.39	cps
Lead	207-1	212648	211796	212799	212415	0.25	cps
Lead	208-1	953596	948121	953030	951583	0.32	cps
Lithium	6-1	816676	803414	805132	808408	0.89	cps
Magnesium	24-2	138174	138166	136855	137732	0.55	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 16:53:36	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	22218	22051	21867	22045	0.80	cps
Molybdenum	94-1	604459	604648	600810	603306	0.36	cps
Molybdenum	95-1	748278	745205	739286	744256	0.61	cps
Molybdenum	96-1	825899	834262	829920	830027	0.50	cps
Molybdenum	97-1	461750	464200	465675	463875	0.43	cps
Molybdenum	98-1	1189359	1191226	1194519	1191701	0.22	cps
Neodymium	150-1	7	40	7	18	108.23	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	26602	26602	26556	26587	0.10	cps
Phosphorus	31-2	417	450	500	456	9.21	cps
Potassium	39-2	41980	41337	41680	41666	0.77	cps
Rhodium	103-1	7158746	6950947	6986659	7032117	1.58	cps
Rhodium	103-2	2114041	2100424	2117308	2110591	0.42	cps
Scandium	45-1	4400173	4275172	4302255	4325867	1.52	cps
Scandium	45-2	40111	39790	40134	40012	0.48	cps
Selenium	77-2	27	47	30	34	31.11	cps
Selenium	78-2	117	85	111	104	16.11	cps
Selenium	82-1	4934	5059	4980	4991	1.26	cps
Silicon	28-1	442761	444150	445740	444217	0.34	cps
Silver	109-1	382201	380540	383976	382239	0.45	cps
Silver	107-1	403582	402025	403434	403014	0.21	cps
Sodium	23-2	317308	312157	314353	314606	0.82	cps
Strontium	86-1	93687	93973	95499	94386	1.03	cps
Strontium	88-1	817811	823392	825772	822325	0.50	cps
Sulfur	34-1	334688	334678	337810	335725	0.54	cps
Terbium	159-1	9932689	9673543	9702177	9769470	1.45	cps
Terbium	159-2	2187916	2194217	2206138	2196090	0.42	cps
Thallium	203-1	288989	287054	288901	288315	0.38	cps
Thallium	205-1	691474	685715	689579	688923	0.43	cps
Tin	118-1	242099	239997	242073	241390	0.50	cps
Titanium	47-1	185953	189336	189726	188339	1.10	cps
Uranium	238-1	909235	900285	900301	903274	0.57	cps
Vanadium	51-2	28018	28296	27146	27820	2.16	cps
Yttrium	89-1	7903493	7703707	7778147	7795116	1.30	cps
Yttrium	89-2	279811	278365	281143	279773	0.50	cps
Zinc	66-2	13510	13493	13573	13526	0.31	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 16:53:36	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	495930	496057	498814	496934	0.33	cps
Zirconium	91-1	108750	111798	112697	111082	1.86	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 16:57:21	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14486	14444	14133	14354	1.34	cps
Antimony	121-1	909085	915795	902802	909228	0.71	cps
Arsenic	75-2	12055	11966	12079	12034	0.49	cps
Barium	135-1	966336	955830	951233	957799	0.81	cps
Barium	137-1	1715060	1671898	1683319	1690092	1.32	cps
Beryllium	9-1	103811	103655	101769	103078	1.10	cps
Bismuth	209-1	6146094	6291678	6526157	6321310	3.03	cps
Bismuth	209-2	1960420	1705979	1986052	1884150	8.22	cps
Boron	10-1	11188	12047	11722	11652	3.72	cps
Boron	11-1	55885	57977	58495	57452	2.41	cps
Cadmium	111-1	202913	203974	199378	202088	1.19	cps
Cadmium	106-1	22611	22695	21919	22408	1.90	cps
Cadmium	108-1	14233	14304	14429	14322	0.69	cps
Calcium	43-1	193289	193828	192080	193066	0.46	cps
Calcium	44-1	3191366	3178927	3180403	3183565	0.21	cps
Chromium	52-2	95362	95721	94550	95211	0.63	cps
Cobalt	59-2	197998	197731	195659	197129	0.65	cps
Copper	63-2	336882	340367	340860	339370	0.64	cps
Dysprosium	156-1	17	8	42	22	78.07	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	50	67	33	50	33.34	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	67	58	67	64	7.53	cps
Gadolinium	160-2	17	13	10	13	25.01	cps
Holmium	165-1	9109168	9434320	9714569	9419353	3.22	cps
Holmium	165-2	2279745	2043804	2316181	2213243	6.68	cps
Indium	115-1	7157440	7260018	7515262	7310907	2.52	cps
Indium	115-2	372156	332234	376184	360191	6.75	cps
Iron	56-2	3146314	3183546	3181624	3170494	0.66	cps
Iron	57-2	79185	77945	78537	78556	0.79	cps
Krypton	83-1	417	283	363	354	18.93	cps
Lead	206-1	582864	587171	585926	585320	0.38	cps
Lead	207-1	533233	536006	529430	532890	0.62	cps
Lead	208-1	2396765	2399564	2388855	2395061	0.23	cps
Lithium	6-1	795416	815755	836648	815939	2.53	cps
Magnesium	24-2	331721	334825	329555	332034	0.80	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 16:57:21	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53412	55266	53737	54138	1.83	cps
Molybdenum	94-1	1553506	1520835	1516491	1530277	1.32	cps
Molybdenum	95-1	1910148	1917051	1872601	1899934	1.26	cps
Molybdenum	96-1	2134665	2120706	2057137	2104169	1.96	cps
Molybdenum	97-1	1166476	1146741	1137547	1150254	1.29	cps
Molybdenum	98-1	2989922	3001814	3025332	3005690	0.60	cps
Neodymium	150-1	47	40	47	44	8.66	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	61107	60511	61050	60889	0.54	cps
Phosphorus	31-2	1092	1083	1250	1142	8.23	cps
Potassium	39-2	94794	96865	94826	95495	1.24	cps
Rhodium	103-1	6673506	6928538	7068641	6890229	2.91	cps
Rhodium	103-2	2107089	1869089	2146508	2040895	7.35	cps
Scandium	45-1	4128222	4288291	4424499	4280337	3.46	cps
Scandium	45-2	40508	35068	40856	38811	8.36	cps
Selenium	77-2	103	113	97	104	8.03	cps
Selenium	78-2	272	320	280	291	8.92	cps
Selenium	82-1	12199	12578	12422	12400	1.54	cps
Silicon	28-1	702241	711983	710541	708255	0.74	cps
Silver	109-1	959150	956614	943061	952942	0.91	cps
Silver	107-1	1002178	1006705	995341	1001408	0.57	cps
Sodium	23-2	766280	764551	756951	762594	0.65	cps
Strontium	86-1	235836	237407	232627	235290	1.04	cps
Strontium	88-1	2113125	2100955	2067115	2093732	1.14	cps
Sulfur	34-1	365859	372726	367855	368813	0.96	cps
Terbium	159-1	9367801	9748977	9952826	9689868	3.06	cps
Terbium	159-2	2212835	1969394	2252375	2144868	7.14	cps
Thallium	203-1	733466	739917	725427	732937	0.99	cps
Thallium	205-1	1791712	1805776	1767481	1788323	1.08	cps
Tin	118-1	609873	611334	600644	607284	0.95	cps
Titanium	47-1	474633	476426	472632	474564	0.40	cps
Uranium	238-1	2338051	2358062	2340018	2345377	0.47	cps
Vanadium	51-2	69186	68865	68966	69006	0.24	cps
Yttrium	89-1	7510068	7733763	7834843	7692891	2.16	cps
Yttrium	89-2	278794	247503	282050	269449	7.08	cps
Zinc	66-2	32842	33317	32712	32957	0.97	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 16:57:21	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1274364	1275253	1244203	1264607	1.40	cps
Zirconium	91-1	287532	285371	279556	284153	1.45	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:00:59	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27616	27634	27285	27512	0.71	cps
Antimony	121-1	1865644	1871373	1823793	1853603	1.40	cps
Arsenic	75-2	23429	23383	23229	23347	0.45	cps
Barium	135-1	1964458	1954040	1939300	1952599	0.65	cps
Barium	137-1	3349080	3372581	3379577	3367079	0.47	cps
Beryllium	9-1	206742	204449	203801	204997	0.75	cps
Bismuth	209-1	6018302	6373257	6548441	6313333	4.28	cps
Bismuth	209-2	1941744	1924218	1948291	1938085	0.64	cps
Boron	10-1	22385	23261	23896	23181	3.27	cps
Boron	11-1	114983	115445	116866	115764	0.85	cps
Cadmium	111-1	401631	401562	400642	401278	0.14	cps
Cadmium	106-1	42368	42543	42803	42571	0.51	cps
Cadmium	108-1	29228	28347	28543	28706	1.61	cps
Calcium	43-1	382313	382749	377482	380848	0.77	cps
Calcium	44-1	6246222	6218940	6182609	6215923	0.51	cps
Chromium	52-2	180159	179731	176926	178939	0.98	cps
Cobalt	59-2	384299	386030	380731	383686	0.70	cps
Copper	63-2	656968	664601	654378	658649	0.81	cps
Dysprosium	156-1	17	67	58	47	56.72	cps
Dysprosium	156-2	0	13	7	7	99.98	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	10	0	3	4	114.60	cps
Gadolinium	160-1	100	75	75	83	17.33	cps
Gadolinium	160-2	13	7	20	13	49.99	cps
Holmium	165-1	8758450	9454585	9590073	9267703	4.81	cps
Holmium	165-2	2312421	2289312	2272723	2291485	0.87	cps
Indium	115-1	6888481	7359072	7410371	7219308	3.98	cps
Indium	115-2	364240	365590	358520	362783	1.03	cps
Iron	56-2	6038696	6035287	6065729	6046571	0.28	cps
Iron	57-2	155181	152890	149834	152635	1.76	cps
Krypton	83-1	350	323	327	333	4.36	cps
Lead	206-1	1196159	1195708	1209831	1200566	0.67	cps
Lead	207-1	1091782	1081101	1099897	1090927	0.86	cps
Lead	208-1	4971784	4960790	4992275	4974949	0.32	cps
Lithium	6-1	781003	831997	843035	818679	4.04	cps
Magnesium	24-2	644277	644562	640051	642963	0.39	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:00:59	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	104863	105511	104000	104792	0.72	cps
Molybdenum	94-1	3041637	3072317	3071807	3061920	0.57	cps
Molybdenum	95-1	3800416	3775226	3754614	3776752	0.61	cps
Molybdenum	96-1	4192994	4146271	4161328	4166864	0.57	cps
Molybdenum	97-1	2378991	2388874	2382026	2383297	0.21	cps
Molybdenum	98-1	5975143	5920025	5913060	5936076	0.57	cps
Neodymium	150-1	67	60	73	67	10.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	115006	115450	115077	115178	0.21	cps
Phosphorus	31-2	1842	2434	2117	2131	13.90	cps
Potassium	39-2	181717	179986	177606	179770	1.15	cps
Rhodium	103-1	6400530	6835679	7020537	6752249	4.71	cps
Rhodium	103-2	2076947	2060400	2034030	2057126	1.05	cps
Scandium	45-1	3960906	4186769	4281846	4143173	3.98	cps
Scandium	45-2	38743	37841	38690	38425	1.32	cps
Selenium	77-2	143	183	120	149	21.51	cps
Selenium	78-2	583	535	507	542	7.09	cps
Selenium	82-1	24718	24874	24335	24642	1.13	cps
Silicon	28-1	1101161	1103340	1113087	1105863	0.57	cps
Silver	109-1	1938695	1928943	1915672	1927770	0.60	cps
Silver	107-1	2037895	2031178	2036760	2035277	0.18	cps
Sodium	23-2	1492308	1503094	1481277	1492226	0.73	cps
Strontium	86-1	467793	463390	463827	465003	0.52	cps
Strontium	88-1	4098919	4114344	4071224	4094829	0.53	cps
Sulfur	34-1	420237	416923	418055	418405	0.40	cps
Terbium	159-1	9060993	9705887	9845305	9537395	4.39	cps
Terbium	159-2	2223988	2185484	2162704	2190725	1.41	cps
Thallium	203-1	1493582	1492019	1496768	1494123	0.16	cps
Thallium	205-1	3598444	3582440	3621371	3600752	0.54	cps
Tin	118-1	1229383	1230146	1221977	1227169	0.37	cps
Titanium	47-1	944985	934586	930441	936671	0.80	cps
Uranium	238-1	4768764	4790178	4825614	4794852	0.60	cps
Vanadium	51-2	132411	133263	131568	132414	0.64	cps
Yttrium	89-1	7152391	7616078	7758704	7509058	4.22	cps
Yttrium	89-2	271554	271365	269467	270795	0.43	cps
Zinc	66-2	63893	64278	62473	63548	1.50	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:00:59	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2600735	2588959	2552300	2580665	0.98	cps
Zirconium	91-1	564026	560733	561566	562108	0.30	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:04:32	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53340	52575	51942	52619	1.33	cps
Antimony	121-1	3734678	3680734	3727310	3714241	0.79	cps
Arsenic	75-2	44438	44144	44079	44220	0.43	cps
Barium	135-1	3897292	3954422	3943484	3931733	0.77	cps
Barium	137-1	6702167	6763372	6742648	6736062	0.46	cps
Beryllium	9-1	408554	411294	412744	410864	0.52	cps
Bismuth	209-1	6779651	6669866	6670117	6706544	0.94	cps
Bismuth	209-2	1908102	1917104	1902481	1909229	0.39	cps
Boron	10-1	47864	46911	47571	47449	1.03	cps
Boron	11-1	227351	231406	237281	232013	2.15	cps
Cadmium	111-1	799977	800782	799058	799939	0.11	cps
Cadmium	106-1	83450	84935	83575	83987	0.98	cps
Cadmium	108-1	57246	56899	56480	56875	0.67	cps
Calcium	43-1	745516	749656	743891	746354	0.40	cps
Calcium	44-1	12165466	12117371	12117321	12133386	0.23	cps
Chromium	52-2	342814	340956	340319	341363	0.38	cps
Cobalt	59-2	729666	727740	727511	728306	0.16	cps
Copper	63-2	1262104	1260106	1256697	1259635	0.22	cps
Dysprosium	156-1	58	75	92	75	22.22	cps
Dysprosium	156-2	10	7	13	10	33.30	cps
Erbium	164-1	33	50	67	50	33.34	cps
Erbium	164-2	10	3	17	10	66.70	cps
Gadolinium	160-1	108	100	50	86	36.64	cps
Gadolinium	160-2	13	10	7	10	33.30	cps
Holmium	165-1	10162166	9774674	9866607	9934482	2.04	cps
Holmium	165-2	2258151	2225356	2248876	2244128	0.75	cps
Indium	115-1	7592682	7436088	7470324	7499698	1.10	cps
Indium	115-2	346503	344860	347403	346255	0.37	cps
Iron	56-2	11597210	11569897	11556579	11574562	0.18	cps
Iron	57-2	289725	290866	289011	289868	0.32	cps
Krypton	83-1	317	333	447	366	19.35	cps
Lead	206-1	2497795	2542873	2512334	2517667	0.91	cps
Lead	207-1	2283595	2331318	2293127	2302680	1.10	cps
Lead	208-1	10197564	10323377	10234382	10251774	0.63	cps
Lithium	6-1	883079	871428	879496	878001	0.68	cps
Magnesium	24-2	1237917	1240407	1235886	1238070	0.18	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:04:32	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	199334	200297	196623	198751	0.96	cps
Molybdenum	94-1	6009949	5973870	5944267	5976028	0.55	cps
Molybdenum	95-1	7392426	7431789	7369360	7397858	0.43	cps
Molybdenum	96-1	8308350	8250713	8332507	8297190	0.51	cps
Molybdenum	97-1	4659090	4660017	4741467	4686858	1.01	cps
Molybdenum	98-1	11913172	11831655	11879799	11874876	0.35	cps
Neodymium	150-1	193	120	120	144	29.31	cps
Neodymium	150-2	13	7	7	9	43.25	cps
Nickel	60-2	216969	217995	218157	217707	0.30	cps
Phosphorus	31-2	3959	3701	3909	3856	3.55	cps
Potassium	39-2	331615	332810	331682	332036	0.20	cps
Rhodium	103-1	7085130	6809000	6876286	6923472	2.08	cps
Rhodium	103-2	2035552	2001090	2006988	2014543	0.91	cps
Scandium	45-1	4291336	4218064	4186447	4231949	1.27	cps
Scandium	45-2	36815	36591	36223	36543	0.82	cps
Selenium	77-2	307	307	287	300	3.85	cps
Selenium	78-2	1032	993	1046	1024	2.71	cps
Selenium	82-1	49118	49433	48669	49073	0.78	cps
Silicon	28-1	1864182	1865589	1854866	1861545	0.31	cps
Silver	109-1	3798714	3816350	3835907	3816990	0.49	cps
Silver	107-1	4025281	4036870	4056033	4039395	0.38	cps
Sodium	23-2	2790640	2795266	2795407	2793771	0.10	cps
Strontium	86-1	922659	925233	924509	924134	0.14	cps
Strontium	88-1	8091857	8089631	8090779	8090756	0.01	cps
Sulfur	34-1	513205	511934	507625	510921	0.57	cps
Terbium	159-1	10397399	10173764	10233580	10268248	1.13	cps
Terbium	159-2	2177935	2149665	2182087	2169896	0.81	cps
Thallium	203-1	3101933	3124340	3095391	3107221	0.49	cps
Thallium	205-1	7300745	7304110	7345813	7316889	0.34	cps
Tin	118-1	2466680	2476452	2501920	2481684	0.73	cps
Titanium	47-1	1826308	1850743	1836609	1837887	0.67	cps
Uranium	238-1	9776067	9759459	9758432	9764653	0.10	cps
Vanadium	51-2	253791	252492	251265	252516	0.50	cps
Yttrium	89-1	7918140	7795842	7660298	7791427	1.66	cps
Yttrium	89-2	258484	259550	261499	259845	0.59	cps
Zinc	66-2	120931	122219	121009	121386	0.60	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:04:32	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5066494	5001320	4998972	5022262	0.76	cps
Zirconium	91-1	1120282	1114883	1121033	1118732	0.30	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:08:00	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	101201	100506	100748	100818	0.35	cps
Antimony	121-1	7294699	7283799	7358493	7312330	0.55	cps
Arsenic	75-2	86213	84823	85732	85589	0.82	cps
Barium	135-1	7696494	7748435	7749312	7731414	0.39	cps
Barium	137-1	13421997	13415401	13574599	13470665	0.67	cps
Beryllium	9-1	816043	813127	809655	812942	0.39	cps
Bismuth	209-1	6895107	6983568	6607164	6828613	2.88	cps
Bismuth	209-2	1897157	1906364	1902989	1902170	0.24	cps
Boron	10-1	92682	92404	96239	93775	2.28	cps
Boron	11-1	452413	464483	470651	462516	2.01	cps
Cadmium	111-1	1593465	1575350	1569720	1579512	0.79	cps
Cadmium	106-1	161853	161894	163186	162311	0.47	cps
Cadmium	108-1	110460	111947	111716	111374	0.72	cps
Calcium	43-1	1442037	1450212	1479658	1457302	1.36	cps
Calcium	44-1	23597090	23597840	23661807	23618912	0.16	cps
Chromium	52-2	657197	654181	658277	656552	0.32	cps
Cobalt	59-2	1405007	1396548	1402748	1401434	0.31	cps
Copper	63-2	2437229	2409737	2423027	2423331	0.57	cps
Dysprosium	156-1	58	108	133	100	38.19	cps
Dysprosium	156-2	3	13	7	8	65.47	cps
Erbium	164-1	50	58	75	61	20.84	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	83	83	92	86	5.58	cps
Gadolinium	160-2	23	13	17	18	28.64	cps
Holmium	165-1	10266893	10159208	9737447	10054516	2.78	cps
Holmium	165-2	2274573	2260006	2251810	2262130	0.51	cps
Indium	115-1	7446220	7350140	7080603	7292321	2.60	cps
Indium	115-2	337380	336548	332994	335641	0.69	cps
Iron	56-2	22125789	22050967	22047104	22074620	0.20	cps
Iron	57-2	558358	556667	559120	558048	0.22	cps
Krypton	83-1	343	330	283	319	9.88	cps
Lead	206-1	5002448	5042060	5068102	5037536	0.66	cps
Lead	207-1	4607489	4667816	4658769	4644691	0.70	cps
Lead	208-1	20628399	20716944	20743691	20696344	0.29	cps
Lithium	6-1	906565	932883	898439	912629	1.97	cps
Magnesium	24-2	2373371	2345197	2345734	2354767	0.68	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:08:00	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	380650	379548	382153	380784	0.34	cps
Molybdenum	94-1	11866908	11863405	11903364	11877892	0.19	cps
Molybdenum	95-1	14722539	14588174	14684882	14665198	0.47	cps
Molybdenum	96-1	16340582	16267693	16201621	16269965	0.43	cps
Molybdenum	97-1	9249659	9101746	9148610	9166671	0.82	cps
Molybdenum	98-1	23643613	23413453	23511984	23523016	0.49	cps
Neodymium	150-1	313	327	367	336	8.27	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	415057	415932	414396	415128	0.19	cps
Phosphorus	31-2	7244	7077	7211	7177	1.23	cps
Potassium	39-2	632238	632767	625606	630204	0.63	cps
Rhodium	103-1	6841998	6850499	6589833	6760777	2.19	cps
Rhodium	103-2	1951599	1966417	1947030	1955015	0.52	cps
Scandium	45-1	4161352	4199456	4018995	4126601	2.30	cps
Scandium	45-2	36424	36223	35829	36159	0.84	cps
Selenium	77-2	650	543	623	606	9.17	cps
Selenium	78-2	2072	2028	2087	2063	1.50	cps
Selenium	82-1	95558	95395	95199	95384	0.19	cps
Silicon	28-1	2997158	3011460	3010226	3006282	0.26	cps
Silver	109-1	7429948	7339001	7378549	7382499	0.62	cps
Silver	107-1	7714330	7716808	7724339	7718493	0.07	cps
Sodium	23-2	5343975	5273473	5280498	5299315	0.73	cps
Strontium	86-1	1852263	1843208	1855418	1850296	0.34	cps
Strontium	88-1	15927458	15754542	16033309	15905103	0.88	cps
Sulfur	34-1	695889	697520	693696	695702	0.28	cps
Terbium	159-1	10480775	10389905	9953284	10274655	2.74	cps
Terbium	159-2	2167570	2213582	2136764	2172639	1.78	cps
Thallium	203-1	6248476	6256538	6294366	6266460	0.39	cps
Thallium	205-1	14907706	14908376	14839358	14885147	0.27	cps
Tin	118-1	4851953	4903657	4870302	4875304	0.54	cps
Titanium	47-1	3583867	3537876	3608403	3576715	1.00	cps
Uranium	238-1	20133188	20279618	20503184	20305330	0.92	cps
Vanadium	51-2	486905	486469	487169	486848	0.07	cps
Yttrium	89-1	7719473	7699298	7404328	7607699	2.32	cps
Yttrium	89-2	255464	257722	254990	256058	0.57	cps
Zinc	66-2	231899	229835	231667	231134	0.49	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:08:00	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9885917	9921781	9830631	9879443	0.46	cps
Zirconium	91-1	2229550	2217074	2249239	2231954	0.73	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:11:25	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	547120	547092	549452	547888	0.25	cps
Antimony	121-1	22220	20608	20366	21065	4.78	cps
Arsenic	75-2	143	180	185	169	13.69	cps
Barium	135-1	1642	1909	1617	1722	9.39	cps
Barium	137-1	3459	2659	3109	3076	13.04	cps
Beryllium	9-1	511	583	517	537	7.48	cps
Bismuth	209-1	6379716	6336486	5696322	6137508	6.24	cps
Bismuth	209-2	1771740	1820392	1811814	1801315	1.44	cps
Boron	10-1	5593	5451	4901	5315	6.88	cps
Boron	11-1	26617	25549	23662	25276	5.92	cps
Cadmium	111-1	1535	1740	1506	1594	8.01	cps
Cadmium	106-1	1650	1884	1684	1739	7.26	cps
Cadmium	108-1	58	58	50	56	8.66	cps
Calcium	43-1	7466472	7412931	7518696	7466033	0.71	cps
Calcium	44-1	122326561	121811690	123596403	122578218	0.75	cps
Chromium	52-2	31365	31335	31459	31386	0.21	cps
Cobalt	59-2	18072	17775	17728	17858	1.04	cps
Copper	63-2	5778	5888	5981	5882	1.73	cps
Dysprosium	156-1	108	125	100	111	11.46	cps
Dysprosium	156-2	17	3	17	12	63.01	cps
Erbium	164-1	50	75	50	58	24.74	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	133	100	208	147	37.69	cps
Gadolinium	160-2	33	30	13	26	41.94	cps
Holmium	165-1	9909783	9791323	9049495	9583534	4.87	cps
Holmium	165-2	2236613	2282970	2269719	2263101	1.06	cps
Indium	115-1	7071936	7008474	6434647	6838352	5.13	cps
Indium	115-2	335535	344459	342211	340735	1.36	cps
Iron	56-2	114596178	113699075	114697636	114330963	0.48	cps
Iron	57-2	2917805	2919922	2943339	2927022	0.48	cps
Krypton	83-1	353	420	380	384	8.73	cps
Lead	206-1	28694	28160	29262	28705	1.92	cps
Lead	207-1	24290	23812	25020	24374	2.50	cps
Lead	208-1	113217	111745	115547	113503	1.69	cps
Lithium	6-1	942861	929077	851657	907865	5.42	cps
Magnesium	24-2	12501521	12470279	12598502	12523434	0.53	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:11:25	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1920	2050	2114	2028	4.86	cps
Molybdenum	94-1	17529	16811	17312	17217	2.14	cps
Molybdenum	95-1	30026	28272	28957	29085	3.04	cps
Molybdenum	96-1	32081	32156	32005	32081	0.23	cps
Molybdenum	97-1	17495	17696	17529	17573	0.61	cps
Molybdenum	98-1	47367	45101	45059	45842	2.88	cps
Neodymium	150-1	93	107	87	96	10.66	cps
Neodymium	150-2	27	23	13	21	32.88	cps
Nickel	60-2	17618	17127	17314	17353	1.43	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	3345866	3307393	3348865	3334041	0.69	cps
Rhodium	103-1	6319592	6299344	5807970	6142302	4.72	cps
Rhodium	103-2	1873668	1914218	1906741	1898209	1.14	cps
Scandium	45-1	4066944	4009708	3653811	3910155	5.72	cps
Scandium	45-2	36728	36902	37236	36955	0.70	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	7	4	4	100.05	cps
Selenium	82-1	78	55	45	59	28.32	cps
Silicon	28-1	328807	329658	334426	330964	0.91	cps
Silver	109-1	1100	808	783	897	19.62	cps
Silver	107-1	1083	1133	1150	1122	3.09	cps
Sodium	23-2	27829860	27872588	28036111	27912853	0.39	cps
Strontium	86-1	8887	8420	9470	8926	5.90	cps
Strontium	88-1	74361	73825	74705	74297	0.60	cps
Sulfur	34-1	277771	282183	280835	280263	0.81	cps
Terbium	159-1	10172048	9973060	9307068	9817392	4.61	cps
Terbium	159-2	2201316	2188201	2197249	2195589	0.31	cps
Thallium	203-1	4526	4526	4476	4509	0.64	cps
Thallium	205-1	11531	10805	9980	10772	7.21	cps
Tin	118-1	13099	13332	12865	13099	1.78	cps
Titanium	47-1	1775	2109	1809	1897	9.68	cps
Uranium	238-1	2809	2850	2350	2670	10.39	cps
Vanadium	51-2	277	247	260	261	5.76	cps
Yttrium	89-1	7442864	7446039	6778089	7222331	5.33	cps
Yttrium	89-2	259686	263740	264309	262579	0.96	cps
Zinc	66-2	2144	1977	2054	2058	4.05	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:11:25	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3417	3000	2717	3045	11.57	cps
Zirconium	91-1	592	633	683	636	7.21	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:14:56	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2936	3006	3016	2986	1.46	cps
Antimony	121-1	1446012	1450551	1449991	1448851	0.17	cps
Arsenic	75-2	18125	17862	18373	18120	1.41	cps
Barium	135-1	154019	153530	154677	154075	0.37	cps
Barium	137-1	274332	272259	271275	272622	0.57	cps
Beryllium	9-1	84861	84234	84324	84473	0.40	cps
Bismuth	209-1	6896684	6845428	6787883	6843332	0.80	cps
Bismuth	209-2	1970083	1980207	2007232	1985840	0.97	cps
Boron	10-1	48600	49879	51008	49829	2.42	cps
Boron	11-1	238930	248753	252291	246658	2.81	cps
Cadmium	111-1	165116	168142	166526	166595	0.91	cps
Cadmium	106-1	26602	27462	27479	27181	1.85	cps
Cadmium	108-1	15042	14012	14537	14530	3.55	cps
Calcium	43-1	33624	34143	33048	33605	1.63	cps
Calcium	44-1	535158	535555	532865	534526	0.27	cps
Chromium	52-2	71374	70091	69599	70355	1.30	cps
Cobalt	59-2	152928	151738	152204	152290	0.39	cps
Copper	63-2	133363	131764	132907	132678	0.62	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	117	58	100	92	32.77	cps
Erbium	164-2	17	3	3	8	99.04	cps
Gadolinium	160-1	50	100	67	72	35.26	cps
Gadolinium	160-2	7	13	3	8	65.47	cps
Holmium	165-1	10047365	9940748	10027758	10005290	0.57	cps
Holmium	165-2	2319563	2288107	2360882	2322850	1.57	cps
Indium	115-1	7613785	7575505	7606626	7598639	0.27	cps
Indium	115-2	362016	360468	367755	363413	1.06	cps
Iron	56-2	512570	509451	511946	511323	0.32	cps
Iron	57-2	13173	12790	12806	12923	1.68	cps
Krypton	83-1	350	367	390	369	5.45	cps
Lead	206-1	1024514	1030054	1013472	1022680	0.83	cps
Lead	207-1	893742	898004	886616	892787	0.64	cps
Lead	208-1	4167204	4176335	4131715	4158418	0.57	cps
Lithium	6-1	960694	972323	965882	966300	0.60	cps
Magnesium	24-2	31845	31077	31344	31422	1.24	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:14:56	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20088	20101	20158	20116	0.18	cps
Molybdenum	94-1	2803178	2803649	2795459	2800762	0.16	cps
Molybdenum	95-1	1766202	1787666	1764752	1772873	0.72	cps
Molybdenum	96-1	2218021	2189856	2171980	2193286	1.06	cps
Molybdenum	97-1	1078181	1081330	1075860	1078457	0.25	cps
Molybdenum	98-1	2808514	2842298	2855992	2835601	0.86	cps
Neodymium	150-1	20	13	20	18	21.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	47233	47484	46966	47228	0.55	cps
Phosphorus	31-2	0	17	17	11	86.60	cps
Potassium	39-2	31645	30710	31904	31420	2.00	cps
Rhodium	103-1	7182619	7150583	7175193	7169465	0.23	cps
Rhodium	103-2	2125592	2112893	2155131	2131205	1.02	cps
Scandium	45-1	4285872	4314815	4317665	4306117	0.41	cps
Scandium	45-2	38663	39215	39378	39085	0.96	cps
Selenium	77-2	110	140	133	128	12.33	cps
Selenium	78-2	430	417	430	425	1.76	cps
Selenium	82-1	19195	19457	19531	19394	0.91	cps
Silicon	28-1	263817	264395	265507	264573	0.32	cps
Silver	109-1	732040	738983	743789	738270	0.80	cps
Silver	107-1	776275	779186	773068	776177	0.39	cps
Sodium	23-2	131621	130175	129418	130405	0.86	cps
Strontium	86-1	905451	908873	906583	906969	0.19	cps
Strontium	88-1	7960835	7942154	7952959	7951982	0.12	cps
Sulfur	34-1	286738	284244	287692	286225	0.62	cps
Terbium	159-1	10329844	10198720	10343905	10290823	0.78	cps
Terbium	159-2	2238391	2203001	2262095	2234496	1.33	cps
Thallium	203-1	1268748	1273712	1276677	1273046	0.31	cps
Thallium	205-1	3031320	3137836	3081731	3083629	1.73	cps
Tin	118-1	2445608	2412380	2446357	2434782	0.80	cps
Titanium	47-1	358820	361406	356828	359018	0.64	cps
Uranium	238-1	9928331	9900518	9826287	9885046	0.53	cps
Vanadium	51-2	51916	51110	51592	51539	0.79	cps
Yttrium	89-1	7767533	7878213	7839387	7828378	0.72	cps
Yttrium	89-2	272616	269583	274914	272371	0.98	cps
Zinc	66-2	26162	25637	25794	25864	1.04	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:14:56	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4903923	4963501	4865587	4911004	1.00	cps
Zirconium	91-1	1091772	1100584	1090660	1094338	0.50	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:18:14	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	153	160	148	9.58	cps
Antimony	121-1	20583	19899	19949	20144	1.89	cps
Arsenic	75-2	85	130	124	113	21.44	cps
Barium	135-1	15760	15009	15301	15357	2.46	cps
Barium	137-1	26836	27330	26895	27020	1.00	cps
Beryllium	9-1	1128	1172	1061	1120	4.99	cps
Bismuth	209-1	6868249	6820045	6740273	6809523	0.95	cps
Bismuth	209-2	1930225	1850795	1982302	1921107	3.45	cps
Boron	10-1	5885	5318	5376	5526	5.64	cps
Boron	11-1	28580	27110	27244	27644	2.94	cps
Cadmium	111-1	2877	2980	2937	2932	1.76	cps
Cadmium	106-1	1859	2042	2042	1981	5.34	cps
Cadmium	108-1	129	113	96	113	14.81	cps
Calcium	43-1	7586	7894	7769	7750	2.00	cps
Calcium	44-1	134590	135431	135608	135209	0.40	cps
Chromium	52-2	2117	2050	1994	2054	3.01	cps
Cobalt	59-2	1550	1874	1760	1728	9.50	cps
Copper	63-2	3367	3771	3497	3545	5.81	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	25	67	33	42	52.92	cps
Erbium	164-2	10	17	17	14	26.66	cps
Gadolinium	160-1	117	92	108	106	12.06	cps
Gadolinium	160-2	7	10	17	11	45.82	cps
Holmium	165-1	10010462	9900692	9966002	9959052	0.55	cps
Holmium	165-2	2292054	2161927	2304979	2252986	3.51	cps
Indium	115-1	7792162	7616468	7624928	7677853	1.29	cps
Indium	115-2	365787	347554	365580	359640	2.91	cps
Iron	56-2	27556	27405	27467	27476	0.27	cps
Iron	57-2	683	739	622	682	8.56	cps
Krypton	83-1	353	363	333	350	4.37	cps
Lead	206-1	5807	5913	5879	5866	0.92	cps
Lead	207-1	5101	5129	4829	5020	3.30	cps
Lead	208-1	23081	23876	22675	23211	2.63	cps
Lithium	6-1	938467	909598	933205	927090	1.66	cps
Magnesium	24-2	14400	13674	13949	14008	2.62	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:18:14	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	263	323	243	277	15.05	cps
Molybdenum	94-1	17654	16853	16911	17139	2.61	cps
Molybdenum	95-1	16928	17237	16043	16736	3.70	cps
Molybdenum	96-1	20032	20274	18805	19704	4.00	cps
Molybdenum	97-1	10004	10254	9996	10085	1.46	cps
Molybdenum	98-1	26502	27320	25800	26541	2.87	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2684	2384	2624	2564	6.19	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	10496	10846	10054	10465	3.79	cps
Rhodium	103-1	7202723	7180550	7160282	7181185	0.30	cps
Rhodium	103-2	2124202	1997090	2098768	2073354	3.24	cps
Scandium	45-1	4317784	4298466	4257047	4291099	0.72	cps
Scandium	45-2	37654	36514	38422	37530	2.56	cps
Selenium	77-2	10	7	10	9	21.63	cps
Selenium	78-2	13	6	6	8	53.23	cps
Selenium	82-1	523	506	570	533	6.27	cps
Silicon	28-1	291819	291217	290651	291229	0.20	cps
Silver	109-1	7936	8053	7311	7767	5.14	cps
Silver	107-1	8178	8261	7886	8108	2.43	cps
Sodium	23-2	42155	42966	42214	42445	1.07	cps
Strontium	86-1	2767	2267	2417	2484	10.33	cps
Strontium	88-1	17020	16394	16811	16742	1.90	cps
Sulfur	34-1	284687	284971	289027	286228	0.85	cps
Terbium	159-1	10391131	10099312	10308800	10266414	1.47	cps
Terbium	159-2	2213065	2100638	2211151	2174951	2.96	cps
Thallium	203-1	7211	7303	7544	7353	2.34	cps
Thallium	205-1	17872	18139	17404	17805	2.09	cps
Tin	118-1	27003	26252	26410	26555	1.49	cps
Titanium	47-1	3859	3934	3917	3904	1.01	cps
Uranium	238-1	20877	20701	21327	20968	1.54	cps
Vanadium	51-2	2714	2540	2534	2596	3.93	cps
Yttrium	89-1	7905876	7793083	7778407	7825789	0.89	cps
Yttrium	89-2	271163	257573	268380	265705	2.70	cps
Zinc	66-2	350	413	480	414	15.69	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:18:14	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	21668	20575	19723	20655	4.72	cps
Zirconium	91-1	4893	4359	4401	4551	6.52	cps

LB Number : LB98004 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-17 17:21:36 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10	10	10	10	0.00	cps
Antimony	121-1	1959	2075	2175	2070	5.24	cps
Arsenic	75-2	7	11	6	8	35.21	cps
Barium	135-1	50	58	50	53	9.12	cps
Barium	137-1	42	142	58	81	66.50	cps
Beryllium	9-1	317	261	244	274	13.80	cps
Bismuth	209-1	6709974	6876824	6802060	6796286	1.23	cps
Bismuth	209-2	1983241	2022670	1971609	1992507	1.34	cps
Boron	10-1	2059	1842	1750	1884	8.41	cps
Boron	11-1	9287	9520	8586	9131	5.32	cps
Cadmium	111-1	1119	1317	1283	1240	8.53	cps
Cadmium	106-1	1592	1842	1800	1745	7.68	cps
Cadmium	108-1	17	8	8	11	43.34	cps
Calcium	43-1	508	450	425	461	9.27	cps
Calcium	44-1	13774	13624	13407	13602	1.36	cps
Chromium	52-2	460	567	607	544	13.93	cps
Cobalt	59-2	63	103	83	83	24.01	cps
Copper	63-2	793	900	800	831	7.19	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	50	25	31	56.77	cps
Erbium	164-2	7	17	7	10	57.72	cps
Gadolinium	160-1	92	50	100	81	33.26	cps
Gadolinium	160-2	27	10	3	13	90.16	cps
Holmium	165-1	9806988	9974574	9893469	9891677	0.85	cps
Holmium	165-2	2309123	2310238	2281855	2300405	0.70	cps
Indium	115-1	7651557	7732187	7611365	7665036	0.80	cps
Indium	115-2	369047	369755	362662	367154	1.06	cps
Iron	56-2	2311	2084	2167	2187	5.27	cps
Iron	57-2	72	67	50	63	18.37	cps
Krypton	83-1	310	337	353	333	6.56	cps
Lead	206-1	589	467	606	554	13.70	cps
Lead	207-1	444	561	539	515	12.03	cps
Lead	208-1	2217	2261	2550	2343	7.73	cps
Lithium	6-1	897831	921255	898229	905771	1.48	cps
