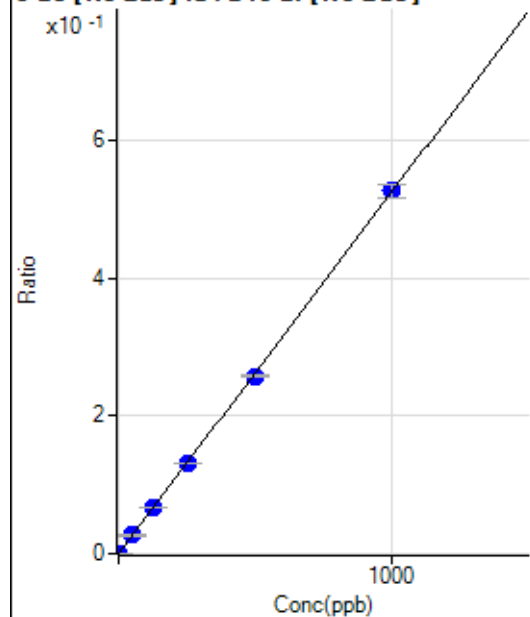


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8120320 MS.b\
Analysis File: P8120320 MS.batch.bin
DA Date-Time: 2020-12-04 01:54:28
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2020-12-03 14:12:06
2	004CALS.d	S02	2020-12-03 14:15:18
3	005CALS.d	S03	2020-12-03 14:18:27
4	006CALS.d	S04	2020-12-03 14:21:38
5	007CALS.d	S05	2020-12-03 14:24:42
6	008CALS.d	S06	2020-12-03 14:27:43
7	009CALS.d	S07	2020-12-03 14:30:41
8	010CALS.d	S08	2020-12-03 14:33:42

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97.33	0.0001	P	21.1
2	☐	1.000	0.904	637.10	0.0006	P	4.8
3	☐	50.000	51.029	30094.39	0.0269	P	3.0
4	☐	125.000	126.523	77508.11	0.0665	P	1.9
5	☐	250.000	250.303	155753.85	0.1314	P	0.6
6	☐	500.000	491.717	305631.18	0.2581	P	1.1
7	☐	1000.000	1003.824	619780.66	0.5268	P	3.4
8	☐			473.67	0.0004	P	9.0

$$y = 5.2472\text{E-}004 * x + 8.5647\text{E-}005$$

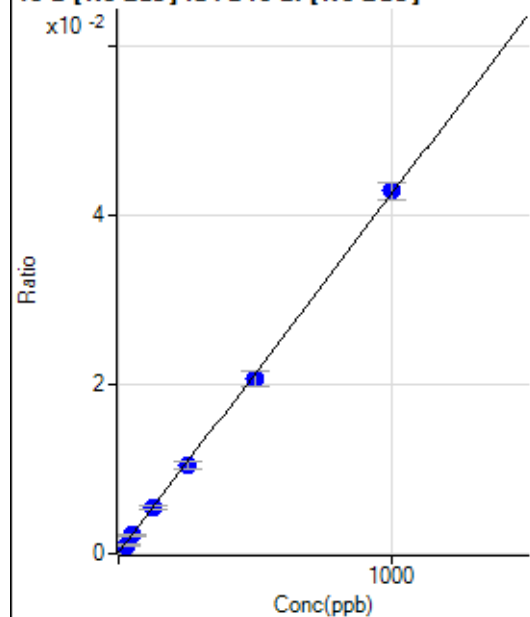
$$R = 0.9999$$

$$DL = 0.1031$$

$$BEC = 0.1632$$

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	134.64	0.0001	P	8.7
2	☐	25.000	20.501	1121.16	0.0010	P	8.8
3	☐	50.000	48.983	2453.06	0.0022	P	11.4
4	☐	125.000	124.263	6276.11	0.0054	P	7.1
5	☐	250.000	244.002	12377.46	0.0104	P	9.5
6	☐	500.000	485.980	24497.55	0.0207	P	8.1
7	☐	1000.000	1008.765	50432.09	0.0428	P	4.5
8	☐			7507.79	0.0061	P	9.5

$$y = 4.2323\text{E-}005 * x + 1.1854\text{E-}004$$

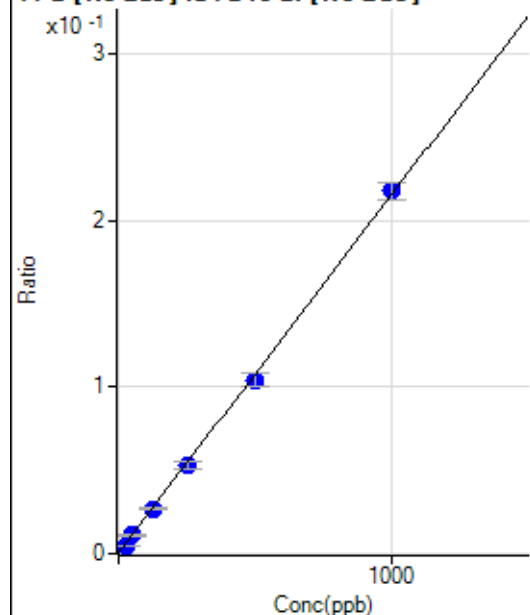
$$R = 0.9998$$

$$DL = 0.7334$$

$$BEC = 2.801$$

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	648.56	0.0006	P	3.7
2	☐	25.000	19.829	5495.29	0.0048	P	12.5
3	☐	50.000	50.118	12706.34	0.0113	P	9.6
4	☐	125.000	122.563	31419.92	0.0269	P	4.9
5	☐	250.000	243.623	62760.14	0.0530	P	7.8
6	☐	500.000	482.038	123440.46	0.1042	P	7.9
7	☐	1000.000	1011.003	256805.16	0.2180	P	4.7
8	☐			37400.84	0.0302	P	10.4

$$y = 2.1505\text{E-}004 * x + 5.7143\text{E-}004$$

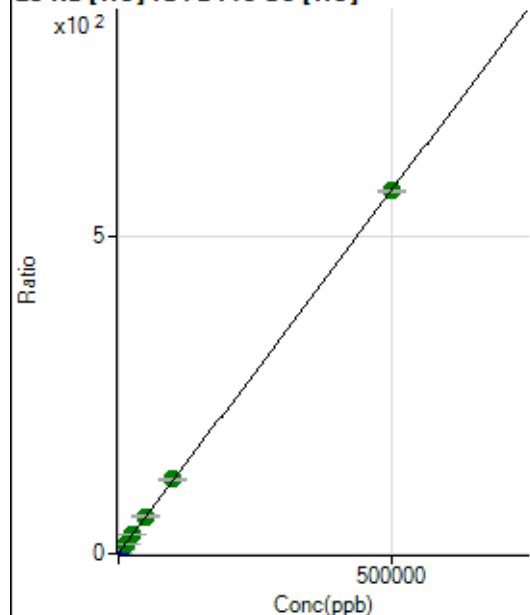
$$R = 0.9997$$

$$DL = 0.2968$$

$$BEC = 2.657$$

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	39855.04	0.4200	P	1.0
2	☐	500.000	440.382	87595.37	0.9242	P	1.9
3	☐	5000.000	5202.032	601130.21	6.3760	P	1.0
4	☐	12500.000	12911.081	1433379.69	15.2025	A	2.9
5	☐	25000.000	25695.499	2880390.52	29.8400	A	2.8
6	☐	50000.000	51279.134	5647854.95	59.1320	A	1.2
7	☐	100000.00	102071.86	11407102.43	117.2872	A	2.1
8	☐	500000.00	499410.70	55289407.49	572.2203	A	0.4

$$y = 0.0011 * x + 0.4200$$

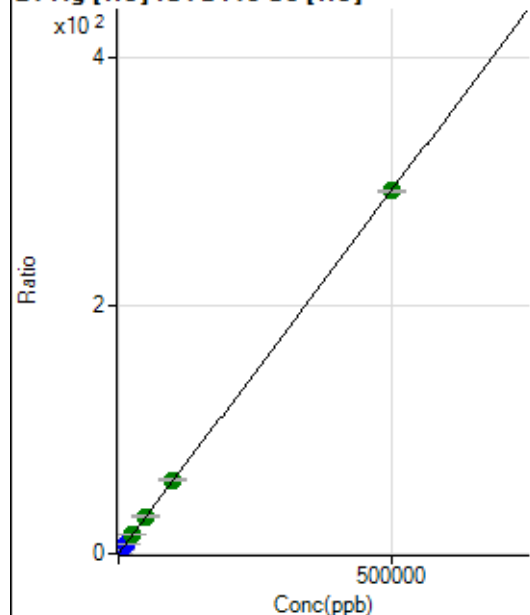
$$R = 1.0000$$

$$DL = 11.45$$

$$BEC = 366.8$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	594.48	0.0063	P	9.7
2	☐	500.000	463.975	26290.90	0.2774	P	2.2
3	☐	5000.000	5288.266	291930.23	3.0966	P	1.6
4	☐	12500.000	13175.905	726661.07	7.7060	P	1.8
5	☐	25000.000	25795.509	1455622.82	15.0806	A	2.5
6	☐	50000.000	51586.683	2879622.87	30.1525	A	1.7
7	☐	100000.00	100709.09	5724212.41	58.8586	A	2.6
8	☐	500000.00	499639.99	28212528.06	291.9858	A	0.3

$$y = 5.8438\text{E-}004 * x + 0.0063$$

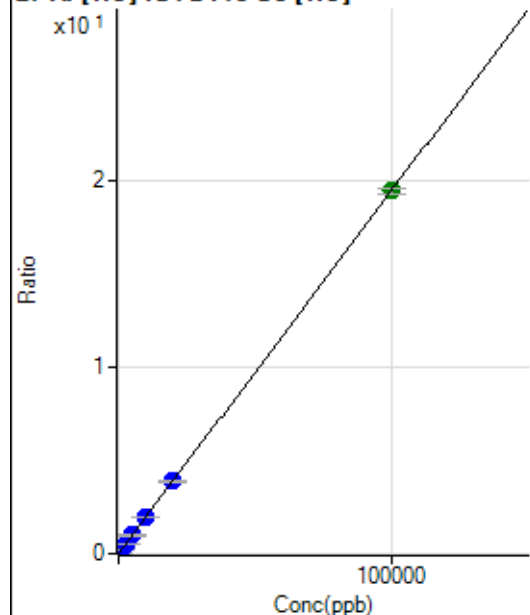
R = 1.0000

DL = 3.127

BEC = 10.72

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	396.21	0.0042	P	6.6
2	☐	20.000	17.105	711.60	0.0075	P	3.7
3	☐	1000.000	1001.523	18789.72	0.1993	P	1.6
4	☐	2500.000	2543.191	47122.27	0.4997	P	1.4
5	☐	5000.000	5026.455	94934.93	0.9835	P	2.3
6	☐	10000.000	10206.557	190327.51	1.9928	P	1.5
7	☐	20000.000	20071.373	380740.62	3.9149	P	2.4
8	☐	100000.00	99962.652	1882116.09	19.4810	A	1.7

$$y = 1.9484\text{E-}004 * x + 0.0042$$

R = 1.0000

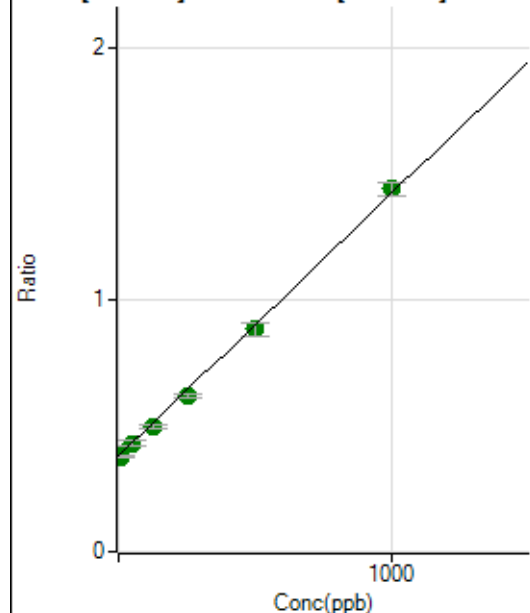
DL = 4.259

BEC = 21.41

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	909658.22	0.3804	A	2.5
2	☐	10.000	-4.065	911536.72	0.3762	A	2.4
3	☐	50.000	47.687	1022887.65	0.4302	A	4.4
4	☐	125.000	109.427	1236529.38	0.4947	A	2.5
5	☐	250.000	227.740	1589958.00	0.6182	A	3.0
6	☐	500.000	482.726	2218441.63	0.8843	A	6.1
7	☐	1000.000	1016.405	3615369.65	1.4414	A	3.5
8	☐			1502467.34	0.5975	A	5.0

$$y = 0.0010 * x + 0.3804$$

$$R = 0.9995$$

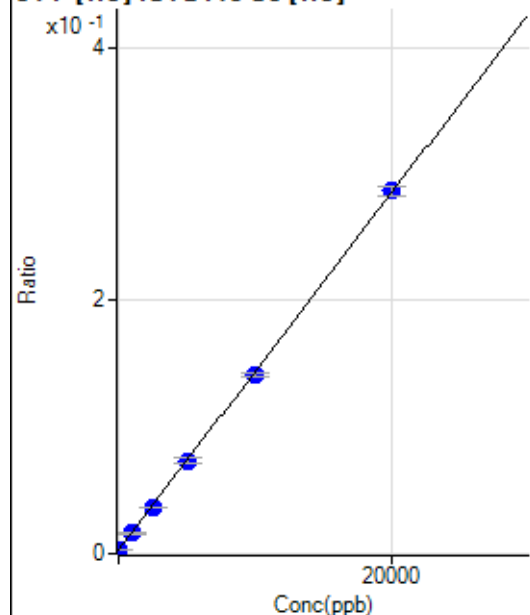
$$DL = 27.69$$

$$BEC = 364.4$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	16.517	300.01	0.0032	P	35.5
2	☐	0.000	-16.517	255.56	0.0027	P	12.6
3	☐	1000.000	955.014	1547.35	0.0164	P	11.0
4	☐	2500.000	2399.940	3467.18	0.0368	P	1.3
5	☐	5000.000	5010.290	7099.16	0.0736	P	6.5
6	☐	10000.000	9803.905	13478.85	0.1411	P	2.2
7	☐	20000.000	20110.232	27860.59	0.2864	P	2.6
8	☐			263.90	0.0027	P	20.8