Magnesium	24-2	425	450	475	450	5.56	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:21:36	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83	80	50	71	25.82	cps
Molybdenum	94-1	1033	1242	1050	1108	10.45	cps
Molybdenum	95-1	875	742	717	778	10.95	cps
Molybdenum	96-1	967	892	942	933	4.09	cps
Molybdenum	97-1	700	425	450	525	28.97	cps
Molybdenum	98-1	1383	1350	1333	1356	1.88	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1700	1964	1954	1872	7.97	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	3542	3326	3442	3437	3.16	cps
Rhodium	103-1	7193884	7230661	7214306	7212950	0.26	cps
Rhodium	103-2	2143228	2124267	2143648	2137048	0.52	cps
Scandium	45-1	4323518	4383596	4292300	4333138	1.07	cps
Scandium	45-2	39509	38489	39579	39192	1.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	80	-18	7	23	221.48	cps
Silicon	28-1	246226	245521	246242	245996	0.17	cps
Silver	109-1	58	117	150	108	42.83	cps
Silver	107-1	117	158	92	122	27.56	cps
Sodium	23-2	11580	11155	11255	11330	1.96	cps
Strontium	86-1	458	433	625	506	20.61	cps
Strontium	88-1	142	75	167	128	37.09	cps
Sulfur	34-1	287949	287097	287361	287469	0.15	cps
Terbium	159-1	10184787	10253313	10132050	10190050	0.60	cps
Terbium	159-2	2198591	2261041	2273675	2244435	1.79	cps
Thallium	203-1	817	708	1033	853	19.41	cps
Thallium	205-1	2317	2042	1767	2042	13.47	cps
Tin	118-1	1517	1550	1333	1467	7.96	cps
Titanium	47-1	117	92	108	106	12.06	cps
Uranium	238-1	125	167	200	164	22.93	cps
Vanadium	51-2	3	7	7	6	34.70	cps
Yttrium	89-1	7931542	7900405	7821190	7884379	0.72	cps
Yttrium	89-2	275774	273530	272035	273780	0.69	cps
Zinc	66-2	80	123	153	119	31.01	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:21:36	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1542	1650	1675	1622	4.37	cps
Zirconium	91-1	300	333	467	367	24.05	cps

LB Number : LB98004 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-17 17:24:59 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	478604	482383	481729	480905	0.42	cps
Antimony	121-1	9270	8928	9387	9195	2.59	cps
Arsenic	75-2	39	37	56	44	23.27	cps
Barium	135-1	2334	2242	2275	2284	2.03	cps
Barium	137-1	4051	4109	3809	3990	3.99	cps
Beryllium	9-1	394	378	400	391	2.96	cps
Bismuth	209-1	6406071	6361651	6548899	6438874	1.52	cps
Bismuth	209-2	1928739	1910620	1883701	1907687	1.19	cps
Boron	10-1	1650	1559	1884	1697	9.87	cps
Boron	11-1	8444	7903	8344	8231	3.50	cps
Cadmium	111-1	1487	1728	1589	1601	7.55	cps
Cadmium	106-1	1584	1667	1592	1614	2.84	cps
Cadmium	108-1	775	717	792	761	5.17	cps
Calcium	43-1	1459962	1464917	1454913	1459931	0.34	cps
Calcium	44-1	23491942	23410696	23192424	23365021	0.66	cps
Chromium	52-2	16974	16950	17137	17021	0.60	cps
Cobalt	59-2	1823	1854	1733	1803	3.46	cps
Copper	63-2	10194	10057	10267	10173	1.05	cps
Dysprosium	156-1	42	42	33	39	12.38	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	100	42	75	72	40.52	cps
Erbium	164-2	7	23	17	16	53.90	cps
Gadolinium	160-1	50	50	125	75	57.74	cps
Gadolinium	160-2	10	13	17	13	25.01	cps
Holmium	165-1	9752433	9586424	9982164	9773673	2.03	cps
Holmium	165-2	2327458	2272594	2269415	2289823	1.43	cps
Indium	115-1	7239765	7118776	7389430	7249324	1.87	cps
Indium	115-2	348573	348212	344852	347212	0.59	cps
Iron	56-2	44673368	44849598	44685708	44736225	0.22	cps
Iron	57-2	1127749	1125707	1124347	1125934	0.15	cps
Krypton	83-1	297	287	297	293	1.97	cps
Lead	206-1	25281	25075	24641	24999	1.31	cps
Lead	207-1	19588	20027	19950	19855	1.18	cps
Lead	208-1	93541	95397	93195	94044	1.26	cps
Lithium	6-1	868928	847488	867268	861228	1.39	cps
Magnesium	24-2	2412556	2410609	2389677	2404281	0.53	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:24:59	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1620	1643	1757	1673	4.37	cps
Molybdenum	94-1	3213451	3211381	3241687	3222173	0.53	cps
Molybdenum	95-1	5698393	5698364	5690737	5695831	0.08	cps
Molybdenum	96-1	6025847	6071410	6055884	6051047	0.38	cps
Molybdenum	97-1	3600978	3618193	3637299	3618823	0.50	cps
Molybdenum	98-1	9070179	9149335	9101749	9107087	0.44	cps
Neodymium	150-1	40	20	7	22	75.49	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	5421	5244	5621	5429	3.47	cps
Phosphorus	31-2	36966	36623	36732	36774	0.48	cps
Potassium	39-2	1323162	1311330	1297508	1310667	0.98	cps
Rhodium	103-1	6630492	6464119	6761377	6618663	2.25	cps
Rhodium	103-2	2031338	2012807	1997804	2013983	0.83	cps
Scandium	45-1	4070665	3986347	4086693	4047902	1.33	cps
Scandium	45-2	37500	37062	36872	37145	0.87	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	60	112	89	87	29.95	cps
Silicon	28-1	345645	340232	343075	342984	0.79	cps
Silver	109-1	408	467	508	461	10.89	cps
Silver	107-1	517	458	658	544	18.89	cps
Sodium	23-2	5484675	5458285	5482210	5475057	0.27	cps
Strontium	86-1	61356	61950	60484	61263	1.20	cps
Strontium	88-1	538894	536728	537746	537789	0.20	cps
Sulfur	34-1	1993367	1994307	1996767	1994814	0.09	cps
Terbium	159-1	9947922	9828109	10255082	10010371	2.20	cps
Terbium	159-2	2237264	2187320	2172123	2198902	1.55	cps
Thallium	203-1	1142	1250	1300	1231	6.58	cps
Thallium	205-1	2850	3401	3176	3142	8.80	cps
Tin	118-1	1825	1825	2034	1895	6.35	cps
Titanium	47-1	1461899	1431029	1434610	1442513	1.17	cps
Uranium	238-1	508	433	417	453	10.78	cps
Vanadium	51-2	70	103	93	89	19.25	cps
Yttrium	89-1	7543799	7307001	7696345	7515715	2.61	cps
Yttrium	89-2	265658	262702	262285	263548	0.70	cps
Zinc	66-2	1437	1407	1417	1420	1.08	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:24:59	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10947	9070	7152	9056	20.95	cps
Zirconium	91-1	2192	1859	1584	1878	16.22	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:28:17	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	487751	485925	484356	486011	0.35	cps
Antimony	121-1	153928	156273	155732	155311	0.79	cps
Arsenic	75-2	1765	1650	1652	1689	3.89	cps
Barium	135-1	33009	32499	33535	33014	1.57	cps
Barium	137-1	58338	58355	58272	58321	0.08	cps
Beryllium	9-1	16688	16632	16176	16499	1.70	cps
Bismuth	209-1	6769017	6773819	6600018	6714285	1.47	cps
Bismuth	209-2	1879262	1956001	1882150	1905805	2.28	cps
Boron	10-1	7961	7436	7461	7619	3.89	cps
Boron	11-1	37124	36598	37425	37049	1.13	cps
Cadmium	111-1	33075	33459	33170	33235	0.60	cps
Cadmium	106-1	6018	5593	5801	5804	3.66	cps
Cadmium	108-1	3088	3313	3421	3274	5.19	cps
Calcium	43-1	1455076	1496852	1458702	1470210	1.57	cps
Calcium	44-1	23848715	23656822	23722822	23742786	0.41	cps
Chromium	52-2	28279	28372	28212	28288	0.28	cps
Cobalt	59-2	30888	31235	30885	31003	0.65	cps
Copper	63-2	35596	35235	36371	35734	1.62	cps
Dysprosium	156-1	42	33	17	31	41.66	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	67	25	44	47.19	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	117	92	175	128	33.47	cps
Gadolinium	160-2	13	20	7	13	49.99	cps
Holmium	165-1	10165729	10141749	9974153	10093877	1.03	cps
Holmium	165-2	2269227	2381360	2257616	2302734	2.97	cps
Indium	115-1	7590233	7531261	7382130	7501208	1.43	cps
Indium	115-2	344199	360036	346375	350203	2.45	cps
Iron	56-2	45473647	45404166	45534629	45470814	0.14	cps
Iron	57-2	1139784	1139926	1137180	1138964	0.14	cps
Krypton	83-1	390	323	350	354	9.47	cps
Lead	206-1	127030	125536	126468	126345	0.60	cps
Lead	207-1	105798	104931	105692	105474	0.45	cps
Lead	208-1	490178	488742	489390	489437	0.15	cps
Lithium	6-1	880774	878328	852317	870473	1.81	cps
Magnesium	24-2	2439857	2453142	2457044	2450014	0.37	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:28:17	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5444	5595	5611	5550	1.65	cps
Molybdenum	94-1	3598884	3619836	3599173	3605964	0.33	cps
Molybdenum	95-1	5988164	6001646	5920046	5969952	0.73	cps
Molybdenum	96-1	6443022	6451126	6368251	6420800	0.71	cps
Molybdenum	97-1	3773102	3763918	3813245	3783422	0.69	cps
Molybdenum	98-1	9451147	9591170	9487938	9510085	0.76	cps
Neodymium	150-1	20	13	53	29	74.20	cps
Neodymium	150-2	3	10	10	8	49.52	cps
Nickel	60-2	12606	12669	12256	12510	1.78	cps
Phosphorus	31-2	36599	36264	37116	36660	1.17	cps
Potassium	39-2	1311286	1330811	1335667	1325921	0.97	cps
Rhodium	103-1	6993592	6845214	6788148	6875652	1.54	cps
Rhodium	103-2	1997038	2085151	2016145	2032778	2.28	cps
Scandium	45-1	4255558	4207872	4151583	4205004	1.24	cps
Scandium	45-2	37360	38794	37704	37953	1.97	cps
Selenium	77-2	20	23	13	19	26.96	cps
Selenium	78-2	44	28	33	35	24.12	cps
Selenium	82-1	1842	1944	2001	1929	4.16	cps
Silicon	28-1	522360	521126	518611	520699	0.37	cps
Silver	109-1	137026	135951	137908	136962	0.72	cps
Silver	107-1	143228	145789	144627	144548	0.89	cps
Sodium	23-2	5597646	5573543	5495120	5555437	0.96	cps
Strontium	86-1	175049	175777	175396	175407	0.21	cps
Strontium	88-1	1599267	1598275	1592719	1596753	0.22	cps
Sulfur	34-1	2033611	2003789	2025615	2021005	0.76	cps
Terbium	159-1	10501169	10390055	10298588	10396604	0.98	cps
Terbium	159-2	2186138	2260156	2229723	2225339	1.67	cps
Thallium	203-1	123816	123834	126534	124728	1.25	cps
Thallium	205-1	299519	297894	299174	298862	0.29	cps
Tin	118-1	307993	308534	307680	308069	0.14	cps
Titanium	47-1	1496900	1499823	1489244	1495323	0.37	cps
Uranium	238-1	1291156	1282703	1289983	1287947	0.36	cps
Vanadium	51-2	10264	10100	10334	10233	1.17	cps
Yttrium	89-1	7878879	7784081	7609864	7757608	1.76	cps
Yttrium	89-2	261151	274676	263831	266553	2.69	cps
Zinc	66-2	3964	3921	3794	3893	2.27	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:28:17	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	618441	622101	626035	622192	0.61	cps
Zirconium	91-1	138927	137590	138162	138226	0.49	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:31:34	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	288746	290985	290969	290233	0.44	cps
Antimony	121-1	3788707	3810414	3799314	3799478	0.29	cps
Arsenic	75-2	45213	44986	45681	45293	0.78	cps
Barium	135-1	4046067	4053010	4028767	4042615	0.31	cps
Barium	137-1	6980239	6940295	6907200	6942578	0.53	cps
Beryllium	9-1	423384	425594	422915	423964	0.34	cps
Bismuth	209-1	6735025	6641053	6681013	6685697	0.71	cps
Bismuth	209-2	1851482	1747865	1888816	1829387	3.99	cps
Boron	10-1	47948	49444	50824	49405	2.91	cps
Boron	11-1	234573	247171	247129	242957	2.99	cps
Cadmium	111-1	795159	800183	789746	795029	0.66	cps
Cadmium	106-1	82476	83651	82242	82790	0.91	cps
Cadmium	108-1	57401	56627	55861	56630	1.36	cps
Calcium	43-1	3715610	3738075	3706499	3720061	0.44	cps
Calcium	44-1	60848001	60281089	60487947	60539012	0.47	cps
Chromium	52-2	360092	362276	358850	360406	0.48	cps
Cobalt	59-2	746480	743828	744315	744874	0.19	cps
Copper	63-2	1249616	1247216	1250545	1249126	0.14	cps
Dysprosium	156-1	83	83	83	83	0.00	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	50	25	25	33	43.30	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	100	133	100	111	17.32	cps
Gadolinium	160-2	13	37	13	21	63.83	cps
Holmium	165-1	10201897	10199609	10137247	10179585	0.36	cps
Holmium	165-2	2285966	2205140	2312392	2267833	2.46	cps
Indium	115-1	7477294	7444071	7480403	7467256	0.27	cps
Indium	115-2	344151	328164	349436	340584	3.25	cps
Iron	56-2	59200615	58983774	58820136	59001508	0.32	cps
Iron	57-2	1511685	1522443	1523252	1519126	0.43	cps
Krypton	83-1	313	343	390	349	11.07	cps
Lead	206-1	2590226	2542918	2586106	2573083	1.02	cps
Lead	207-1	2380142	2332048	2351527	2354572	1.03	cps
Lead	208-1	10607137	10444415	10574079	10541877	0.82	cps
Lithium	6-1	882962	889929	897660	890184	0.83	cps
Magnesium	24-2	6151260	6187260	6183429	6173983	0.32	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:31:34	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	203826	204320	205210	204452	0.34	cps
Molybdenum	94-1	6134010	6229979	6134376	6166121	0.90	cps
Molybdenum	95-1	7631817	7648474	7613855	7631382	0.23	cps
Molybdenum	96-1	8427816	8457843	8437792	8441151	0.18	cps
Molybdenum	97-1	4791740	4789513	4816955	4799403	0.32	cps
Molybdenum	98-1	12176077	12289879	12128766	12198241	0.68	cps
Neodymium	150-1	127	160	147	144	11.62	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	221705	220476	220981	221054	0.28	cps
Phosphorus	31-2	4501	4076	3926	4167	7.16	cps
Potassium	39-2	1740911	1719250	1739235	1733132	0.70	cps
Rhodium	103-1	6781185	6817542	6733080	6777269	0.63	cps
Rhodium	103-2	1940411	1893282	1980459	1938051	2.25	cps
Scandium	45-1	4257470	4215382	4269370	4247407	0.67	cps
Scandium	45-2	36571	36361	37323	36752	1.38	cps
Selenium	77-2	327	313	287	309	6.59	cps
Selenium	78-2	1050	1078	1035	1054	2.05	cps
Selenium	82-1	49283	49270	48391	48981	1.04	cps
Silicon	28-1	1885678	1909670	1919931	1905093	0.92	cps
Silver	109-1	3784269	3818803	3745308	3782793	0.97	cps
Silver	107-1	3973515	3994756	3910679	3959650	1.10	cps
Sodium	23-2	14056175	14145924	14290622	14164240	0.84	cps
Strontium	86-1	955489	941725	952851	950022	0.77	cps
Strontium	88-1	8370288	8230083	8283346	8294572	0.85	cps
Sulfur	34-1	486453	485417	490416	487429	0.54	cps
Terbium	159-1	10555121	10418795	10529813	10501243	0.69	cps
Terbium	159-2	2201634	2111775	2247276	2186895	3.15	cps
Thallium	203-1	3182057	3187398	3203046	3190834	0.34	cps
Thallium	205-1	7529327	7456308	7590388	7525341	0.89	cps
Tin	118-1	2544322	2548986	2529117	2540808	0.41	cps
Titanium	47-1	1883193	1888043	1900104	1890447	0.46	cps
Uranium	238-1	10351386	10354127	10367187	10357567	0.08	cps
Vanadium	51-2	262654	265527	263565	263915	0.56	cps
Yttrium	89-1	7842494	7828706	7838731	7836643	0.09	cps
Yttrium	89-2	262691	251830	267184	260568	3.03	cps
Zinc	66-2	123201	123019	122027	122749	0.51	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:31:34	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5189876	5181052	5176721	5182550	0.13	cps
Zirconium	91-1	1143908	1155548	1149747	1149734	0.51	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P8
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:34:45	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45	30	38	38	19.99	cps
Antimony	121-1	10505	8286	8053	8948	15.12	cps
Arsenic	75-2	19	20	17	19	9.99	cps
Barium	135-1	217	217	167	200	14.43	cps
Barium	137-1	475	433	325	411	18.83	cps
Beryllium	9-1	356	356	328	346	4.63	cps
Bismuth	209-1	7030800	7144541	7079621	7084987	0.81	cps
Bismuth	209-2	2031167	1997129	1968763	1999019	1.56	cps
Boron	10-1	2359	2275	2267	2300	2.20	cps
Boron	11-1	11889	11463	10529	11294	6.16	cps
Cadmium	111-1	1419	1234	1379	1344	7.24	cps
Cadmium	106-1	1917	1667	1892	1825	7.55	cps
Cadmium	108-1	8	17	29	18	58.09	cps
Calcium	43-1	800	750	717	756	5.55	cps
Calcium	44-1	18129	15801	15868	16599	7.98	cps
Chromium	52-2	520	550	533	534	2.81	cps
Cobalt	59-2	93	93	83	90	6.41	cps
Copper	63-2	923	900	877	900	2.59	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	75	33	50	53	39.74	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	10115287	10202210	10216300	10177933	0.54	cps
Holmium	165-2	2338064	2298769	2286380	2307738	1.17	cps
Indium	115-1	7885690	7956207	7855422	7899106	0.65	cps
Indium	115-2	369896	364732	358258	364295	1.60	cps
Iron	56-2	5685	5179	4618	5160	10.34	cps
Iron	57-2	139	122	111	124	11.26	cps
Krypton	83-1	340	363	333	346	4.56	cps
Lead	206-1	895	856	989	913	7.51	cps
Lead	207-1	978	922	872	924	5.71	cps
Lead	208-1	3823	3800	3939	3854	1.94	cps
Lithium	6-1	914707	915459	896982	909049	1.15	cps
Magnesium	24-2	700	608	575	628	10.31	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P8
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:34:45	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	63	97	90	83	21.17	cps
Molybdenum	94-1	2959	2967	2825	2917	2.73	cps
Molybdenum	95-1	3909	3717	3459	3695	6.11	cps
Molybdenum	96-1	4459	4009	4167	4212	5.42	cps
Molybdenum	97-1	2650	2092	2292	2345	12.07	cps
Molybdenum	98-1	7085	6285	5435	6268	13.17	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1723	1693	1517	1645	6.79	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	3267	3442	3417	3376	2.80	cps
Rhodium	103-1	7296504	7321165	7383054	7333574	0.61	cps
Rhodium	103-2	2136445	2135539	2088379	2120121	1.30	cps
Scandium	45-1	4331613	4364574	4311533	4335907	0.62	cps
Scandium	45-2	38673	38422	37667	38254	1.37	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	0	6	2	173.21	cps
Selenium	82-1	29	-51	4	-6	-676.05	cps
Silicon	28-1	251542	249126	244472	248380	1.45	cps
Silver	109-1	542	408	342	431	23.65	cps
Silver	107-1	617	417	525	519	19.28	cps
Sodium	23-2	13540	13282	12998	13273	2.04	cps
Strontium	86-1	542	742	450	578	25.81	cps
Strontium	88-1	558	517	400	492	16.69	cps
Sulfur	34-1	276019	274139	276394	275518	0.44	cps
Terbium	159-1	10413209	10574129	10610684	10532674	1.00	cps
Terbium	159-2	2235598	2232838	2196714	2221717	0.98	cps
Thallium	203-1	1734	1884	1634	1750	7.19	cps
Thallium	205-1	4409	3667	3884	3987	9.57	cps
Tin	118-1	2392	2234	1984	2203	9.35	cps
Titanium	47-1	308	200	350	286	27.06	cps
Uranium	238-1	775	542	617	644	18.48	cps
Vanadium	51-2	23	17	20	20	16.65	cps
Yttrium	89-1	7967319	8055855	7941596	7988257	0.75	cps
Yttrium	89-2	272188	272445	267947	270860	0.93	cps
Zinc	66-2	107	120	103	110	8.01	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P8
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:34:45	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2142	2475	2625	2414	10.25	cps
Zirconium	91-1	475	542	517	511	6.59	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:41:00	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	173	153	105	143	24.19	cps
Antimony	121-1	16461	16402	15919	16261	1.83	cps
Arsenic	75-2	135	93	144	124	22.29	cps
Barium	135-1	15343	15284	14934	15187	1.46	cps
Barium	137-1	26502	27271	27004	26926	1.45	cps
Beryllium	9-1	1056	950	1072	1026	6.46	cps
Bismuth	209-1	6758304	6776815	6746185	6760435	0.23	cps
Bismuth	209-2	2008077	1970527	1979777	1986127	0.99	cps
Boron	10-1	3117	3100	3075	3098	0.68	cps
Boron	11-1	15326	15718	15542	15528	1.26	cps
Cadmium	111-1	2551	2857	2753	2720	5.72	cps
Cadmium	106-1	1800	1892	1859	1850	2.51	cps
Cadmium	108-1	163	79	104	115	37.09	cps
Calcium	43-1	7861	7619	8278	7919	4.21	cps
Calcium	44-1	134978	134489	135482	134983	0.37	cps
Chromium	52-2	2184	2134	2167	2161	1.18	cps
Cobalt	59-2	1640	1580	1607	1609	1.87	cps
Copper	63-2	3577	3427	3440	3482	2.39	cps
Dysprosium	156-1	33	25	8	22	57.29	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	83	33	42	53	50.76	cps
Erbium	164-2	7	17	13	12	41.65	cps
Gadolinium	160-1	100	75	58	78	26.96	cps
Gadolinium	160-2	7	3	20	10	88.20	cps
Holmium	165-1	9905508	9902830	9819350	9875896	0.50	cps
Holmium	165-2	2318546	2288203	2280880	2295876	0.87	cps
Indium	115-1	7668670	7590435	7618698	7625934	0.52	cps
Indium	115-2	369977	365925	368541	368148	0.56	cps
Iron	56-2	27233	26136	27299	26889	2.43	cps
Iron	57-2	711	811	633	719	12.40	cps
Krypton	83-1	400	317	380	366	11.90	cps
Lead	206-1	5768	5790	5724	5761	0.59	cps
Lead	207-1	5301	5446	5007	5251	4.26	cps
Lead	208-1	22703	23192	23114	23003	1.14	cps
Lithium	6-1	850664	855705	854668	853679	0.31	cps
Magnesium	24-2	14024	13507	13999	13843	2.11	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:41:00	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	297	263	263	274	7.01	cps
Molybdenum	94-1	13082	13741	13532	13452	2.50	cps
Molybdenum	95-1	14967	16511	15534	15671	4.98	cps
Molybdenum	96-1	18013	17487	17137	17545	2.51	cps
Molybdenum	97-1	9837	10121	9854	9937	1.60	cps
Molybdenum	98-1	24339	25433	25099	24957	2.25	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2154	2150	2237	2180	2.25	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	10513	10296	10855	10554	2.67	cps
Rhodium	103-1	7127458	7156820	7148996	7144425	0.21	cps
Rhodium	103-2	2136082	2132657	2129755	2132832	0.15	cps
Scandium	45-1	4239995	4292342	4234345	4255561	0.75	cps
Scandium	45-2	39238	39041	38824	39034	0.53	cps
Selenium	77-2	17	7	7	10	57.72	cps
Selenium	78-2	17	28	20	22	26.18	cps
Selenium	82-1	470	515	526	504	5.88	cps
Silicon	28-1	285553	283618	279572	282914	1.08	cps
Silver	109-1	7844	7586	7678	7703	1.70	cps
Silver	107-1	7903	8128	8328	8119	2.62	cps
Sodium	23-2	41763	40099	40860	40907	2.04	cps
Strontium	86-1	2309	2167	2334	2270	3.96	cps
Strontium	88-1	16986	16995	16285	16755	2.43	cps
Sulfur	34-1	281809	279862	282887	281519	0.54	cps
Terbium	159-1	10227461	10125835	10154693	10169330	0.51	cps
Terbium	159-2	2228850	2214699	2236705	2226751	0.50	cps
Thallium	203-1	6469	6727	7336	6844	6.51	cps
Thallium	205-1	15836	16336	16361	16178	1.83	cps
Tin	118-1	25684	25141	25241	25356	1.14	cps
Titanium	47-1	3742	3767	3817	3776	1.01	cps
Uranium	238-1	19975	19825	19683	19828	0.74	cps
Vanadium	51-2	2690	2477	2470	2546	4.92	cps
Yttrium	89-1	7828918	7778658	7801304	7802960	0.32	cps
Yttrium	89-2	275736	274364	271485	273862	0.79	cps
Zinc	66-2	363	353	443	387	12.76	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:41:00	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13899	14024	12423	13449	6.62	cps
Zirconium	91-1	2734	3159	3034	2975	7.34	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	PB112929BL	Instrumnet Name :	P8
Client Sample ID :	PB112929BL	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:44:23	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	15	20	19	19.95	cps
Antimony	121-1	908	1042	967	972	6.87	cps
Arsenic	75-2	4	6	13	7	66.14	cps
Barium	135-1	42	17	42	33	43.30	cps
Barium	137-1	67	58	42	56	22.91	cps
Beryllium	9-1	133	183	206	174	21.25	cps
Bismuth	209-1	6849007	6741771	6706613	6765797	1.10	cps
Bismuth	209-2	1994178	2005094	1953133	1984135	1.38	cps
Boron	10-1	1092	1050	1008	1050	3.97	cps
Boron	11-1	4776	4618	4593	4662	2.13	cps
Cadmium	111-1	1203	1109	1297	1203	7.81	cps
Cadmium	106-1	1700	1592	1842	1711	7.33	cps
Cadmium	108-1	0	25	13	13	100.00	cps
Calcium	43-1	542	475	533	517	7.03	cps
Calcium	44-1	13565	14074	13290	13643	2.92	cps
Chromium	52-2	457	527	490	491	7.13	cps
Cobalt	59-2	57	67	63	62	8.18	cps
Copper	63-2	837	757	800	798	5.02	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	17	67	31	103.26	cps
Erbium	164-2	13	7	3	8	65.47	cps
Gadolinium	160-1	58	75	75	69	13.85	cps
Gadolinium	160-2	10	10	20	13	43.30	cps
Holmium	165-1	9912061	9759580	9912310	9861317	0.89	cps
Holmium	165-2	2323303	2318329	2300485	2314039	0.52	cps
Indium	115-1	7787552	7615313	7661327	7688064	1.16	cps
Indium	115-2	376081	366871	365625	369526	1.55	cps
Iron	56-2	1972	1795	2139	1969	8.75	cps
Iron	57-2	83	44	44	57	39.11	cps
Krypton	83-1	323	303	310	312	3.26	cps
Lead	206-1	583	594	517	565	7.45	cps
Lead	207-1	439	389	461	430	8.61	cps
Lead	208-1	2145	2078	2150	2124	1.89	cps
Lithium	6-1	846507	843626	837101	842411	0.57	cps
Magnesium	24-2	583	467	442	497	15.21	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	PB112929BL	Instrumnet Name :	P8
Client Sample ID :	PB112929BL	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:44:23	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60	60	90	70	24.74	cps
Molybdenum	94-1	708	692	592	664	9.50	cps
Molybdenum	95-1	575	483	633	564	13.41	cps
Molybdenum	96-1	750	700	742	731	3.67	cps
Molybdenum	97-1	400	408	358	389	6.89	cps
Molybdenum	98-1	808	808	850	822	2.93	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1643	1517	1613	1591	4.16	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	3592	3401	3384	3459	3.35	cps
Rhodium	103-1	7220727	7155776	7163119	7179874	0.50	cps
Rhodium	103-2	2174559	2161394	2130182	2155378	1.06	cps
Scandium	45-1	4347463	4252226	4321370	4307020	1.14	cps
Scandium	45-2	39014	39231	39021	39089	0.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	0	2	3	124.95	cps
Selenium	82-1	43	25	18	29	44.64	cps
Silicon	28-1	242775	241445	242784	242335	0.32	cps
Silver	109-1	133	150	158	147	8.65	cps
Silver	107-1	117	125	183	142	25.64	cps
Sodium	23-2	10788	10688	11080	10852	1.88	cps
Strontium	86-1	475	492	558	508	8.67	cps
Strontium	88-1	133	67	75	92	39.63	cps
Sulfur	34-1	284093	289976	288022	287364	1.04	cps
Terbium	159-1	10280881	9973028	10146026	10133311	1.52	cps
Terbium	159-2	2247009	2221608	2215901	2228173	0.74	cps
Thallium	203-1	583	550	575	569	3.05	cps
Thallium	205-1	1467	1500	1534	1500	2.22	cps
Tin	118-1	783	942	800	842	10.34	cps
Titanium	47-1	150	75	158	128	35.92	cps
Uranium	238-1	67	67	50	61	15.75	cps
Vanadium	51-2	7	0	17	8	107.84	cps
Yttrium	89-1	7958934	7747435	7857613	7854661	1.35	cps
Yttrium	89-2	279335	273091	271560	274662	1.50	cps
Zinc	66-2	110	150	147	136	16.37	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	PB112929BL	Instrumnet Name :	P8
Client Sample ID :	PB112929BL	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:44:23	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1108	1083	1225	1139	6.64	cps
Zirconium	91-1	283	300	183	256	24.69	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	PB112929BS	Instrumnet Name :	P8
Client Sample ID :	PB112929BS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:47:52	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	56109	56325	55496	55977	0.77	cps
Antimony	121-1	3773497	3773823	3774948	3774090	0.02	cps
Arsenic	75-2	46875	47442	47100	47139	0.61	cps
Barium	135-1	3956557	3971320	4000224	3976034	0.56	cps
Barium	137-1	6848825	6879059	6814593	6847492	0.47	cps
Beryllium	9-1	411743	411308	411618	411556	0.05	cps
Bismuth	209-1	6732510	6687873	6839002	6753129	1.15	cps
Bismuth	209-2	1916272	1991591	1973589	1960484	2.01	cps
Boron	10-1	45515	45782	47446	46248	2.26	cps
Boron	11-1	221553	228568	232640	227587	2.46	cps
Cadmium	111-1	808301	806272	806384	806986	0.14	cps
Cadmium	106-1	84933	83332	86050	84771	1.61	cps
Cadmium	108-1	57050	57313	57644	57335	0.52	cps
Calcium	43-1	761154	758186	759379	759573	0.20	cps
Calcium	44-1	12540564	12540378	12464360	12515101	0.35	cps
Chromium	52-2	356852	357968	357250	357357	0.16	cps
Cobalt	59-2	766022	765501	764117	765213	0.13	cps
Copper	63-2	1308929	1311816	1301823	1307522	0.39	cps
Dysprosium	156-1	42	125	42	69	69.28	cps
Dysprosium	156-2	23	7	10	13	66.12	cps
Erbium	164-1	75	75	8	53	72.93	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	92	25	67	61	55.11	cps
Gadolinium	160-2	13	3	20	12	68.66	cps
Holmium	165-1	9986612	9991719	10134591	10037641	0.84	cps
Holmium	165-2	2292900	2358350	2341048	2330766	1.46	cps
Indium	115-1	7555276	7528347	7762089	7615237	1.68	cps
Indium	115-2	356457	362685	358354	359165	0.89	cps
Iron	56-2	12136934	12152262	12169646	12152947	0.13	cps
Iron	57-2	302397	303516	303767	303227	0.24	cps
Krypton	83-1	313	313	380	336	11.47	cps
Lead	206-1	2526665	2549454	2509056	2528392	0.80	cps
Lead	207-1	2315085	2374020	2318251	2335785	1.42	cps
Lead	208-1	10377747	10451559	10302820	10377375	0.72	cps
Lithium	6-1	845691	850499	860726	852305	0.90	cps
Magnesium	24-2	1331143	1331509	1317411	1326687	0.61	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	PB112929BS	Instrumnet Name :	P8
Client Sample ID :	PB112929BS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:47:52	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	209675	208473	207280	208476	0.57	cps
Molybdenum	94-1	6135935	6135944	6061023	6110967	0.71	cps
Molybdenum	95-1	7563690	7516125	7526976	7535597	0.33	cps
Molybdenum	96-1	8449056	8492240	8382741	8441346	0.65	cps
Molybdenum	97-1	4784478	4800066	4780497	4788347	0.22	cps
Molybdenum	98-1	12113564	12111517	12071552	12098877	0.20	cps
Neodymium	150-1	120	147	140	136	10.24	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	224680	227493	225231	225801	0.66	cps
Phosphorus	31-2	3859	4209	3817	3962	5.43	cps
Potassium	39-2	356933	360166	354187	357095	0.84	cps
Rhodium	103-1	7067822	6980145	7067925	7038631	0.72	cps
Rhodium	103-2	2031323	2068143	2062052	2053839	0.96	cps
Scandium	45-1	4292494	4216406	4341492	4283464	1.47	cps
Scandium	45-2	38386	39432	38499	38772	1.48	cps
Selenium	77-2	323	303	287	304	6.03	cps
Selenium	78-2	1124	1104	1109	1112	0.95	cps
Selenium	82-1	49138	49544	49417	49366	0.42	cps
Silicon	28-1	1861678	1858690	1853632	1858000	0.22	cps
Silver	109-1	3901545	3879079	3912517	3897714	0.44	cps
Silver	107-1	4074980	4057786	4039186	4057317	0.44	cps
Sodium	23-2	2994373	2999074	2981130	2991526	0.31	cps
Strontium	86-1	938700	938391	940822	939304	0.14	cps
Strontium	88-1	8241363	8282336	8222356	8248685	0.37	cps
Sulfur	34-1	496999	496979	492825	495601	0.49	cps
Terbium	159-1	10350227	10212238	10534035	10365500	1.56	cps
Terbium	159-2	2235143	2257561	2263488	2252064	0.66	cps
Thallium	203-1	3160161	3140941	3138865	3146656	0.37	cps
Thallium	205-1	7417025	7445589	7258814	7373809	1.36	cps
Tin	118-1	2524104	2525202	2563600	2537635	0.89	cps
Titanium	47-1	1895991	1906777	1921537	1908102	0.67	cps
Uranium	238-1	9841845	9878342	9860210	9860132	0.19	cps
Vanadium	51-2	267935	265775	265879	266530	0.46	cps
Yttrium	89-1	7817764	7791877	8020647	7876763	1.59	cps
Yttrium	89-2	268120	275130	269359	270870	1.38	cps
Zinc	66-2	127768	127949	126015	127244	0.84	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	PB112929BS	Instrumnet Name :	P8
Client Sample ID :	PB112929BS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:47:52	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5190528	5162320	5132348	5161732	0.56	cps
Zirconium	91-1	1137473	1139106	1128287	1134955	0.51	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-01	Instrumnet Name :	P8
Client Sample ID :	S13-0256	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:51:05	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	123	105	118	9.27	cps
Antimony	121-1	23588	21919	20892	22133	6.15	cps
Arsenic	75-2	4955	4768	4895	4873	1.96	cps
Barium	135-1	23956	23655	23322	23644	1.34	cps
Barium	137-1	40914	41876	42261	41684	1.66	cps
Beryllium	9-1	233	222	350	269	26.36	cps
Bismuth	209-1	6752404	6836349	6924525	6837760	1.26	cps
Bismuth	209-2	1856706	1847494	1847346	1850515	0.29	cps
Boron	10-1	10913	11138	11013	11021	1.02	cps
Boron	11-1	53409	53919	53585	53637	0.48	cps
Cadmium	111-1	1541	1493	1420	1485	4.10	cps
Cadmium	106-1	1483	1567	1592	1547	3.67	cps
Cadmium	108-1	50	29	33	38	29.40	cps
Calcium	43-1	241807	238381	237787	239325	0.91	cps
Calcium	44-1	3994582	3971280	4000274	3988712	0.39	cps
Chromium	52-2	1783	1490	1530	1601	9.94	cps
Cobalt	59-2	16397	16590	16850	16612	1.37	cps
Copper	63-2	8926	8926	8976	8943	0.32	cps
Dysprosium	156-1	450	500	492	481	5.57	cps
Dysprosium	156-2	143	93	97	111	25.16	cps
Erbium	164-1	317	325	433	358	18.16	cps
Erbium	164-2	100	103	103	102	1.89	cps
Gadolinium	160-1	558	525	500	528	5.54	cps
Gadolinium	160-2	113	133	167	138	19.55	cps
Holmium	165-1	9245800	9429235	9606516	9427183	1.91	cps
Holmium	165-2	2066935	2082413	2066226	2071858	0.44	cps
Indium	115-1	7101236	7305991	7322412	7243213	1.70	cps
Indium	115-2	315120	316062	311470	314217	0.77	cps
Iron	56-2	20461716	20352491	20067037	20293748	1.00	cps
Iron	57-2	512323	507088	499838	506416	1.24	cps
Krypton	83-1	510	457	417	461	10.16	cps
Lead	206-1	4462	3523	3089	3691	19.01	cps
Lead	207-1	4073	3328	2862	3421	17.86	cps
Lead	208-1	18489	14726	12820	15345	18.80	cps
Lithium	6-1	1085475	1104588	1120725	1103596	1.60	cps
Magnesium	24-2	117271	114147	111904	114441	2.36	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-01	Instrumnet Name :	P8
Client Sample ID :	S13-0256	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:51:05	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	670944	659180	655120	661748	1.24	cps
Molybdenum	94-1	5835	5343	5035	5404	7.47	cps
Molybdenum	95-1	6102	5643	4759	5501	12.40	cps
Molybdenum	96-1	6952	6427	6035	6471	7.11	cps
Molybdenum	97-1	3917	3492	3176	3528	10.55	cps
Molybdenum	98-1	9228	8945	8153	8775	6.35	cps
Neodymium	150-1	593	640	587	607	4.79	cps
Neodymium	150-2	63	67	57	62	8.18	cps