$$y = 1.4098E-005 * x + 0.0029$$

$$R = 0.9999$$

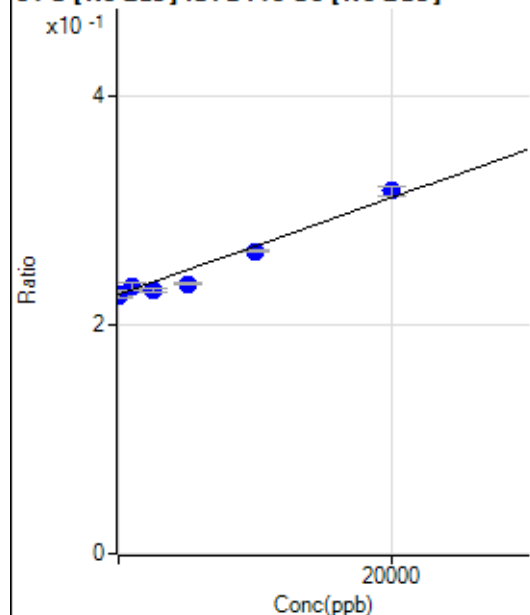
$$DL = 155.5$$

$$BEC = 207.9$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	178.006	544306.02	0.2276	P	2.2
2	☐	0.000	-178.006	547937.06	0.2261	P	1.7
3	☐	1000.000	1635.258	555973.68	0.2338	P	3.5
4	☐	2500.000	870.464	576226.68	0.2305	P	1.5
5	☐	5000.000	2168.190	606957.17	0.2360	P	1.0
6	☐	10000.000	8985.926	664812.90	0.2649	P	1.2
7	☐	20000.000	21386.918	795760.93	0.3174	P	2.4
8	☐			531938.53	0.2115	P	2.5

$$y = 4.2317\text{E-}006 * x + 0.2269$$

$$R = 0.9847$$

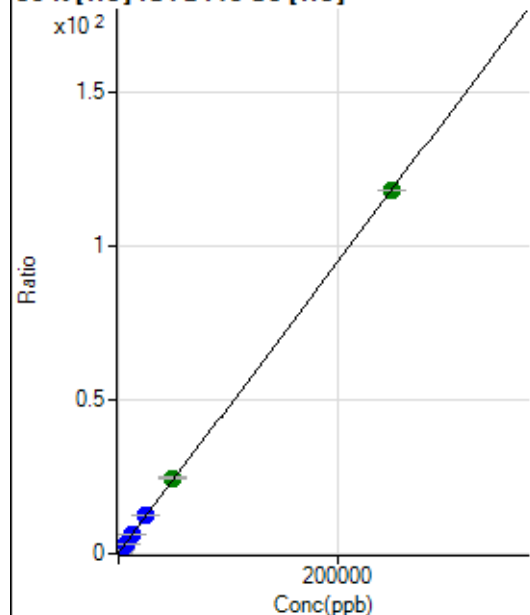
$$DL = 3183$$

$$BEC = 5.361\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	26511.01	0.2794	P	1.8
2	☐	500.000	443.895	46305.50	0.4886	P	3.7
3	☐	2500.000	2571.785	140644.95	1.4917	P	1.0
4	☐	6250.000	6515.873	315976.09	3.3510	P	2.6
5	☐	12500.000	13007.000	618771.29	6.4110	P	2.8
6	☐	25000.000	26112.115	1202437.87	12.5888	P	1.0
7	☐	50000.000	51565.969	2391204.37	24.5879	A	2.7
8	☐	250000.00	249542.99	11393631.07	117.9156	A	0.1

$$y = 4.7141\text{E-}004 * x + 0.2794$$

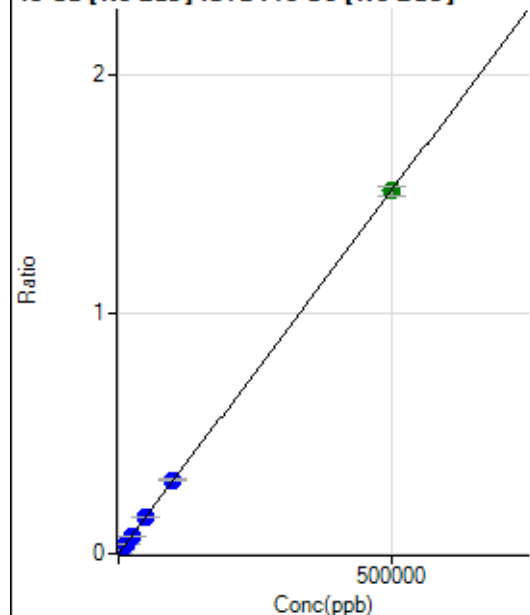
$$R = 1.0000$$

$$DL = 32.04$$

$$BEC = 592.7$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	274.55	0.0001	P	7.2
2	☐	500.000	436.992	3482.50	0.0014	P	3.5
3	☐	5000.000	5133.085	37219.39	0.0156	P	2.8
4	☐	12500.000	12532.369	95075.91	0.0380	P	1.4
5	☐	25000.000	24642.589	192051.48	0.0747	P	1.0
6	☐	50000.000	49815.429	378606.76	0.1509	P	1.9
7	☐	100000.00	101368.67	769396.19	0.3069	P	2.7
8	☐	500000.00	499760.51	3804014.56	1.5125	A	2.5

$$y = 3.0261\text{E-}006 * x + 1.1487\text{E-}004$$

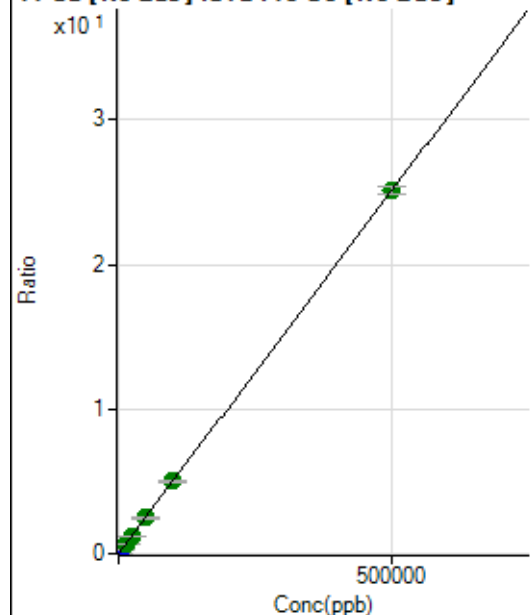
$$R = 1.0000$$

$$DL = 8.149$$

$$BEC = 37.96$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18212.62	0.0076	P	3.4
2	☐	500.000	433.928	71173.24	0.0294	P	2.2
3	☐	5000.000	5151.622	632376.91	0.2659	P	3.1
4	☐	12500.000	12459.659	1580289.70	0.6323	A	2.4
5	☐	25000.000	24323.952	3155467.89	1.2271	A	0.6
6	☐	50000.000	49174.828	6205303.46	2.4730	A	3.4
7	☐	100000.00	100039.86	12595564.95	5.0230	A	2.2
8	☐	500000.00	500107.90	63082491.04	25.0802	A	2.1