Nickel	60-2	2950	2974	2934	2953	0.68	cps
Phosphorus	31-2	42	0	25	22	94.38	cps
Potassium	39-2	29014	29114	29072	29067	0.17	cps
Rhodium	103-1	6371567	6499974	6559406	6476982	1.48	cps
Rhodium	103-2	1874580	1863594	1854496	1864224	0.54	cps
Scandium	45-1	3704137	3731989	3729933	3722020	0.42	cps
Scandium	45-2	31465	30423	29715	30534	2.88	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	4	7	7	6	34.70	cps
Selenium	82-1	-95	21	18	-19	-353.68	cps
Silicon	28-1	30585863	30271736	30174199	30343933	0.71	cps
Silver	109-1	10613	9796	9654	10021	5.17	cps
Silver	107-1	10730	11030	9737	10499	6.44	cps
Sodium	23-2	397713	391419	384381	391171	1.71	cps
Strontium	86-1	307496	310572	309189	309086	0.50	cps
Strontium	88-1	2760423	2725921	2771425	2752589	0.86	cps
Sulfur	34-1	239157	235263	232675	235699	1.38	cps
Terbium	159-1	9522932	9737538	9904182	9721551	1.97	cps
Terbium	159-2	1996460	2024285	1994218	2004988	0.84	cps
Thallium	203-1	14718	10363	7144	10742	35.39	cps
Thallium	205-1	35518	24892	17446	25952	35.00	cps
Tin	118-1	23154	23162	22829	23048	0.83	cps
Titanium	47-1	1017	1284	975	1092	15.33	cps
Uranium	238-1	3901	3726	4018	3881	3.78	cps
Vanadium	51-2	170	150	117	146	18.51	cps
Yttrium	89-1	7066373	7146601	7171727	7128234	0.77	cps
Yttrium	89-2	228468	228030	224666	227055	0.92	cps
Zinc	66-2	2107	2080	2254	2147	4.35	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-01	Instrumnet Name :	P8
Client Sample ID :	S13-0256	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:51:05	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6735	5526	4993	5752	15.52	cps
Zirconium	91-1	1617	1475	1308	1467	10.52	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03	Instrumnet Name :	P8
Client Sample ID :	S13-0242	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:54:25	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	205	195	195	198	2.91	cps
Antimony	121-1	12657	13274	13791	13241	4.29	cps
Arsenic	75-2	81	78	67	75	10.23	cps
Barium	135-1	14325	14033	14433	14264	1.45	cps
Barium	137-1	25884	24649	26444	25659	3.58	cps
Beryllium	9-1	256	178	217	217	17.95	cps
Bismuth	209-1	6839059	6787746	6855581	6827462	0.52	cps
Bismuth	209-2	1789002	1800602	1782028	1790544	0.52	cps
Boron	10-1	3526	3634	3401	3520	3.32	cps
Boron	11-1	16777	16577	15951	16435	2.62	cps
Cadmium	111-1	1136	1031	1173	1113	6.66	cps
Cadmium	106-1	1408	1300	1558	1422	9.12	cps
Cadmium	108-1	29	13	25	22	39.04	cps
Calcium	43-1	1004763	1000365	1000865	1001998	0.24	cps
Calcium	44-1	16484950	16481898	16456522	16474457	0.09	cps
Chromium	52-2	1763	1767	1790	1773	0.82	cps
Cobalt	59-2	177	167	153	166	7.07	cps
Copper	63-2	9567	9830	10014	9804	2.29	cps
Dysprosium	156-1	92	133	142	122	21.92	cps
Dysprosium	156-2	27	17	47	30	50.91	cps
Erbium	164-1	200	233	258	231	12.69	cps
Erbium	164-2	40	40	30	37	15.75	cps
Gadolinium	160-1	175	242	217	211	15.95	cps
Gadolinium	160-2	43	63	23	43	46.16	cps
Holmium	165-1	9732006	9724837	9761718	9739520	0.20	cps
Holmium	165-2	2060994	2073117	2050962	2061691	0.54	cps
Indium	115-1	7177570	7121309	7201854	7166911	0.58	cps
Indium	115-2	305610	304841	301868	304106	0.65	cps
Iron	56-2	26359	26003	25596	25986	1.47	cps
Iron	57-2	622	661	767	683	10.94	cps
Krypton	83-1	413	343	320	359	13.53	cps
Lead	206-1	2628	2556	2589	2591	1.40	cps
Lead	207-1	2239	2423	2184	2282	5.48	cps
Lead	208-1	10491	10508	9963	10320	3.00	cps
Lithium	6-1	1173260	1196143	1189198	1186200	0.99	cps
Magnesium	24-2	283288	277765	277675	279576	1.15	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03	Instrumnet Name :	P8
Client Sample ID :	S13-0242	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:54:25	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1063	850	917	943	11.57	cps
Molybdenum	94-1	1584	1242	1550	1458	12.92	cps
Molybdenum	95-1	1400	1100	1017	1172	17.20	cps
Molybdenum	96-1	1533	1450	1342	1442	6.67	cps
Molybdenum	97-1	942	875	858	892	4.95	cps
Molybdenum	98-1	2317	2217	2159	2231	3.59	cps
Neodymium	150-1	113	127	167	136	20.47	cps
Neodymium	150-2	13	23	23	20	28.87	cps
Nickel	60-2	1977	1964	2160	2034	5.41	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	24055	23888	23379	23774	1.48	cps
Rhodium	103-1	6448450	6272768	6454175	6391797	1.61	cps
Rhodium	103-2	1812384	1814590	1830746	1819240	0.55	cps
Scandium	45-1	3568529	3563259	3527668	3553152	0.63	cps
Scandium	45-2	28980	28319	27911	28403	1.90	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	-11	-1	65	18	234.76	cps
Silicon	28-1	15330430	15297056	15374316	15333934	0.25	cps
Silver	109-1	3959	3934	4343	4079	5.61	cps
Silver	107-1	4576	4368	3984	4309	6.97	cps
Sodium	23-2	3645164	3581420	3570605	3599063	1.12	cps
Strontium	86-1	945963	953497	956304	951921	0.56	cps
Strontium	88-1	8346344	8426271	8424362	8398992	0.54	cps
Sulfur	34-1	353900	354720	354457	354359	0.12	cps
Terbium	159-1	9985213	9980330	10121432	10028992	0.80	cps
Terbium	159-2	1993686	1998098	1958850	1983544	1.08	cps
Thallium	203-1	1142	1267	1075	1161	8.38	cps
Thallium	205-1	2759	2842	2717	2773	2.30	cps
Tin	118-1	21268	21718	21426	21471	1.06	cps
Titanium	47-1	583	783	675	681	14.71	cps
Uranium	238-1	5610	5243	5143	5332	4.61	cps
Vanadium	51-2	83	93	113	97	15.81	cps
Yttrium	89-1	7015891	6976167	7096573	7029543	0.87	cps
Yttrium	89-2	219467	218600	216063	218043	0.81	cps
Zinc	66-2	3214	3010	3244	3156	4.02	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03	Instrumnet Name :	P8
Client Sample ID :	S13-0242	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:54:25	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2067	1925	2009	2000	3.56	cps
Zirconium	91-1	442	475	433	450	4.90	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03DUP	Instrumnet Name :	P8
Client Sample ID :	S13-0242DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:57:46	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	153	188	230	190	20.43	cps
Antimony	121-1	13332	14150	14166	13883	3.44	cps
Arsenic	75-2	85	102	74	87	16.06	cps
Barium	135-1	14667	14367	14992	14675	2.13	cps
Barium	137-1	25475	25016	25325	25272	0.93	cps
Beryllium	9-1	144	139	161	148	7.81	cps
Bismuth	209-1	6874126	6898022	6955830	6909326	0.61	cps
Bismuth	209-2	1778411	1616215	1768442	1721023	5.28	cps
Boron	10-1	3000	2792	2775	2856	4.39	cps
Boron	11-1	13749	13582	12664	13332	4.38	cps
Cadmium	111-1	1042	1253	1109	1135	9.54	cps
Cadmium	106-1	1342	1650	1492	1495	10.32	cps
Cadmium	108-1	8	8	21	12	57.75	cps
Calcium	43-1	990433	985775	992389	989532	0.34	cps
Calcium	44-1	16338531	16368942	16165158	16290877	0.67	cps
Chromium	52-2	1677	1663	1737	1692	2.31	cps
Cobalt	59-2	163	147	153	154	5.43	cps
Copper	63-2	9583	9767	10074	9808	2.53	cps
Dysprosium	156-1	142	100	192	144	31.78	cps
Dysprosium	156-2	43	33	40	39	13.09	cps
Erbium	164-1	233	208	175	206	14.24	cps
Erbium	164-2	57	27	27	37	47.23	cps
Gadolinium	160-1	225	200	175	200	12.50	cps
Gadolinium	160-2	33	50	47	43	20.36	cps
Holmium	165-1	9724847	9895046	9922837	9847577	1.09	cps
Holmium	165-2	2075548	1856854	2078332	2003578	6.34	cps
Indium	115-1	7178556	7174720	7202585	7185287	0.21	cps
Indium	115-2	298491	270255	295496	288081	5.38	cps
Iron	56-2	24188	24205	24188	24194	0.04	cps
Iron	57-2	728	700	628	685	7.53	cps
Krypton	83-1	323	343	327	331	3.24	cps
Lead	206-1	2161	2017	2206	2128	4.64	cps
Lead	207-1	1845	1867	1928	1880	2.30	cps
Lead	208-1	8274	8307	8585	8388	2.04	cps
Lithium	6-1	1200593	1207523	1227711	1211942	1.16	cps
Magnesium	24-2	272133	270606	269893	270877	0.42	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03DUP	Instrumnet Name :	P8
Client Sample ID :	S13-0242DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:57:46	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1010	970	950	977	3.13	cps
Molybdenum	94-1	1067	1208	1576	1284	20.47	cps
Molybdenum	95-1	867	767	867	833	6.93	cps
Molybdenum	96-1	1233	992	1117	1114	10.85	cps
Molybdenum	97-1	658	500	500	553	16.54	cps
Molybdenum	98-1	1692	1483	1475	1550	7.92	cps
Neodymium	150-1	113	113	113	113	0.00	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	2070	1920	1823	1938	6.41	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	22753	23429	23262	23148	1.52	cps
Rhodium	103-1	6428141	6339399	6407720	6391753	0.73	cps
Rhodium	103-2	1787681	1602366	1789725	1726591	6.23	cps
Scandium	45-1	3441565	3445650	3506937	3464718	1.06	cps
Scandium	45-2	27621	24318	27430	26456	7.01	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	6	2	0	2	114.63	cps
Selenium	82-1	-12	15	28	10	202.57	cps
Silicon	28-1	15104133	15044631	15021822	15056862	0.28	cps
Silver	109-1	2525	2525	2425	2492	2.32	cps
Silver	107-1	2667	2500	2984	2717	9.04	cps
Sodium	23-2	3514523	3486223	3492641	3497796	0.42	cps
Strontium	86-1	944657	939843	951184	945228	0.60	cps
Strontium	88-1	8364728	8413844	8424411	8400994	0.38	cps
Sulfur	34-1	351185	352776	347111	350357	0.83	cps
Terbium	159-1	10016416	10048312	10125398	10063375	0.56	cps
Terbium	159-2	1980963	1792206	1980459	1917876	5.67	cps
Thallium	203-1	650	650	633	644	1.49	cps
Thallium	205-1	1425	1433	1550	1470	4.76	cps
Tin	118-1	19874	19807	20325	20002	1.41	cps
Titanium	47-1	542	600	817	653	22.20	cps
Uranium	238-1	5560	5768	5201	5510	5.20	cps
Vanadium	51-2	93	117	63	91	29.35	cps
Yttrium	89-1	6919375	7011703	7118118	7016399	1.42	cps
Yttrium	89-2	213061	190897	210973	204977	5.97	cps
Zinc	66-2	2510	2547	2467	2508	1.60	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03DUP	Instrumnet Name :	P8
Client Sample ID :	S13-0242DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 17:57:46	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1967	1625	1842	1811	9.55	cps
Zirconium	91-1	350	458	483	431	16.46	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03LX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242L	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 18:01:06	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	70	35	46	45.74	cps
Antimony	121-1	2892	2717	2834	2814	3.17	cps
Arsenic	75-2	15	19	24	19	24.36	cps
Barium	135-1	3242	2867	3000	3037	6.26	cps
Barium	137-1	5835	5493	5551	5626	3.25	cps
Beryllium	9-1	117	133	172	141	20.26	cps
Bismuth	209-1	7056091	6953715	7344285	7118030	2.85	cps
Bismuth	209-2	1990124	1976106	1984071	1983434	0.35	cps
Boron	10-1	1267	1167	1267	1233	4.68	cps
Boron	11-1	6093	5826	5535	5818	4.80	cps
Cadmium	111-1	1236	1053	1129	1139	8.03	cps
Cadmium	106-1	1742	1433	1575	1584	9.75	cps
Cadmium	108-1	13	0	4	6	114.53	cps
Calcium	43-1	215885	218905	220439	218410	1.06	cps
Calcium	44-1	3653614	3655773	3626914	3645433	0.44	cps
Chromium	52-2	810	730	823	788	6.41	cps
Cobalt	59-2	87	70	103	87	19.23	cps
Copper	63-2	3407	3424	3437	3423	0.44	cps
Dysprosium	156-1	25	58	25	36	53.30	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	83	92	83	86	5.58	cps
Erbium	164-2	23	20	7	17	52.90	cps
Gadolinium	160-1	67	83	108	86	24.35	cps
Gadolinium	160-2	10	27	10	16	61.87	cps
Holmium	165-1	10189460	9891256	10504344	10195020	3.01	cps
Holmium	165-2	2286314	2266468	2272836	2275206	0.45	cps
Indium	115-1	7379425	7408819	7709439	7499227	2.44	cps
Indium	115-2	337210	337584	337615	337470	0.07	cps
Iron	56-2	6980	6413	6657	6683	4.26	cps
Iron	57-2	117	200	144	154	27.61	cps
Krypton	83-1	257	303	377	312	19.38	cps
Lead	206-1	578	561	650	596	7.92	cps
Lead	207-1	506	561	517	528	5.57	cps
Lead	208-1	2472	2661	2406	2513	5.28	cps
Lithium	6-1	997164	981056	1029839	1002686	2.48	cps
Magnesium	24-2	61174	62647	63342	62388	1.77	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03LX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242L	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 18:01:06	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	260	327	283	290	11.67	cps
Molybdenum	94-1	558	483	642	561	14.12	cps
Molybdenum	95-1	542	492	508	514	4.95	cps
Molybdenum	96-1	608	733	658	667	9.44	cps
Molybdenum	97-1	358	258	433	350	25.09	cps
Molybdenum	98-1	800	717	767	761	5.51	cps
Neodymium	150-1	33	20	27	27	25.01	cps
Neodymium	150-2	13	3	0	6	124.93	cps
Nickel	60-2	1540	1370	1323	1411	8.08	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	6969	7494	7344	7269	3.72	cps
Rhodium	103-1	6814756	6767758	7121580	6901364	2.78	cps
Rhodium	103-2	2017008	2071589	2017567	2035388	1.54	cps
Scandium	45-1	3772418	3694850	4000904	3822724	4.16	cps
Scandium	45-2	32407	32120	33233	32587	1.77	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	79	51	-30	33	168.96	cps
Silicon	28-1	3648679	3616229	3658254	3641054	0.60	cps
Silver	109-1	1050	1233	1058	1114	9.29	cps
Silver	107-1	1100	1175	950	1075	10.66	cps
Sodium	23-2	792525	785165	788766	788819	0.47	cps
Strontium	86-1	202556	201523	202826	202302	0.34	cps
Strontium	88-1	1829474	1833677	1812984	1825378	0.60	cps
Sulfur	34-1	277023	274151	277067	276080	0.61	cps
Terbium	159-1	10469251	10163626	10758832	10463903	2.84	cps
Terbium	159-2	2194450	2198415	2181803	2191556	0.40	cps
Thallium	203-1	317	258	275	283	10.60	cps
Thallium	205-1	600	467	483	517	14.06	cps
Tin	118-1	3692	3484	3576	3584	2.91	cps
Titanium	47-1	175	292	308	258	28.12	cps
Uranium	238-1	1267	1183	1000	1150	11.86	cps
Vanadium	51-2	47	43	20	37	39.63	cps
Yttrium	89-1	7416003	7284356	7685442	7461934	2.74	cps
Yttrium	89-2	244937	247376	244888	245734	0.58	cps
Zinc	66-2	753	737	777	756	2.66	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03LX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242L	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 18:01:06	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	808	708	658	725	10.53	cps
Zirconium	91-1	150	183	158	164	10.58	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-04	Instrumnet Name :	P8
Client Sample ID :	S13-0242MS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:04:28	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35987	37000	35894	36294	1.69	cps
Antimony	121-1	3403095	3403935	3403126	3403385	0.01	cps
Arsenic	75-2	33633	34231	33793	33886	0.91	cps
Barium	135-1	3574296	3586269	3572732	3577766	0.21	cps
Barium	137-1	6174532	6165369	6135671	6158524	0.33	cps
Beryllium	9-1	317927	314493	316574	316331	0.55	cps
Bismuth	209-1	6861263	6903750	6854277	6873097	0.39	cps
Bismuth	209-2	1694720	1735326	1731000	1720349	1.30	cps
Boron	10-1	36781	37142	37868	37264	1.49	cps
Boron	11-1	172433	175748	180750	176310	2.37	cps
Cadmium	111-1	689075	694539	699682	694432	0.76	cps
Cadmium	106-1	71834	71447	71474	71585	0.30	cps
Cadmium	108-1	49252	49411	48537	49067	0.95	cps
Calcium	43-1	1572116	1559851	1557070	1563012	0.51	cps
Calcium	44-1	25195323	25146149	25236664	25192712	0.18	cps
Chromium	52-2	260166	258593	255605	258121	0.90	cps
Cobalt	59-2	574058	569565	570358	571327	0.42	cps
Copper	63-2	1005581	1008710	1001421	1005237	0.36	cps
Dysprosium	156-1	125	192	150	156	21.65	cps
Dysprosium	156-2	23	23	30	26	15.07	cps
Erbium	164-1	225	125	208	186	28.79	cps
Erbium	164-2	40	53	37	43	20.34	cps
Gadolinium	160-1	183	158	217	186	15.73	cps
Gadolinium	160-2	37	53	37	42	22.78	cps
Holmium	165-1	9971713	9880945	10006251	9952970	0.65	cps
Holmium	165-2	2029622	2087490	2072600	2063237	1.46	cps
Indium	115-1	6916238	6970626	7069641	6985501	1.11	cps
Indium	115-2	282916	287542	283625	284694	0.88	cps
Iron	56-2	8846000	8781494	8757870	8795121	0.52	cps
Iron	57-2	220155	220432	219315	219967	0.26	cps
Krypton	83-1	340	327	347	338	3.01	cps
Lead	206-1	2476382	2471459	2499017	2482286	0.59	cps
Lead	207-1	2227605	2214149	2220293	2220682	0.30	cps
Lead	208-1	10040116	10067347	10098261	10068574	0.29	cps
Lithium	6-1	1123811	1123379	1158254	1135148	1.76	cps
Magnesium	24-2	1190422	1179069	1183848	1184446	0.48	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-04	Instrumnet Name :	P8
Client Sample ID :	S13-0242MS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:04:28	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	143723	144660	142601	143662	0.72	cps
Molybdenum	94-1	5297661	5269550	5318237	5295150	0.46	cps
Molybdenum	95-1	6430604	6532269	6495117	6485997	0.79	cps
Molybdenum	96-1	7142469	7247023	7275257	7221583	0.97	cps
Molybdenum	97-1	4063813	4115397	4148958	4109389	1.04	cps
Molybdenum	98-1	10301534	10561433	10395667	10419544	1.26	cps
Neodymium	150-1	300	227	193	240	22.74	cps
Neodymium	150-2	10	17	20	16	32.73	cps
Nickel	60-2	172965	170337	171865	171722	0.77	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	249637	250789	245430	248619	1.13	cps
Rhodium	103-1	6328492	6396874	6354556	6359974	0.54	cps
Rhodium	103-2	1755880	1780152	1784122	1773385	0.86	cps
Scandium	45-1	3486325	3497718	3548035	3510693	0.94	cps
Scandium	45-2	27183	27774	27581	27513	1.10	cps
Selenium	77-2	230	190	253	224	14.27	cps
Selenium	78-2	835	780	798	804	3.52	cps
Selenium	82-1	41338	41263	41445	41348	0.22	cps
Silicon	28-1	15248104	15028835	14933687	15070209	1.07	cps
Silver	109-1	3207442	3227834	3252785	3229354	0.70	cps
Silver	107-1	3342971	3393525	3368994	3368497	0.75	cps
Sodium	23-2	5278417	5289225	5212912	5260185	0.79	cps
Strontium	86-1	1708476	1724681	1742930	1725362	1.00	cps
Strontium	88-1	14886113	14870519	14861308	14872647	0.08	cps
Sulfur	34-1	345914	345542	343392	344949	0.39	cps
Terbium	159-1	10050689	10077106	10182837	10103544	0.69	cps
Terbium	159-2	1958178	1975922	1992700	1975600	0.87	cps
Thallium	203-1	3063040	3051406	3099938	3071461	0.82	cps
Thallium	205-1	7296994	7178588	7295448	7257010	0.94	cps
Tin	118-1	2090176	2100601	2115908	2102228	0.62	cps
Titanium	47-1	1469553	1481339	1468410	1473101	0.49	cps
Uranium	238-1	10291089	10503285	10475993	10423456	1.11	cps
Vanadium	51-2	190199	191657	190192	190683	0.44	cps
Yttrium	89-1	6950685	7062040	7029447	7014057	0.82	cps
Yttrium	89-2	207623	210191	211308	209707	0.90	cps
Zinc	66-2	90459	90838	89265	90187	0.91	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-04	Instrumnet Name :	P8
Client Sample ID :	S13-0242MS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:04:28	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4450483	4415251	4373658	4413131	0.87	cps
Zirconium	91-1	961122	967696	963083	963967	0.35	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-05	Instrumnet Name :	P8
Client Sample ID :	S13-0242MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:07:42	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42208	41621	41285	41705	1.12	cps
Antimony	121-1	4042717	4020811	4009364	4024297	0.42	cps
Arsenic	75-2	39822	39928	39001	39584	1.28	cps
Barium	135-1	4247733	4208928	4190625	4215762	0.69	cps
Barium	137-1	7285937	7302190	7295909	7294679	0.11	cps
Beryllium	9-1	372961	373222	366653	370945	1.00	cps
Bismuth	209-1	7499610	7427761	7369748	7432373	0.88	cps
Bismuth	209-2	1760985	1854771	1863991	1826582	3.12	cps
Boron	10-1	43459	43943	44186	43863	0.84	cps
Boron	11-1	206263	206535	208029	206942	0.46	cps
Cadmium	111-1	832065	831318	827242	830208	0.31	cps
Cadmium	106-1	83500	85563	84598	84554	1.22	cps
Cadmium	108-1	57748	58882	57840	58157	1.08	cps
Calcium	43-1	1839366	1807340	1828413	1825040	0.89	cps
Calcium	44-1	29780263	29466359	29134346	29460323	1.10	cps
Chromium	52-2	298908	294239	291370	294839	1.29	cps
Cobalt	59-2	658311	655293	647758	653787	0.83	cps
Copper	63-2	1181495	1166679	1156244	1168139	1.09	cps
Dysprosium	156-1	208	167	158	178	15.06	cps
Dysprosium	156-2	43	20	53	39	43.98	cps
Erbium	164-1	300	175	225	233	26.96	cps
Erbium	164-2	43	40	53	46	15.23	cps
Gadolinium	160-1	283	250	258	264	6.57	cps
Gadolinium	160-2	40	40	50	43	13.32	cps
Holmium	165-1	10961582	10943217	10893617	10932806	0.32	cps
Holmium	165-2	2102637	2200075	2173028	2158580	2.33	cps
Indium	115-1	7810743	7809214	7768860	7796272	0.30	cps
Indium	115-2	294664	307428	303089	301727	2.15	cps
Iron	56-2	10270041	10033629	9968939	10090870	1.57	cps
Iron	57-2	256394	250229	249584	252069	1.49	cps
Krypton	83-1	393	350	400	381	7.12	cps
Lead	206-1	2943482	2928486	2942158	2938042	0.28	cps
Lead	207-1	2668984	2604642	2637475	2637034	1.22	cps
Lead	208-1	12020980	11876635	11903731	11933782	0.64	cps
Lithium	6-1	1217257	1234980	1213033	1221757	0.95	cps
Magnesium	24-2	1347631	1345445	1310733	1334603	1.55	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-05	Instrumnet Name :	P8
Client Sample ID :	S13-0242MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:07:42	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	168080	164758	161231	164690	2.08	cps
Molybdenum	94-1	6221182	6193601	6175517	6196767	0.37	cps
Molybdenum	95-1	7631048	7640662	7661917	7644542	0.21	cps
Molybdenum	96-1	8539743	8506469	8435959	8494057	0.62	cps
Molybdenum	97-1	4856971	4880600	4798775	4845449	0.87	cps
Molybdenum	98-1	12461708	12444840	12287861	12398136	0.77	cps
Neodymium	150-1	300	240	320	287	14.52	cps
Neodymium	150-2	13	27	13	18	43.33	cps
Nickel	60-2	199987	196356	196350	197565	1.06	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	287828	281774	280959	283520	1.32	cps
Rhodium	103-1	6908537	6868042	6889109	6888563	0.29	cps
Rhodium	103-2	1814053	1861938	1889498	1855163	2.06	cps
Scandium	45-1	3768282	3811943	3740641	3773622	0.95	cps
Scandium	45-2	28205	29668	29404	29093	2.68	cps
Selenium	77-2	247	273	257	259	5.20	cps
Selenium	78-2	902	952	920	925	2.73	cps
Selenium	82-1	49716	49063	48911	49230	0.87	cps
Silicon	28-1	17826843	17551247	17272694	17550261	1.58	cps
Silver	109-1	3782316	3777128	3794927	3784790	0.24	cps
Silver	107-1	4036524	3971242	3966460	3991409	0.98	cps
Sodium	23-2	6062003	6011806	5936026	6003278	1.06	cps
Strontium	86-1	2068701	2019110	2028914	2038908	1.29	cps
Strontium	88-1	17719270	17485601	17573930	17592934	0.67	cps
Sulfur	34-1	358813	353569	349138	353840	1.37	cps
Terbium	159-1	11218224	11156158	11011987	11128789	0.95	cps
Terbium	159-2	2043037	2128066	2087920	2086341	2.04	cps
Thallium	203-1	3650132	3621840	3610376	3627449	0.56	cps
Thallium	205-1	8671123	8544238	8503534	8572965	1.02	cps
Tin	118-1	2526901	2526732	2531596	2528409	0.11	cps
Titanium	47-1	1722243	1717944	1699414	1713200	0.71	cps
Uranium	238-1	12524191	12499539	12468600	12497443	0.22	cps
Vanadium	51-2	220676	215690	215204	217190	1.39	cps
Yttrium	89-1	7684844	7617950	7638443	7647079	0.45	cps
Yttrium	89-2	214318	222643	222162	219708	2.13	cps
Zinc	66-2	108141	105917	105501	106519	1.33	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-05	Instrumnet Name :	P8
Client Sample ID :	S13-0242MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:07:42	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5187040	5133201	5130652	5150298	0.62	cps
Zirconium	91-1	1145773	1137299	1136518	1139864	0.45	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03A	Instrumnet Name :	P8
Client Sample ID :	S13-0242A	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:10:55	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	37366	37757	37290	37471	0.67	cps
Antimony	121-1	3619862	3614816	3640874	3625184	0.38	cps
Arsenic	75-2	35978	35939	35614	35844	0.56	cps
Barium	135-1	3789521	3754299	3832480	3792100	1.03	cps
Barium	137-1	6494105	6527158	6528263	6516509	0.30	cps
Beryllium	9-1	331110	331925	331357	331464	0.13	cps
Bismuth	209-1	6889538	6898365	6980778	6922894	0.73	cps
Bismuth	209-2	1702758	1746150	1733731	1727546	1.29	cps
Boron	10-1	39681	39764	40792	40079	1.54	cps
Boron	11-1	187655	190649	195920	191408	2.19	cps
Cadmium	111-1	741611	734440	743139	739730	0.63	cps
Cadmium	106-1	75687	75620	76090	75799	0.33	cps
Cadmium	108-1	51536	52347	51251	51711	1.10	cps
Calcium	43-1	1622431	1636527	1617443	1625467	0.61	cps
Calcium	44-1	26228803	26370525	26253420	26284249	0.29	cps
Chromium	52-2	268625	269363	266851	268280	0.48	cps
Cobalt	59-2	594774	594554	589542	592957	0.50	cps
Copper	63-2	1058721	1055965	1048696	1054461	0.49	cps
Dysprosium	156-1	125	117	167	136	19.68	cps
Dysprosium	156-2	30	50	43	41	24.77	cps
Erbium	164-1	250	267	150	222	28.39	cps
Erbium	164-2	43	53	40	46	15.23	cps
Gadolinium	160-1	217	200	225	214	5.95	cps
Gadolinium	160-2	43	33	23	33	30.00	cps
Holmium	165-1	10078546	10074292	10122089	10091642	0.26	cps
Holmium	165-2	2012630	2069742	2089810	2057394	1.95	cps
Indium	115-1	7067376	7073925	7091872	7077725	0.18	cps
Indium	115-2	275393	286393	285607	282464	2.17	cps
Iron	56-2	9217017	9149767	9092186	9152990	0.68	cps
Iron	57-2	229425	232230	226019	229225	1.36	cps
Krypton	83-1	377	383	373	378	1.35	cps
Lead	206-1	2606263	2652235	2680846	2646448	1.42	cps
Lead	207-1	2358956	2369335	2369200	2365830	0.25	cps
Lead	208-1	10698910	10732253	10821190	10750784	0.59	cps
Lithium	6-1	1128817	1116876	1147089	1130927	1.35	cps
Magnesium	24-2	1217128	1223575	1217902	1219535	0.29	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03A	Instrumnet Name :	P8
Client Sample ID :	S13-0242A	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:10:55	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	149159	150184	148297	149213	0.63	cps
Molybdenum	94-1	5558265	5569756	5562365	5563462	0.10	cps
Molybdenum	95-1	6887898	6847211	6929677	6888262	0.60	cps
Molybdenum	96-1	7612570	7566470	7670781	7616607	0.69	cps
Molybdenum	97-1	4327989	4330748	4359294	4339343	0.40	cps
Molybdenum	98-1	10949149	10906658	10931616	10929141	0.20	cps
Neodymium	150-1	300	193	273	256	21.72	cps
Neodymium	150-2	20	17	27	21	24.12	cps
Nickel	60-2	179054	180036	177572	178887	0.69	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	254629	259679	255465	256591	1.05	cps
Rhodium	103-1	6392951	6382843	6394570	6390121	0.10	cps
Rhodium	103-2	1710100	1778040	1773799	1753980	2.17	cps
Scandium	45-1	3494639	3531313	3487645	3504533	0.67	cps
Scandium	45-2	26596	27357	27400	27118	1.67	cps
Selenium	77-2	233	240	163	212	20.01	cps
Selenium	78-2	720	859	802	794	8.79	cps
Selenium	82-1	44061	43833	44273	44056	0.50	cps
Silicon	28-1	15512319	15534458	15562347	15536374	0.16	cps
Silver	109-1	3411572	3419202	3414752	3415176	0.11	cps
Silver	107-1	3557653	3585138	3556203	3566332	0.46	cps
Sodium	23-2	5489184	5530979	5494617	5504926	0.41	cps
Strontium	86-1	1821879	1824798	1816777	1821152	0.22	cps
Strontium	88-1	15763852	15688922	15659248	15704007	0.34	cps
Sulfur	34-1	339109	336941	333253	336434	0.88	cps
Terbium	159-1	10246746	10262587	10151303	10220212	0.59	cps
Terbium	159-2	1931013	1992962	1984654	1969543	1.71	cps
Thallium	203-1	3274472	3255456	3298115	3276014	0.65	cps
Thallium	205-1	7662828	7734710	7837361	7744966	1.13	cps
Tin	118-1	2261235	2246419	2247622	2251758	0.37	cps
Titanium	47-1	1517430	1537565	1531476	1528824	0.68	cps
Uranium	238-1	11106881	11138262	11125477	11123540	0.14	cps
Vanadium	51-2	197735	199251	197735	198240	0.44	cps
Yttrium	89-1	7052797	7090118	7026359	7056425	0.45	cps
Yttrium	89-2	204508	211572	210118	208732	1.79	cps
Zinc	66-2	96268	94955	95059	95427	0.76	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03A	Instrumnet Name :	P8
Client Sample ID :	S13-0242A	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:10:55	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4622693	4642795	4594255	4619915	0.53	cps
Zirconium	91-1	1009960	1016963	1023550	1016824	0.67	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P8
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:14:19	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	236802	235511	236535	236283	0.29	cps
Antimony	121-1	3312391	3307966	3317290	3312549	0.14	cps
Arsenic	75-2	39766	39818	39900	39828	0.17	cps
Barium	135-1	4013750	4017882	3996377	4009336	0.28	cps
Barium	137-1	6974148	6968741	6976336	6973075	0.06	cps
Beryllium	9-1	384008	383546	385234	384263	0.23	cps
Bismuth	209-1	6985546	7054731	7013524	7017934	0.50	cps
Bismuth	209-2	1861082	1871144	1768766	1833664	3.08	cps
Boron	10-1	44955	47429	47914	46766	3.39	cps
Boron	11-1	221806	223879	227198	224295	1.21	cps
Cadmium	111-1	783683	783137	781804	782875	0.12	cps
Cadmium	106-1	81220	80776	80884	80960	0.29	cps
Cadmium	108-1	54422	54874	55033	54776	0.58	cps
Calcium	43-1	3438736	3435651	3386237	3420208	0.86	cps
Calcium	44-1	55671364	55556222	55557285	55594957	0.12	cps
Chromium	52-2	313170	309008	311011	311063	0.67	cps
Cobalt	59-2	660281	661332	657143	659585	0.33	cps
Copper	63-2	1129181	1122646	1119782	1123870	0.43	cps
Dysprosium	156-1	83	58	67	69	18.33	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	17	83	75	58	62.27	cps
Erbium	164-2	20	20	13	18	21.66	cps
Gadolinium	160-1	125	117	50	97	42.28	cps
Gadolinium	160-2	20	17	20	19	10.18	cps
Holmium	165-1	10503912	10477720	10733449	10571694	1.33	cps
Holmium	165-2	2268172	2229324	2139492	2212330	2.98	cps
Indium	115-1	7394387	7471023	7488359	7451256	0.67	cps
Indium	115-2	317101	319511	303796	313469	2.70	cps
Iron	56-2	51149739	50762632	50869046	50927139	0.39	cps
Iron	57-2	1279177	1272164	1270516	1273952	0.36	cps
Krypton	83-1	383	390	313	362	11.73	cps
Lead	206-1	2721929	2730575	2728176	2726893	0.16	cps
Lead	207-1	2535880	2495770	2482622	2504757	1.11	cps
Lead	208-1	11179638	11155462	11100355	11145152	0.36	cps
Lithium	6-1	850288	856709	858349	855115	0.50	cps
Magnesium	24-2	5146673	5115930	5141978	5134860	0.32	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P8
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:14:19	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	174852	174150	174238	174413	0.22	cps
Molybdenum	94-1	6106832	5967220	6027118	6033723	1.16	cps
Molybdenum	95-1	7541325	7410115	7478828	7476756	0.88	cps
Molybdenum	96-1	8377621	8326528	8197515	8300555	1.12	cps
Molybdenum	97-1	4724233	4695805	4722893	4714310	0.34	cps
Molybdenum	98-1	12093650	12062050	12057897	12071199	0.16	cps
Neodymium	150-1	200	220	180	200	10.00	cps
Neodymium	150-2	0	13	3	6	124.93	cps
Nickel	60-2	198486	195944	195903	196778	0.75	cps
Phosphorus	31-2	3192	3226	3226	3214	0.60	cps
Potassium	39-2	1422111	1412273	1427972	1420785	0.56	cps
Rhodium	103-1	6658461	6672614	6743414	6691497	0.68	cps
Rhodium	103-2	1883493	1908609	1780153	1857418	3.67	cps
Scandium	45-1	3902689	3908922	3919394	3910335	0.22	cps
Scandium	45-2	32057	32337	30751	31715	2.67	cps
Selenium	77-2	277	200	250	242	16.07	cps
Selenium	78-2	928	998	917	948	4.66	cps
Selenium	82-1	47192	46917	47218	47109	0.35	cps
Silicon	28-1	1737630	1737558	1746729	1740639	0.30	cps
Silver	109-1	3771593	3779233	3763464	3771430	0.21	cps
Silver	107-1	3943650	3930697	3899317	3924555	0.58	cps
Sodium	23-2	11710046	11671567	11680657	11687423	0.17	cps
Strontium	86-1	916807	908943	911613	912454	0.44	cps
Strontium	88-1	8076066	8012009	8018203	8035426	0.44	cps
Sulfur	34-1	436265	435724	433015	435001	0.40	cps
Terbium	159-1	10719079	10744749	10785654	10749827	0.31	cps
Terbium	159-2	2192110	2172341	2055548	2140000	3.45	cps
Thallium	203-1	3366377	3367284	3354187	3362616	0.22	cps
Thallium	205-1	8059657	7961746	7916870	7979425	0.92	cps
Tin	118-1	2517520	2548152	2548806	2538160	0.70	cps
Titanium	47-1	1758762	1744130	1726804	1743232	0.92	cps
Uranium	238-1	11177786	11227421	11055876	11153694	0.79	cps
Vanadium	51-2	226898	225949	226283	226377	0.21	cps
Yttrium	89-1	7564949	7469283	7589911	7541381	0.84	cps
Yttrium	89-2	240801	238228	225103	234711	3.59	cps
Zinc	66-2	107996	106431	106091	106840	0.95	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P8
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:14:19	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5032355	5006283	5048892	5029177	0.43	cps
Zirconium	91-1	1123772	1115396	1110271	1116479	0.61	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P8
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:17:31	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38	15	23	25	45.83	cps
Antimony	121-1	8370	6935	6435	7247	13.86	cps
Arsenic	75-2	20	6	9	12	65.71	cps
Barium	135-1	192	142	117	150	25.46	cps
Barium	137-1	350	283	192	275	28.91	cps
Beryllium	9-1	478	389	506	457	13.32	cps
Bismuth	209-1	6966749	7123377	7132044	7074057	1.32	cps
Bismuth	209-2	1924465	1946878	1950774	1940705	0.73	cps
Boron	10-1	2992	2650	2675	2773	6.87	cps
Boron	11-1	14416	14091	12723	13743	6.54	cps
Cadmium	111-1	1385	1308	1471	1388	5.86	cps
Cadmium	106-1	1709	1558	1809	1692	7.44	cps
Cadmium	108-1	33	17	17	22	43.28	cps
Calcium	43-1	692	567	475	578	18.82	cps
Calcium	44-1	17771	17653	16569	17331	3.82	cps
Chromium	52-2	503	473	457	478	4.95	cps
Cobalt	59-2	53	60	30	48	32.97	cps
Copper	63-2	1370	1507	1533	1470	5.96	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	58	17	31	78.72	cps
Erbium	164-2	10	0	7	6	91.64	cps
Gadolinium	160-1	75	67	83	75	11.11	cps
Gadolinium	160-2	13	3	7	8	65.47	cps
Holmium	165-1	9857430	10275714	10267973	10133706	2.36	cps
Holmium	165-2	2255802	2244416	2261530	2253916	0.39	cps
Indium	115-1	7331525	7574095	7593567	7499729	1.95	cps
Indium	115-2	333310	336691	336481	335494	0.56	cps
Iron	56-2	2856	2917	2545	2773	7.20	cps
Iron	57-2	78	100	61	80	24.50	cps
Krypton	83-1	310	387	340	346	11.18	cps
Lead	206-1	394	550	472	472	16.47	cps
Lead	207-1	439	372	328	380	14.73	cps
Lead	208-1	1906	1883	1795	1861	3.16	cps
Lithium	6-1	840594	882624	875040	866086	2.59	cps
Magnesium	24-2	417	350	433	400	11.02	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P8
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:17:31	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	63	63	64	2.99	cps
Molybdenum	94-1	2767	2475	2392	2545	7.74	cps
Molybdenum	95-1	3726	3059	3059	3281	11.73	cps
Molybdenum	96-1	4234	3467	3509	3737	11.54	cps
Molybdenum	97-1	2567	2342	1667	2192	21.37	cps
Molybdenum	98-1	5501	5376	4726	5201	8.00	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1143	1120	1200	1155	3.56	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2450	2550	2175	2392	8.12	cps
Rhodium	103-1	6708388	6955269	6998314	6887324	2.27	cps
Rhodium	103-2	2017434	2012784	2043387	2024535	0.81	cps
Scandium	45-1	3743297	3924223	3903171	3856897	2.57	cps
Scandium	45-2	31876	32635	32605	32372	1.33	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	4	2	86.60	cps
Selenium	82-1	43	-10	25	19	139.27	cps
Silicon	28-1	218009	217897	216264	217390	0.45	cps
Silver	109-1	1033	933	733	900	16.97	cps
Silver	107-1	875	867	817	853	3.70	cps
Sodium	23-2	7461	7369	7252	7361	1.42	cps
Strontium	86-1	575	583	525	561	5.62	cps
Strontium	88-1	625	458	442	508	19.94	cps
Sulfur	34-1	242019	243008	246381	243803	0.94	cps
Terbium	159-1	9985042	10455414	10537691	10326049	2.89	cps
Terbium	159-2	2168992	2164527	2178239	2170586	0.32	cps
Thallium	203-1	1075	1308	958	1114	16.00	cps
Thallium	205-1	2842	2500	2242	2528	11.91	cps
Tin	118-1	2217	1750	1692	1886	15.26	cps
Titanium	47-1	225	158	133	172	27.51	cps
Uranium	238-1	650	500	408	519	23.49	cps
Vanadium	51-2	20	10	17	16	32.73	cps
Yttrium	89-1	7161094	7492092	7542178	7398455	2.80	cps
Yttrium	89-2	240225	242484	242518	241742	0.54	cps
Zinc	66-2	197	187	157	180	11.56	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P8
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:17:31	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1909	2159	1825	1964	8.83	cps
Zirconium	91-1	500	333	375	403	21.54	cps

LB Number : LB98004 Operator : Jaswal
 Lab Sample ID : J4925-06 Instrumnet Name : P8
 Client Sample ID : S13-0252 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-17 18:20:53 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	105	93	99	6.35	cps
Antimony	121-1	18881	16202	15093	16725	11.64	cps
Arsenic	75-2	1307	1289	1333	1310	1.70	cps
Barium	135-1	39134	38708	39167	39003	0.66	cps
Barium	137-1	67272	68453	69249	68325	1.46	cps
Beryllium	9-1	311	244	261	272	12.75	cps
Bismuth	209-1	6450204	7053896	7007395	6837165	4.91	cps
Bismuth	209-2	1732903	1755698	1769360	1752654	1.05	cps
Boron	10-1	4884	4518	4584	4662	4.19	cps
Boron	11-1	22911	22468	22702	22694	0.97	cps
Cadmium	111-1	1251	1150	1107	1170	6.33	cps
Cadmium	106-1	1433	1375	1342	1383	3.35	cps
Cadmium	108-1	21	42	46	36	37.10	cps
Calcium	43-1	1146617	1144326	1131094	1140679	0.73	cps
Calcium	44-1	18963573	18886130	18680837	18843514	0.78	cps
Chromium	52-2	673	900	687	753	16.88	cps
Cobalt	59-2	8246	8239	8082	8189	1.13	cps
Copper	63-2	5861	6328	6252	6147	4.07	cps
Dysprosium	156-1	83	92	142	106	29.89	cps
Dysprosium	156-2	27	20	37	28	30.20	cps
Erbium	164-1	208	183	200	197	6.46	cps
Erbium	164-2	37	37	30	34	11.18	cps
Gadolinium	160-1	150	208	150	169	19.87	cps
Gadolinium	160-2	30	43	30	34	22.34	cps
Holmium	165-1	8838734	9708048	9840188	9462323	5.75	cps
Holmium	165-2	2011376	2022170	2026841	2020129	0.39	cps
Indium	115-1	6367500	6938198	7002140	6769279	5.16	cps
Indium	115-2	283263	280589	281037	281630	0.51	cps
Iron	56-2	8473091	8358082	8416098	8415757	0.68	cps
Iron	57-2	210019	207968	208739	208909	0.50	cps
Krypton	83-1	327	287	307	307	6.52	cps
Lead	206-1	1795	1795	1639	1743	5.15	cps
Lead	207-1	1600	1572	1706	1626	4.33	cps
Lead	208-1	7840	7468	7134	7481	4.72	cps
Lithium	6-1	1067797	1108006	1094310	1090038	1.88	cps
Magnesium	24-2	562744	555562	554796	557701	0.79	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-06	Instrumnet Name :	P8
Client Sample ID :	S13-0252	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:20:53	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1679200	1646069	1653515	1659595	1.05	cps
Molybdenum	94-1	8003	8094	7035	7711	7.61	cps
Molybdenum	95-1	9387	9170	8420	8992	5.65	cps
Molybdenum	96-1	10163	10246	9370	9926	4.87	cps
Molybdenum	97-1	5160	5376	5126	5221	2.60	cps
Molybdenum	98-1	14759	13933	14108	14266	3.05	cps
Neodymium	150-1	107	113	67	96	26.41	cps
Neodymium	150-2	7	13	17	12	41.65	cps
Nickel	60-2	7349	7565	7619	7511	1.90	cps
Phosphorus	31-2	0	0	42	14	173.21	cps
Potassium	39-2	23379	22820	22711	22970	1.56	cps
Rhodium	103-1	5696440	6183759	6247963	6042721	4.99	cps
Rhodium	103-2	1732091	1717029	1744767	1731296	0.80	cps
Scandium	45-1	3097983	3402016	3388542	3296180	5.21	cps
Scandium	45-2	26285	25931	26238	26151	0.74	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	34	42	33	36	13.50	cps
Silicon	28-1	25074180	25076251	24757627	24969352	0.73	cps
Silver	109-1	2209	1942	1942	2031	7.58	cps
Silver	107-1	2392	2042	2117	2184	8.44	cps
Sodium	23-2	1624578	1609995	1620881	1618484	0.47	cps
Strontium	86-1	869359	870327	868255	869314	0.12	cps
Strontium	88-1	7705735	7728117	7684482	7706111	0.28	cps
Sulfur	34-1	215443	213354	214097	214298	0.49	cps
Terbium	159-1	9092334	9934746	9983955	9670345	5.18	cps
Terbium	159-2	1921329	1952781	1950326	1941479	0.90	cps
Thallium	203-1	1759	1550	1350	1553	13.15	cps
Thallium	205-1	4101	3334	3317	3584	12.49	cps
Tin	118-1	38397	35256	33418	35690	7.06	cps
Titanium	47-1	542	683	700	642	13.56	cps
Uranium	238-1	4868	5326	5193	5129	4.60	cps
Vanadium	51-2	40	60	50	50	20.00	cps
Yttrium	89-1	6238853	6763751	6951756	6651453	5.55	cps
Yttrium	89-2	204124	201549	203163	202945	0.64	cps
Zinc	66-2	913	847	1023	928	9.62	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-06	Instrumnet Name :	P8
Client Sample ID :	S13-0252	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:20:53	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10029	7519	6402	7983	23.27	cps
Zirconium	91-1	2442	1900	1709	2017	18.86	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-07	Instrumnet Name :	P8
Client Sample ID :	S13-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:24:13	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60	53	78	63	20.26	cps
Antimony	121-1	12707	13274	14567	13516	7.05	cps
Arsenic	75-2	46	50	59	52	12.87	cps
Barium	135-1	200	292	250	247	18.56	cps
Barium	137-1	508	425	508	481	10.01	cps
Beryllium	9-1	244	200	172	206	17.72	cps
Bismuth	209-1	7048293	7061945	7098887	7069708	0.37	cps
Bismuth	209-2	1708043	1751935	1752967	1737648	1.48	cps
Boron	10-1	1525	1625	1525	1558	3.71	cps
Boron	11-1	7694	7060	7035	7263	5.14	cps
Cadmium	111-1	1068	1070	1118	1086	2.63	cps
Cadmium	106-1	1442	1433	1475	1450	1.52	cps
Cadmium	108-1	17	13	8	13	33.36	cps
Calcium	43-1	2142	2000	2267	2136	6.25	cps
Calcium	44-1	36440	37108	37301	36950	1.22	cps
Chromium	52-2	777	810	867	818	5.56	cps
Cobalt	59-2	63	80	57	67	18.03	cps
Copper	63-2	6808	7185	7159	7051	2.98	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	33	42	58	44	28.64	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	50	67	67	61	15.75	cps
Gadolinium	160-2	7	10	13	10	33.30	cps
Holmium	165-1	9715541	9747445	9862548	9775178	0.79	cps
Holmium	165-2	1969902	1992882	1992713	1985165	0.67	cps
Indium	115-1	7006351	7022671	7075057	7034693	0.51	cps
Indium	115-2	277661	284960	280648	281090	1.31	cps
Iron	56-2	8987	8942	8781	8903	1.22	cps
Iron	57-2	278	211	222	237	15.07	cps
Krypton	83-1	283	317	293	298	5.75	cps
Lead	206-1	1106	1172	1306	1195	8.53	cps
Lead	207-1	1261	1056	1361	1226	12.71	cps
Lead	208-1	4845	4851	5251	4982	4.67	cps
Lithium	6-1	1069870	1069784	1064563	1068073	0.28	cps
Magnesium	24-2	583	533	517	544	6.37	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-07	Instrumnet Name :	P8
Client Sample ID :	S13-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:24:13	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1113	1043	1113	1090	3.71	cps
Molybdenum	94-1	1275	1258	933	1156	16.67	cps
Molybdenum	95-1	817	808	783	803	2.16	cps
Molybdenum	96-1	1000	1117	942	1020	8.74	cps
Molybdenum	97-1	458	492	558	503	10.13	cps
Molybdenum	98-1	1417	1258	1367	1347	6.01	cps
Neodymium	150-1	7	27	13	16	65.47	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1267	1170	1197	1211	4.12	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2059	2325	2000	2128	8.14	cps
Rhodium	103-1	6420030	6378951	6412963	6403981	0.34	cps
Rhodium	103-2	1719364	1771729	1797105	1762733	2.25	cps
Scandium	45-1	3352215	3344949	3377005	3358056	0.50	cps
Scandium	45-2	25199	26161	25710	25690	1.87	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	4	2	86.60	cps
Selenium	82-1	34	13	-8	13	162.93	cps
Silicon	28-1	211338	207684	205873	208299	1.34	cps
Silver	109-1	1442	1083	1183	1236	14.96	cps
Silver	107-1	1500	1358	1175	1345	12.12	cps
Sodium	23-2	9754	9187	9287	9409	3.22	cps
Strontium	86-1	700	617	783	700	11.90	cps
Strontium	88-1	3334	3267	2942	3181	6.59	cps
Sulfur	34-1	222211	215934	216154	218100	1.63	cps
Terbium	159-1	9911879	9977729	9985820	9958476	0.41	cps
Terbium	159-2	1866698	1929614	1937629	1911314	2.03	cps
Thallium	203-1	533	717	975	742	29.92	cps
Thallium	205-1	1517	1650	2109	1759	17.65	cps
Tin	118-1	28122	28256	28540	28306	0.75	cps
Titanium	47-1	458	500	500	486	4.95	cps
Uranium	238-1	150	208	183	181	16.21	cps
Vanadium	51-2	53	53	60	56	6.93	cps
Yttrium	89-1	6789561	6789571	6830385	6803172	0.35	cps
Yttrium	89-2	196059	200671	197469	198066	1.19	cps
Zinc	66-2	1650	1663	1517	1610	5.04	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-07	Instrumnet Name :	P8
Client Sample ID :	S13-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:24:13	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2017	1884	2109	2003	5.65	cps
Zirconium	91-1	658	533	567	586	11.04	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-08	Instrumnet Name :	P8
Client Sample ID :	S13-0254	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:27:35	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1701	1706	1811	1739	3.57	cps
Antimony	121-1	12723	14233	14425	13794	6.76	cps
Arsenic	75-2	324	326	280	310	8.46	cps
Barium	135-1	25408	27045	25785	26079	3.29	cps
Barium	137-1	45789	45580	46751	46040	1.36	cps
Beryllium	9-1	250	306	283	280	10.00	cps
Bismuth	209-1	7093616	7003325	7048979	7048640	0.64	cps
Bismuth	209-2	1778024	1763347	1736741	1759370	1.19	cps
Boron	10-1	2850	3392	3217	3153	8.77	cps
Boron	11-1	15100	15984	15976	15687	3.24	cps
Cadmium	111-1	951	1082	959	997	7.36	cps
Cadmium	106-1	1242	1467	1200	1303	11.01	cps
Cadmium	108-1	21	17	8	15	41.67	cps
Calcium	43-1	137705	138554	139318	138526	0.58	cps
Calcium	44-1	2331040	2338562	2321417	2330340	0.37	cps
Chromium	52-2	1047	1040	1090	1059	2.56	cps
Cobalt	59-2	1700	1687	1777	1721	2.82	cps
Copper	63-2	9550	9447	9407	9468	0.78	cps
Dysprosium	156-1	1583	1750	1650	1661	5.05	cps
Dysprosium	156-2	307	367	390	354	12.13	cps
Erbium	164-1	1367	1534	1609	1503	8.23	cps
Erbium	164-2	260	253	317	277	12.58	cps
Gadolinium	160-1	1458	1592	1642	1564	6.06	cps
Gadolinium	160-2	393	423	443	420	5.99	cps
Holmium	165-1	9774112	9810584	9863519	9816072	0.46	cps
Holmium	165-2	2017242	2001256	2025462	2014653	0.61	cps
Indium	115-1	7037382	6996681	7129420	7054494	0.96	cps
Indium	115-2	283062	283518	281875	282818	0.30	cps
Iron	56-2	1662187	1676715	1666070	1668324	0.45	cps
Iron	57-2	40147	40927	40130	40402	1.13	cps
Krypton	83-1	357	257	287	300	17.11	cps
Lead	206-1	17757	18297	18675	18243	2.53	cps
Lead	207-1	13630	13986	13602	13739	1.56	cps
Lead	208-1	67456	68140	67867	67821	0.51	cps
Lithium	6-1	1036524	1052472	1012749	1033915	1.93	cps
Magnesium	24-2	81978	82062	81232	81757	0.56	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-08	Instrumnet Name :	P8
Client Sample ID :	S13-0254	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:27:35	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	54730	55139	55028	54966	0.38	cps
Molybdenum	94-1	2625	2284	2367	2425	7.35	cps
Molybdenum	95-1	1825	1592	1675	1697	6.97	cps
Molybdenum	96-1	2250	2384	2317	2317	2.88	cps
Molybdenum	97-1	1167	1083	1050	1100	5.46	cps
Molybdenum	98-1	3051	2817	2575	2814	8.44	cps
Neodymium	150-1	1867	1900	2214	1994	9.60	cps
Neodymium	150-2	203	290	293	262	19.46	cps
Nickel	60-2	4121	3961	4374	4152	5.02	cps
Phosphorus	31-2	8	33	17	19	65.47	cps
Potassium	39-2	17378	17712	17637	17575	1.00	cps
Rhodium	103-1	6372940	6338754	6441322	6384338	0.82	cps
Rhodium	103-2	1786440	1785607	1770349	1780799	0.51	cps
Scandium	45-1	3426848	3400662	3399114	3408875	0.46	cps
Scandium	45-2	25934	27030	26662	26542	2.10	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	-70	79	24	11	680.36	cps
Silicon	28-1	6103580	6052347	6058675	6071534	0.46	cps
Silver	109-1	1108	1075	1050	1078	2.72	cps
Silver	107-1	992	1250	1117	1120	11.54	cps
Sodium	23-2	168729	169800	170906	169812	0.64	cps
Strontium	86-1	158830	160897	157205	158977	1.16	cps
Strontium	88-1	1420319	1457425	1401389	1426378	2.00	cps
Sulfur	34-1	225385	222044	221366	222932	0.97	cps
Terbium	159-1	9924469	9978912	10012834	9972072	0.45	cps
Terbium	159-2	1923493	1946980	1920283	1930252	0.76	cps
Thallium	203-1	567	608	692	622	10.23	cps
Thallium	205-1	1308	1192	1550	1350	13.54	cps
Tin	118-1	19891	20542	21184	20539	3.15	cps
Titanium	47-1	5876	5360	5535	5590	4.70	cps
Uranium	238-1	14659	15176	15402	15079	2.52	cps
Vanadium	51-2	667	623	633	641	3.54	cps
Yttrium	89-1	6843941	6888952	6900415	6877770	0.43	cps
Yttrium	89-2	204824	207092	203160	205025	0.96	cps
Zinc	66-2	2590	2470	2727	2596	4.95	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-08	Instrumnet Name :	P8
Client Sample ID :	S13-0254	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:27:35	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4159	4043	3959	4054	2.48	cps
Zirconium	91-1	892	992	1017	967	6.85	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-09	Instrumnet Name :	P8
Client Sample ID :	S13-0255	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:30:55	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	155	145	163	154	5.69	cps
Antimony	121-1	12807	13349	13657	13271	3.24	cps
Arsenic	75-2	726	652	707	695	5.55	cps
Barium	135-1	18071	18363	17880	18105	1.35	cps
Barium	137-1	30477	30695	30987	30720	0.83	cps
Beryllium	9-1	206	222	217	215	3.95	cps
Bismuth	209-1	7119970	6935753	7160468	7072064	1.69	cps
Bismuth	209-2	1767235	1805186	1823363	1798595	1.59	cps
Boron	10-1	9362	10029	9679	9690	3.44	cps
Boron	11-1	44570	45063	44729	44787	0.56	cps
Cadmium	111-1	2309	2180	2108	2199	4.63	cps
Cadmium	106-1	1533	1342	1509	1461	7.13	cps
Cadmium	108-1	117	79	75	90	25.42	cps
Calcium	43-1	175855	173485	175004	174781	0.69	cps
Calcium	44-1	2917679	2933036	2960925	2937214	0.75	cps
Chromium	52-2	870	833	720	808	9.68	cps
Cobalt	59-2	19484	18966	18793	19081	1.88	cps
Copper	63-2	7939	8489	8116	8181	3.43	cps
Dysprosium	156-1	567	367	400	444	24.11	cps
Dysprosium	156-2	93	97	60	83	24.33	cps
Erbium	164-1	425	333	342	367	13.83	cps
Erbium	164-2	40	70	50	53	28.64	cps
Gadolinium	160-1	475	342	367	394	17.97	cps
Gadolinium	160-2	127	103	93	108	15.87	cps
Holmium	165-1	10034344	9681240	9910226	9875270	1.81	cps
Holmium	165-2	2012453	2057707	2038848	2036336	1.12	cps
Indium	115-1	7196493	6915389	7123456	7078446	2.06	cps
Indium	115-2	285044	286523	283728	285098	0.49	cps
Iron	56-2	6953310	6877967	6909752	6913676	0.55	cps
Iron	57-2	173259	170576	172160	171998	0.78	cps
Krypton	83-1	283	270	297	283	4.71	cps
Lead	206-1	2939	2900	2973	2937	1.23	cps
Lead	207-1	2395	2511	2222	2376	6.12	cps
Lead	208-1	11441	11386	10830	11219	3.01	cps
Lithium	6-1	1020716	991086	991208	1001003	1.71	cps
Magnesium	24-2	62881	63333	62313	62843	0.81	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-09	Instrumnet Name :	P8
Client Sample ID :	S13-0255	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:30:55	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1198661	1189154	1192826	1193547	0.40	cps
Molybdenum	94-1	1375	1475	1217	1356	9.61	cps
Molybdenum	95-1	867	950	892	903	4.74	cps
Molybdenum	96-1	942	1150	1000	1031	10.43	cps
Molybdenum	97-1	492	442	400	444	10.33	cps
Molybdenum	98-1	1175	1092	1192	1153	4.65	cps
Neodymium	150-1	560	520	487	522	7.03	cps
Neodymium	150-2	67	83	83	78	12.37	cps
Nickel	60-2	1830	2007	1890	1909	4.71	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	19139	17779	18430	18449	3.69	cps
Rhodium	103-1	6443247	6236738	6439089	6373025	1.85	cps
Rhodium	103-2	1794348	1812338	1791119	1799268	0.64	cps
Scandium	45-1	3449660	3320277	3398311	3389416	1.92	cps
Scandium	45-2	27106	26392	26291	26597	1.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	54	36	32	41	28.67	cps
Silicon	28-1	10621856	10691893	10310030	10541260	1.93	cps
Silver	109-1	1008	858	750	872	14.87	cps
Silver	107-1	1050	850	1017	972	11.02	cps
Sodium	23-2	209082	206689	208432	208067	0.59	cps
Strontium	86-1	200418	201989	200333	200913	0.46	cps
Strontium	88-1	1803182	1847612	1832185	1827660	1.23	cps
Sulfur	34-1	263810	261731	262326	262623	0.41	cps
Terbium	159-1	10161622	9945214	10108000	10071612	1.12	cps
Terbium	159-2	1938417	1965438	1955880	1953245	0.70	cps
Thallium	203-1	2650	2725	2750	2709	1.92	cps
Thallium	205-1	6427	6836	6710	6658	3.15	cps
Tin	118-1	25433	26193	25367	25664	1.79	cps
Titanium	47-1	900	867	783	850	7.07	cps
Uranium	238-1	477768	479124	476027	477640	0.33	cps
Vanadium	51-2	77	107	107	97	17.92	cps
Yttrium	89-1	6996777	6770881	6961067	6909575	1.76	cps
Yttrium	89-2	206069	206899	206601	206523	0.20	cps
Zinc	66-2	2164	2187	2220	2190	1.30	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-09	Instrumnet Name :	P8
Client Sample ID :	S13-0255	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:30:55	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2600	2284	2192	2359	9.09	cps
Zirconium	91-1	575	567	717	619	13.61	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-10	Instrumnet Name :	P8
Client Sample ID :	S13-0248	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:34:16	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	155	155	145	152	3.81	cps
Antimony	121-1	12948	13341	14809	13699	7.16	cps
Arsenic	75-2	298	311	267	292	7.83	cps
Barium	135-1	4259	4326	4584	4390	3.91	cps
Barium	137-1	7419	7177	7202	7266	1.83	cps
Beryllium	9-1	172	156	150	159	7.26	cps
Bismuth	209-1	7040324	7071881	7052467	7054891	0.23	cps
Bismuth	209-2	1793301	1633896	1751247	1726148	4.79	cps
Boron	10-1	1458	1517	1483	1486	1.97	cps
Boron	11-1	7336	7060	6960	7119	2.73	cps
Cadmium	111-1	1056	908	1124	1029	10.72	cps
Cadmium	106-1	1425	1258	1559	1414	10.63	cps
Cadmium	108-1	13	21	13	15	31.48	cps
Calcium	43-1	8703	8887	9529	9039	4.80	cps
Calcium	44-1	151416	153978	152681	152692	0.84	cps
Chromium	52-2	823	703	820	782	8.74	cps
Cobalt	59-2	2250	2337	2324	2304	2.03	cps
Copper	63-2	7362	7886	7579	7609	3.46	cps
Dysprosium	156-1	92	58	50	67	33.07	cps
Dysprosium	156-2	13	7	7	9	43.25	cps
Erbium	164-1	75	117	92	94	22.21	cps
Erbium	164-2	17	10	10	12	31.50	cps
Gadolinium	160-1	142	83	108	111	26.34	cps
Gadolinium	160-2	20	13	17	17	20.01	cps
Holmium	165-1	9751979	9906253	9939895	9866042	1.02	cps
Holmium	165-2	2064256	1915769	2029936	2003320	3.88	cps
Indium	115-1	7098747	7044612	7136180	7093180	0.65	cps
Indium	115-2	289709	272205	286949	282954	3.33	cps
Iron	56-2	3666944	3649839	3684821	3667201	0.48	cps
Iron	57-2	90235	90185	91610	90676	0.89	cps
Krypton	83-1	327	313	323	321	2.16	cps
Lead	206-1	1300	1322	1311	1311	0.85	cps
Lead	207-1	1128	1211	1183	1174	3.61	cps
Lead	208-1	5273	5501	5134	5302	3.49	cps
Lithium	6-1	937488	957721	938514	944574	1.21	cps
Magnesium	24-2	1583	1600	1558	1581	1.33	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-10	Instrumnet Name :	P8
Client Sample ID :	S13-0248	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:34:16	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	29458	29632	29869	29653	0.70	cps
Molybdenum	94-1	1175	1058	1175	1136	5.93	cps
Molybdenum	95-1	1042	958	967	989	4.64	cps
Molybdenum	96-1	1117	1300	1459	1292	13.24	cps
Molybdenum	97-1	800	658	692	717	10.34	cps
Molybdenum	98-1	1817	1942	1875	1878	3.33	cps
Neodymium	150-1	53	80	80	71	21.64	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	2080	1980	2100	2054	3.13	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	5068	4776	4826	4890	3.19	cps
Rhodium	103-1	6460125	6461241	6516320	6479229	0.50	cps
Rhodium	103-2	1835894	1724293	1828535	1796241	3.47	cps
Scandium	45-1	3409932	3401982	3455893	3422602	0.85	cps
Scandium	45-2	26909	25336	27090	26445	3.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	-8	18	1	4	363.12	cps
Silicon	28-1	692099	686908	688155	689054	0.39	cps
Silver	109-1	883	817	792	831	5.70	cps
Silver	107-1	867	858	842	856	1.49	cps
Sodium	23-2	14183	14291	14350	14274	0.59	cps
Strontium	86-1	5035	4901	5126	5021	2.25	cps
Strontium	88-1	40352	41180	41765	41099	1.73	cps
Sulfur	34-1	217940	219233	218997	218723	0.31	cps
Terbium	159-1	10002035	9956014	10153179	10037076	1.03	cps
Terbium	159-2	1964735	1837992	1956674	1919800	3.70	cps
Thallium	203-1	300	375	367	347	11.84	cps
Thallium	205-1	817	783	775	792	2.78	cps
Tin	118-1	21092	22061	22136	21763	2.67	cps
Titanium	47-1	742	633	742	706	8.86	cps
Uranium	238-1	558	675	625	619	9.45	cps
Vanadium	51-2	107	100	77	94	16.68	cps
Yttrium	89-1	6932516	6916017	7007766	6952100	0.70	cps
Yttrium	89-2	208820	197873	206286	204326	2.80	cps
Zinc	66-2	2574	2550	2584	2569	0.67	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-10	Instrumnet Name :	P8
Client Sample ID :	S13-0248	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:34:16	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1625	1333	1350	1436	11.41	cps
Zirconium	91-1	308	358	392	353	11.89	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-11	Instrumnet Name :	P8
Client Sample ID :	S13-0259	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:37:37	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	465	523	505	498	5.92	cps
Antimony	121-1	11447	11514	11314	11425	0.89	cps
Arsenic	75-2	7387	7398	7172	7319	1.74	cps
Barium	135-1	51443	50405	52120	51323	1.68	cps
Barium	137-1	90224	90550	90592	90455	0.22	cps
Beryllium	9-1	128	189	167	161	19.20	cps
Bismuth	209-1	7241555	7181300	7199525	7207460	0.43	cps
Bismuth	209-2	1821497	1821650	1816453	1819867	0.16	cps
Boron	10-1	6944	7060	7336	7113	2.83	cps
Boron	11-1	33148	32647	33081	32959	0.83	cps
Cadmium	111-1	892	1070	947	970	9.41	cps
Cadmium	106-1	1275	1500	1308	1361	8.92	cps
Cadmium	108-1	25	25	21	24	10.20	cps
Calcium	43-1	315425	316030	315767	315741	0.10	cps
Calcium	44-1	5206755	5233961	5249689	5230135	0.42	cps
Chromium	52-2	897	980	950	942	4.48	cps
Cobalt	59-2	12296	12593	12119	12336	1.94	cps
Copper	63-2	9150	9250	9497	9299	1.92	cps
Dysprosium	156-1	1217	1333	1242	1264	4.86	cps
Dysprosium	156-2	273	267	223	254	10.67	cps
Erbium	164-1	892	975	967	945	4.86	cps
Erbium	164-2	143	197	133	158	21.58	cps
Gadolinium	160-1	1142	1283	1075	1167	9.12	cps
Gadolinium	160-2	257	270	310	279	9.95	cps
Holmium	165-1	10094287	10131633	10237332	10154418	0.73	cps
Holmium	165-2	2097706	2061290	2101079	2086691	1.06	cps
Indium	115-1	7253890	7227180	7325280	7268783	0.70	cps
Indium	115-2	296384	295542	291874	294600	0.81	cps
Iron	56-2	17966773	18096637	18104074	18055828	0.43	cps
Iron	57-2	451625	449747	453393	451588	0.40	cps
Krypton	83-1	250	303	330	294	13.83	cps
Lead	206-1	4051	4262	4167	4160	2.54	cps
Lead	207-1	3301	3573	3484	3452	4.02	cps
Lead	208-1	15537	16616	16088	16080	3.35	cps
Lithium	6-1	901736	896956	890253	896315	0.64	cps
Magnesium	24-2	109275	109948	109906	109710	0.34	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-11	Instrumnet Name :	P8
Client Sample ID :	S13-0259	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:37:37	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1507150	1509949	1520471	1512524	0.46	cps
Molybdenum	94-1	1433	1625	1425	1495	7.57	cps
Molybdenum	95-1	1208	1292	1250	1250	3.33	cps
Molybdenum	96-1	1950	1750	1475	1725	13.83	cps
Molybdenum	97-1	950	900	858	903	5.08	cps
Molybdenum	98-1	1875	1967	2059	1967	4.66	cps
Neodymium	150-1	1874	1614	2140	1876	14.04	cps
Neodymium	150-2	300	267	243	270	10.55	cps
Nickel	60-2	2054	2024	1970	2016	2.09	cps
Phosphorus	31-2	25	17	25	22	21.64	cps
Potassium	39-2	23020	22243	22444	22569	1.79	cps
Rhodium	103-1	6548959	6543910	6621520	6571463	0.66	cps
Rhodium	103-2	1864196	1841568	1855504	1853756	0.62	cps
Scandium	45-1	3485437	3510651	3519033	3505040	0.50	cps
Scandium	45-2	28028	27855	28132	28005	0.50	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	0	6	2	2	114.63	cps
Selenium	82-1	134	11	39	62	104.41	cps
Silicon	28-1	16819227	16781272	16884185	16828228	0.31	cps
Silver	109-1	683	867	783	778	11.80	cps
Silver	107-1	875	758	875	836	8.06	cps
Sodium	23-2	290067	290960	292244	291090	0.38	cps
Strontium	86-1	243762	243293	244477	243844	0.24	cps
Strontium	88-1	2201671	2199000	2201157	2200609	0.06	cps
Sulfur	34-1	335903	334255	337168	335775	0.44	cps
Terbium	159-1	10279282	10274751	10511243	10355092	1.31	cps
Terbium	159-2	2036197	1998755	1978581	2004511	1.46	cps
Thallium	203-1	383	350	283	339	15.03	cps
Thallium	205-1	958	858	900	906	5.55	cps
Tin	118-1	15410	15727	16569	15902	3.77	cps
Titanium	47-1	1417	1358	1558	1445	7.12	cps
Uranium	238-1	1592	1450	1792	1611	10.66	cps
Vanadium	51-2	153	190	183	176	11.12	cps
Yttrium	89-1	7135795	7150094	7212087	7165992	0.57	cps
Yttrium	89-2	214097	214206	213187	213830	0.26	cps
Zinc	66-2	2054	2217	2227	2166	4.49	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-11	Instrumnet Name :	P8
Client Sample ID :	S13-0259	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:37:37	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2209	2159	2109	2159	2.32	cps
Zirconium	91-1	708	567	467	581	20.92	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-12	Instrumnet Name :	P8
Client Sample ID :	S13-0262	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:40:58	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	155	155	170	160	5.41	cps
Antimony	121-1	11022	11948	11572	11514	4.04	cps
Arsenic	75-2	11358	11358	11449	11389	0.46	cps
Barium	135-1	34413	34103	34471	34329	0.58	cps
Barium	137-1	59183	62097	61118	60799	2.44	cps
Beryllium	9-1	172	161	172	169	3.81	cps
Bismuth	209-1	7123000	7210661	7184033	7172565	0.63	cps
Bismuth	209-2	1826619	1789783	1799956	1805453	1.05	cps
Boron	10-1	15542	14917	16060	15506	3.69	cps
Boron	11-1	73598	73740	74527	73955	0.68	cps
Cadmium	111-1	975	1141	1062	1059	7.87	cps
Cadmium	106-1	1292	1508	1383	1395	7.80	cps
Cadmium	108-1	13	21	21	18	26.64	cps
Calcium	43-1	257786	254630	263473	258629	1.73	cps
Calcium	44-1	4254564	4270411	4274307	4266427	0.25	cps
Chromium	52-2	1110	1153	1073	1112	3.60	cps
Cobalt	59-2	18786	18686	18576	18683	0.56	cps
Copper	63-2	15252	15208	15452	15304	0.85	cps
Dysprosium	156-1	2400	2192	2375	2323	4.90	cps
Dysprosium	156-2	487	467	470	474	2.26	cps
Erbium	164-1	2017	2250	2109	2125	5.53	cps
Erbium	164-2	390	293	390	358	15.60	cps
Gadolinium	160-1	2150	2059	2550	2253	11.61	cps
Gadolinium	160-2	650	643	587	627	5.55	cps
Holmium	165-1	10043791	10251076	10239945	10178271	1.15	cps
Holmium	165-2	2081070	2067656	2086582	2078436	0.47	cps
Indium	115-1	7310514	7371514	7321239	7334422	0.44	cps
Indium	115-2	295765	298140	298916	297607	0.55	cps
Iron	56-2	28378296	28364408	28514099	28418934	0.29	cps
Iron	57-2	710647	710133	708004	709595	0.20	cps
Krypton	83-1	267	260	320	282	11.65	cps
Lead	206-1	13102	12857	12290	12749	3.27	cps
Lead	207-1	10443	10499	10938	10627	2.55	cps
Lead	208-1	49105	49211	49255	49190	0.16	cps
Lithium	6-1	856589	849022	853818	853143	0.45	cps
Magnesium	24-2	140766	140353	140807	140642	0.18	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-12	Instrumnet Name :	P8
Client Sample ID :	S13-0262	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:40:58	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	722049	718131	720731	720303	0.28	cps
Molybdenum	94-1	3926	4176	3926	4009	3.60	cps
Molybdenum	95-1	5068	5551	5485	5368	4.88	cps
Molybdenum	96-1	6460	6502	6602	6521	1.12	cps
Molybdenum	97-1	3359	3509	3742	3537	5.46	cps
Molybdenum	98-1	8937	8761	8728	8809	1.27	cps
Neodymium	150-1	2900	2727	2907	2845	3.59	cps
Neodymium	150-2	343	300	347	330	7.89	cps
Nickel	60-2	3681	3777	3564	3674	2.91	cps
Phosphorus	31-2	50	67	50	56	17.32	cps
Potassium	39-2	20816	20491	20933	20747	1.11	cps
Rhodium	103-1	6576468	6626610	6649326	6617468	0.56	cps
Rhodium	103-2	1882139	1848753	1874244	1868379	0.93	cps
Scandium	45-1	3508519	3511750	3543975	3521415	0.56	cps
Scandium	45-2	27694	27781	28399	27958	1.37	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	2	9	6	6	66.68	cps
Selenium	82-1	156	150	99	135	23.33	cps
Silicon	28-1	18397401	18189324	18197868	18261531	0.64	cps
Silver	109-1	1100	1050	1125	1092	3.50	cps
Silver	107-1	1325	1058	1042	1142	13.93	cps
Sodium	23-2	492667	496254	492601	493841	0.42	cps
Strontium	86-1	198554	198437	196572	197855	0.56	cps
Strontium	88-1	1752483	1782149	1791294	1775308	1.14	cps
Sulfur	34-1	232831	228731	227334	229632	1.24	cps
Terbium	159-1	10174191	10408636	10335388	10306071	1.16	cps
Terbium	159-2	1984449	2029643	1998863	2004319	1.15	cps
Thallium	203-1	292	358	308	319	10.86	cps
Thallium	205-1	792	683	700	725	8.05	cps
Tin	118-1	16194	17178	16552	16642	2.99	cps
Titanium	47-1	1100	1183	925	1070	12.33	cps
Uranium	238-1	13483	14100	13325	13636	3.01	cps
Vanadium	51-2	690	640	693	674	4.43	cps
Yttrium	89-1	7155459	7254618	7260967	7223681	0.82	cps
Yttrium	89-2	215867	216984	219365	217405	0.82	cps
Zinc	66-2	3144	3327	3587	3353	6.65	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-12	Instrumnet Name :	P8
Client Sample ID :	S13-0262	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:40:58	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2542	2867	2517	2642	7.39	cps
Zirconium	91-1	817	767	625	736	13.51	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-13	Instrumnet Name :	P8
Client Sample ID :	S13-0260	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:44:18	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	220	205	213	213	3.53	cps