$$y = 5.0134\text{E-}005 * x + 0.0076$$

$$R = 1.0000$$

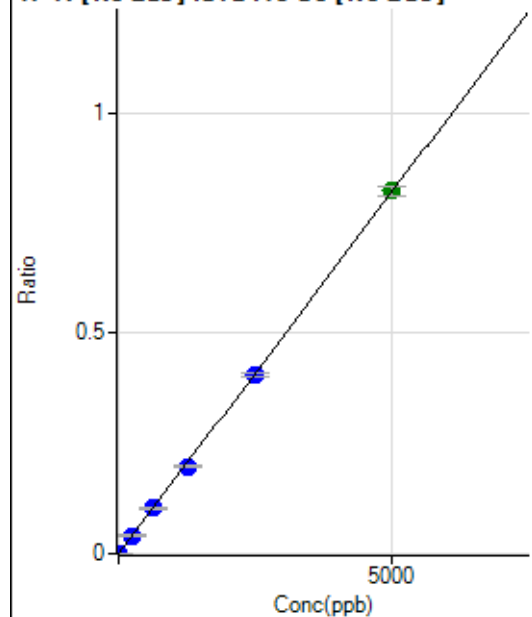
$$DL = 15.47$$

$$BEC = 151.9$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	336.13	0.0001	P	17.0
2	☐	5.000	4.290	2041.87	0.0008	P	4.9
3	☐	250.000	250.795	97948.06	0.0412	P	3.5
4	☐	625.000	625.379	256168.81	0.1025	P	1.4
5	☐	1250.000	1206.818	508235.47	0.1977	P	1.5
6	☐	2500.000	2474.264	1016504.48	0.4051	P	3.0
7	☐	5000.000	5023.577	2061858.83	0.8223	A	2.6
8	☐			633.36	0.0003	P	20.1

$$y = 1.6366\text{E-}004 * x + 1.4036\text{E-}004$$

R = 0.9999

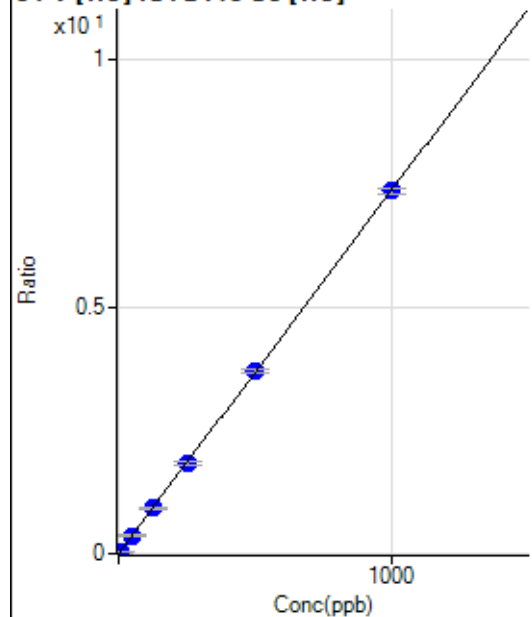
DL = 0.4364

BEC = 0.8576

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0001	P	17.8
2	☐	5.000	4.431	3098.14	0.0327	P	0.7
3	☐	50.000	50.158	34771.03	0.3688	P	1.3
4	☐	125.000	125.316	86869.39	0.9212	P	2.1
5	☐	250.000	249.964	177325.44	1.8374	P	3.4
6	☐	500.000	502.106	352462.54	3.6907	P	1.8
7	☐	1000.000	998.911	714105.02	7.3422	P	1.8
8	☐			228.89	0.0024	P	6.5

$$y = 0.0074 * x + 1.1714\text{E-}004$$

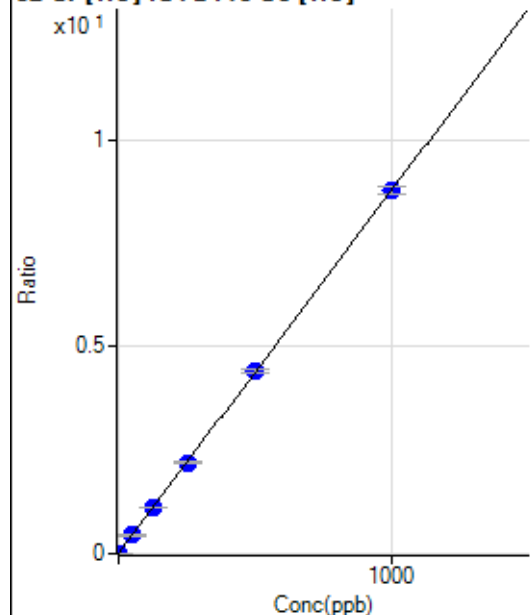
R = 1.0000

DL = 0.00852

BEC = 0.01594

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	618.91	0.0065	P	2.5
2	☐	2.000	1.738	2061.28	0.0217	P	6.6
3	☐	50.000	49.649	41624.90	0.4415	P	1.7
4	☐	125.000	125.411	104231.86	1.1052	P	0.9
5	☐	250.000	250.263	212238.19	2.1990	P	3.2
6	☐	500.000	502.223	420829.40	4.4064	P	1.5
7	☐	1000.000	998.790	851634.16	8.7567	P	2.2
8	☐			16686.48	0.1727	P	1.0

$$y = 0.0088 * x + 0.0065$$

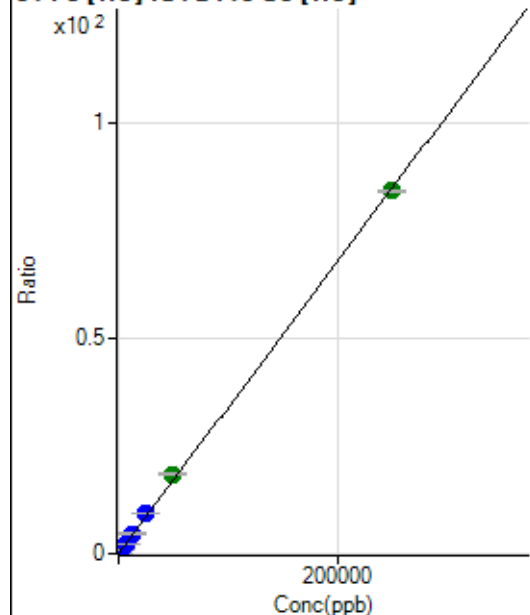
$$R = 1.0000$$

$$DL = 0.05667$$

$$BEC = 0.7442$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	383.34	0.0040	P	16.0
2	☐	50.000	47.679	1913.13	0.0202	P	3.3
3	☐	2500.000	2745.358	88013.82	0.9335	P	0.8
4	☐	6250.000	6880.122	220017.85	2.3333	P	1.9
5	☐	12500.000	13720.849	448699.34	4.6491	P	3.2
6	☐	25000.000	27527.687	890352.00	9.3233	P	2.1
7	☐	50000.000	54403.305	1791858.06	18.4219	A	1.3
8	☐	250000.00	248787.32	8138446.19	84.2292	A	0.5

$$y = 3.3854E-004 * x + 0.0040$$

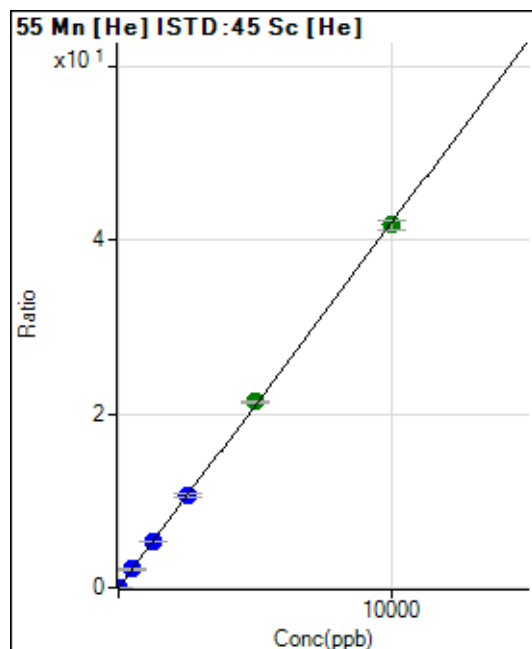
$$R = 0.9998$$

$$DL = 5.747$$

$$BEC = 11.94$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	106.67	0.0011	P	26.8
2	☐	1.000	0.883	457.79	0.0048	P	7.3
3	☐	500.000	503.134	199383.75	2.1148	P	1.4
4	☐	1250.000	1265.131	501295.47	5.3161	P	1.9
5	☐	2500.000	2528.349	1025321.69	10.6229	P	2.8
6	☐	5000.000	5089.513	2042219.90	21.3826	A	1.5
7	☐	10000.000	9946.108	4063801.96	41.7856	A	2.5
8	☐			5026.48	0.0520	P	1.2

$$y = 0.0042 * x + 0.0011$$

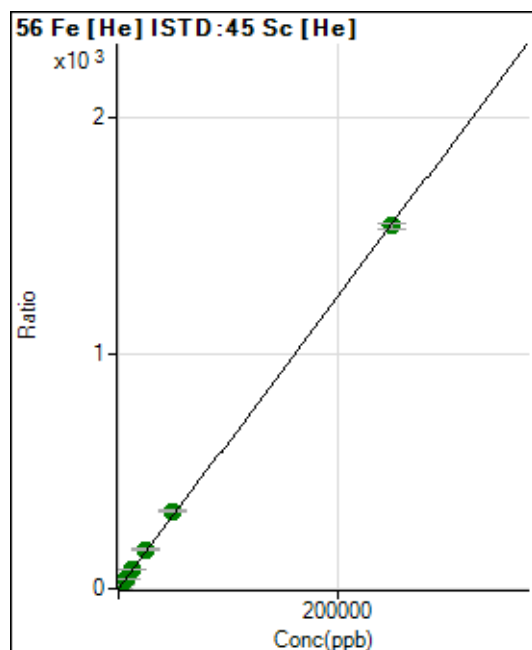
$$R = 0.9999$$

$$DL = 0.2145$$

$$BEC = 0.2669$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2609.54	0.0275	P	4.2
2	☐	50.000	47.035	30200.68	0.3187	P	2.3
3	☐	2500.000	2725.997	1593524.85	16.9018	A	0.9
4	☐	6250.000	6781.314	3960923.70	42.0047	A	2.1
5	☐	12500.000	13410.096	8015242.71	83.0377	A	2.4
6	☐	25000.000	26826.058	15860307.30	166.0843	A	2.2
7	☐	50000.000	53193.467	32027577.11	329.3020	A	1.9
8	☐	250000.00	249117.65	148987734.8	1,542.098	A	1.4

$$y = 0.0062 * x + 0.0275$$

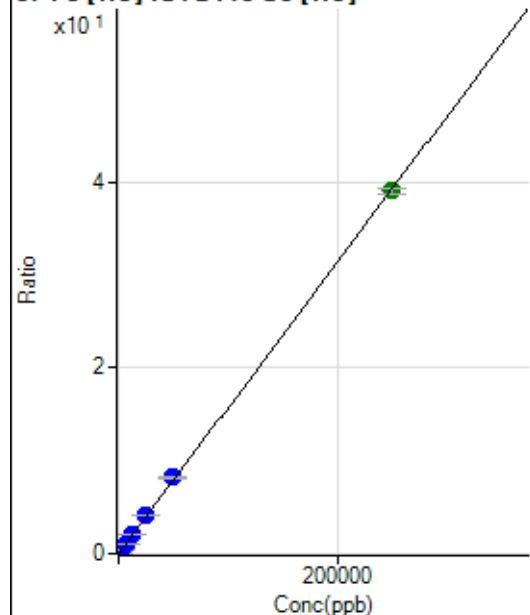
$$R = 0.9999$$

$$DL = 0.5658$$

$$BEC = 4.444$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	124.08	0.0013	P	16.8
2	☐	50.000	48.326	840.78	0.0089	P	8.1
3	☐	2500.000	2655.971	39319.09	0.4170	P	1.4
4	☐	6250.000	6686.844	98815.60	1.0479	P	2.2
5	☐	12500.000	13223.659	199909.89	2.0711	P	2.4
6	☐	25000.000	26433.967	395262.05	4.1388	P	1.7
7	☐	50000.000	52518.007	799564.09	8.2215	P	2.5
8	☐	250000.00	249304.33	3770125.08	39.0227	A	1.3

$$y = 1.5652E-004 * x + 0.0013$$

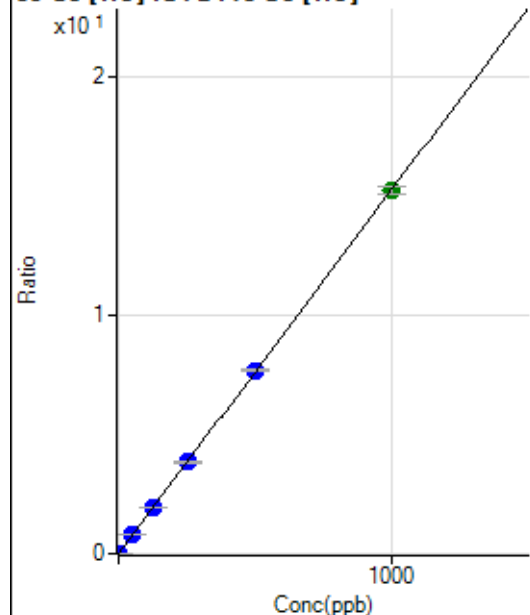
$$R = 0.9999$$

$$DL = 4.219$$

$$BEC = 8.351$$

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	58.89	0.0006	P	12.6
2	☐	1.000	0.919	1386.75	0.0146	P	5.5
3	☐	50.000	50.782	73078.47	0.7752	P	1.5
4	☐	125.000	127.032	182774.32	1.9381	P	1.1
5	☐	250.000	251.563	370403.93	3.8375	P	2.5
6	☐	500.000	503.689	733772.35	7.6830	P	1.6
7	☐	1000.000	997.472	1479704.39	15.2143	A	2.2
8	☐			2960.33	0.0306	P	4.2

$$y = 0.0153 * x + 6.2090E-004$$

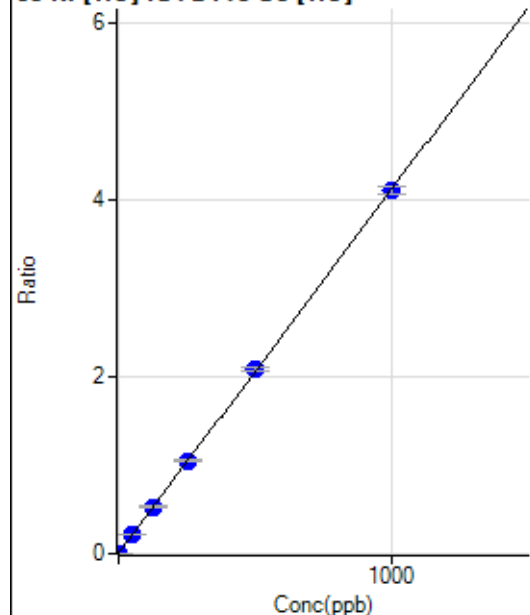
$$R = 1.0000$$

$$DL = 0.01537$$

$$BEC = 0.04071$$

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	356.68	0.0038	P	12.0
2	☐	1.000	0.858	691.14	0.0073	P	6.6
3	☐	50.000	49.821	19702.58	0.2090	P	0.3
4	☐	125.000	128.376	50210.43	0.5325	P	2.8
5	☐	250.000	254.296	101454.90	1.0512	P	2.8
6	☐	500.000	505.104	199035.29	2.0842	P	2.0
7	☐	1000.000	995.961	399332.84	4.1059	P	2.1
8	☐			5770.11	0.0597	P	4.5