Antimony	121-1	10630	10897	11188	10905	2.56	cps
Arsenic	75-2	13651	13831	13903	13795	0.94	cps
Barium	135-1	51233	51560	50305	51033	1.28	cps
Barium	137-1	89611	87908	89720	89080	1.14	cps
Beryllium	9-1	144	139	206	163	22.70	cps
Bismuth	209-1	7139933	7078581	7035751	7084755	0.74	cps
Bismuth	209-2	1776458	1766413	1772636	1771836	0.29	cps
Boron	10-1	10913	10729	10413	10685	2.37	cps
Boron	11-1	51151	50465	51962	51192	1.46	cps
Cadmium	111-1	930	1045	968	981	5.95	cps
Cadmium	106-1	1292	1475	1350	1372	6.83	cps
Cadmium	108-1	17	13	8	13	33.36	cps
Calcium	43-1	473634	474614	470304	472851	0.48	cps
Calcium	44-1	7856634	7864544	7814399	7845192	0.34	cps
Chromium	52-2	783	787	760	777	1.87	cps
Cobalt	59-2	7609	7355	7359	7441	1.95	cps
Copper	63-2	7125	7315	7445	7295	2.21	cps
Dysprosium	156-1	475	350	425	417	15.10	cps
Dysprosium	156-2	87	73	97	86	13.69	cps
Erbium	164-1	475	400	417	431	9.15	cps
Erbium	164-2	100	57	83	80	27.32	cps
Gadolinium	160-1	350	392	458	400	13.66	cps
Gadolinium	160-2	63	103	87	84	23.80	cps
Holmium	165-1	10053130	10161885	9968420	10061145	0.96	cps
Holmium	165-2	2040244	2040738	2059348	2046777	0.53	cps
Indium	115-1	7156271	7307215	7154142	7205876	1.22	cps
Indium	115-2	286947	290176	289170	288764	0.57	cps
Iron	56-2	21828705	21800116	21834983	21821268	0.09	cps
Iron	57-2	544726	547363	547301	546463	0.28	cps
Krypton	83-1	250	250	310	270	12.83	cps
Lead	206-1	1734	2011	1567	1771	12.68	cps
Lead	207-1	1283	1383	1550	1406	9.59	cps
Lead	208-1	6912	6918	6518	6782	3.38	cps
Lithium	6-1	831262	829880	822107	827750	0.60	cps
Magnesium	24-2	149646	151112	150717	150492	0.50	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-13	Instrumnet Name :	P8
Client Sample ID :	S13-0260	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:44:18	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1028907	1031406	1032575	1030963	0.18	cps
Molybdenum	94-1	2434	2442	2725	2534	6.56	cps
Molybdenum	95-1	3592	3409	3426	3476	2.92	cps
Molybdenum	96-1	4042	4168	4576	4262	6.55	cps
Molybdenum	97-1	2034	1975	2275	2095	7.60	cps
Molybdenum	98-1	5660	5610	5868	5713	2.40	cps
Neodymium	150-1	440	333	333	369	16.70	cps
Neodymium	150-2	50	37	60	49	23.94	cps
Nickel	60-2	4978	5231	5088	5099	2.49	cps
Phosphorus	31-2	25	50	42	39	32.73	cps
Potassium	39-2	51897	53252	51712	52287	1.61	cps
Rhodium	103-1	6404555	6588215	6429401	6474057	1.54	cps
Rhodium	103-2	1819838	1829837	1791270	1813648	1.10	cps
Scandium	45-1	3445794	3474053	3461053	3460300	0.41	cps
Scandium	45-2	27597	27794	27714	27702	0.36	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	2	7	4	65.54	cps
Selenium	82-1	85	75	2	54	83.35	cps
Silicon	28-1	26035390	25886693	25563870	25828651	0.93	cps
Silver	109-1	733	533	533	600	19.25	cps
Silver	107-1	700	617	608	642	7.90	cps
Sodium	23-2	618977	618181	622230	619796	0.35	cps
Strontium	86-1	701896	699765	703239	701633	0.25	cps
Strontium	88-1	6186160	6227776	6243499	6219145	0.48	cps
Sulfur	34-1	216645	219951	216651	217749	0.88	cps
Terbium	159-1	10215319	10259901	10231491	10235570	0.22	cps
Terbium	159-2	1965112	1968891	1970041	1968015	0.13	cps
Thallium	203-1	417	350	350	372	10.34	cps
Thallium	205-1	725	850	708	761	10.17	cps
Tin	118-1	15793	14759	15051	15201	3.51	cps
Titanium	47-1	1117	1125	1217	1153	4.81	cps
Uranium	238-1	1525	1834	1792	1717	9.75	cps
Vanadium	51-2	150	100	123	124	20.10	cps
Yttrium	89-1	7042926	7127082	7121061	7097023	0.66	cps
Yttrium	89-2	210000	209398	209165	209521	0.21	cps
Zinc	66-2	2180	2210	2360	2250	4.29	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-13	Instrumnet Name :	P8
Client Sample ID :	S13-0260	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:44:18	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1750	1759	1634	1714	4.08	cps
Zirconium	91-1	500	433	417	450	9.80	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-14	Instrumnet Name :	P8
Client Sample ID :	S13-0243	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:47:40	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	160	245	218	23.17	cps
Antimony	121-1	10288	10721	10696	10569	2.30	cps
Arsenic	75-2	2030	2104	1998	2044	2.65	cps
Barium	135-1	34630	35106	35240	34992	0.92	cps
Barium	137-1	61200	61552	61979	61577	0.63	cps
Beryllium	9-1	144	206	100	150	35.33	cps
Bismuth	209-1	6938085	7009328	6708866	6885426	2.28	cps
Bismuth	209-2	1684783	1686008	1736839	1702543	1.74	cps
Boron	10-1	2542	2650	2400	2531	4.95	cps
Boron	11-1	12956	12739	12906	12867	0.88	cps
Cadmium	111-1	1029	1033	912	991	6.96	cps
Cadmium	106-1	1408	1467	1267	1381	7.45	cps
Cadmium	108-1	4	50	42	32	76.42	cps
Calcium	43-1	1110689	1111116	1114231	1112012	0.17	cps
Calcium	44-1	18418611	18377583	18370694	18388963	0.14	cps
Chromium	52-2	1353	1283	1227	1288	4.93	cps
Cobalt	59-2	4671	4321	4507	4500	3.89	cps
Copper	63-2	6395	6622	6905	6641	3.85	cps
Dysprosium	156-1	1609	1709	1684	1667	3.12	cps
Dysprosium	156-2	343	337	240	307	18.86	cps
Erbium	164-1	1417	1483	1692	1531	9.37	cps
Erbium	164-2	253	350	327	310	16.27	cps
Gadolinium	160-1	1600	1609	1567	1592	1.39	cps
Gadolinium	160-2	453	420	437	437	3.82	cps
Holmium	165-1	9910031	10125198	9661946	9899058	2.34	cps
Holmium	165-2	2049628	2022826	2044659	2039038	0.70	cps
Indium	115-1	6965070	7049711	6832760	6949180	1.57	cps
Indium	115-2	282378	279111	279354	280281	0.65	cps
Iron	56-2	9837184	9754413	9802762	9798120	0.42	cps
Iron	57-2	245527	245395	244406	245109	0.25	cps
Krypton	83-1	320	353	353	342	5.62	cps
Lead	206-1	967	911	872	917	5.18	cps
Lead	207-1	978	672	989	880	20.43	cps
Lead	208-1	4173	3556	3956	3895	8.03	cps
Lithium	6-1	803316	812540	798501	804786	0.89	cps
Magnesium	24-2	271656	266751	266266	268224	1.11	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-14	Instrumnet Name :	P8
Client Sample ID :	S13-0243	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:47:40	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	362412	358460	358802	359891	0.61	cps
Molybdenum	94-1	6335	6477	6435	6416	1.14	cps
Molybdenum	95-1	1450	1609	1433	1497	6.45	cps
Molybdenum	96-1	2634	2684	2867	2728	4.50	cps
Molybdenum	97-1	825	1017	925	922	10.40	cps
Molybdenum	98-1	2484	2575	2817	2625	6.56	cps
Neodymium	150-1	2074	2107	1994	2058	2.83	cps
Neodymium	150-2	203	230	267	233	13.63	cps
Nickel	60-2	2450	2580	2604	2545	3.25	cps
Phosphorus	31-2	83	117	42	81	46.64	cps
Potassium	39-2	34251	33090	33633	33658	1.73	cps
Rhodium	103-1	6268518	6375684	6100578	6248260	2.22	cps
Rhodium	103-2	1748376	1742731	1734956	1742021	0.39	cps
Scandium	45-1	3368792	3379145	3246379	3331439	2.22	cps
Scandium	45-2	26852	26562	26725	26713	0.54	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	4	0	4	2	86.60	cps
Selenium	82-1	42	16	-34	8	479.50	cps
Silicon	28-1	27080146	26927328	27075802	27027759	0.32	cps
Silver	109-1	425	533	525	494	12.19	cps
Silver	107-1	600	617	550	589	5.89	cps
Sodium	23-2	9734874	9556146	9589540	9626853	0.99	cps
Strontium	86-1	796493	799190	803154	799612	0.42	cps
Strontium	88-1	7036423	7082927	7138385	7085912	0.72	cps
Sulfur	34-1	220231	219209	219226	219555	0.27	cps
Terbium	159-1	10107456	10224391	9883309	10071719	1.72	cps
Terbium	159-2	1949690	1938927	1951651	1946756	0.35	cps
Thallium	203-1	167	242	142	183	28.38	cps
Thallium	205-1	442	400	433	425	5.19	cps
Tin	118-1	13557	12890	13457	13302	2.71	cps
Titanium	47-1	1850	1917	1850	1872	2.06	cps
Uranium	238-1	8086	8261	8745	8364	4.08	cps
Vanadium	51-2	2080	1823	1994	1966	6.64	cps
Yttrium	89-1	6947066	6947192	6776024	6890094	1.43	cps
Yttrium	89-2	204056	202890	203645	203531	0.29	cps
Zinc	66-2	1420	1630	1660	1570	8.33	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-14	Instrumnet Name :	P8
Client Sample ID :	S13-0243	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:47:40	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14650	14125	15084	14620	3.29	cps
Zirconium	91-1	3501	3476	3659	3545	2.81	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-15	Instrumnet Name :	P8
Client Sample ID :	S13-0253	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:51:01	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	220	195	218	211	6.53	cps
Antimony	121-1	12515	12740	13124	12793	2.41	cps
Arsenic	75-2	272	313	281	289	7.39	cps
Barium	135-1	29801	29367	30461	29876	1.84	cps
Barium	137-1	52589	53994	52305	52963	1.71	cps
Beryllium	9-1	100	150	172	141	26.28	cps
Bismuth	209-1	7189098	7154534	7162012	7168548	0.25	cps
Bismuth	209-2	1754494	1657851	1730158	1714168	2.93	cps
Boron	10-1	2192	2042	2342	2192	6.84	cps
Boron	11-1	10621	10571	10354	10515	1.35	cps
Cadmium	111-1	1138	1121	1038	1099	4.88	cps
Cadmium	106-1	1492	1492	1317	1433	7.05	cps
Cadmium	108-1	21	21	13	18	26.64	cps
Calcium	43-1	424121	413323	414859	417434	1.40	cps
Calcium	44-1	6965458	6948786	6937004	6950416	0.21	cps
Chromium	52-2	937	1027	873	946	8.15	cps
Cobalt	59-2	2047	1934	1974	1985	2.90	cps
Copper	63-2	6678	6908	7235	6941	4.03	cps
Dysprosium	156-1	200	217	233	217	7.69	cps
Dysprosium	156-2	23	43	47	38	33.41	cps
Erbium	164-1	150	242	175	189	25.09	cps
Erbium	164-2	47	57	47	50	11.55	cps
Gadolinium	160-1	283	175	258	239	23.74	cps
Gadolinium	160-2	60	37	47	48	24.50	cps
Holmium	165-1	10059209	10152751	10116312	10109424	0.47	cps
Holmium	165-2	2016986	1897168	1996573	1970242	3.25	cps
Indium	115-1	7146935	7237180	7057576	7147230	1.26	cps
Indium	115-2	281436	262543	278788	274256	3.73	cps
Iron	56-2	1920825	1927106	1910034	1919322	0.45	cps
Iron	57-2	47581	46272	46829	46894	1.40	cps
Krypton	83-1	343	343	317	334	4.60	cps
Lead	206-1	2122	2195	2078	2132	2.76	cps
Lead	207-1	1706	1806	1500	1671	9.33	cps
Lead	208-1	8007	8312	7551	7957	4.82	cps
Lithium	6-1	837091	829930	830123	832382	0.49	cps
Magnesium	24-2	135362	137685	137965	137004	1.04	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-15	Instrumnet Name :	P8
Client Sample ID :	S13-0253	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:51:01	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	288556	288599	288533	288563	0.01	cps
Molybdenum	94-1	1625	1675	1517	1606	5.04	cps
Molybdenum	95-1	1875	1684	1800	1786	5.41	cps
Molybdenum	96-1	2075	2067	1992	2045	2.24	cps
Molybdenum	97-1	1108	1325	1100	1178	10.83	cps
Molybdenum	98-1	2875	3042	3084	3000	3.68	cps
Neodymium	150-1	173	220	267	220	21.21	cps
Neodymium	150-2	40	20	37	32	33.25	cps
Nickel	60-2	1683	1600	1510	1598	5.43	cps
Phosphorus	31-2	75	50	42	56	31.22	cps
Potassium	39-2	61787	62941	61903	62210	1.02	cps
Rhodium	103-1	6428161	6471217	6453857	6451078	0.34	cps
Rhodium	103-2	1774990	1658266	1749541	1727599	3.55	cps
Scandium	45-1	3347495	3391570	3320666	3353244	1.07	cps
Scandium	45-2	26118	24739	25253	25370	2.75	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	2	7	4	4	65.54	cps
Selenium	82-1	-43	-10	-13	-22	-83.46	cps
Silicon	28-1	18777626	18641145	18803358	18740710	0.47	cps
Silver	109-1	558	425	575	519	15.83	cps
Silver	107-1	633	600	608	614	2.83	cps
Sodium	23-2	2263828	2273229	2278796	2271951	0.33	cps
Strontium	86-1	347018	347296	344567	346294	0.43	cps
Strontium	88-1	3084675	3124569	3096607	3101950	0.66	cps
Sulfur	34-1	210048	209439	208583	209357	0.35	cps
Terbium	159-1	10233857	10380556	10279729	10298048	0.73	cps
Terbium	159-2	1938574	1842247	1948603	1909808	3.07	cps
Thallium	203-1	233	250	250	244	3.94	cps
Thallium	205-1	450	575	533	519	12.25	cps
Tin	118-1	12523	12648	12682	12618	0.66	cps
Titanium	47-1	2334	2125	2092	2184	6.00	cps
Uranium	238-1	5318	5110	5101	5176	2.37	cps
Vanadium	51-2	350	330	443	374	16.16	cps
Yttrium	89-1	6958384	6975453	6915814	6949884	0.44	cps
Yttrium	89-2	200191	189019	199211	196140	3.15	cps
Zinc	66-2	3050	2907	3140	3033	3.88	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-15	Instrumnet Name :	P8
Client Sample ID :	S13-0253	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:51:01	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1717	1534	1667	1639	5.78	cps
Zirconium	91-1	317	375	433	375	15.56	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:54:21	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	242847	240519	237852	240406	1.04	cps
Antimony	121-1	3442166	3477852	3481226	3467081	0.62	cps
Arsenic	75-2	41430	41438	41863	41577	0.60	cps
Barium	135-1	4156279	4226777	4151164	4178074	1.01	cps
Barium	137-1	7214969	7239933	7187923	7214275	0.36	cps
Beryllium	9-1	371460	373400	376498	373786	0.68	cps
Bismuth	209-1	7262067	7289770	7274621	7275486	0.19	cps
Bismuth	209-2	1897023	1917974	1793890	1869629	3.55	cps
Boron	10-1	41987	43459	43893	43113	2.32	cps
Boron	11-1	205349	212562	217729	211880	2.93	cps
Cadmium	111-1	810678	807351	804832	807620	0.36	cps
Cadmium	106-1	85463	84112	83139	84238	1.39	cps
Cadmium	108-1	57643	55660	56903	56736	1.77	cps
Calcium	43-1	3513991	3488475	3480973	3494480	0.50	cps
Calcium	44-1	56883399	57032933	56668730	56861687	0.32	cps
Chromium	52-2	322530	321451	320420	321467	0.33	cps
Cobalt	59-2	689383	677784	680124	682431	0.90	cps
Copper	63-2	1167127	1156480	1162220	1161942	0.46	cps
Dysprosium	156-1	125	117	108	117	7.14	cps
Dysprosium	156-2	13	7	7	9	43.25	cps
Erbium	164-1	58	25	0	28	105.36	cps
Erbium	164-2	20	10	0	10	100.00	cps
Gadolinium	160-1	142	150	92	128	24.69	cps
Gadolinium	160-2	10	23	10	14	53.28	cps
Holmium	165-1	10810278	10793737	10839267	10814428	0.21	cps
Holmium	165-2	2314896	2334959	2170138	2273331	3.96	cps
Indium	115-1	7680179	7663954	7716948	7687027	0.35	cps
Indium	115-2	322380	323038	301353	315590	3.91	cps
Iron	56-2	52966865	52639861	52274301	52627009	0.66	cps
Iron	57-2	1324119	1307339	1307606	1313021	0.73	cps
Krypton	83-1	410	293	350	351	16.62	cps
Lead	206-1	2825236	2803664	2811485	2813462	0.39	cps
Lead	207-1	2621152	2590770	2622025	2611316	0.68	cps
Lead	208-1	11579524	11533748	11613598	11575623	0.35	cps
Lithium	6-1	722617	735585	742924	733708	1.40	cps
Magnesium	24-2	5338587	5267460	5271384	5292477	0.76	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:54:21	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	180958	177889	177525	178791	1.05	cps
Molybdenum	94-1	6256713	6281331	6222597	6253547	0.47	cps
Molybdenum	95-1	7790876	7747617	7720956	7753149	0.46	cps
Molybdenum	96-1	8576841	8682742	8585735	8615106	0.68	cps
Molybdenum	97-1	4869741	4901509	4882620	4884623	0.33	cps
Molybdenum	98-1	12408764	12452304	12365430	12408833	0.35	cps
Neodymium	150-1	233	267	187	229	17.56	cps
Neodymium	150-2	17	3	3	8	99.04	cps
Nickel	60-2	204518	201958	202520	202999	0.66	cps
Phosphorus	31-2	3409	3201	3092	3234	4.98	cps
Potassium	39-2	1484026	1455778	1440182	1459995	1.52	cps
Rhodium	103-1	6925067	6919106	6858497	6900890	0.53	cps
Rhodium	103-2	1927288	1955909	1814005	1899067	3.95	cps
Scandium	45-1	3993731	3972789	3975267	3980596	0.29	cps
Scandium	45-2	31829	32344	29692	31288	4.50	cps
Selenium	77-2	273	233	250	252	7.97	cps
Selenium	78-2	932	1002	963	965	3.65	cps
Selenium	82-1	48606	48406	48120	48377	0.51	cps
Silicon	28-1	1660464	1678070	1698910	1679148	1.15	cps
Silver	109-1	3933148	3874630	3851719	3886499	1.08	cps
Silver	107-1	4046490	4041577	4090855	4059640	0.67	cps
Sodium	23-2	12196262	12177978	12068945	12147728	0.57	cps
Strontium	86-1	944612	941830	940665	942369	0.22	cps
Strontium	88-1	8377531	8329197	8335678	8347468	0.31	cps
Sulfur	34-1	442557	441611	437673	440614	0.59	cps
Terbium	159-1	11064489	11081056	11115382	11086976	0.23	cps
Terbium	159-2	2194018	2222882	2050746	2155882	4.28	cps
Thallium	203-1	3454699	3502846	3483569	3480371	0.70	cps
Thallium	205-1	8264279	8235385	8276316	8258660	0.25	cps
Tin	118-1	2622860	2617415	2649409	2629895	0.65	cps
Titanium	47-1	1801744	1813636	1784424	1799935	0.82	cps
Uranium	238-1	11630289	11657637	11721747	11669891	0.40	cps
Vanadium	51-2	234272	233626	233284	233727	0.21	cps
Yttrium	89-1	7821633	7862959	7800753	7828448	0.40	cps
Yttrium	89-2	240832	240474	225131	235479	3.81	cps
Zinc	66-2	110207	109028	108413	109216	0.83	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:54:21	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5191467	5212316	5175945	5193243	0.35	cps
Zirconium	91-1	1148543	1143883	1143594	1145340	0.24	cps

LB Number : LB98004 Operator : Jaswal
 Lab Sample ID : CCB41 Instrumnet Name : P8
 Client Sample ID : CCB41 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-17 18:57:33 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13	15	28	18	43.86	cps
Antimony	121-1	8970	7161	7386	7839	12.58	cps
Arsenic	75-2	9	9	4	7	43.34	cps
Barium	135-1	117	150	83	117	28.57	cps
Barium	137-1	333	175	225	244	33.11	cps
Beryllium	9-1	244	322	250	272	15.94	cps
Bismuth	209-1	7398194	7362122	7404380	7388232	0.31	cps
Bismuth	209-2	1935090	1876701	1915274	1909022	1.56	cps
Boron	10-1	2067	1550	1859	1825	14.24	cps
Boron	11-1	9845	9162	8444	9151	7.66	cps
Cadmium	111-1	1331	1183	1156	1223	7.71	cps
Cadmium	106-1	1717	1492	1559	1589	7.27	cps
Cadmium	108-1	29	17	38	28	37.74	cps
Calcium	43-1	567	433	583	528	15.58	cps
Calcium	44-1	18471	17654	16410	17512	5.93	cps
Chromium	52-2	610	540	523	558	8.24	cps
Cobalt	59-2	47	63	43	51	20.97	cps
Copper	63-2	1100	1270	1327	1232	9.57	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	25	8	22	57.29	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	58	50	83	64	27.15	cps
Gadolinium	160-2	7	20	7	11	69.25	cps
Holmium	165-1	10638255	10590566	10733330	10654051	0.68	cps
Holmium	165-2	2222847	2180306	2224470	2209208	1.13	cps
Indium	115-1	7744656	7677513	7879623	7767264	1.33	cps
Indium	115-2	329989	320716	327537	326080	1.47	cps
Iron	56-2	3306	2589	2761	2886	12.97	cps
Iron	57-2	67	83	78	76	11.18	cps
Krypton	83-1	360	313	317	330	7.89	cps
Lead	206-1	294	283	278	285	2.98	cps
Lead	207-1	222	244	200	222	10.00	cps
Lead	208-1	1106	1200	1044	1117	7.02	cps
Lithium	6-1	765428	764059	772324	767271	0.58	cps
Magnesium	24-2	400	408	283	364	19.21	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P8
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:57:33	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	93	63	67	74	22.09	cps
Molybdenum	94-1	2667	2184	2175	2342	12.02	cps
Molybdenum	95-1	3242	2792	2159	2731	19.93	cps
Molybdenum	96-1	3359	3050	3242	3217	4.84	cps
Molybdenum	97-1	2159	1617	1634	1803	17.09	cps
Molybdenum	98-1	5493	4784	4017	4765	15.49	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1090	890	1010	997	10.10	cps
Phosphorus	31-2	8	17	25	17	50.01	cps
Potassium	39-2	2492	2784	2317	2531	9.32	cps
Rhodium	103-1	7225223	7160497	7261519	7215746	0.71	cps
Rhodium	103-2	2021848	1976938	2028592	2009126	1.40	cps
Scandium	45-1	3937147	3953682	3983395	3958075	0.59	cps
Scandium	45-2	31412	30954	32057	31474	1.76	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	-4	15	22	11	126.23	cps
Silicon	28-1	209609	208257	207150	208339	0.59	cps
Silver	109-1	700	533	575	603	14.39	cps
Silver	107-1	617	592	592	600	2.41	cps
Sodium	23-2	6327	6543	6360	6410	1.82	cps
Strontium	86-1	442	542	500	494	10.16	cps
Strontium	88-1	492	308	400	400	22.92	cps
Sulfur	34-1	242233	241276	245064	242858	0.81	cps
Terbium	159-1	10923589	10757969	10908238	10863265	0.84	cps
Terbium	159-2	2134510	2084904	2134795	2118070	1.36	cps
Thallium	203-1	700	833	617	717	15.25	cps
Thallium	205-1	1675	1367	1433	1492	10.88	cps
Tin	118-1	2359	2059	1767	2061	14.35	cps
Titanium	47-1	183	208	175	189	9.18	cps
Uranium	238-1	575	408	325	436	29.19	cps
Vanadium	51-2	7	10	27	14	74.18	cps
Yttrium	89-1	7787014	7724818	7812940	7774924	0.58	cps
Yttrium	89-2	241495	233306	236551	237117	1.74	cps
Zinc	66-2	237	267	247	250	6.11	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P8
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 18:57:33	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2067	2250	1900	2072	8.45	cps
Zirconium	91-1	725	408	417	517	34.93	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-16	Instrumnet Name :	P8
Client Sample ID :	S13-0244	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 19:00:56	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	188	158	188	178	9.76	cps
Antimony	121-1	24073	19164	17746	20328	16.33	cps
Arsenic	75-2	2089	2050	1848	1996	6.48	cps
Barium	135-1	34989	35490	34371	34950	1.60	cps
Barium	137-1	60556	61351	61368	61092	0.76	cps
Beryllium	9-1	222	222	194	213	7.53	cps
Bismuth	209-1	7018783	7013707	7030217	7020902	0.12	cps
Bismuth	209-2	1693067	1669489	1634951	1665836	1.75	cps
Boron	10-1	2475	2450	2625	2517	3.76	cps
Boron	11-1	12264	12055	11597	11972	2.85	cps
Cadmium	111-1	1250	1080	1149	1160	7.38	cps
Cadmium	106-1	1592	1358	1525	1492	8.06	cps
Cadmium	108-1	50	42	21	38	40.07	cps
Calcium	43-1	1092305	1102738	1098662	1097902	0.48	cps
Calcium	44-1	18235794	18205864	18108484	18183381	0.37	cps
Chromium	52-2	1977	1827	1773	1859	5.67	cps
Cobalt	59-2	4421	4384	4608	4471	2.68	cps
Copper	63-2	5341	5271	5234	5282	1.03	cps
Dysprosium	156-1	1767	1767	1584	1706	6.21	cps
Dysprosium	156-2	323	287	373	328	13.27	cps
Erbium	164-1	1258	1542	1483	1428	10.48	cps
Erbium	164-2	320	253	237	270	16.33	cps
Gadolinium	160-1	1542	1675	1909	1709	10.86	cps
Gadolinium	160-2	380	433	397	403	6.77	cps
Holmium	165-1	9939344	9935231	9965429	9946668	0.16	cps
Holmium	165-2	2004010	1972397	1977159	1984522	0.86	cps
Indium	115-1	6979265	6977595	6984151	6980337	0.05	cps
Indium	115-2	275886	264928	270648	270487	2.03	cps
Iron	56-2	9688323	9672290	9642727	9667780	0.24	cps
Iron	57-2	241710	242269	241633	241871	0.14	cps
Krypton	83-1	290	290	343	308	10.00	cps
Lead	206-1	1133	1161	1089	1128	3.23	cps
Lead	207-1	922	1100	906	976	11.04	cps
Lead	208-1	4500	4845	4389	4578	5.19	cps
Lithium	6-1	826456	831489	832195	830046	0.38	cps
Magnesium	24-2	266629	264994	263272	264965	0.63	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-16	Instrumnet Name :	P8
Client Sample ID :	S13-0244	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 19:00:56	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	355063	353564	351478	353368	0.51	cps
Molybdenum	94-1	9637	9362	8261	9087	8.01	cps
Molybdenum	95-1	2359	2284	2150	2264	4.66	cps
Molybdenum	96-1	4243	3817	3434	3831	10.56	cps
Molybdenum	97-1	1659	1542	1525	1575	4.61	cps
Molybdenum	98-1	3884	3659	3742	3762	3.03	cps
Neodymium	150-1	2054	2200	2194	2149	3.85	cps
Neodymium	150-2	283	243	260	262	7.66	cps
Nickel	60-2	2587	2640	2744	2657	3.00	cps
Phosphorus	31-2	58	83	42	61	34.32	cps
Potassium	39-2	33357	33516	34000	33625	1.00	cps
Rhodium	103-1	6243006	6253022	6287075	6261035	0.37	cps
Rhodium	103-2	1743525	1695360	1684537	1707807	1.84	cps
Scandium	45-1	3406963	3341118	3368133	3372071	0.98	cps
Scandium	45-2	25981	25063	25921	25655	2.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	47	62	-6	34	104.82	cps
Silicon	28-1	26901041	27018602	26802819	26907487	0.40	cps
Silver	109-1	1300	1125	1075	1167	10.13	cps
Silver	107-1	1500	1375	1067	1314	16.98	cps
Sodium	23-2	9458654	9543680	9483653	9495329	0.46	cps
Strontium	86-1	786834	783777	783190	784600	0.25	cps
Strontium	88-1	6940031	7000664	6938735	6959810	0.51	cps
Sulfur	34-1	220045	215233	212129	215802	1.85	cps
Terbium	159-1	9977388	10105036	10170172	10084199	0.97	cps
Terbium	159-2	1937179	1878575	1884230	1899995	1.70	cps
Thallium	203-1	875	658	600	711	20.38	cps
Thallium	205-1	2134	1684	1634	1817	15.16	cps
Tin	118-1	13466	13332	12440	13079	4.27	cps
Titanium	47-1	1400	1684	1700	1595	10.57	cps
Uranium	238-1	7961	8253	8487	8234	3.20	cps
Vanadium	51-2	2017	1957	2004	1992	1.58	cps
Yttrium	89-1	6896199	6853088	6907960	6885749	0.42	cps
Yttrium	89-2	201715	193138	196518	197124	2.19	cps
Zinc	66-2	1230	1313	1397	1313	6.35	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-16	Instrumnet Name :	P8
Client Sample ID :	S13-0244	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 19:00:56	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	23972	22277	19465	21905	10.39	cps
Zirconium	91-1	5460	5026	4576	5021	8.80	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-17	Instrumnet Name :	P8
Client Sample ID :	S13-0261	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 19:04:17	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	80	80	65	75	11.54	cps
Antimony	121-1	14684	16027	15785	15498	4.62	cps
Arsenic	75-2	115	128	141	128	10.14	cps
Barium	135-1	8420	8486	8103	8336	2.46	cps
Barium	137-1	14909	14008	14926	14614	3.59	cps
Beryllium	9-1	222	217	233	224	3.79	cps
Bismuth	209-1	7094599	7049322	7175354	7106425	0.90	cps
Bismuth	209-2	1736297	1705308	1690500	1710702	1.37	cps
Boron	10-1	3792	4126	4042	3987	4.35	cps
Boron	11-1	17378	17369	18329	17692	3.12	cps
Cadmium	111-1	1206	990	1156	1117	10.13	cps
Cadmium	106-1	1500	1175	1383	1353	12.17	cps
Cadmium	108-1	33	29	13	25	44.09	cps
Calcium	43-1	310267	312854	311429	311517	0.42	cps
Calcium	44-1	5198726	5161105	5182787	5180873	0.36	cps
Chromium	52-2	807	770	770	782	2.71	cps
Cobalt	59-2	133	117	110	120	10.02	cps
Copper	63-2	6818	6718	6945	6827	1.66	cps
Dysprosium	156-1	450	317	433	400	18.16	cps
Dysprosium	156-2	67	80	63	70	12.60	cps
Erbium	164-1	375	375	317	356	9.47	cps
Erbium	164-2	40	73	57	57	29.41	cps
Gadolinium	160-1	475	442	417	444	6.59	cps
Gadolinium	160-2	120	60	123	101	35.25	cps
Holmium	165-1	9939161	9969532	9997819	9968837	0.29	cps
Holmium	165-2	1992942	1962079	1967990	1974337	0.83	cps
Indium	115-1	7048163	7108359	7215644	7124055	1.19	cps
Indium	115-2	275638	274161	275400	275067	0.29	cps
Iron	56-2	78631	77889	78280	78267	0.47	cps
Iron	57-2	1889	2084	1989	1987	4.89	cps
Krypton	83-1	250	290	317	286	11.75	cps
Lead	206-1	1306	1400	1233	1313	6.37	cps
Lead	207-1	1017	1072	1183	1091	7.78	cps
Lead	208-1	5006	5067	5051	5041	0.63	cps
Lithium	6-1	809074	799708	799966	802916	0.66	cps
Magnesium	24-2	104592	103819	104382	104264	0.38	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-17	Instrumnet Name :	P8
Client Sample ID :	S13-0261	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 19:04:17	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10824	10828	10558	10737	1.44	cps
Molybdenum	94-1	1792	1592	1567	1650	7.47	cps
Molybdenum	95-1	600	683	600	628	7.66	cps
Molybdenum	96-1	1017	975	842	945	9.68	cps
Molybdenum	97-1	667	467	458	531	22.23	cps
Molybdenum	98-1	1167	1267	1167	1200	4.81	cps
Neodymium	150-1	300	307	333	313	5.63	cps
Neodymium	150-2	53	27	43	41	32.76	cps
Nickel	60-2	2817	2544	2610	2657	5.36	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	21525	20708	21292	21175	1.99	cps
Rhodium	103-1	6319776	6384748	6372315	6358946	0.54	cps
Rhodium	103-2	1750412	1746309	1731935	1742885	0.56	cps
Scandium	45-1	3294116	3275162	3321927	3297068	0.71	cps
Scandium	45-2	25253	25243	25440	25312	0.44	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	52	22	-31	14	294.56	cps
Silicon	28-1	14684876	14591359	14501637	14592624	0.63	cps
Silver	109-1	867	867	942	892	4.86	cps
Silver	107-1	767	983	950	900	12.96	cps
Sodium	23-2	311845	311517	310881	311414	0.16	cps
Strontium	86-1	339799	338370	340709	339626	0.35	cps
Strontium	88-1	3052330	3072623	3073850	3066268	0.39	cps
Sulfur	34-1	398015	393553	390212	393927	0.99	cps
Terbium	159-1	10065123	10157571	10204914	10142536	0.70	cps
Terbium	159-2	1890551	1886787	1891859	1889732	0.14	cps
Thallium	203-1	367	567	467	467	21.43	cps
Thallium	205-1	1208	1067	1058	1111	7.59	cps
Tin	118-1	11072	11530	11280	11294	2.03	cps
Titanium	47-1	717	683	842	747	11.17	cps
Uranium	238-1	113649	114969	113818	114145	0.63	cps
Vanadium	51-2	73	93	57	74	24.66	cps
Yttrium	89-1	6803841	6840458	6834727	6826342	0.29	cps
Yttrium	89-2	196454	196685	195454	196198	0.33	cps
Zinc	66-2	3591	3577	3751	3639	2.65	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-17	Instrumnet Name :	P8
Client Sample ID :	S13-0261	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 19:04:17	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3726	3326	3501	3517	5.70	cps
Zirconium	91-1	858	842	700	800	10.88	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-01DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0256DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:07:39	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43	35	25	34	25.69	cps
Antimony	121-1	3992	3992	3684	3890	4.58	cps
Arsenic	75-2	926	948	898	924	2.71	cps
Barium	135-1	5293	5293	5168	5251	1.37	cps
Barium	137-1	8612	9354	8870	8945	4.21	cps
Beryllium	9-1	178	156	83	139	35.55	cps
Bismuth	209-1	7526136	7474891	7133668	7378231	2.89	cps
Bismuth	209-2	1924251	1936855	1948268	1936458	0.62	cps
Boron	10-1	2234	2217	1992	2147	6.29	cps
Boron	11-1	10738	10387	11130	10752	3.45	cps
Cadmium	111-1	1143	1075	1183	1134	4.83	cps
Cadmium	106-1	1600	1508	1667	1592	5.00	cps
Cadmium	108-1	8	8	0	6	86.60	cps
Calcium	43-1	48535	49154	49447	49045	0.95	cps
Calcium	44-1	803775	801209	806287	803757	0.32	cps
Chromium	52-2	533	607	637	592	8.98	cps
Cobalt	59-2	3324	3344	3310	3326	0.50	cps
Copper	63-2	2247	2207	2217	2224	0.94	cps
Dysprosium	156-1	117	125	117	119	4.03	cps
Dysprosium	156-2	30	23	23	26	15.07	cps
Erbium	164-1	117	67	108	97	27.55	cps
Erbium	164-2	20	17	27	21	24.12	cps
Gadolinium	160-1	208	133	158	167	22.91	cps
Gadolinium	160-2	40	40	57	46	21.13	cps
Holmium	165-1	10622038	10603263	10083858	10436386	2.93	cps
Holmium	165-2	2223230	2194166	2170584	2195993	1.20	cps
Indium	115-1	7637634	7666236	7287190	7530353	2.80	cps
Indium	115-2	319474	311252	317928	316218	1.38	cps
Iron	56-2	4082455	4071474	4081383	4078437	0.15	cps
Iron	57-2	101326	100902	101617	101282	0.36	cps
Krypton	83-1	343	317	313	324	5.07	cps
Lead	206-1	294	428	311	344	21.09	cps
Lead	207-1	328	317	328	324	1.98	cps
Lead	208-1	1356	1533	1445	1445	6.15	cps
Lithium	6-1	741685	736993	710858	729845	2.28	cps
Magnesium	24-2	22786	22894	23019	22900	0.51	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-01DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0256DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:07:39	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	130923	130119	130069	130370	0.37	cps
Molybdenum	94-1	650	700	725	692	5.52	cps
Molybdenum	95-1	617	642	675	644	4.54	cps
Molybdenum	96-1	842	1025	1108	992	13.76	cps
Molybdenum	97-1	508	525	675	569	16.12	cps
Molybdenum	98-1	1058	1158	1200	1139	6.39	cps
Neodymium	150-1	87	133	140	120	24.22	cps
Neodymium	150-2	7	13	7	9	43.25	cps
Nickel	60-2	1317	1227	1170	1238	5.98	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	7019	6552	6477	6682	4.39	cps
Rhodium	103-1	7034579	6987642	6621633	6881284	3.29	cps
Rhodium	103-2	1980546	1978208	1982145	1980300	0.10	cps
Scandium	45-1	3758547	3705684	3539222	3667818	3.12	cps
Scandium	45-2	30153	29962	29792	29969	0.60	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	6	2	173.21	cps
Selenium	82-1	30	-11	29	16	143.88	cps
Silicon	28-1	6066678	6035022	6074399	6058699	0.34	cps
Silver	109-1	317	392	433	381	15.54	cps
Silver	107-1	425	358	342	375	11.76	cps
Sodium	23-2	78114	76087	77285	77162	1.32	cps
Strontium	86-1	64168	63449	64428	64015	0.79	cps
Strontium	88-1	559057	558181	562431	559889	0.40	cps
Sulfur	34-1	223533	222515	222464	222838	0.27	cps
Terbium	159-1	10799544	10719047	10269335	10595976	2.70	cps
Terbium	159-2	2135743	2060981	2090547	2095757	1.80	cps
Thallium	203-1	200	125	117	147	31.17	cps
Thallium	205-1	400	417	483	433	10.18	cps
Tin	118-1	3009	3184	2859	3017	5.39	cps
Titanium	47-1	250	183	200	211	16.43	cps
Uranium	238-1	908	867	950	908	4.59	cps
Vanadium	51-2	47	57	53	52	9.75	cps
Yttrium	89-1	7508196	7524483	7162879	7398519	2.76	cps
Yttrium	89-2	228216	226389	228185	227597	0.46	cps
Zinc	66-2	497	470	523	497	5.37	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-01DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0256DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:07:39	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	742	942	742	808	14.29	cps