$$y = 0.0041 * x + 0.0038$$

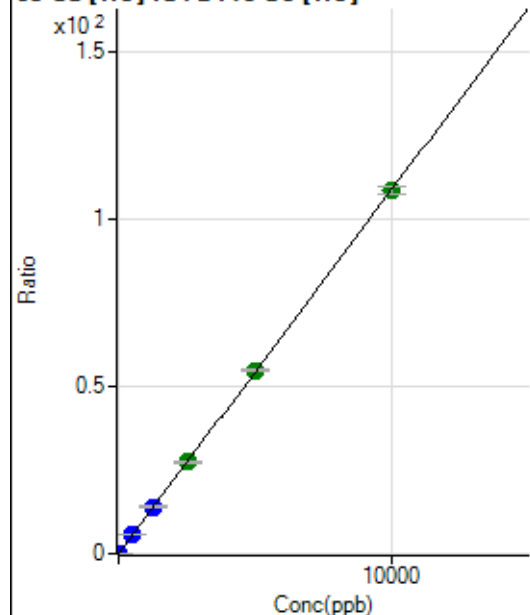
$$R = 1.0000$$

$$DL = 0.3277$$

$$BEC = 0.9116$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	887.16	0.0093	P	10.4
2	☐	2.000	2.093	3040.99	0.0321	P	1.1
3	☐	500.000	516.211	529501.16	5.6165	P	1.4
4	☐	1250.000	1289.199	1321400.40	14.0127	P	1.5
5	☐	2500.000	2528.208	2651470.19	27.4710	A	2.7
6	☐	5000.000	5026.263	5215361.61	54.6051	A	1.1
7	☐	10000.000	9974.106	10537620.59	108.3490	A	2.2
8	☐			10506.33	0.1088	P	2.9

$$y = 0.0109 * x + 0.0093$$

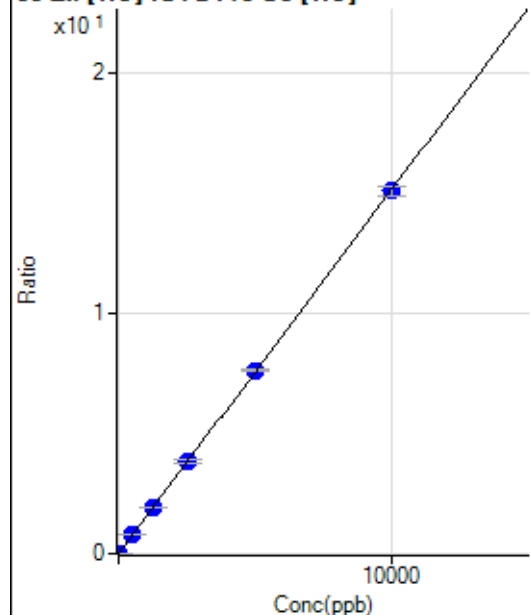
$$R = 1.0000$$

$$DL = 0.2676$$

$$BEC = 0.8606$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	110.00	0.0012	P	41.6
2	☐	2.000	1.725	357.79	0.0038	P	13.9
3	☐	500.000	508.380	72720.73	0.7713	P	0.5
4	☐	1250.000	1266.171	180974.29	1.9192	P	1.8
5	☐	2500.000	2530.617	370114.55	3.8346	P	2.7
6	☐	5000.000	5034.606	728481.07	7.6277	P	1.5
7	☐	10000.000	9972.603	1469262.67	15.1079	P	2.7
8	☐			5557.80	0.0575	P	2.4

$$y = 0.0015 * x + 0.0012$$

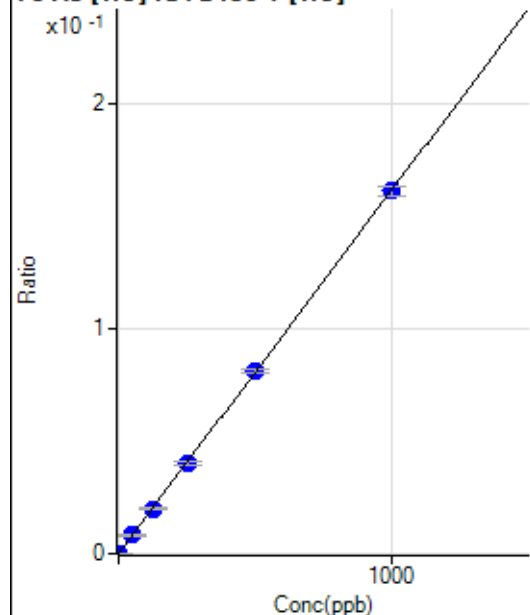
$$R = 1.0000$$

$$DL = 0.9577$$

$$BEC = 0.7679$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7.11	0.0000	P	37.4
2	☐	1.000	0.905	97.26	0.0002	P	6.4
3	☐	50.000	50.327	4975.94	0.0081	P	3.8
4	☐	125.000	123.931	12405.17	0.0200	P	1.9
5	☐	250.000	248.619	25101.37	0.0402	P	3.0
6	☐	500.000	503.103	50390.31	0.0813	P	1.5
7	☐	1000.000	998.911	101655.80	0.1613	P	2.6
8	☐			41.74	0.0001	P	19.7

$$y = 1.6151E-004 * x + 1.1526E-005$$

$$R = 1.0000$$

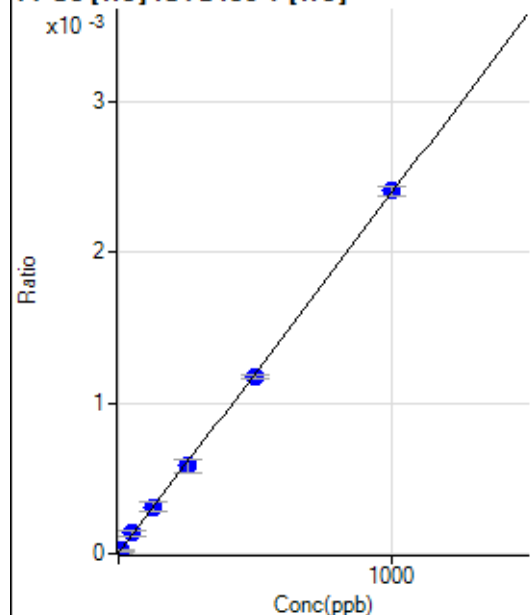
$$DL = 0.0801$$

$$BEC = 0.07137$$

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	2.22	0.0000	P	173.2
2	☐	5.000	6.730	12.22	0.0000	P	66.9
3	☐	50.000	55.820	83.33	0.0001	P	27.5
4	☐	125.000	129.372	193.34	0.0003	P	18.8
5	☐	250.000	243.243	365.56	0.0006	P	14.8
6	☐	500.000	488.479	724.47	0.0012	P	2.1
7	☐	1000.000	1006.604	1514.54	0.0024	P	2.5
8	☐			1.11	0.0000	P	173.2