Zirconium	91-1	225	242	200	222	9.44	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:11:00	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	58	33	47	27.49	cps
Antimony	121-1	3142	3359	3351	3284	3.74	cps
Arsenic	75-2	11	19	26	19	40.01	cps
Barium	135-1	2992	3009	2917	2973	1.64	cps
Barium	137-1	5243	5618	5493	5451	3.50	cps
Beryllium	9-1	100	161	128	130	23.61	cps
Bismuth	209-1	7271099	7421816	7271636	7321517	1.19	cps
Bismuth	209-2	1823894	1905129	1933944	1887656	3.02	cps
Boron	10-1	1075	1092	792	986	17.10	cps
Boron	11-1	4926	4909	4868	4901	0.61	cps
Cadmium	111-1	1081	975	998	1018	5.49	cps
Cadmium	106-1	1525	1375	1400	1433	5.61	cps
Cadmium	108-1	17	13	4	11	57.27	cps
Calcium	43-1	211622	214040	212264	212642	0.59	cps
Calcium	44-1	3548526	3566615	3544512	3553218	0.33	cps
Chromium	52-2	763	770	890	808	8.83	cps
Cobalt	59-2	47	53	70	57	21.21	cps
Copper	63-2	2227	2230	2077	2178	4.02	cps
Dysprosium	156-1	42	17	42	33	43.30	cps
Dysprosium	156-2	0	7	13	7	99.98	cps
Erbium	164-1	33	100	50	61	56.78	cps
Erbium	164-2	10	30	20	20	50.00	cps
Gadolinium	160-1	33	92	58	61	47.89	cps
Gadolinium	160-2	23	17	13	18	28.64	cps
Holmium	165-1	10411374	10443764	10469136	10441425	0.28	cps
Holmium	165-2	2112307	2188604	2208234	2169715	2.34	cps
Indium	115-1	7600403	7627020	7583288	7603570	0.29	cps
Indium	115-2	303984	315277	318218	312493	2.40	cps
Iron	56-2	6819	6780	6891	6830	0.83	cps
Iron	57-2	172	244	222	213	17.37	cps
Krypton	83-1	317	323	327	322	1.58	cps
Lead	206-1	528	367	394	430	20.05	cps
Lead	207-1	389	344	367	367	6.06	cps
Lead	208-1	1800	1595	1678	1691	6.12	cps
Lithium	6-1	697269	704351	692071	697897	0.88	cps
Magnesium	24-2	60103	59843	61818	60588	1.77	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:11:00	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	253	260	323	279	13.85	cps
Molybdenum	94-1	450	400	417	422	6.03	cps
Molybdenum	95-1	292	408	267	322	23.47	cps
Molybdenum	96-1	425	375	325	375	13.33	cps
Molybdenum	97-1	267	325	267	286	11.77	cps
Molybdenum	98-1	450	392	533	458	15.53	cps
Neodymium	150-1	33	47	27	36	28.64	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1230	1230	1183	1215	2.22	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	6819	7052	6627	6832	3.12	cps
Rhodium	103-1	6865164	6962151	6946758	6924691	0.75	cps
Rhodium	103-2	1924744	1954876	1954389	1944669	0.89	cps
Scandium	45-1	3729443	3726398	3742375	3732739	0.23	cps
Scandium	45-2	29064	30229	30857	30050	3.03	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	15	12	-32	-1	-2124.40	cps
Silicon	28-1	3455452	3389846	3403686	3416328	1.01	cps
Silver	109-1	358	300	392	350	13.26	cps
Silver	107-1	433	517	375	442	16.12	cps
Sodium	23-2	774539	771249	775102	773630	0.27	cps
Strontium	86-1	205556	200492	199814	201954	1.55	cps
Strontium	88-1	1839709	1832096	1829337	1833714	0.29	cps
Sulfur	34-1	258657	258669	256741	258023	0.43	cps
Terbium	159-1	10470733	10788404	10601974	10620370	1.50	cps
Terbium	159-2	2032426	2102069	2109925	2081474	2.05	cps
Thallium	203-1	192	150	100	147	31.18	cps
Thallium	205-1	325	342	358	342	4.88	cps
Tin	118-1	3242	3467	3284	3331	3.59	cps
Titanium	47-1	200	142	275	206	32.52	cps
Uranium	238-1	1267	1050	1125	1147	9.59	cps
Vanadium	51-2	30	37	30	32	11.95	cps
Yttrium	89-1	7452638	7492912	7462007	7469186	0.28	cps
Yttrium	89-2	221980	228596	230561	227046	1.98	cps
Zinc	66-2	807	810	687	768	9.15	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:11:00	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	692	617	758	689	10.29	cps
Zirconium	91-1	167	192	175	178	7.16	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03DUPDLX25	Instrumnet Name :	P8
Client Sample ID :	S13-0242DUPDL	Dilution Factor :	25
Date & Time Acquired ::	2018-09-17 19:14:22	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35	35	60	43	33.31	cps
Antimony	121-1	3242	2934	3526	3234	9.15	cps
Arsenic	75-2	13	15	9	12	22.89	cps
Barium	135-1	3034	2992	3101	3042	1.80	cps
Barium	137-1	4901	5451	5243	5199	5.34	cps
Beryllium	9-1	156	117	89	120	27.82	cps
Bismuth	209-1	7131347	7266606	7203984	7200645	0.94	cps
Bismuth	209-2	1916728	1926963	1921549	1921747	0.27	cps
Boron	10-1	900	1025	875	933	8.61	cps
Boron	11-1	4576	3992	4376	4315	6.87	cps
Cadmium	111-1	1063	961	977	1000	5.52	cps
Cadmium	106-1	1492	1333	1392	1406	5.70	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	210557	211579	208948	210361	0.63	cps
Calcium	44-1	3532132	3513283	3514320	3519912	0.30	cps
Chromium	52-2	950	800	740	830	13.03	cps
Cobalt	59-2	60	87	77	74	18.10	cps
Copper	63-2	2130	2144	2084	2119	1.49	cps
Dysprosium	156-1	42	50	33	42	20.00	cps
Dysprosium	156-2	13	10	10	11	17.30	cps
Erbium	164-1	75	75	92	81	11.95	cps
Erbium	164-2	17	13	20	17	20.01	cps
Gadolinium	160-1	83	92	183	119	46.45	cps
Gadolinium	160-2	13	20	27	20	33.35	cps
Holmium	165-1	10035154	10373078	10382742	10263658	1.93	cps
Holmium	165-2	2216009	2212205	2208787	2212334	0.16	cps
Indium	115-1	7402273	7561467	7578201	7513980	1.29	cps
Indium	115-2	322476	322095	325227	323266	0.53	cps
Iron	56-2	7158	6446	6157	6587	7.82	cps
Iron	57-2	161	211	194	189	13.48	cps
Krypton	83-1	410	387	337	378	9.92	cps
Lead	206-1	344	456	394	398	13.98	cps
Lead	207-1	383	411	378	391	4.57	cps
Lead	208-1	1645	1833	1645	1708	6.39	cps
Lithium	6-1	671882	677366	686185	678478	1.06	cps
Magnesium	24-2	61584	59459	60530	60524	1.76	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03DUPDLX25	Instrumnet Name :	P8
Client Sample ID :	S13-0242DUPDL	Dilution Factor :	25
Date & Time Acquired ::	2018-09-17 19:14:22	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	263	307	260	277	9.41	cps
Molybdenum	94-1	425	358	383	389	8.66	cps
Molybdenum	95-1	258	208	192	219	15.81	cps
Molybdenum	96-1	350	275	300	308	12.39	cps
Molybdenum	97-1	200	342	292	278	25.87	cps
Molybdenum	98-1	325	492	508	442	22.95	cps
Neodymium	150-1	20	40	40	33	34.64	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	1117	1237	1233	1196	5.72	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	6677	6852	6777	6769	1.30	cps
Rhodium	103-1	6831900	6881325	6979039	6897421	1.09	cps
Rhodium	103-2	1988225	1970405	2019947	1992859	1.26	cps
Scandium	45-1	3634578	3772274	3745412	3717421	1.96	cps
Scandium	45-2	31833	31071	32107	31670	1.69	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	-94	-78	-19	-64	-61.56	cps
Silicon	28-1	3411702	3372838	3399212	3394584	0.58	cps
Silver	109-1	317	367	317	333	8.66	cps
Silver	107-1	425	283	358	356	19.93	cps
Sodium	23-2	778255	767670	769944	771956	0.72	cps
Strontium	86-1	198632	201516	201112	200420	0.78	cps
Strontium	88-1	1813727	1834122	1810849	1819566	0.70	cps
Sulfur	34-1	262538	263116	264573	263409	0.40	cps
Terbium	159-1	10276936	10502341	10602582	10460620	1.59	cps
Terbium	159-2	2110251	2115606	2121220	2115692	0.26	cps
Thallium	203-1	58	142	100	100	41.66	cps
Thallium	205-1	325	350	317	331	5.25	cps
Tin	118-1	3451	2800	3317	3189	10.77	cps
Titanium	47-1	200	125	275	200	37.50	cps
Uranium	238-1	1058	1067	1175	1100	5.92	cps
Vanadium	51-2	23	30	37	30	22.23	cps
Yttrium	89-1	7381711	7528796	7471752	7460753	0.99	cps
Yttrium	89-2	234729	233344	236348	234807	0.64	cps
Zinc	66-2	650	650	617	639	3.01	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03DUPDLX25	Instrumnet Name :	P8
Client Sample ID :	S13-0242DUPDL	Dilution Factor :	25
Date & Time Acquired ::	2018-09-17 19:14:22	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	833	825	800	820	2.12	cps
Zirconium	91-1	208	142	242	197	25.82	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03LDLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242LDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:17:43	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15	30	18	21	38.60	cps
Antimony	121-1	592	692	542	608	12.56	cps
Arsenic	75-2	6	6	4	5	21.74	cps
Barium	135-1	608	625	675	636	5.45	cps
Barium	137-1	1275	1117	1033	1142	10.75	cps
Beryllium	9-1	128	117	106	117	9.52	cps
Bismuth	209-1	7204784	7185907	7207414	7199369	0.16	cps
Bismuth	209-2	1969874	1892865	1967488	1943409	2.25	cps
Boron	10-1	642	533	592	589	9.21	cps
Boron	11-1	3142	2967	3025	3045	2.93	cps
Cadmium	111-1	1126	1112	1053	1097	3.49	cps
Cadmium	106-1	1600	1567	1483	1550	3.88	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Calcium	43-1	44630	43586	44204	44140	1.19	cps
Calcium	44-1	742594	741480	748353	744142	0.50	cps
Chromium	52-2	567	697	600	621	10.87	cps
Cobalt	59-2	63	40	53	52	22.41	cps
Copper	63-2	1270	1367	1370	1336	4.25	cps
Dysprosium	156-1	8	8	33	17	86.62	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	0	33	50	28	91.65	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	83	92	33	69	45.44	cps
Gadolinium	160-2	10	13	0	8	89.21	cps
Holmium	165-1	10396129	10347156	10256809	10333365	0.68	cps
Holmium	165-2	2262142	2189337	2285547	2245675	2.23	cps
Indium	115-1	7817575	7835716	7685605	7779632	1.05	cps
Indium	115-2	339069	323722	336203	332998	2.45	cps
Iron	56-2	2595	2706	2539	2613	3.25	cps
Iron	57-2	100	67	89	85	19.92	cps
Krypton	83-1	377	303	313	331	12.01	cps
Lead	206-1	189	189	233	204	12.59	cps
Lead	207-1	167	228	211	202	15.65	cps
Lead	208-1	828	867	850	848	2.30	cps
Lithium	6-1	677096	668327	667273	670898	0.80	cps
Magnesium	24-2	13190	13015	13515	13240	1.92	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03LDLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242LDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:17:43	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	107	150	123	127	17.25	cps
Molybdenum	94-1	350	358	367	358	2.33	cps
Molybdenum	95-1	175	117	150	147	19.88	cps
Molybdenum	96-1	308	283	275	289	6.00	cps
Molybdenum	97-1	225	158	192	192	17.39	cps
Molybdenum	98-1	267	350	258	292	17.38	cps
Neodymium	150-1	0	7	33	13	132.28	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1163	1107	1253	1175	6.30	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	3626	3342	3117	3362	7.58	cps
Rhodium	103-1	7285730	7155438	7133931	7191699	1.14	cps
Rhodium	103-2	2081632	1975244	2056090	2037656	2.73	cps
Scandium	45-1	3988487	3945554	3861109	3931717	1.65	cps
Scandium	45-2	33650	32234	33340	33075	2.25	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	-37	51	-16	-1	-6967.99	cps
Silicon	28-1	936121	937182	936274	936526	0.06	cps
Silver	109-1	283	325	275	294	9.10	cps
Silver	107-1	317	217	392	308	28.47	cps
Sodium	23-2	168140	168587	167735	168154	0.25	cps
Strontium	86-1	40528	42141	40795	41155	2.10	cps
Strontium	88-1	364943	361834	363364	363380	0.43	cps
Sulfur	34-1	252824	252644	255437	253635	0.62	cps
Terbium	159-1	10633902	10724271	10703803	10687325	0.44	cps
Terbium	159-2	2170870	2117654	2177330	2155285	1.52	cps
Thallium	203-1	117	167	150	144	17.63	cps
Thallium	205-1	367	292	225	294	24.07	cps
Tin	118-1	1200	1075	1133	1136	5.50	cps
Titanium	47-1	75	117	67	86	31.11	cps
Uranium	238-1	250	183	175	203	20.27	cps
Vanadium	51-2	33	13	27	24	41.66	cps
Yttrium	89-1	7795244	7706187	7699713	7733714	0.69	cps
Yttrium	89-2	248417	236285	243667	242790	2.52	cps
Zinc	66-2	287	327	350	321	9.97	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03LDLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242LDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:17:43	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	608	650	683	647	5.81	cps
Zirconium	91-1	83	142	200	142	41.18	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-04DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242MSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:21:06	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8610	8350	8585	8515	1.69	cps
Antimony	121-1	729790	740640	725588	732006	1.06	cps
Arsenic	75-2	7995	7669	7828	7831	2.08	cps
Barium	135-1	751731	756098	759097	755642	0.49	cps
Barium	137-1	1334257	1336959	1329757	1333657	0.27	cps
Beryllium	9-1	65013	66581	65734	65776	1.19	cps
Bismuth	209-1	7211187	7213920	7266594	7230567	0.43	cps
Bismuth	209-2	1963436	1926368	1926319	1938708	1.10	cps
Boron	10-1	7369	8294	8069	7911	6.10	cps
Boron	11-1	36163	38453	37767	37461	3.14	cps
Cadmium	111-1	154880	155487	156463	155610	0.51	cps
Cadmium	106-1	16603	16870	17095	16856	1.46	cps
Cadmium	108-1	10763	10884	10967	10871	0.94	cps
Calcium	43-1	341664	340725	342535	341641	0.26	cps
Calcium	44-1	5698098	5663428	5617989	5659838	0.71	cps
Chromium	52-2	60992	60326	60812	60710	0.57	cps
Cobalt	59-2	134777	132607	132220	133201	1.03	cps
Copper	63-2	233977	233050	234037	233688	0.24	cps
Dysprosium	156-1	25	42	25	31	31.50	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	92	42	75	69	36.66	cps
Erbium	164-2	17	10	17	14	26.66	cps
Gadolinium	160-1	100	117	125	114	11.18	cps
Gadolinium	160-2	17	20	10	16	32.73	cps
Holmium	165-1	10461039	10492306	10566490	10506611	0.52	cps
Holmium	165-2	2233986	2235142	2244118	2237749	0.25	cps
Indium	115-1	7702217	7721850	7694962	7706343	0.18	cps
Indium	115-2	327401	325331	324671	325801	0.44	cps
Iron	56-2	2101016	2092604	2082637	2092086	0.44	cps
Iron	57-2	52031	50926	52505	51821	1.56	cps
Krypton	83-1	357	307	297	320	10.05	cps
Lead	206-1	516184	519126	515360	516890	0.38	cps
Lead	207-1	455442	460605	454353	456800	0.73	cps
Lead	208-1	2085068	2094858	2081665	2087197	0.33	cps
Lithium	6-1	691834	690257	690214	690769	0.13	cps
Magnesium	24-2	272777	269814	271978	271523	0.56	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-04DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242MSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:21:06	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33932	33313	33380	33542	1.01	cps
Molybdenum	94-1	1141209	1137419	1134922	1137850	0.28	cps
Molybdenum	95-1	1439949	1420757	1447336	1436014	0.96	cps
Molybdenum	96-1	1606221	1600623	1590276	1599040	0.51	cps
Molybdenum	97-1	875379	880107	874576	876687	0.34	cps
Molybdenum	98-1	2308229	2347538	2338428	2331399	0.88	cps
Neodymium	150-1	80	67	67	71	10.82	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	41164	41285	40800	41083	0.61	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	60966	61812	61359	61379	0.69	cps
Rhodium	103-1	6948735	7029591	7109054	7029127	1.14	cps
Rhodium	103-2	2042891	2036601	2024498	2034663	0.46	cps
Scandium	45-1	3885671	3845335	3903315	3878107	0.77	cps
Scandium	45-2	32534	32103	32635	32424	0.87	cps
Selenium	77-2	57	43	70	57	23.53	cps
Selenium	78-2	206	180	180	188	7.95	cps
Selenium	82-1	9176	9381	9390	9316	1.30	cps
Silicon	28-1	3582127	3736950	3601184	3640087	2.32	cps
Silver	109-1	691557	696661	694401	694207	0.37	cps
Silver	107-1	727402	723077	731415	727298	0.57	cps
Sodium	23-2	1264345	1278390	1275790	1272842	0.59	cps
Strontium	86-1	376056	375555	371392	374334	0.68	cps
Strontium	88-1	3351944	3325872	3339111	3338976	0.39	cps
Sulfur	34-1	268804	269097	266425	268108	0.55	cps
Terbium	159-1	10671640	10674668	10683527	10676612	0.06	cps
Terbium	159-2	2115408	2156431	2149664	2140501	1.03	cps
Thallium	203-1	633943	628847	636600	633130	0.62	cps
Thallium	205-1	1531296	1524586	1527290	1527724	0.22	cps
Tin	118-1	467787	471478	465735	468333	0.62	cps
Titanium	47-1	319139	317399	318398	318312	0.27	cps
Uranium	238-1	2200659	2194974	2227699	2207777	0.79	cps
Vanadium	51-2	44296	43711	44444	44151	0.88	cps
Yttrium	89-1	7751497	7629904	7717427	7699610	0.81	cps
Yttrium	89-2	242338	238648	238086	239690	0.96	cps
Zinc	66-2	21564	21277	21597	21479	0.82	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-04DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242MSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:21:06	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	943145	943908	949446	945499	0.36	cps
Zirconium	91-1	212781	213846	212203	212943	0.39	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-05DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:24:25	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9298	9308	9180	9262	0.77	cps
Antimony	121-1	827942	822312	818566	822940	0.57	cps
Arsenic	75-2	8820	8658	8519	8666	1.73	cps
Barium	135-1	844461	840483	847406	844117	0.41	cps
Barium	137-1	1517579	1486903	1487711	1497398	1.17	cps
Beryllium	9-1	74163	73147	72337	73216	1.25	cps
Bismuth	209-1	7458381	7379032	7399944	7412452	0.55	cps
Bismuth	209-2	1960679	1969053	1920553	1950095	1.33	cps
Boron	10-1	8745	8686	9137	8856	2.77	cps
Boron	11-1	41561	42915	43258	42578	2.11	cps
Cadmium	111-1	173740	174758	173399	173966	0.41	cps
Cadmium	106-1	19557	20158	18997	19571	2.97	cps
Cadmium	108-1	12356	11822	11868	12015	2.46	cps
Calcium	43-1	383477	382274	379502	381751	0.53	cps
Calcium	44-1	6358385	6310787	6243582	6304251	0.91	cps
Chromium	52-2	66815	66155	66966	66646	0.65	cps
Cobalt	59-2	148619	145624	146643	146962	1.04	cps
Copper	63-2	259281	257754	258514	258516	0.30	cps
Dysprosium	156-1	67	8	42	39	75.26	cps
Dysprosium	156-2	10	13	17	13	25.01	cps
Erbium	164-1	50	117	83	83	40.00	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	100	150	100	117	24.75	cps
Gadolinium	160-2	20	13	23	19	26.96	cps
Holmium	165-1	10871063	10626335	10770233	10755877	1.14	cps
Holmium	165-2	2266158	2266311	2240889	2257786	0.65	cps
Indium	115-1	7831282	7752593	7834489	7806121	0.59	cps
Indium	115-2	329563	333213	320579	327785	1.98	cps
Iron	56-2	2342450	2286944	2303392	2310929	1.23	cps
Iron	57-2	57859	56002	56882	56914	1.63	cps
Krypton	83-1	313	330	330	324	2.97	cps
Lead	206-1	580071	578544	579586	579400	0.13	cps
Lead	207-1	510101	513153	511839	511697	0.30	cps
Lead	208-1	2333139	2340016	2333873	2335676	0.16	cps
Lithium	6-1	707803	697856	702315	702658	0.71	cps
Magnesium	24-2	297146	292693	296859	295566	0.84	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-05DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:24:25	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37046	37507	37213	37255	0.63	cps
Molybdenum	94-1	1279626	1280854	1277023	1279168	0.15	cps
Molybdenum	95-1	1616166	1622103	1611303	1616524	0.33	cps
Molybdenum	96-1	1796241	1817522	1795649	1803137	0.69	cps
Molybdenum	97-1	979243	978523	980792	979519	0.12	cps
Molybdenum	98-1	2584094	2605164	2570782	2586680	0.67	cps
Neodymium	150-1	73	67	60	67	10.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	45367	44745	45250	45121	0.73	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	67053	67864	66742	67220	0.86	cps
Rhodium	103-1	7274464	7122112	7147798	7181458	1.14	cps
Rhodium	103-2	2042690	2060389	2014522	2039200	1.13	cps
Scandium	45-1	3979818	3913879	3861972	3918556	1.51	cps
Scandium	45-2	32768	32625	32374	32589	0.61	cps
Selenium	77-2	47	57	70	58	20.26	cps
Selenium	78-2	161	204	193	186	11.89	cps
Selenium	82-1	10230	10202	10326	10253	0.63	cps
Silicon	28-1	3976459	3947401	3936368	3953409	0.52	cps
Silver	109-1	780945	782024	777033	780001	0.34	cps
Silver	107-1	814335	818553	810205	814364	0.51	cps
Sodium	23-2	1388710	1383809	1412646	1395055	1.11	cps
Strontium	86-1	417221	416595	417730	417182	0.14	cps
Strontium	88-1	3705049	3754561	3709274	3722961	0.74	cps
Sulfur	34-1	266197	266307	264398	265634	0.40	cps
Terbium	159-1	10867942	10877280	11006230	10917151	0.71	cps
Terbium	159-2	2185129	2200134	2125381	2170215	1.82	cps
Thallium	203-1	718823	712798	716693	716105	0.43	cps
Thallium	205-1	1745701	1742653	1767893	1752083	0.79	cps
Tin	118-1	529129	524084	522954	525389	0.63	cps
Titanium	47-1	358197	351055	351795	353682	1.11	cps
Uranium	238-1	2466271	2484204	2468149	2472875	0.40	cps
Vanadium	51-2	48895	48470	48206	48524	0.72	cps
Yttrium	89-1	7832836	7764803	7749239	7782293	0.57	cps
Yttrium	89-2	244046	245458	235512	241672	2.23	cps
Zinc	66-2	24398	24318	24291	24336	0.23	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-05DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:24:25	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1052086	1053547	1047971	1051201	0.28	cps
Zirconium	91-1	237114	236473	236196	236594	0.20	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03ADLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:27:45	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8777	8540	8995	8771	2.60	cps
Antimony	121-1	773485	769674	773676	772278	0.29	cps
Arsenic	75-2	8102	7950	8214	8089	1.63	cps
Barium	135-1	797158	797746	801364	798756	0.29	cps
Barium	137-1	1399071	1398121	1398700	1398631	0.03	cps
Beryllium	9-1	68976	67955	67654	68195	1.02	cps
Bismuth	209-1	7349567	6967081	7189715	7168788	2.68	cps
Bismuth	209-2	1935168	1910772	1668205	1838048	8.03	cps
Boron	10-1	8461	8486	8311	8420	1.13	cps
Boron	11-1	39965	41745	41678	41129	2.45	cps
Cadmium	111-1	165098	163223	164596	164306	0.59	cps
Cadmium	106-1	18655	17545	17412	17871	3.82	cps
Cadmium	108-1	11397	11526	11063	11329	2.11	cps
Calcium	43-1	355470	356539	359426	357145	0.57	cps
Calcium	44-1	5895007	5841793	5890048	5875616	0.50	cps
Chromium	52-2	63922	64157	64113	64064	0.20	cps
Cobalt	59-2	138807	138244	139274	138775	0.37	cps
Copper	63-2	241980	240620	244177	242259	0.74	cps
Dysprosium	156-1	33	75	58	56	37.75	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	67	75	25	56	48.22	cps
Erbium	164-2	13	17	10	13	25.01	cps
Gadolinium	160-1	67	83	58	69	18.33	cps
Gadolinium	160-2	20	7	7	11	69.25	cps
Holmium	165-1	10624154	10149436	10489887	10421159	2.35	cps
Holmium	165-2	2267401	2219349	1972942	2153231	7.34	cps
Indium	115-1	7795324	7283677	7603101	7560701	3.42	cps
Indium	115-2	328331	324300	287928	313520	7.10	cps
Iron	56-2	2195134	2167551	2192816	2185167	0.70	cps
Iron	57-2	53871	53397	52995	53421	0.82	cps
Krypton	83-1	310	357	283	317	11.72	cps
Lead	206-1	544533	551120	550479	548711	0.66	cps
Lead	207-1	477873	485842	483637	482451	0.85	cps
Lead	208-1	2186911	2212904	2208756	2202857	0.63	cps
Lithium	6-1	697406	664765	685970	682714	2.43	cps
Magnesium	24-2	275851	278655	278071	277526	0.53	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03ADLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:27:45	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	34951	34743	34880	34858	0.30	cps
Molybdenum	94-1	1196928	1202749	1206298	1201992	0.39	cps
Molybdenum	95-1	1534037	1536579	1537897	1536171	0.13	cps
Molybdenum	96-1	1693094	1685596	1696065	1691585	0.32	cps
Molybdenum	97-1	919236	916265	927434	920979	0.63	cps
Molybdenum	98-1	2433256	2444345	2445902	2441168	0.28	cps
Neodymium	150-1	47	80	67	64	26.03	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	42842	43057	42782	42894	0.34	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	62824	63168	62967	62986	0.27	cps
Rhodium	103-1	7170913	6798789	6970795	6980166	2.67	cps
Rhodium	103-2	2004498	2029093	1748889	1927494	8.05	cps
Scandium	45-1	3935430	3707334	3751408	3798057	3.19	cps
Scandium	45-2	32093	31876	28005	30658	7.50	cps
Selenium	77-2	60	93	50	68	33.48	cps
Selenium	78-2	181	198	200	193	5.28	cps
Selenium	82-1	9702	9726	9641	9690	0.45	cps
Silicon	28-1	3725924	3721176	3730918	3726006	0.13	cps
Silver	109-1	727347	739573	732947	733289	0.83	cps
Silver	107-1	763113	769386	765886	766128	0.41	cps
Sodium	23-2	1309234	1326282	1324052	1319856	0.70	cps
Strontium	86-1	388932	392899	390750	390860	0.51	cps
Strontium	88-1	3496928	3514313	3532113	3514452	0.50	cps
Sulfur	34-1	259220	257411	258537	258389	0.35	cps
Terbium	159-1	10817987	10356879	10644477	10606448	2.20	cps
Terbium	159-2	2151532	2136663	1873626	2053940	7.61	cps
Thallium	203-1	671995	673234	678157	674462	0.48	cps
Thallium	205-1	1652984	1627101	1663087	1647724	1.13	cps
Tin	118-1	493495	492525	494015	493345	0.15	cps
Titanium	47-1	331748	332445	333221	332472	0.22	cps
Uranium	238-1	2341410	2320825	2357023	2339753	0.78	cps
Vanadium	51-2	45571	45524	46009	45701	0.59	cps
Yttrium	89-1	7803195	7297980	7565914	7555696	3.35	cps
Yttrium	89-2	237009	240690	209400	229033	7.47	cps
Zinc	66-2	22535	22395	22562	22497	0.40	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-03ADLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0242ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:27:45	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	992707	989065	997601	993124	0.43	cps
Zirconium	91-1	221898	224522	225583	224001	0.85	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-06DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0252DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:31:04	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	63	35	35	44	35.95	cps
Antimony	121-1	2367	2325	2275	2323	1.98	cps
Arsenic	75-2	246	343	331	307	17.17	cps
Barium	135-1	8053	8787	8695	8511	4.70	cps
Barium	137-1	14567	14358	14917	14614	1.93	cps
Beryllium	9-1	139	167	128	144	13.87	cps
Bismuth	209-1	7351374	7346652	7374378	7357468	0.20	cps
Bismuth	209-2	1770515	1923791	1941820	1878709	5.01	cps
Boron	10-1	1575	1542	1350	1489	8.16	cps
Boron	11-1	7302	7352	7311	7322	0.37	cps
Cadmium	111-1	939	1152	1147	1079	11.28	cps
Cadmium	106-1	1308	1575	1609	1497	10.98	cps
Cadmium	108-1	21	13	29	21	40.01	cps
Calcium	43-1	253481	254866	253078	253808	0.37	cps
Calcium	44-1	4224811	4199655	4273067	4232511	0.88	cps
Chromium	52-2	550	517	623	563	9.69	cps
Cobalt	59-2	1927	1863	1790	1860	3.68	cps
Copper	63-2	1617	1710	1740	1689	3.81	cps
Dysprosium	156-1	33	25	17	25	33.32	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	67	42	50	53	24.12	cps
Erbium	164-2	17	7	27	17	59.99	cps
Gadolinium	160-1	100	58	67	75	29.39	cps
Gadolinium	160-2	7	13	13	11	34.61	cps
Holmium	165-1	10499788	10362239	10522331	10461453	0.83	cps
Holmium	165-2	2021097	2221764	2238856	2160572	5.60	cps
Indium	115-1	7614712	7601160	7656800	7624224	0.38	cps
Indium	115-2	292736	321939	319578	311418	5.21	cps
Iron	56-2	2013079	2004824	1993184	2003696	0.50	cps
Iron	57-2	48050	49583	47660	48431	2.10	cps
Krypton	83-1	350	310	360	340	7.78	cps
Lead	206-1	389	433	406	409	5.49	cps
Lead	207-1	444	389	444	426	7.53	cps
Lead	208-1	1683	1756	1678	1706	2.54	cps
Lithium	6-1	697898	687946	702327	696057	1.06	cps
Magnesium	24-2	132665	133581	129376	131874	1.68	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-06DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0252DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:31:04	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	378524	375672	374880	376359	0.51	cps
Molybdenum	94-1	2267	2184	2134	2195	3.07	cps
Molybdenum	95-1	2500	2600	2484	2528	2.50	cps
Molybdenum	96-1	3134	2884	2592	2870	9.45	cps
Molybdenum	97-1	1909	1592	1675	1725	9.52	cps
Molybdenum	98-1	4284	3892	3751	3976	6.95	cps
Neodymium	150-1	13	13	33	20	57.74	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	2467	2450	2500	2472	1.03	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	7202	7477	7135	7272	2.49	cps
Rhodium	103-1	7039208	6965981	7054928	7020039	0.68	cps
Rhodium	103-2	1827601	2026037	1997226	1950288	5.50	cps
Scandium	45-1	3849589	3788725	3824638	3820984	0.80	cps
Scandium	45-2	28984	31402	31475	30620	4.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	-14	12	-54	-19	-178.70	cps
Silicon	28-1	5722120	5751611	5683941	5719224	0.59	cps
Silver	109-1	317	375	342	344	8.50	cps
Silver	107-1	517	450	383	450	14.81	cps
Sodium	23-2	373656	374565	375073	374431	0.19	cps
Strontium	86-1	188981	194178	189624	190927	1.48	cps
Strontium	88-1	1710764	1724772	1722076	1719204	0.43	cps
Sulfur	34-1	232152	230219	228621	230331	0.77	cps
Terbium	159-1	10732095	10627889	10669689	10676558	0.49	cps
Terbium	159-2	1970601	2121580	2126999	2073060	4.28	cps
Thallium	203-1	342	392	283	339	16.00	cps
Thallium	205-1	975	950	775	900	12.11	cps
Tin	118-1	2617	2609	3176	2800	11.60	cps
Titanium	47-1	192	233	192	206	11.70	cps
Uranium	238-1	1200	1233	850	1095	19.40	cps
Vanadium	51-2	23	20	33	26	27.15	cps
Yttrium	89-1	7577435	7549415	7640064	7588971	0.61	cps
Yttrium	89-2	213313	233782	235342	227479	5.40	cps
Zinc	66-2	243	280	247	257	7.90	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-06DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0252DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:31:04	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2300	2417	2150	2289	5.84	cps
Zirconium	91-1	542	475	433	483	11.31	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 19:34:25	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	235451	234829	233052	234444	0.53	cps
Antimony	121-1	3510354	3564319	3551916	3542196	0.80	cps
Arsenic	75-2	39935	39239	39428	39534	0.91	cps
Barium	135-1	3972779	3940938	3989391	3967703	0.62	cps
Barium	137-1	6801117	6838421	6813278	6817605	0.28	cps
Beryllium	9-1	352046	354863	355486	354132	0.52	cps
Bismuth	209-1	7177412	7227114	7122817	7175781	0.73	cps
Bismuth	209-2	1898852	1880924	1907875	1895884	0.72	cps
Boron	10-1	40007	42531	43124	41887	3.95	cps
Boron	11-1	193985	199233	205690	199636	2.94	cps
Cadmium	111-1	760525	760216	760419	760387	0.02	cps
Cadmium	106-1	79962	79074	79794	79610	0.59	cps
Cadmium	108-1	54589	53932	54468	54330	0.64	cps
Calcium	43-1	3369432	3323393	3354710	3349178	0.70	cps
Calcium	44-1	54674962	54352407	54700130	54575833	0.36	cps
Chromium	52-2	309109	309030	306957	308365	0.40	cps
Cobalt	59-2	661379	657258	655770	658136	0.44	cps
Copper	63-2	1119517	1112657	1109332	1113836	0.47	cps
Dysprosium	156-1	100	83	150	111	31.22	cps
Dysprosium	156-2	17	17	17	17	0.00	cps
Erbium	164-1	67	42	33	47	36.74	cps
Erbium	164-2	20	13	17	17	20.01	cps
Gadolinium	160-1	158	117	100	125	24.03	cps
Gadolinium	160-2	10	20	20	17	34.64	cps
Holmium	165-1	10778784	10680535	10734431	10731250	0.46	cps
Holmium	165-2	2320428	2283335	2297702	2300488	0.81	cps
Indium	115-1	7587098	7619306	7571425	7592610	0.32	cps
Indium	115-2	325934	320599	321631	322721	0.88	cps
Iron	56-2	50995789	50731359	50754616	50827255	0.29	cps
Iron	57-2	1273698	1266904	1264913	1268505	0.36	cps
Krypton	83-1	370	287	353	337	13.10	cps
Lead	206-1	2610586	2630471	2641359	2627472	0.59	cps
Lead	207-1	2417571	2428572	2447470	2431204	0.62	cps
Lead	208-1	10776977	10826914	10883547	10829146	0.49	cps
Lithium	6-1	701582	710622	715209	709138	0.98	cps
Magnesium	24-2	5178858	5150878	5152179	5160638	0.31	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 19:34:25	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	173651	172709	173266	173209	0.27	cps
Molybdenum	94-1	5955151	5901710	5857518	5904793	0.83	cps
Molybdenum	95-1	7406969	7319214	7310466	7345550	0.73	cps
Molybdenum	96-1	8163996	8115332	8023387	8100905	0.88	cps
Molybdenum	97-1	4634003	4597397	4556987	4596129	0.84	cps
Molybdenum	98-1	11797441	11772463	11723330	11764411	0.32	cps
Neodymium	150-1	213	207	180	200	8.82	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	197033	194264	194832	195377	0.75	cps
Phosphorus	31-2	3167	3276	3109	3184	2.66	cps
Potassium	39-2	1441266	1415843	1400786	1419298	1.44	cps
Rhodium	103-1	6914610	6869691	6810987	6865096	0.76	cps
Rhodium	103-2	1968065	1929706	1951372	1949714	0.99	cps
Scandium	45-1	3976324	4014343	4012669	4001112	0.54	cps
Scandium	45-2	33096	32688	33086	32957	0.71	cps
Selenium	77-2	260	240	260	253	4.56	cps
Selenium	78-2	909	887	906	901	1.32	cps
Selenium	82-1	45666	45698	46064	45809	0.48	cps
Silicon	28-1	1589124	1578073	1626130	1597776	1.58	cps
Silver	109-1	3697848	3684011	3681601	3687820	0.24	cps
Silver	107-1	3856705	3820867	3864085	3847219	0.60	cps
Sodium	23-2	11950015	11754076	11806065	11836719	0.86	cps
Strontium	86-1	899995	894345	890758	895033	0.52	cps
Strontium	88-1	7981089	7900429	7938938	7940152	0.51	cps
Sulfur	34-1	437626	436179	432907	435571	0.56	cps
Terbium	159-1	10979354	11064009	10937022	10993462	0.59	cps
Terbium	159-2	2223599	2206479	2184934	2205004	0.88	cps
Thallium	203-1	3282602	3286617	3292558	3287259	0.15	cps
Thallium	205-1	7750236	7678354	7722706	7717099	0.47	cps
Tin	118-1	2461246	2489568	2498832	2483215	0.79	cps
Titanium	47-1	1739103	1708730	1728989	1725608	0.90	cps
Uranium	238-1	10782210	10766906	10707228	10752115	0.37	cps
Vanadium	51-2	226151	224086	223104	224447	0.69	cps
Yttrium	89-1	7867117	7784882	7779286	7810428	0.63	cps
Yttrium	89-2	245265	241056	242196	242839	0.90	cps
Zinc	66-2	107553	106508	107197	107086	0.50	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 19:34:25	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4952473	4884491	4919349	4918771	0.69	cps
Zirconium	91-1	1098512	1086514	1081711	1088913	0.79	cps

LB Number : LB98004 Operator : Jaswal
 Lab Sample ID : CCB42 Instrumnet Name : P8
 Client Sample ID : CCB42 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-17 19:37:36 DataFile Name : 054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20	18	15	18	14.31	cps
Antimony	121-1	8870	6810	6327	7336	18.41	cps
Arsenic	75-2	7	11	9	9	19.98	cps
Barium	135-1	117	75	83	92	24.05	cps
Barium	137-1	233	175	175	194	17.32	cps
Beryllium	9-1	322	272	294	296	8.46	cps
Bismuth	209-1	7405134	7444534	7200051	7349907	1.79	cps
Bismuth	209-2	1991722	1903377	1962842	1952647	2.31	cps
Boron	10-1	1984	1667	1784	1811	8.84	cps
Boron	11-1	8470	8253	7786	8169	4.28	cps
Cadmium	111-1	1263	1179	1233	1225	3.46	cps
Cadmium	106-1	1608	1467	1600	1558	5.10	cps
Cadmium	108-1	13	8	29	17	66.16	cps
Calcium	43-1	600	417	450	489	19.98	cps
Calcium	44-1	15593	15626	14266	15162	5.12	cps
Chromium	52-2	553	543	513	537	3.88	cps
Cobalt	59-2	57	20	37	38	48.60	cps
Copper	63-2	930	983	913	942	3.88	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	58	8	33	75.02	cps
Erbium	164-2	3	13	3	7	86.65	cps
Gadolinium	160-1	50	58	75	61	20.83	cps
Gadolinium	160-2	10	7	7	8	24.71	cps
Holmium	165-1	10701189	10652615	10355869	10569891	1.77	cps
Holmium	165-2	2312432	2184991	2276312	2257911	2.91	cps
Indium	115-1	7916879	7835205	7598724	7783603	2.12	cps
Indium	115-2	341458	327657	337789	335635	2.13	cps
Iron	56-2	2812	2784	2700	2765	2.09	cps
Iron	57-2	39	89	56	61	41.66	cps
Krypton	83-1	333	320	270	308	10.85	cps
Lead	206-1	444	339	383	389	13.63	cps
Lead	207-1	306	300	400	335	16.77	cps
Lead	208-1	1678	1561	1572	1604	4.02	cps
Lithium	6-1	733398	726402	728358	729386	0.49	cps
Magnesium	24-2	425	392	300	372	17.39	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 19:37:36	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83	100	90	91	9.21	cps
Molybdenum	94-1	2684	2317	2034	2345	13.90	cps
Molybdenum	95-1	2700	2967	2117	2595	16.76	cps
Molybdenum	96-1	3442	2959	2775	3059	11.26	cps
Molybdenum	97-1	1834	1600	1734	1722	6.80	cps
Molybdenum	98-1	5335	4559	3901	4598	15.61	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1030	1120	1113	1088	4.61	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2517	2400	2742	2553	6.80	cps
Rhodium	103-1	7195380	7296985	7081515	7191293	1.50	cps
Rhodium	103-2	2089026	1997022	2070584	2052211	2.37	cps
Scandium	45-1	4018302	3958969	3925390	3967554	1.19	cps
Scandium	45-2	33680	31739	32792	32737	2.97	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	12	34	76	41	78.85	cps
Silicon	28-1	205899	201418	203168	203495	1.11	cps
Silver	109-1	700	425	450	525	28.97	cps
Silver	107-1	625	542	467	544	14.55	cps
Sodium	23-2	6810	6318	5610	6246	9.66	cps
Strontium	86-1	542	558	433	511	13.28	cps
Strontium	88-1	400	358	342	367	8.19	cps
Sulfur	34-1	244709	243966	246540	245072	0.54	cps
Terbium	159-1	10904347	10891310	10589970	10795209	1.65	cps
Terbium	159-2	2239911	2103921	2183708	2175847	3.14	cps
Thallium	203-1	992	950	742	895	14.97	cps
Thallium	205-1	2634	2184	1967	2261	15.04	cps
Tin	118-1	2050	2009	1809	1956	6.61	cps
Titanium	47-1	250	158	125	178	36.41	cps
Uranium	238-1	658	350	325	444	41.77	cps
Vanadium	51-2	13	27	13	18	43.33	cps
Yttrium	89-1	7813587	7772068	7634545	7740067	1.21	cps
Yttrium	89-2	247128	235517	244448	242364	2.51	cps
Zinc	66-2	130	137	120	129	6.51	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 19:37:36	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2200	2075	1784	2020	10.59	cps
Zirconium	91-1	492	433	467	464	6.31	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-07DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-EB-2018-1DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:40:59	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38	18	30	28	35.67	cps
Antimony	121-1	5777	5351	5443	5524	4.05	cps
Arsenic	75-2	4	13	17	11	60.13	cps
Barium	135-1	58	92	50	67	33.07	cps
Barium	137-1	133	150	108	131	16.06	cps
Beryllium	9-1	183	128	172	161	18.25	cps
Bismuth	209-1	7282658	7263553	7324791	7290334	0.43	cps
Bismuth	209-2	1784300	1932513	1909380	1875398	4.25	cps
Boron	10-1	1058	967	1033	1020	4.65	cps
Boron	11-1	4242	4459	4226	4309	3.02	cps
Cadmium	111-1	1213	1151	1120	1161	4.10	cps
Cadmium	106-1	1617	1492	1492	1533	4.71	cps
Cadmium	108-1	8	21	17	15	41.67	cps
Calcium	43-1	875	667	842	795	14.09	cps
Calcium	44-1	17170	17053	17754	17325	2.17	cps
Chromium	52-2	607	647	573	609	6.03	cps
Cobalt	59-2	53	47	43	48	10.66	cps
Copper	63-2	1480	1623	1717	1607	7.42	cps
Dysprosium	156-1	17	8	33	19	65.47	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	42	8	25	66.68	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	50	33	42	42	20.00	cps
Gadolinium	160-2	3	0	10	4	114.60	cps
Holmium	165-1	10395114	10467603	10432482	10431733	0.35	cps
Holmium	165-2	2077188	2224640	2222935	2174921	3.89	cps
Indium	115-1	7739159	7634147	7636975	7670094	0.78	cps
Indium	115-2	301893	325189	326653	317911	4.37	cps
Iron	56-2	3678	3250	3267	3399	7.13	cps
Iron	57-2	83	50	61	65	26.19	cps
Krypton	83-1	347	287	323	319	9.49	cps
Lead	206-1	439	394	350	394	11.27	cps
Lead	207-1	411	428	306	382	17.37	cps
Lead	208-1	1945	1728	1500	1724	12.89	cps
Lithium	6-1	717171	723283	715799	718751	0.55	cps
Magnesium	24-2	350	400	250	333	22.91	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-07DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-EB-2018-1DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:40:59	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	280	300	293	291	3.50	cps
Molybdenum	94-1	1342	1350	1175	1289	7.66	cps
Molybdenum	95-1	800	858	675	778	12.04	cps
Molybdenum	96-1	1392	1017	1000	1136	19.50	cps
Molybdenum	97-1	550	642	542	578	9.60	cps
Molybdenum	98-1	1592	1367	1400	1453	8.36	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1153	1147	1147	1149	0.34	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	2450	2400	2325	2392	2.63	cps
Rhodium	103-1	7103288	7177836	7059916	7113680	0.84	cps
Rhodium	103-2	1881748	2025372	2032343	1979821	4.29	cps
Scandium	45-1	3849801	3841064	3851890	3847585	0.15	cps
Scandium	45-2	28850	31896	31880	30875	5.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	0	2	2	114.63	cps
Selenium	82-1	15	85	14	38	107.50	cps
Silicon	28-1	196326	196611	194422	195787	0.61	cps
Silver	109-1	867	883	825	858	3.50	cps
Silver	107-1	825	958	900	895	7.47	cps
Sodium	23-2	7486	6977	6852	7105	4.72	cps
Strontium	86-1	658	542	608	603	9.71	cps
Strontium	88-1	733	633	725	697	7.96	cps
Sulfur	34-1	238325	238473	235962	237586	0.59	cps
Terbium	159-1	10557232	10690679	10733141	10660351	0.86	cps
Terbium	159-2	1972169	2138487	2153343	2088000	4.82	cps
Thallium	203-1	750	875	700	775	11.63	cps
Thallium	205-1	2034	1725	1784	1847	8.87	cps
Tin	118-1	3459	3642	3276	3459	5.30	cps
Titanium	47-1	217	183	225	208	10.58	cps
Uranium	238-1	50	58	108	72	43.68	cps
Vanadium	51-2	20	17	17	18	10.81	cps
Yttrium	89-1	7623430	7709477	7698719	7677209	0.61	cps
Yttrium	89-2	219737	236329	236962	231009	4.23	cps
Zinc	66-2	343	393	350	362	7.50	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-07DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-EB-2018-1DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:40:59	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2142	2050	2009	2067	3.30	cps
Zirconium	91-1	383	433	483	433	11.54	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-08DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0254DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:44:21	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	443	465	480	463	4.08	cps
Antimony	121-1	3326	3609	3551	3495	4.28	cps
Arsenic	75-2	59	70	57	62	11.24	cps
Barium	135-1	5601	5368	5752	5574	3.47	cps
Barium	137-1	9679	9896	9729	9768	1.16	cps
Beryllium	9-1	161	156	172	163	5.21	cps
Bismuth	209-1	7395965	7060481	7192505	7216317	2.34	cps
Bismuth	209-2	1956100	1937604	1940502	1944736	0.51	cps
Boron	10-1	1158	1092	1208	1153	5.08	cps
Boron	11-1	5510	5443	5610	5521	1.52	cps
Cadmium	111-1	1171	1153	1144	1156	1.15	cps
Cadmium	106-1	1584	1600	1575	1586	0.80	cps
Cadmium	108-1	13	0	0	4	173.21	cps
Calcium	43-1	31160	32355	31870	31795	1.89	cps
Calcium	44-1	529460	528667	524935	527687	0.46	cps
Chromium	52-2	583	650	700	644	9.08	cps
Cobalt	59-2	483	457	453	464	3.54	cps
Copper	63-2	2380	2477	2590	2482	4.23	cps
Dysprosium	156-1	433	308	333	358	18.46	cps
Dysprosium	156-2	107	77	70	84	23.13	cps
Erbium	164-1	358	308	333	333	7.50	cps
Erbium	164-2	83	57	47	62	30.46	cps
Gadolinium	160-1	417	417	292	375	19.25	cps
Gadolinium	160-2	63	87	100	83	22.27	cps
Holmium	165-1	10451905	10109414	10137279	10232866	1.86	cps
Holmium	165-2	2256694	2208402	2244452	2236516	1.12	cps
Indium	115-1	7707902	7317382	7548109	7524464	2.61	cps
Indium	115-2	326781	319066	321729	322525	1.22	cps
Iron	56-2	377060	379084	374642	376929	0.59	cps
Iron	57-2	9887	9248	9459	9531	3.42	cps
Krypton	83-1	310	297	300	302	2.30	cps
Lead	206-1	3995	4029	3940	3988	1.13	cps
Lead	207-1	3134	3100	2884	3039	4.47	cps
Lead	208-1	14993	14542	14604	14713	1.66	cps
Lithium	6-1	723007	675516	703142	700555	3.40	cps
Magnesium	24-2	19372	18755	18896	19008	1.70	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-08DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0254DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:44:21	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	12976	12799	13307	13027	1.98	cps
Molybdenum	94-1	1408	1250	1225	1295	7.68	cps
Molybdenum	95-1	800	717	725	747	6.14	cps
Molybdenum	96-1	1017	925	883	942	7.24	cps
Molybdenum	97-1	550	558	567	558	1.49	cps
Molybdenum	98-1	1225	1150	1125	1167	4.46	cps
Neodymium	150-1	373	347	393	371	6.31	cps
Neodymium	150-2	50	53	47	50	6.66	cps
Nickel	60-2	1900	1854	2067	1940	5.78	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	6160	6193	5885	6079	2.78	cps
Rhodium	103-1	7165382	6765566	6875672	6935540	2.98	cps
Rhodium	103-2	2043804	2023052	1998951	2021936	1.11	cps
Scandium	45-1	3876300	3685097	3680090	3747163	2.99	cps
Scandium	45-2	32150	31683	31382	31738	1.22	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-16	44	54	27	139.00	cps
Silicon	28-1	1611944	1622595	1581002	1605180	1.35	cps
Silver	109-1	708	583	642	644	9.70	cps
Silver	107-1	867	617	700	728	17.49	cps
Sodium	23-2	43935	43058	43961	43651	1.18	cps
Strontium	86-1	35840	35096	34996	35311	1.31	cps
Strontium	88-1	306168	307893	308375	307479	0.38	cps
Sulfur	34-1	237851	235616	233785	235751	0.86	cps
Terbium	159-1	10701852	10236363	10318235	10418816	2.39	cps
Terbium	159-2	2167543	2089971	2111668	2123061	1.89	cps
Thallium	203-1	217	308	350	292	23.39	cps
Thallium	205-1	642	758	825	742	12.51	cps
Tin	118-1	2667	2684	2434	2595	5.39	cps
Titanium	47-1	1250	1375	1267	1297	5.23	cps
Uranium	238-1	2984	3367	3117	3156	6.17	cps
Vanadium	51-2	177	167	157	167	6.00	cps
Yttrium	89-1	7701546	7264354	7343994	7436631	3.13	cps
Yttrium	89-2	241313	234481	235631	237141	1.54	cps
Zinc	66-2	687	487	487	553	20.87	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-08DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0254DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:44:21	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2642	2234	2042	2306	13.30	cps
Zirconium	91-1	683	667	542	631	12.28	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-09DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0255DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:47:43	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60	50	63	58	11.51	cps
Antimony	121-1	2675	3134	2759	2856	8.55	cps
Arsenic	75-2	159	146	137	148	7.57	cps
Barium	135-1	4084	4101	4209	4131	1.64	cps
Barium	137-1	6860	7177	6644	6894	3.89	cps
Beryllium	9-1	144	161	178	161	10.35	cps
Bismuth	209-1	7383628	7324368	7263176	7323724	0.82	cps
Bismuth	209-2	1935971	1951910	1901996	1929959	1.32	cps
Boron	10-1	2117	2325	2209	2217	4.71	cps
Boron	11-1	11238	11121	11772	11377	3.05	cps
Cadmium	111-1	1416	1258	1424	1366	6.83	cps
Cadmium	106-1	1659	1425	1575	1553	7.62	cps
Cadmium	108-1	29	50	17	32	52.71	cps
Calcium	43-1	40819	40033	39632	40162	1.50	cps
Calcium	44-1	658649	660304	654842	657932	0.43	cps
Chromium	52-2	617	607	630	618	1.90	cps
Cobalt	59-2	4371	4284	4314	4323	1.02	cps
Copper	63-2	1904	1910	1793	1869	3.51	cps
Dysprosium	156-1	67	92	83	81	15.80	cps
Dysprosium	156-2	13	7	17	12	41.65	cps
Erbium	164-1	133	50	108	97	43.99	cps
Erbium	164-2	10	30	23	21	48.24	cps
Gadolinium	160-1	133	133	92	119	20.14	cps
Gadolinium	160-2	17	33	20	23	37.78	cps
Holmium	165-1	10324116	10284362	10294025	10300834	0.20	cps
Holmium	165-2	2207639	2223522	2182514	2204558	0.94	cps
Indium	115-1	7566030	7649958	7498611	7571533	1.00	cps
Indium	115-2	320461	319995	319076	319844	0.22	cps
Iron	56-2	1620450	1633130	1621758	1625113	0.43	cps
Iron	57-2	38799	40181	39356	39445	1.76	cps
Krypton	83-1	307	327	347	327	6.12	cps
Lead	206-1	678	739	633	683	7.76	cps
Lead	207-1	550	528	600	559	6.61	cps
Lead	208-1	2622	2650	2589	2621	1.17	cps
Lithium	6-1	706017	701885	695648	701183	0.74	cps
Magnesium	24-2	14958	14666	14984	14869	1.19	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-09DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0255DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:47:43	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	279846	276559	278875	278427	0.61	cps
Molybdenum	94-1	783	1142	1033	986	18.64	cps
Molybdenum	95-1	333	325	525	394	28.68	cps
Molybdenum	96-1	617	575	492	561	11.34	cps
Molybdenum	97-1	367	242	367	325	22.20	cps
Molybdenum	98-1	517	692	692	633	15.95	cps
Neodymium	150-1	120	140	247	169	40.32	cps
Neodymium	150-2	10	23	13	16	44.60	cps
Nickel	60-2	1477	1433	1390	1433	3.02	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	6168	6343	6318	6277	1.51	cps
Rhodium	103-1	7019360	7081658	6965070	7022029	0.83	cps
Rhodium	103-2	1990136	2004588	1955242	1983322	1.28	cps
Scandium	45-1	3778610	3779134	3725578	3761107	0.82	cps
Scandium	45-2	31225	31920	30677	31274	1.99	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	2	0	3	124.95	cps
Selenium	82-1	9	9	3	7	53.45	cps
Silicon	28-1	2588986	2622778	2589513	2600426	0.74	cps
Silver	109-1	517	458	417	464	10.83	cps
Silver	107-1	450	483	550	494	10.30	cps
Sodium	23-2	52598	51627	52313	52180	0.96	cps
Strontium	86-1	44566	46003	44215	44928	2.11	cps
Strontium	88-1	388969	388409	385600	387659	0.47	cps
Sulfur	34-1	238428	240793	240236	239819	0.52	cps
Terbium	159-1	10631365	10452525	10659892	10581261	1.06	cps
Terbium	159-2	2086623	2104654	2107704	2099660	0.54	cps
Thallium	203-1	750	825	642	739	12.47	cps
Thallium	205-1	1617	1684	1792	1697	5.20	cps
Tin	118-1	3767	3701	4051	3840	4.84	cps
Titanium	47-1	183	258	167	203	24.08	cps
Uranium	238-1	94877	96749	96616	96080	1.09	cps
Vanadium	51-2	23	27	33	28	18.33	cps
Yttrium	89-1	7536968	7498711	7441562	7492414	0.64	cps
Yttrium	89-2	231388	233409	230224	231674	0.70	cps
Zinc	66-2	567	593	467	542	12.32	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-09DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0255DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:47:43	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2034	1617	1467	1706	17.22	cps
Zirconium	91-1	442	358	417	406	10.54	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-10DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0248DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:51:05	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	43	28	40	28.63	cps
Antimony	121-1	2375	2275	2475	2375	4.21	cps
Arsenic	75-2	57	70	85	71	19.58	cps
Barium	135-1	1000	900	967	956	5.33	cps
Barium	137-1	1717	1575	1492	1595	7.14	cps
Beryllium	9-1	100	106	94	100	5.55	cps
Bismuth	209-1	6942602	6768686	7274815	6995367	3.68	cps
Bismuth	209-2	1899322	1879045	1892094	1890154	0.54	cps
Boron	10-1	750	625	700	692	9.10	cps
Boron	11-1	3075	3017	2525	2873	10.52	cps
Cadmium	111-1	998	1015	1023	1012	1.25	cps
Cadmium	106-1	1408	1408	1450	1422	1.69	cps
Cadmium	108-1	13	0	25	13	100.00	cps
Calcium	43-1	2325	2325	2300	2317	0.62	cps
Calcium	44-1	41596	42959	42976	42510	1.86	cps
Chromium	52-2	590	683	613	629	7.72	cps
Cobalt	59-2	577	450	543	523	12.55	cps
Copper	63-2	1737	1707	1847	1763	4.18	cps
Dysprosium	156-1	25	33	50	36	35.25	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	67	50	25	47	44.41	cps
Erbium	164-2	13	10	17	13	25.01	cps
Gadolinium	160-1	67	33	75	58	37.80	cps
Gadolinium	160-2	10	13	20	14	35.26	cps
Holmium	165-1	9768455	9540214	10370282	9892984	4.33	cps
Holmium	165-2	2192666	2197558	2137985	2176070	1.52	cps
Indium	115-1	7274918	7001450	7632260	7302876	4.33	cps
Indium	115-2	318627	319722	318524	318958	0.21	cps
Iron	56-2	808424	803386	798766	803525	0.60	cps
Iron	57-2	21067	19831	20465	20454	3.02	cps
Krypton	83-1	337	400	290	342	16.13	cps
Lead	206-1	411	344	311	356	14.32	cps
Lead	207-1	433	333	328	365	16.28	cps
Lead	208-1	1617	1506	1400	1507	7.19	cps
Lithium	6-1	662269	649732	690133	667378	3.10	cps
Magnesium	24-2	633	600	592	608	3.62	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-10DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0248DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:51:05	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6792	6862	6939	6864	1.07	cps
Molybdenum	94-1	692	717	650	686	4.91	cps
Molybdenum	95-1	292	333	367	331	11.37	cps
Molybdenum	96-1	617	542	508	556	9.99	cps
Molybdenum	97-1	308	233	292	278	14.18	cps
Molybdenum	98-1	592	642	683	639	7.18	cps
Neodymium	150-1	20	20	27	22	17.33	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	1670	1433	1617	1573	7.89	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2834	2900	3201	2978	6.56	cps
Rhodium	103-1	6647134	6513073	7061759	6740655	4.24	cps
Rhodium	103-2	1978376	2005907	1985476	1989920	0.72	cps
Scandium	45-1	3634332	3479322	3788624	3634093	4.26	cps
Scandium	45-2	31629	30911	31141	31227	1.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	-1	-41	59	6	850.95	cps
Silicon	28-1	305232	296396	299233	300287	1.50	cps
Silver	109-1	525	408	325	419	23.95	cps
Silver	107-1	392	417	425	411	4.22	cps
Sodium	23-2	6510	6752	6944	6735	3.23	cps
Strontium	86-1	1475	1317	1358	1383	5.93	cps
Strontium	88-1	9203	9445	8903	9184	2.96	cps
Sulfur	34-1	230286	232999	230976	231420	0.61	cps
Terbium	159-1	10077895	9691389	10525229	10098171	4.13	cps
Terbium	159-2	2107758	2095104	2057768	2086877	1.25	cps
Thallium	203-1	233	308	225	256	17.96	cps
Thallium	205-1	492	492	367	450	16.04	cps
Tin	118-1	3442	3534	3009	3328	8.43	cps
Titanium	47-1	192	183	208	194	6.55	cps
Uranium	238-1	133	133	133	133	0.00	cps
Vanadium	51-2	47	33	10	30	61.87	cps
Yttrium	89-1	7239171	6956040	7462528	7219246	3.52	cps
Yttrium	89-2	233229	234055	233512	233599	0.18	cps
Zinc	66-2	480	597	523	533	11.06	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-10DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0248DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:51:05	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1283	1358	1383	1342	3.88	cps
Zirconium	91-1	292	375	258	308	19.49	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-11DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0259DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:54:28	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	145	138	123	135	8.49	cps
Antimony	121-1	1992	2317	2109	2139	7.70	cps
Arsenic	75-2	1491	1565	1435	1497	4.34	cps
Barium	135-1	10571	10696	10263	10510	2.12	cps
Barium	137-1	18188	18873	19115	18725	2.57	cps
Beryllium	9-1	106	122	167	131	24.02	cps
Bismuth	209-1	7270276	7353215	7299603	7307698	0.58	cps
Bismuth	209-2	1924960	1919477	1947325	1930588	0.76	cps
Boron	10-1	1892	1859	1659	1803	7.00	cps
Boron	11-1	8311	8536	8711	8520	2.35	cps
Cadmium	111-1	1072	1100	916	1030	9.62	cps
Cadmium	106-1	1508	1559	1250	1439	11.50	cps
Cadmium	108-1	13	17	13	14	17.33	cps
Calcium	43-1	68811	68560	69874	69082	1.01	cps
Calcium	44-1	1130593	1116300	1120831	1122575	0.65	cps
Chromium	52-2	660	633	643	646	2.09	cps
Cobalt	59-2	2737	2720	2630	2696	2.13	cps
Copper	63-2	2147	2197	2307	2217	3.69	cps
Dysprosium	156-1	275	317	275	289	8.33	cps
Dysprosium	156-2	67	60	40	56	24.98	cps
Erbium	164-1	283	167	233	228	25.70	cps
Erbium	164-2	53	47	23	41	38.32	cps
Gadolinium	160-1	367	217	283	289	26.02	cps
Gadolinium	160-2	53	73	47	58	24.02	cps
Holmium	165-1	10267487	10355404	10336672	10319854	0.45	cps
Holmium	165-2	2202770	2175581	2196001	2191451	0.65	cps
Indium	115-1	7594651	7582484	7600872	7592669	0.12	cps
Indium	115-2	323286	316701	319894	319960	1.03	cps
Iron	56-2	3980427	3991244	3976583	3982751	0.19	cps
Iron	57-2	98356	98031	98871	98419	0.43	cps
Krypton	83-1	327	290	397	338	16.04	cps
Lead	206-1	928	867	928	907	3.89	cps
Lead	207-1	861	839	772	824	5.61	cps
Lead	208-1	3861	3784	3523	3723	4.77	cps
Lithium	6-1	683418	682567	682984	682989	0.06	cps
Magnesium	24-2	25198	24472	24013	24561	2.43	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-11DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0259DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:54:28	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	323393	322881	320507	322260	0.48	cps
Molybdenum	94-1	1042	733	817	864	18.46	cps
Molybdenum	95-1	433	408	392	411	5.10	cps
Molybdenum	96-1	508	592	575	558	7.90	cps
Molybdenum	97-1	292	500	350	381	28.24	cps
Molybdenum	98-1	608	542	658	603	9.71	cps
Neodymium	150-1	373	447	387	402	9.71	cps
Neodymium	150-2	30	67	53	50	37.12	cps
Nickel	60-2	1577	1497	1297	1457	9.90	cps
Phosphorus	31-2	33	0	8	14	124.91	cps
Potassium	39-2	6493	6527	7319	6780	6.89	cps
Rhodium	103-1	6962909	7029765	6966954	6986543	0.54	cps
Rhodium	103-2	1997825	1954610	1974296	1975577	1.10	cps
Scandium	45-1	3833883	3797183	3805464	3812177	0.50	cps
Scandium	45-2	32137	30116	30610	30954	3.40	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	42	68	-60	17	398.58	cps
Silicon	28-1	3865313	3857477	3874362	3865717	0.22	cps
Silver	109-1	375	425	342	381	11.02	cps
Silver	107-1	417	492	475	461	8.54	cps
Sodium	23-2	68248	67771	68088	68036	0.36	cps
Strontium	86-1	52310	51231	51281	51607	1.18	cps
Strontium	88-1	445925	441638	442410	443324	0.52	cps
Sulfur	34-1	259905	255776	257684	257789	0.80	cps
Terbium	159-1	10579246	10537436	10681970	10599551	0.70	cps
Terbium	159-2	2120408	2098725	2089901	2103011	0.75	cps
Thallium	203-1	217	133	242	197	28.76	cps
Thallium	205-1	492	492	525	503	3.83	cps
Tin	118-1	2109	2467	1984	2186	11.48	cps
Titanium	47-1	350	225	358	311	24.01	cps
Uranium	238-1	358	292	375	342	12.91	cps
Vanadium	51-2	27	57	87	57	52.94	cps
Yttrium	89-1	7544282	7567535	7510926	7540914	0.38	cps
Yttrium	89-2	235841	230359	233724	233308	1.18	cps
Zinc	66-2	433	523	373	443	17.03	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-11DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0259DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:54:28	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1759	1600	1675	1678	4.72	cps
Zirconium	91-1	392	325	358	358	9.30	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-12DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0262DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:57:49	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43	65	58	55	20.83	cps
Antimony	121-1	2209	2267	2092	2189	4.07	cps
Arsenic	75-2	2472	2372	2465	2437	2.29	cps
Barium	135-1	6910	6585	7119	6872	3.91	cps
Barium	137-1	11489	12031	12173	11898	3.03	cps
Beryllium	9-1	111	94	94	100	9.62	cps
Bismuth	209-1	7311265	7257264	7342090	7303540	0.59	cps
Bismuth	209-2	1952551	1837459	1955047	1915019	3.51	cps
Boron	10-1	3267	3259	3334	3287	1.25	cps
Boron	11-1	16761	16585	17578	16975	3.12	cps
Cadmium	111-1	1138	1212	1057	1136	6.85	cps
Cadmium	106-1	1575	1700	1458	1578	7.66	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Calcium	43-1	55352	54883	54967	55067	0.45	cps
Calcium	44-1	919116	920821	920029	919989	0.09	cps
Chromium	52-2	680	713	783	726	7.27	cps
Cobalt	59-2	4151	4187	3914	4084	3.63	cps
Copper	63-2	3424	3317	3500	3414	2.70	cps
Dysprosium	156-1	558	458	442	486	12.98	cps
Dysprosium	156-2	93	87	113	98	14.19	cps
Erbium	164-1	392	450	508	450	12.96	cps
Erbium	164-2	110	100	90	100	10.00	cps
Gadolinium	160-1	458	425	583	489	17.07	cps
Gadolinium	160-2	160	140	143	148	7.25	cps
Holmium	165-1	10321546	10399703	10374827	10365359	0.39	cps
Holmium	165-2	2220006	2092161	2247830	2186666	3.80	cps
Indium	115-1	7613418	7612511	7645364	7623764	0.25	cps
Indium	115-2	322483	307150	323556	317729	2.89	cps
Iron	56-2	6151570	6216917	6236118	6201535	0.71	cps
Iron	57-2	152974	153755	153793	153508	0.30	cps
Krypton	83-1	307	347	350	334	7.21	cps
Lead	206-1	2617	2545	2589	2584	1.41	cps
Lead	207-1	2022	2056	2211	2097	4.81	cps
Lead	208-1	9568	9885	10141	9865	2.91	cps
Lithium	6-1	676178	676409	671296	674628	0.43	cps
Magnesium	24-2	29740	31026	31144	30637	2.54	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-12DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0262DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:57:49	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	156977	157486	159451	157971	0.83	cps
Molybdenum	94-1	1408	1242	1425	1358	7.46	cps
Molybdenum	95-1	1217	1175	1208	1200	1.84	cps
Molybdenum	96-1	1558	1567	1625	1583	2.29	cps
Molybdenum	97-1	733	950	792	825	13.59	cps
Molybdenum	98-1	1900	1558	2117	1859	15.15	cps
Neodymium	150-1	633	460	413	502	23.08	cps
Neodymium	150-2	87	57	70	71	21.14	cps
Nickel	60-2	1707	1887	1837	1810	5.13	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	6452	6452	6443	6449	0.08	cps
Rhodium	103-1	6899995	7065108	6979920	6981675	1.18	cps
Rhodium	103-2	2021492	1901214	2035074	1985927	3.71	cps
Scandium	45-1	3808932	3820680	3828867	3819493	0.26	cps
Scandium	45-2	31736	29929	31669	31111	3.29	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	2	0	2	114.63	cps
Selenium	82-1	50	-15	-4	10	334.00	cps
Silicon	28-1	4174289	4154741	4187184	4172071	0.39	cps
Silver	109-1	558	358	308	408	32.40	cps
Silver	107-1	492	383	567	481	19.18	cps
Sodium	23-2	111729	112643	111301	111891	0.61	cps
Strontium	86-1	42175	40745	40987	41302	1.85	cps
Strontium	88-1	357569	356153	357859	357193	0.26	cps
Sulfur	34-1	237209	234693	236378	236093	0.54	cps
Terbium	159-1	10505411	10724377	10558650	10596146	1.08	cps
Terbium	159-2	2161584	2007863	2119130	2096192	3.79	cps
Thallium	203-1	108	175	192	158	27.85	cps
Thallium	205-1	400	317	308	342	14.84	cps
Tin	118-1	2409	2134	2392	2311	6.67	cps
Titanium	47-1	300	250	258	269	9.94	cps
Uranium	238-1	2459	2684	2542	2562	4.44	cps
Vanadium	51-2	157	147	153	152	3.35	cps
Yttrium	89-1	7542256	7567294	7629596	7579715	0.59	cps
Yttrium	89-2	235918	225181	236704	232601	2.77	cps
Zinc	66-2	610	660	653	641	4.24	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-12DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0262DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 19:57:49	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1959	1809	2009	1925	5.41	cps
Zirconium	91-1	483	392	392	422	12.53	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-13DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0260DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 20:01:11	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	68	53	59	12.91	cps
Antimony	121-1	1709	1942	1850	1834	6.41	cps
Arsenic	75-2	3237	3249	3108	3198	2.45	cps
Barium	135-1	10413	11030	10196	10546	4.10	cps
Barium	137-1	18138	18656	19282	18692	3.06	cps
Beryllium	9-1	117	111	100	109	7.77	cps
Bismuth	209-1	7072041	7256270	7326243	7218184	1.82	cps
Bismuth	209-2	1939520	1924688	1933114	1932441	0.38	cps
Boron	10-1	2600	2425	2709	2578	5.55	cps
Boron	11-1	12381	11930	12031	12114	1.95	cps
Cadmium	111-1	1015	996	1148	1053	7.83	cps
Cadmium	106-1	1417	1408	1600	1475	7.35	cps
Cadmium	108-1	8	21	8	12	57.75	cps
Calcium	43-1	104285	106603	106604	105831	1.26	cps
Calcium	44-1	1757590	1807600	1794343	1786511	1.45	cps
Chromium	52-2	697	637	687	673	4.77	cps
Cobalt	59-2	1547	1733	1773	1685	7.18	cps
Copper	63-2	1800	1777	1847	1808	1.97	cps
Dysprosium	156-1	92	33	83	69	45.44	cps
Dysprosium	156-2	20	23	17	20	16.65	cps
Erbium	164-1	33	83	92	69	45.44	cps
Erbium	164-2	27	37	23	29	24.03	cps
Gadolinium	160-1	150	67	100	106	39.74	cps
Gadolinium	160-2	27	13	43	28	54.11	cps
Holmium	165-1	9846634	10336575	10433248	10205485	3.08	cps
Holmium	165-2	2217760	2190714	2219496	2209323	0.73	cps
Indium	115-1	7315104	7614311	7589602	7506339	2.21	cps
Indium	115-2	320773	322142	323185	322033	0.38	cps
Iron	56-2	4995204	5018114	4964627	4992648	0.54	cps
Iron	57-2	122796	123649	124204	123550	0.57	cps
Krypton	83-1	320	280	307	302	6.74	cps
Lead	206-1	450	422	489	454	7.38	cps
Lead	207-1	372	361	356	363	2.34	cps
Lead	208-1	1706	1672	1628	1669	2.34	cps
Lithium	6-1	646579	672777	669132	662830	2.14	cps
Magnesium	24-2	34869	34476	33967	34437	1.31	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-13DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0260DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 20:01:11	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	238656	236480	235280	236806	0.72	cps
Molybdenum	94-1	1008	1000	875	961	7.77	cps
Molybdenum	95-1	808	842	917	856	6.49	cps
Molybdenum	96-1	1017	1258	1092	1122	11.02	cps
Molybdenum	97-1	592	675	550	606	10.51	cps
Molybdenum	98-1	1292	1208	1200	1233	4.11	cps
Neodymium	150-1	53	93	120	89	37.75	cps
Neodymium	150-2	7	10	13	10	33.30	cps
Nickel	60-2	2170	2094	2327	2197	5.41	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	13891	14199	14550	14213	2.32	cps
Rhodium	103-1	6758510	7024511	6982111	6921711	2.06	cps
Rhodium	103-2	2003862	2035663	2028350	2022625	0.82	cps
Scandium	45-1	3679295	3849124	3831946	3786788	2.47	cps
Scandium	45-2	32271	31803	32214	32096	0.80	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	38	64	16	39	62.21	cps
Silicon	28-1	6010372	6042707	5931265	5994781	0.96	cps
Silver	109-1	325	333	325	328	1.47	cps
Silver	107-1	358	333	367	353	4.92	cps
Sodium	23-2	146320	143795	144108	144741	0.95	cps
Strontium	86-1	151640	151625	149931	151065	0.65	cps
Strontium	88-1	1321751	1327846	1323124	1324240	0.24	cps
Sulfur	34-1	231721	234856	230118	232232	1.04	cps
Terbium	159-1	10006064	10562392	10534813	10367757	3.02	cps
Terbium	159-2	2104502	2117614	2133994	2118703	0.70	cps
Thallium	203-1	167	133	158	153	11.36	cps
Thallium	205-1	425	333	317	358	16.28	cps
Tin	118-1	2250	2167	2292	2236	2.85	cps
Titanium	47-1	333	300	275	303	9.66	cps
Uranium	238-1	333	300	217	283	21.21	cps
Vanadium	51-2	70	40	53	54	27.61	cps
Yttrium	89-1	7280573	7648439	7538435	7489149	2.52	cps
Yttrium	89-2	237101	236278	237315	236898	0.23	cps