$$y = 2.3843\text{E-}006 * x + 3.5475\text{E-}006$$

$$R = 0.9998$$

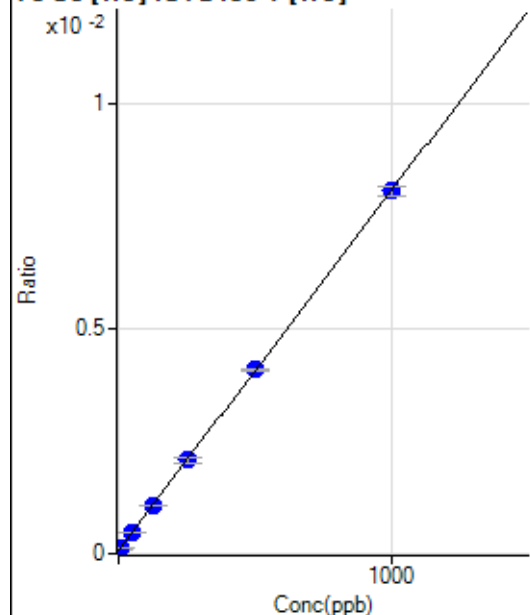
$$DL = 7.731$$

$$BEC = 1.488$$

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	47.00	0.0001	P	14.0
2	☐	5.000	6.097	76.68	0.0001	P	13.9
3	☐	50.000	50.033	290.70	0.0005	P	5.0
4	☐	125.000	123.835	659.41	0.0011	P	1.5
5	☐	250.000	250.102	1294.86	0.0021	P	5.2
6	☐	500.000	501.558	2530.16	0.0041	P	1.5
7	☐	1000.000	999.334	5075.10	0.0081	P	2.4
8	☐			53.34	0.0001	P	6.6

$$y = 7.9834\text{E-}006 * x + 7.5907\text{E-}005$$

$$R = 1.0000$$

$$DL = 3.996$$

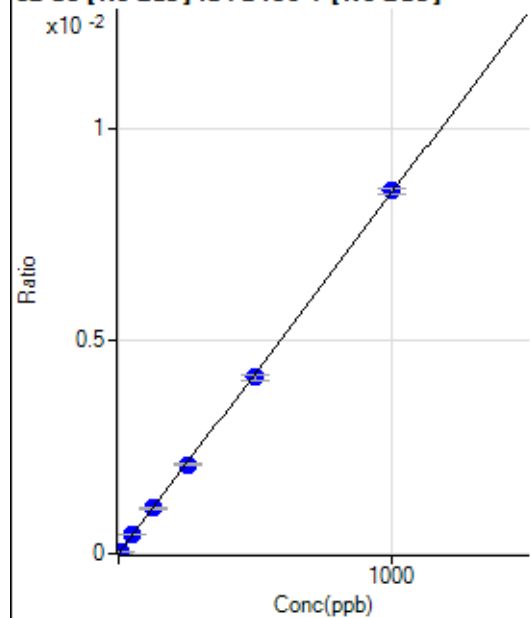
$$BEC = 9.508$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2779.80		P	5.5
2	☐			2859.92		P	3.2
3	☐			2933.34		P	8.9
4	☐			2909.96		P	3.3
5	☐			2956.71		P	5.8
6	☐			2876.60		P	6.5
7	☐			2983.41		P	7.4
8	☐			3126.92		P	4.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-26.59	0.0000	P	-150.
2	☐	5.000	5.855	248.89	0.0000	P	7.5
3	☐	50.000	51.252	2318.21	0.0004	P	1.3
4	☐	125.000	126.227	6067.98	0.0011	P	1.9
5	☐	250.000	247.076	12154.49	0.0021	P	2.2
6	☐	500.000	489.127	24054.20	0.0041	P	2.9
7	☐	1000.000	1005.947	48671.78	0.0085	P	1.5
8	☐			30.49	0.0000	P	296.2

$$y = 8.4931E-006 * x - 4.9182E-006$$

$$R = 0.9999$$

$$DL = 2.612$$

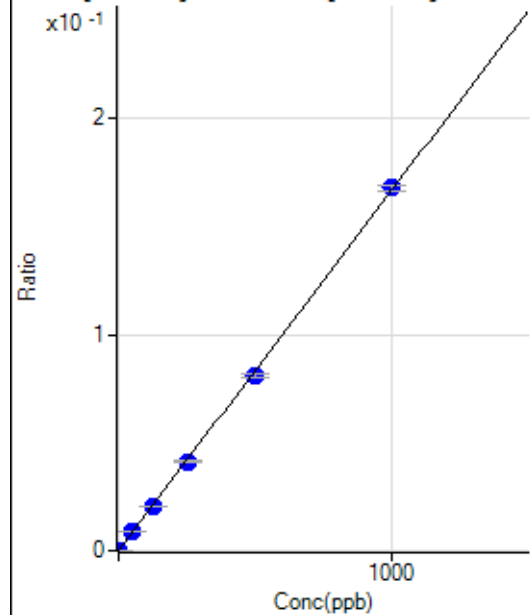
$$BEC = -0.5791$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			420.01		P	9.2
2	☐			384.46		P	6.1
3	☐			424.46		P	8.0
4	☐			380.01		P	3.2
5	☐			395.57		P	8.3
6	☐			404.45		P	7.9
7	☐			424.46		P	1.6
8	☐			407.79		P	16.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	630.59	0.0001	P	17.8
2	☐	1.000	0.994	1552.91	0.0003	P	10.9
3	☐	50.000	52.215	47394.62	0.0088	P	2.1
4	☐	125.000	122.807	116810.63	0.0205	P	1.7
5	☐	250.000	247.334	239529.64	0.0413	P	1.4
6	☐	500.000	486.487	469799.84	0.0810	P	2.9
7	☐	1000.000	1007.586	956059.59	0.1677	P	1.4
8	☐			5898.65	0.0010	P	6.7

$$y = 1.6635E-004 * x + 1.1384E-004$$

$$R = 0.9999$$

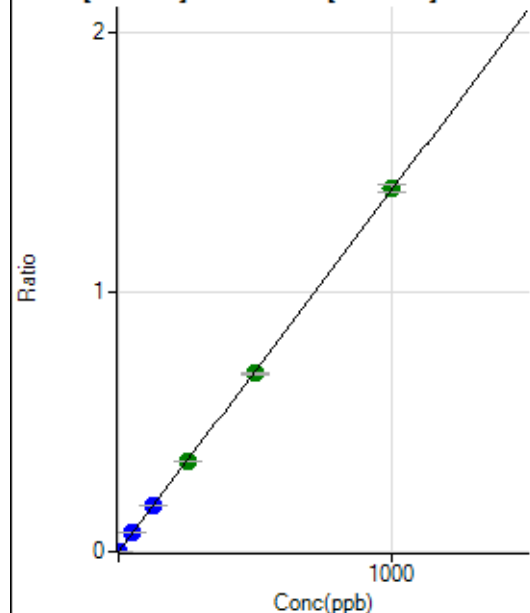
$$DL = 0.3663$$

$$BEC = 0.6843$$

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	169.45	0.0000	P	13.4
2	☐	1.000	0.861	6832.43	0.0012	P	6.7
3	☐	50.000	52.493	394029.20	0.0732	P	2.6
4	☐	125.000	127.107	1007111.42	0.1771	P	1.3
5	☐	250.000	248.337	2008841.88	0.3460	A	0.8
6	☐	500.000	492.497	3978382.86	0.6862	A	1.2
7	☐	1000.000	1003.779	7971250.87	1.3985	A	2.1
8	☐			44803.16	0.0079	P	2.3