Zinc	66-2	397	373	390	387	3.11	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-13DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0260DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 20:01:11	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1250	1308	1292	1283	2.34	cps
Zirconium	91-1	358	425	358	381	10.11	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-14DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0243DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 20:04:32	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	60	68	59	14.84	cps
Antimony	121-1	1717	1734	1609	1686	4.03	cps
Arsenic	75-2	519	444	424	462	10.75	cps
Barium	135-1	7602	7419	7753	7591	2.20	cps
Barium	137-1	12640	13658	13190	13163	3.87	cps
Beryllium	9-1	117	100	100	106	9.12	cps
Bismuth	209-1	7196495	7213382	7211816	7207231	0.13	cps
Bismuth	209-2	1743304	1913326	1914277	1856969	5.30	cps
Boron	10-1	792	783	792	789	0.61	cps
Boron	11-1	4117	3801	3726	3881	5.36	cps
Cadmium	111-1	1206	1012	922	1047	13.87	cps
Cadmium	106-1	1700	1425	1308	1478	13.61	cps
Cadmium	108-1	13	21	21	18	26.64	cps
Calcium	43-1	256214	254056	251924	254065	0.84	cps
Calcium	44-1	4221986	4228522	4254185	4234898	0.40	cps
Chromium	52-2	680	777	720	726	6.69	cps
Cobalt	59-2	1100	1053	1153	1102	4.54	cps
Copper	63-2	1667	1663	1737	1689	2.45	cps
Dysprosium	156-1	408	342	375	375	8.89	cps
Dysprosium	156-2	90	60	80	77	19.92	cps
Erbium	164-1	367	350	375	364	3.50	cps
Erbium	164-2	117	70	57	81	38.84	cps
Gadolinium	160-1	317	425	342	361	15.71	cps
Gadolinium	160-2	130	90	97	106	20.30	cps
Holmium	165-1	10320715	10284190	10198345	10267750	0.61	cps
Holmium	165-2	2051880	2200429	2190528	2147612	3.87	cps
Indium	115-1	7543951	7591203	7524690	7553281	0.45	cps
Indium	115-2	297537	320237	321836	313203	4.34	cps
Iron	56-2	2432309	2381391	2384037	2399246	1.19	cps
Iron	57-2	59750	58964	58484	59066	1.08	cps
Krypton	83-1	280	383	320	328	15.90	cps
Lead	206-1	300	261	239	267	11.60	cps
Lead	207-1	283	300	244	276	10.33	cps
Lead	208-1	1239	1156	1056	1150	7.98	cps
Lithium	6-1	657717	661814	657790	659107	0.36	cps
Magnesium	24-2	64982	65477	64170	64876	1.02	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-14DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0243DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 20:04:32	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	88340	87240	87049	87543	0.80	cps
Molybdenum	94-1	1809	1917	1850	1859	2.94	cps
Molybdenum	95-1	475	433	442	450	4.90	cps
Molybdenum	96-1	808	783	967	853	11.66	cps
Molybdenum	97-1	292	375	267	311	18.23	cps
Molybdenum	98-1	750	675	725	717	5.33	cps
Neodymium	150-1	513	460	400	458	12.39	cps
Neodymium	150-2	70	60	27	52	43.44	cps
Nickel	60-2	1930	1797	1860	1862	3.58	cps
Phosphorus	31-2	25	33	25	28	17.33	cps
Potassium	39-2	10479	10688	10421	10529	1.33	cps
Rhodium	103-1	6935656	6904348	6891208	6910404	0.33	cps
Rhodium	103-2	1834453	1981703	1993016	1936390	4.57	cps
Scandium	45-1	3838839	3839871	3806436	3828382	0.50	cps
Scandium	45-2	29371	31435	32147	30984	4.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	50	-73	-46	-23	-277.80	cps
Silicon	28-1	6483617	6433886	6473241	6463581	0.41	cps
Silver	109-1	308	267	200	258	21.15	cps
Silver	107-1	333	358	325	339	5.12	cps
Sodium	23-2	2384401	2361305	2391463	2379056	0.66	cps
Strontium	86-1	176798	176062	176587	176482	0.21	cps
Strontium	88-1	1580734	1584121	1569155	1578003	0.50	cps
Sulfur	34-1	238201	236651	235006	236619	0.68	cps
Terbium	159-1	10422441	10546284	10480317	10483014	0.59	cps
Terbium	159-2	1962837	2118803	2137351	2072997	4.62	cps
Thallium	203-1	150	83	142	125	29.06	cps
Thallium	205-1	308	267	258	278	9.64	cps
Tin	118-1	2092	2242	2225	2186	3.76	cps
Titanium	47-1	300	408	400	369	16.32	cps
Uranium	238-1	1759	1467	1700	1642	9.40	cps
Vanadium	51-2	430	443	457	443	3.01	cps
Yttrium	89-1	7490461	7554027	7538483	7527657	0.44	cps
Yttrium	89-2	218050	235373	234982	229468	4.31	cps
Zinc	66-2	283	250	287	273	7.42	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-14DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0243DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 20:04:32	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4176	4736	4209	4374	7.18	cps
Zirconium	91-1	950	1033	942	975	5.20	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-15DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0253DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 20:07:53	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45	50	73	56	26.24	cps
Antimony	121-1	1867	1817	1492	1725	11.80	cps
Arsenic	75-2	70	54	85	70	22.59	cps
Barium	135-1	6577	6202	6027	6268	4.48	cps
Barium	137-1	11180	11823	10563	11189	5.63	cps
Beryllium	9-1	106	83	44	78	39.77	cps
Bismuth	209-1	7233723	7245488	7362636	7280616	0.98	cps
Bismuth	209-2	1869524	1979471	1945528	1931508	2.91	cps
Boron	10-1	733	583	650	656	11.46	cps
Boron	11-1	3426	3409	3601	3478	3.05	cps
Cadmium	111-1	919	1067	1012	999	7.50	cps
Cadmium	106-1	1275	1483	1425	1395	7.71	cps
Cadmium	108-1	4	13	21	13	66.64	cps
Calcium	43-1	96539	96127	94803	95823	0.95	cps
Calcium	44-1	1626670	1621378	1622396	1623481	0.17	cps
Chromium	52-2	727	687	753	722	4.65	cps
Cobalt	59-2	553	513	497	521	5.59	cps
Copper	63-2	2050	2074	1887	2004	5.08	cps
Dysprosium	156-1	33	25	67	42	52.92	cps
Dysprosium	156-2	13	13	20	16	24.76	cps
Erbium	164-1	58	50	83	64	27.15	cps
Erbium	164-2	10	23	23	19	40.75	cps
Gadolinium	160-1	175	117	142	144	20.26	cps
Gadolinium	160-2	20	27	17	21	24.12	cps
Holmium	165-1	10288357	10394240	10417593	10366730	0.66	cps
Holmium	165-2	2148943	2258538	2255997	2221159	2.82	cps
Indium	115-1	7597758	7688644	7629548	7638650	0.60	cps
Indium	115-2	312874	328442	325510	322275	2.57	cps
Iron	56-2	447161	449803	444324	447096	0.61	cps
Iron	57-2	11433	11327	11572	11444	1.07	cps
Krypton	83-1	283	303	357	314	12.06	cps
Lead	206-1	444	550	489	494	10.72	cps
Lead	207-1	439	467	328	411	17.88	cps
Lead	208-1	1900	2156	1922	1993	7.10	cps
Lithium	6-1	661347	661491	661056	661298	0.03	cps
Magnesium	24-2	33566	33683	33716	33655	0.23	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-15DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0253DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 20:07:53	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70825	71787	70949	71187	0.74	cps
Molybdenum	94-1	758	483	767	669	24.08	cps
Molybdenum	95-1	400	425	450	425	5.88	cps
Molybdenum	96-1	550	667	633	617	9.74	cps
Molybdenum	97-1	283	450	458	397	24.85	cps
Molybdenum	98-1	717	650	725	697	5.90	cps
Neodymium	150-1	80	53	60	64	21.53	cps
Neodymium	150-2	10	10	17	12	31.50	cps
Nickel	60-2	1563	1550	1580	1565	0.96	cps
Phosphorus	31-2	33	0	25	19	89.21	cps
Potassium	39-2	18546	17962	18271	18260	1.60	cps
Rhodium	103-1	6991554	7077357	7007981	7025631	0.65	cps
Rhodium	103-2	1931695	2053235	2032749	2005893	3.24	cps
Scandium	45-1	3798520	3814785	3844464	3819256	0.61	cps
Scandium	45-2	30848	31987	32267	31700	2.37	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	57	53	-4	36	95.46	cps
Silicon	28-1	4567200	4483272	4473206	4507893	1.14	cps
Silver	109-1	308	342	333	328	5.29	cps
Silver	107-1	408	358	283	350	17.98	cps
Sodium	23-2	546775	544223	544046	545015	0.28	cps
Strontium	86-1	76708	77151	74588	76149	1.80	cps
Strontium	88-1	657736	665831	657240	660269	0.73	cps
Sulfur	34-1	236973	236994	236382	236783	0.15	cps
Terbium	159-1	10545463	10611707	10569683	10575618	0.32	cps
Terbium	159-2	2037008	2162702	2158118	2119276	3.36	cps
Thallium	203-1	150	208	167	175	17.17	cps
Thallium	205-1	325	267	275	289	10.92	cps
Tin	118-1	2000	2084	2192	2092	4.60	cps
Titanium	47-1	525	517	592	544	7.55	cps
Uranium	238-1	1025	875	1000	967	8.31	cps
Vanadium	51-2	110	107	103	107	3.12	cps
Yttrium	89-1	7555918	7644097	7641811	7613942	0.66	cps
Yttrium	89-2	228431	241952	236819	235734	2.90	cps
Zinc	66-2	787	720	780	762	4.82	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-15DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0253DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 20:07:53	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1000	1217	967	1061	12.79	cps
Zirconium	91-1	208	350	233	264	28.65	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-16DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0244DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 20:11:15	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65	70	45	60	22.05	cps
Antimony	121-1	1817	1917	2167	1967	9.17	cps
Arsenic	75-2	474	509	450	478	6.24	cps
Barium	135-1	7544	7211	7319	7358	2.31	cps
Barium	137-1	13482	13024	13040	13182	1.97	cps
Beryllium	9-1	94	106	83	94	11.76	cps
Bismuth	209-1	6680373	7176029	7329707	7062036	4.81	cps
Bismuth	209-2	1943219	1951456	1948519	1947732	0.21	cps
Boron	10-1	625	700	775	700	10.71	cps
Boron	11-1	3442	3642	3392	3492	3.79	cps
Cadmium	111-1	944	1081	943	989	8.05	cps
Cadmium	106-1	1342	1533	1292	1389	9.19	cps
Cadmium	108-1	17	13	17	15	15.76	cps
Calcium	43-1	259516	255793	258079	257796	0.73	cps
Calcium	44-1	4316811	4322832	4316845	4318829	0.08	cps
Chromium	52-2	907	777	880	854	8.04	cps
Cobalt	59-2	1133	1087	1107	1109	2.11	cps
Copper	63-2	1860	1783	1833	1826	2.13	cps
Dysprosium	156-1	425	367	350	381	10.35	cps
Dysprosium	156-2	53	60	103	72	37.60	cps
Erbium	164-1	400	342	333	358	10.14	cps
Erbium	164-2	63	87	93	81	19.43	cps
Gadolinium	160-1	417	333	433	394	13.58	cps
Gadolinium	160-2	150	93	97	113	28.05	cps
Holmium	165-1	9527053	10219529	10463435	10070006	4.82	cps
Holmium	165-2	2218026	2226740	2228019	2224261	0.24	cps
Indium	115-1	6982812	7636044	7628184	7415680	5.06	cps
Indium	115-2	324442	323890	325795	324709	0.30	cps
Iron	56-2	2464789	2432579	2434057	2443808	0.74	cps
Iron	57-2	57965	57720	58685	58123	0.86	cps
Krypton	83-1	340	327	323	330	2.67	cps
Lead	206-1	350	306	350	335	7.66	cps
Lead	207-1	289	283	228	267	12.67	cps
Lead	208-1	1345	1222	1250	1272	5.04	cps
Lithium	6-1	607300	657796	661955	642350	4.74	cps
Magnesium	24-2	66490	67000	64413	65968	2.08	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-16DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0244DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 20:11:15	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	89474	88209	89575	89086	0.85	cps
Molybdenum	94-1	1950	1817	1700	1822	6.86	cps
Molybdenum	95-1	483	400	375	419	13.52	cps
Molybdenum	96-1	925	858	692	825	14.57	cps
Molybdenum	97-1	383	242	350	325	22.79	cps
Molybdenum	98-1	592	717	533	614	15.26	cps
Neodymium	150-1	460	513	367	447	16.62	cps
Neodymium	150-2	53	70	50	58	18.55	cps
Nickel	60-2	1960	1733	1820	1838	6.22	cps
Phosphorus	31-2	42	25	17	28	45.82	cps
Potassium	39-2	10129	10113	10012	10085	0.63	cps
Rhodium	103-1	6376667	6911271	7066880	6784940	5.34	cps
Rhodium	103-2	2002000	2008316	1988332	1999549	0.51	cps
Scandium	45-1	3494183	3820942	3898062	3737729	5.74	cps
Scandium	45-2	32167	32157	31950	32091	0.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	2	36	31	23	80.04	cps
Silicon	28-1	6549448	6591011	6589041	6576500	0.36	cps
Silver	109-1	217	275	242	244	11.97	cps
Silver	107-1	258	342	292	297	14.11	cps
Sodium	23-2	2436885	2418482	2423901	2426423	0.39	cps
Strontium	86-1	177413	180082	178518	178671	0.75	cps
Strontium	88-1	1636790	1618103	1619031	1624641	0.65	cps
Sulfur	34-1	240223	240929	238909	240020	0.43	cps
Terbium	159-1	9797972	10488440	10715263	10333892	4.62	cps
Terbium	159-2	2151542	2156643	2134381	2147522	0.54	cps
Thallium	203-1	58	133	92	94	39.79	cps
Thallium	205-1	250	258	208	239	11.21	cps
Tin	118-1	2259	2409	2159	2275	5.53	cps
Titanium	47-1	333	400	500	411	20.41	cps
Uranium	238-1	1650	1784	1659	1697	4.40	cps
Vanadium	51-2	440	510	447	466	8.30	cps
Yttrium	89-1	6992415	7566348	7735963	7431575	5.24	cps
Yttrium	89-2	238862	240788	238631	239427	0.49	cps
Zinc	66-2	310	347	287	314	9.62	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-16DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0244DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 20:11:15	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4209	4017	3909	4045	3.76	cps
Zirconium	91-1	1017	908	1050	992	7.47	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 20:14:36	DataFile Name :	065CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	237358	236215	236535	236703	0.25	cps
Antimony	121-1	3602161	3650040	3640717	3630972	0.70	cps
Arsenic	75-2	40465	39865	40095	40141	0.75	cps
Barium	135-1	4003679	4040984	3967505	4004056	0.92	cps
Barium	137-1	6918108	6948722	6869959	6912263	0.57	cps
Beryllium	9-1	359765	361613	365182	362187	0.76	cps
Bismuth	209-1	7035796	7122977	7202269	7120348	1.17	cps
Bismuth	209-2	1935749	1907547	1896820	1913372	1.05	cps
Boron	10-1	40216	42079	43433	41909	3.85	cps
Boron	11-1	196318	204621	207142	202694	2.79	cps
Cadmium	111-1	772252	773395	770779	772142	0.17	cps
Cadmium	106-1	80783	79702	78948	79811	1.16	cps
Cadmium	108-1	54426	54351	53874	54217	0.55	cps
Calcium	43-1	3421447	3426299	3363588	3403778	1.03	cps
Calcium	44-1	55460099	55477547	55179539	55372395	0.30	cps
Chromium	52-2	315189	313666	313898	314251	0.26	cps
Cobalt	59-2	663537	663698	664389	663875	0.07	cps
Copper	63-2	1127229	1120880	1123655	1123921	0.28	cps
Dysprosium	156-1	75	83	75	78	6.19	cps
Dysprosium	156-2	13	17	17	16	12.40	cps
Erbium	164-1	42	17	58	39	53.93	cps
Erbium	164-2	13	13	13	13	0.00	cps
Gadolinium	160-1	67	108	100	92	24.05	cps
Gadolinium	160-2	27	10	30	22	48.22	cps
Holmium	165-1	10681247	10678138	10671660	10677015	0.05	cps
Holmium	165-2	2332225	2310028	2310326	2317526	0.55	cps
Indium	115-1	7683788	7638670	7640902	7654453	0.33	cps
Indium	115-2	328999	321262	324266	324842	1.20	cps
Iron	56-2	51270369	51450647	51459176	51393397	0.21	cps
Iron	57-2	1280978	1275853	1280805	1279212	0.23	cps
Krypton	83-1	350	280	327	319	11.18	cps
Lead	206-1	2651352	2691315	2663462	2668709	0.77	cps
Lead	207-1	2476231	2445240	2483350	2468273	0.82	cps
Lead	208-1	10936298	10985233	10985959	10969163	0.26	cps
Lithium	6-1	689853	696177	722497	702842	2.46	cps
Magnesium	24-2	5233936	5227815	5201923	5221225	0.33	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 20:14:36	DataFile Name :	065CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	175423	175469	173334	174742	0.70	cps
Molybdenum	94-1	5964996	5991702	5980866	5979188	0.22	cps
Molybdenum	95-1	7377912	7409589	7456044	7414515	0.53	cps
Molybdenum	96-1	8244794	8330829	8265674	8280432	0.54	cps
Molybdenum	97-1	4668875	4696672	4724272	4696606	0.59	cps
Molybdenum	98-1	11997793	11861511	11897852	11919052	0.59	cps
Neodymium	150-1	267	233	153	218	26.75	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	198868	198218	197715	198267	0.29	cps
Phosphorus	31-2	3259	3434	3234	3309	3.29	cps
Potassium	39-2	1433805	1436166	1447619	1439197	0.51	cps
Rhodium	103-1	6853807	6718978	6849413	6807399	1.13	cps
Rhodium	103-2	1961836	1914603	1939994	1938811	1.22	cps
Scandium	45-1	4013971	3975800	3999406	3996393	0.48	cps
Scandium	45-2	33189	32598	32682	32823	0.98	cps
Selenium	77-2	280	263	287	277	4.35	cps
Selenium	78-2	856	835	882	857	2.71	cps
Selenium	82-1	46184	46179	46539	46301	0.45	cps
Silicon	28-1	1595369	1620949	1612702	1609673	0.81	cps
Silver	109-1	3743213	3730200	3690674	3721362	0.74	cps
Silver	107-1	3887339	3897878	3889806	3891674	0.14	cps
Sodium	23-2	11995741	11991373	12000678	11995931	0.04	cps
Strontium	86-1	903990	900143	904206	902780	0.25	cps
Strontium	88-1	7963031	7931893	7976933	7957286	0.29	cps
Sulfur	34-1	445544	440423	439243	441737	0.76	cps
Terbium	159-1	10993255	10786219	10815524	10865000	1.03	cps
Terbium	159-2	2236539	2186417	2176644	2199867	1.46	cps
Thallium	203-1	3313990	3328572	3333108	3325223	0.30	cps
Thallium	205-1	7825506	7889250	7847125	7853960	0.41	cps
Tin	118-1	2514523	2552289	2512645	2526486	0.89	cps
Titanium	47-1	1759730	1764826	1728148	1750901	1.13	cps
Uranium	238-1	10739515	10938927	10893204	10857215	0.96	cps
Vanadium	51-2	230295	226784	226244	227774	0.97	cps
Yttrium	89-1	7817938	7747676	7701459	7755691	0.76	cps
Yttrium	89-2	246827	241585	240815	243076	1.35	cps
Zinc	66-2	107368	106320	106092	106593	0.64	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 20:14:36	DataFile Name :	065CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5014658	5041294	5022572	5026175	0.27	cps
Zirconium	91-1	1089310	1109522	1101952	1100261	0.93	cps

LB Number : LB98004 Operator : Jaswal
 Lab Sample ID : CCB43 Instrumnet Name : P8
 Client Sample ID : CCB43 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-17 20:17:48 DataFile Name : 066CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18	28	23	23	22.24	cps
Antimony	121-1	8461	7578	6527	7522	12.87	cps
Arsenic	75-2	9	11	9	10	10.81	cps
Barium	135-1	217	133	183	178	23.59	cps
Barium	137-1	417	108	233	253	61.35	cps
Beryllium	9-1	300	233	261	265	12.65	cps
Bismuth	209-1	7599059	7691477	6885411	7391982	5.97	cps
Bismuth	209-2	2016600	2017949	2007406	2013985	0.28	cps
Boron	10-1	1392	1608	1300	1433	11.05	cps
Boron	11-1	7919	6860	6093	6958	13.18	cps
Cadmium	111-1	1263	1167	1233	1221	4.03	cps
Cadmium	106-1	1659	1567	1592	1606	2.95	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	467	508	467	481	5.01	cps
Calcium	44-1	16243	15092	14475	15270	5.88	cps
Chromium	52-2	490	557	553	533	7.04	cps
Cobalt	59-2	53	57	50	53	6.25	cps
Copper	63-2	930	860	867	886	4.36	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	50	33	42	20.00	cps
Erbium	164-2	0	3	10	4	114.60	cps
Gadolinium	160-1	42	67	42	50	28.87	cps
Gadolinium	160-2	10	7	10	9	21.63	cps
Holmium	165-1	10803152	10724617	9800186	10442652	5.34	cps
Holmium	165-2	2315530	2300824	2330990	2315781	0.65	cps
Indium	115-1	8010910	7921412	7319488	7750603	4.85	cps
Indium	115-2	341587	337677	338718	339327	0.60	cps
Iron	56-2	3573	3062	2723	3119	13.72	cps
Iron	57-2	83	94	128	102	22.71	cps
Krypton	83-1	340	340	373	351	5.48	cps
Lead	206-1	444	450	378	424	9.48	cps
Lead	207-1	383	400	367	383	4.35	cps
Lead	208-1	1600	1745	1595	1646	5.17	cps
Lithium	6-1	749716	755423	698306	734481	4.28	cps
Magnesium	24-2	417	392	292	367	18.04	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 20:17:48	DataFile Name :	066CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60	77	103	80	27.33	cps
Molybdenum	94-1	2617	2159	2275	2350	10.14	cps
Molybdenum	95-1	3201	2984	2400	2862	14.46	cps
Molybdenum	96-1	3492	3025	3201	3239	7.28	cps
Molybdenum	97-1	2284	1825	1709	1939	15.68	cps
Molybdenum	98-1	5218	4701	4143	4687	11.48	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1247	1167	1420	1278	10.14	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2259	2475	2409	2381	4.66	cps
Rhodium	103-1	7285566	7314027	6741140	7113578	4.54	cps
Rhodium	103-2	2093525	2087352	2070759	2083879	0.56	cps
Scandium	45-1	4065836	4044539	3694198	3934858	5.30	cps
Scandium	45-2	33387	33507	33981	33625	0.94	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	0	6	2	173.21	cps
Selenium	82-1	20	4	-19	2	1008.65	cps
Silicon	28-1	202044	198106	200127	200092	0.98	cps
Silver	109-1	558	458	308	442	28.49	cps
Silver	107-1	542	408	400	450	17.67	cps
Sodium	23-2	6293	6585	5952	6277	5.05	cps
Strontium	86-1	533	450	467	483	9.12	cps
Strontium	88-1	525	408	408	447	15.06	cps
Sulfur	34-1	242735	241075	242054	241955	0.34	cps
Terbium	159-1	11041847	11180902	10222611	10815120	4.79	cps
Terbium	159-2	2223344	2204258	2225541	2217714	0.53	cps
Thallium	203-1	1258	833	775	956	27.61	cps
Thallium	205-1	2384	2067	2142	2198	7.53	cps
Tin	118-1	2134	2009	1884	2009	6.22	cps
Titanium	47-1	225	108	217	183	35.50	cps
Uranium	238-1	642	450	392	494	26.45	cps
Vanadium	51-2	17	3	23	14	70.51	cps
Yttrium	89-1	7817803	7896864	7236180	7650282	4.72	cps
Yttrium	89-2	248777	246456	248404	247879	0.50	cps
Zinc	66-2	147	120	163	143	15.25	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 20:17:48	DataFile Name :	066CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2109	2050	1825	1995	7.50	cps
Zirconium	91-1	517	475	392	461	13.80	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-17DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0261DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 20:21:10	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28	33	28	29	9.89	cps
Antimony	121-1	5643	5727	5210	5526	5.02	cps
Arsenic	75-2	19	31	30	27	26.41	cps
Barium	135-1	1642	1809	1534	1661	8.34	cps
Barium	137-1	3009	3142	3401	3184	6.26	cps
Beryllium	9-1	211	161	156	176	17.39	cps
Bismuth	209-1	7379386	7408679	7440658	7409575	0.41	cps
Bismuth	209-2	1950897	1950776	1956650	1952774	0.17	cps
Boron	10-1	1267	1709	1500	1492	14.81	cps
Boron	11-1	6577	6602	6860	6680	2.35	cps
Cadmium	111-1	1168	1108	1100	1125	3.34	cps
Cadmium	106-1	1533	1400	1433	1456	4.77	cps
Cadmium	108-1	25	8	29	21	52.93	cps
Calcium	43-1	71960	71658	71416	71678	0.38	cps
Calcium	44-1	1217812	1209421	1219176	1215469	0.43	cps
Chromium	52-2	647	717	553	639	12.83	cps
Cobalt	59-2	90	57	53	67	30.41	cps
Copper	63-2	1740	1653	1830	1741	5.07	cps
Dysprosium	156-1	92	83	58	78	22.30	cps
Dysprosium	156-2	13	10	17	13	25.01	cps
Erbium	164-1	100	125	92	106	16.44	cps
Erbium	164-2	13	13	17	14	13.35	cps
Gadolinium	160-1	75	133	125	111	28.39	cps
Gadolinium	160-2	13	30	20	21	39.75	cps
Holmium	165-1	10519848	10384016	10497035	10466966	0.69	cps
Holmium	165-2	2221525	2241075	2256282	2239627	0.78	cps
Indium	115-1	7730062	7681810	7781451	7731108	0.64	cps
Indium	115-2	322495	324499	325607	324200	0.49	cps
Iron	56-2	19931	19926	19353	19737	1.68	cps
Iron	57-2	522	544	489	519	5.39	cps
Krypton	83-1	393	340	370	368	7.27	cps
Lead	206-1	478	450	517	482	6.96	cps
Lead	207-1	439	450	467	452	3.09	cps
Lead	208-1	1900	1945	2167	2004	7.13	cps
Lithium	6-1	724818	726672	721691	724394	0.35	cps
Magnesium	24-2	25357	25324	24196	24959	2.65	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-17DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0261DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 20:21:10	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2570	2407	2534	2504	3.42	cps
Molybdenum	94-1	1675	1834	1650	1720	5.78	cps
Molybdenum	95-1	908	833	825	856	5.36	cps
Molybdenum	96-1	1225	1192	1075	1164	6.77	cps
Molybdenum	97-1	633	692	475	600	18.69	cps
Molybdenum	98-1	1442	1333	1408	1395	3.98	cps
Neodymium	150-1	127	40	100	89	49.94	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	1937	1773	1797	1836	4.81	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	6719	7294	7202	7072	4.37	cps
Rhodium	103-1	7068201	6973990	7004213	7015468	0.69	cps
Rhodium	103-2	2015472	2007284	1999252	2007336	0.40	cps
Scandium	45-1	3900008	3841571	3810285	3850621	1.18	cps
Scandium	45-2	31021	30406	30851	30759	1.03	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-59	22	-29	-22	-184.27	cps
Silicon	28-1	3644746	3662569	3623106	3643474	0.54	cps
Silver	109-1	783	883	867	845	6.34	cps
Silver	107-1	800	875	958	878	9.02	cps
Sodium	23-2	79380	78667	79263	79103	0.48	cps
Strontium	86-1	75342	74202	74512	74686	0.79	cps
Strontium	88-1	650281	650933	644263	648492	0.57	cps
Sulfur	34-1	283567	279268	277015	279950	1.19	cps
Terbium	159-1	10719889	10738716	10702193	10720266	0.17	cps
Terbium	159-2	2124112	2138914	2185186	2149404	1.48	cps
Thallium	203-1	792	867	642	767	14.94	cps
Thallium	205-1	2267	1809	1550	1875	19.36	cps
Tin	118-1	2559	2675	2725	2653	3.22	cps
Titanium	47-1	233	225	233	231	2.09	cps
Uranium	238-1	23131	23039	23006	23058	0.28	cps
Vanadium	51-2	17	40	27	28	42.13	cps
Yttrium	89-1	7619021	7580725	7577367	7592371	0.30	cps
Yttrium	89-2	233844	232453	234688	233662	0.48	cps
Zinc	66-2	843	850	830	841	1.21	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	J4925-17DLX5	Instrumnet Name :	P8
Client Sample ID :	S13-0261DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-17 20:21:10	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3251	3000	2709	2987	9.08	cps
Zirconium	91-1	767	800	625	731	12.72	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 20:24:32	DataFile Name :	068CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	232706	235966	234506	234392	0.70	cps
Antimony	121-1	3639329	3667647	3705825	3670934	0.91	cps
Arsenic	75-2	39937	40416	40242	40198	0.60	cps
Barium	135-1	4046373	4016815	4024170	4029119	0.38	cps
Barium	137-1	6938601	6844533	6945376	6909503	0.82	cps
Beryllium	9-1	366461	363518	368245	366075	0.65	cps
Bismuth	209-1	7188755	7215783	7221317	7208618	0.24	cps
Bismuth	209-2	1885334	1900314	1901930	1895859	0.48	cps
Boron	10-1	42046	43099	44420	43188	2.75	cps
Boron	11-1	198363	206821	215428	206871	4.12	cps
Cadmium	111-1	766951	772420	772014	770462	0.40	cps
Cadmium	106-1	79803	81263	81731	80932	1.24	cps
Cadmium	108-1	55183	54740	53887	54603	1.21	cps
Calcium	43-1	3342315	3357603	3366572	3355497	0.37	cps
Calcium	44-1	54682816	54729114	54590395	54667442	0.13	cps
Chromium	52-2	311327	311069	310971	311122	0.06	cps
Cobalt	59-2	656675	657216	655709	656533	0.12	cps
Copper	63-2	1111371	1113667	1113231	1112756	0.11	cps
Dysprosium	156-1	92	33	67	64	45.81	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	92	50	67	69	30.20	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	75	108	83	89	19.52	cps
Gadolinium	160-2	13	10	20	14	35.26	cps
Holmium	165-1	10788156	10755474	10878523	10807384	0.59	cps
Holmium	165-2	2299326	2284528	2301251	2295035	0.40	cps
Indium	115-1	7656753	7585256	7667268	7636426	0.58	cps
Indium	115-2	320724	322081	322203	321669	0.26	cps
Iron	56-2	50777564	51106905	50862448	50915639	0.34	cps
Iron	57-2	1267298	1272036	1267473	1268936	0.21	cps
Krypton	83-1	317	373	320	337	9.45	cps
Lead	206-1	2698829	2684524	2681434	2688262	0.35	cps
Lead	207-1	2452309	2494157	2473679	2473382	0.85	cps
Lead	208-1	11041239	11018222	11024370	11027944	0.11	cps
Lithium	6-1	738298	748822	743504	743541	0.71	cps
Magnesium	24-2	5178421	5229380	5177277	5195026	0.57	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 20:24:32	DataFile Name :	068CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	171845	174544	170951	172447	1.08	cps
Molybdenum	94-1	5959617	5939724	5970232	5956524	0.26	cps
Molybdenum	95-1	7404563	7424697	7395826	7408362	0.20	cps
Molybdenum	96-1	8321135	8144560	8173543	8213079	1.15	cps
Molybdenum	97-1	4641009	4642319	4685124	4656151	0.54	cps
Molybdenum	98-1	11810282	11753793	11910214	11824763	0.67	cps
Neodymium	150-1	240	147	240	209	25.80	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	195718	195126	195261	195368	0.16	cps
Phosphorus	31-2	3551	3142	3351	3348	6.10	cps
Potassium	39-2	1409477	1424724	1410825	1415009	0.60	cps
Rhodium	103-1	6844702	6790248	6809543	6814831	0.41	cps
Rhodium	103-2	1917022	1936719	1893386	1915709	1.13	cps
Scandium	45-1	3977889	3904245	3966860	3949665	1.01	cps
Scandium	45-2	32160	32287	32705	32384	0.88	cps
Selenium	77-2	293	290	313	299	4.22	cps
Selenium	78-2	906	948	972	942	3.58	cps
Selenium	82-1	46118	46076	45586	45927	0.64	cps
Silicon	28-1	1583232	1603920	1611924	1599692	0.93	cps
Silver	109-1	3695406	3690522	3714344	3700091	0.34	cps
Silver	107-1	3884482	3922419	3900334	3902412	0.49	cps
Sodium	23-2	11851664	11870385	11816280	11846110	0.23	cps
Strontium	86-1	894782	902048	892566	896465	0.55	cps
Strontium	88-1	7947369	7933892	7905772	7929011	0.27	cps
Sulfur	34-1	430266	431610	426776	429551	0.58	cps
Terbium	159-1	10984557	11078699	10869339	10977532	0.96	cps
Terbium	159-2	2141445	2201899	2159975	2167773	1.43	cps
Thallium	203-1	3346103	3317709	3345139	3336317	0.48	cps
Thallium	205-1	7931886	7872018	7959905	7921269	0.57	cps
Tin	118-1	2504931	2478393	2513362	2498896	0.73	cps
Titanium	47-1	1721729	1710484	1703796	1712003	0.53	cps
Uranium	238-1	10976971	10895203	10903822	10925332	0.41	cps
Vanadium	51-2	224540	225885	224537	224988	0.35	cps
Yttrium	89-1	7693229	7712854	7734284	7713456	0.27	cps
Yttrium	89-2	237441	240845	239222	239169	0.71	cps
Zinc	66-2	105101	106052	106475	105876	0.66	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 20:24:32	DataFile Name :	068CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4987024	5006724	4999586	4997778	0.20	cps
Zirconium	91-1	1093426	1091690	1093815	1092977	0.10	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 20:27:44	DataFile Name :	069CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13	35	8	18	79.92	cps
Antimony	121-1	9988	8161	7811	8653	13.51	cps
Arsenic	75-2	13	4	13	10	54.15	cps
Barium	135-1	225	217	183	208	10.58	cps
Barium	137-1	483	417	283	394	25.82	cps
Beryllium	9-1	389	228	317	311	25.94	cps
Bismuth	209-1	6458208	7229001	7476423	7054544	7.53	cps
Bismuth	209-2	2015442	2022988	2008326	2015585	0.36	cps
Boron	10-1	1700	1850	1567	1706	8.31	cps
Boron	11-1	8620	7644	7461	7908	7.88	cps
Cadmium	111-1	1169	997	1163	1110	8.80	cps
Cadmium	106-1	1442	1225	1458	1375	9.47	cps
Cadmium	108-1	33	21	17	24	36.73	cps
Calcium	43-1	550	508	550	536	4.49	cps
Calcium	44-1	16335	15568	14975	15626	4.36	cps
Chromium	52-2	643	513	550	569	11.78	cps
Cobalt	59-2	87	60	33	60	44.45	cps
Copper	63-2	853	807	860	840	3.46	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	42	50	36	48.03	cps
Erbium	164-2	13	10	0	8	89.21	cps
Gadolinium	160-1	25	92	25	47	81.51	cps
Gadolinium	160-2	7	10	17	11	45.82	cps
Holmium	165-1	9334527	10499507	10724196	10186077	7.32	cps
Holmium	165-2	2307308	2321890	2329375	2319525	0.48	cps
Indium	115-1	6842419	7630776	7913160	7462119	7.44	cps
Indium	115-2	340201	342430	337968	340199	0.66	cps
Iron	56-2	3695	3284	2989	3323	10.67	cps
Iron	57-2	78	106	106	96	16.66	cps
Krypton	83-1	307	260	317	294	10.27	cps
Lead	206-1	539	483	556	526	7.19	cps
Lead	207-1	500	467	433	467	7.14	cps
Lead	208-1	2117	2061	2122	2100	1.61	cps
Lithium	6-1	665001	742990	760738	722910	7.05	cps
Magnesium	24-2	467	417	400	428	8.11	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 20:27:44	DataFile Name :	069CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	60	43	57	21.21	cps
Molybdenum	94-1	3117	2542	2559	2739	11.95	cps
Molybdenum	95-1	3867	3025	2675	3189	19.21	cps
Molybdenum	96-1	4159	3167	3317	3548	15.07	cps
Molybdenum	97-1	2334	2009	1684	2009	16.18	cps
Molybdenum	98-1	5993	4959	4551	5168	14.38	cps
Neodymium	150-1	7	7	33	16	98.96	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1390	1370	1553	1438	7.00	cps
Phosphorus	31-2	0	0	25	8	173.21	cps
Potassium	39-2	2484	2534	2509	2509	1.00	cps
Rhodium	103-1	6323627	7088489	7258068	6890061	7.23	cps
Rhodium	103-2	2078860	2100415	2080706	2086660	0.57	cps
Scandium	45-1	3499985	3919216	4016441	3811881	7.20	cps
Scandium	45-2	32641	33266	32752	32886	1.01	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	76	134	24	78	70.41	cps
Silicon	28-1	204184	201285	199991	201820	1.06	cps
Silver	109-1	542	542	558	547	1.76	cps
Silver	107-1	608	450	350	469	27.75	cps
Sodium	23-2	6719	6285	6177	6393	4.49	cps
Strontium	86-1	592	450	483	508	14.57	cps
Strontium	88-1	725	517	425	556	27.67	cps
Sulfur	34-1	243083	246378	246684	245382	0.81	cps
Terbium	159-1	9506483	10563948	10956381	10342271	7.25	cps
Terbium	159-2	2203624	2208660	2184786	2199023	0.57	cps
Thallium	203-1	1133	1083	1133	1117	2.58	cps
Thallium	205-1	2850	2784	2600	2745	4.72	cps
Tin	118-1	2509	2117	1984	2203	12.39	cps
Titanium	47-1	175	183	208	189	9.18	cps
Uranium	238-1	1058	700	575	778	32.26	cps
Vanadium	51-2	13	13	0	9	86.60	cps
Yttrium	89-1	6759129	7593384	7773052	7375189	7.34	cps
Yttrium	89-2	246651	248181	244754	246529	0.70	cps
Zinc	66-2	130	123	143	132	7.70	cps

LB Number :	LB98004	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2018-09-17 20:27:44	DataFile Name :	069CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2542	2300	2425	2423	4.99	cps
Zirconium	91-1	533	458	508	500	7.64	cps