$$y = 0.0014 * x + 3.0564E-005$$

$$R = 0.9999$$

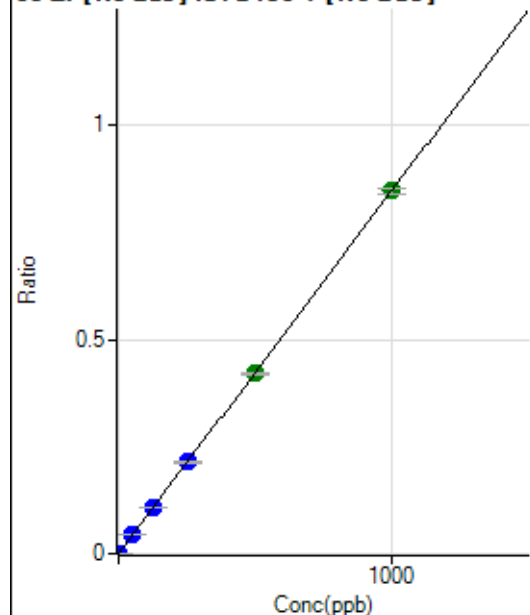
$$DL = 0.008813$$

$$BEC = 0.02194$$

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	216.67	0.0000	P	6.0
2	☐	1.000	0.914	4520.31	0.0008	P	1.9
3	☐	50.000	52.052	237536.82	0.0441	P	1.9
4	☐	125.000	127.693	614864.95	0.1081	P	0.9
5	☐	250.000	252.093	1239160.62	0.2134	P	0.8
6	☐	500.000	496.800	2438431.24	0.4206	A	1.7
7	☐	1000.000	1000.638	4828418.64	0.8471	A	1.8
8	☐			1464.01	0.0003	P	2.0

$$y = 8.4650E-004 * x + 3.9171E-005$$

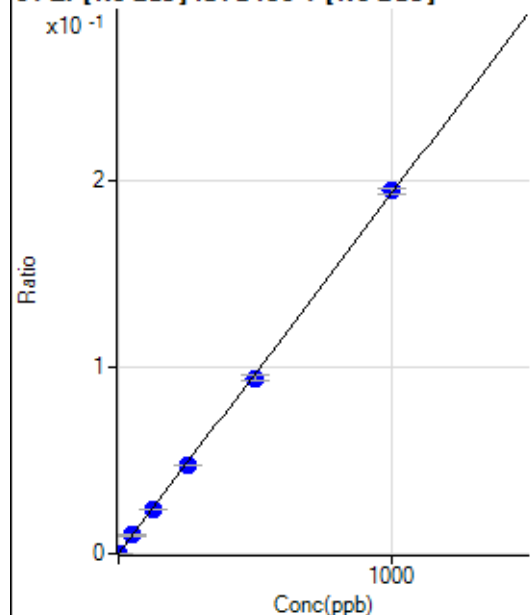
$$R = 1.0000$$

$$DL = 0.008263$$

$$BEC = 0.04627$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0000	P	9.3
2	☐	1.000	0.771	888.94	0.0002	P	12.1
3	☐	50.000	51.123	53252.14	0.0099	P	2.9
4	☐	125.000	122.918	135097.60	0.0238	P	1.1
5	☐	250.000	246.677	276759.63	0.0477	P	1.2
6	☐	500.000	486.951	545454.25	0.0941	P	3.1
7	☐	1000.000	1007.559	1109685.87	0.1947	P	1.4
8	☐			380.57	0.0001	P	5.2

$$y = 1.9320\text{E-}004 * x + 1.1049\text{E-}005$$

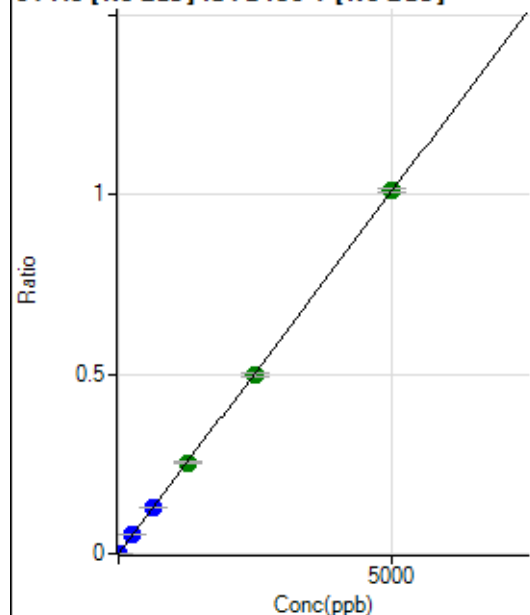
$$R = 0.9999$$

$$DL = 0.01589$$

$$BEC = 0.05719$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	80.56	0.0000	P	44.5
2	☐	5.000	4.366	4973.24	0.0009	P	2.8
3	☐	250.000	261.482	283712.71	0.0527	P	2.6
4	☐	625.000	639.215	732161.87	0.1288	P	0.5
5	☐	1250.000	1259.537	1472947.58	0.2537	A	1.4
6	☐	2500.000	2469.598	2883791.30	0.4974	A	2.4
7	☐	5000.000	5010.466	5752727.56	1.0092	A	1.2
8	☐			3658.93	0.0006	P	4.6

$$y = 2.0141\text{E-}004 * x + 1.4651\text{E-}005$$

$$R = 1.0000$$

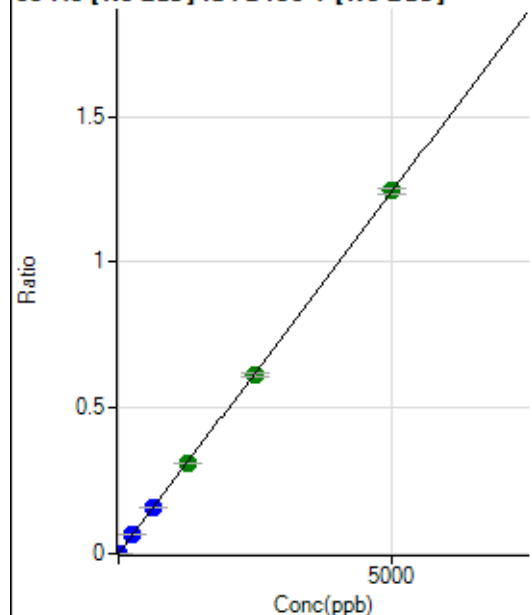
$$DL = 0.09719$$

$$BEC = 0.07274$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.45	0.0000	P	22.2
2	☐	5.000	4.534	6268.28	0.0011	P	3.7
3	☐	250.000	263.002	351323.20	0.0652	P	2.6
4	☐	625.000	632.340	891841.34	0.1568	P	0.2
5	☐	1250.000	1244.465	1792062.43	0.3087	A	0.7
6	☐	2500.000	2464.634	3544045.70	0.6113	A	2.3
7	☐	5000.000	5017.500	7093676.63	1.2445	A	1.9
8	☐			5323.36	0.0009	P	3.6

$$y = 2.4803\text{E-}004 * x + 3.5003\text{E-}006$$

$$R = 1.0000$$

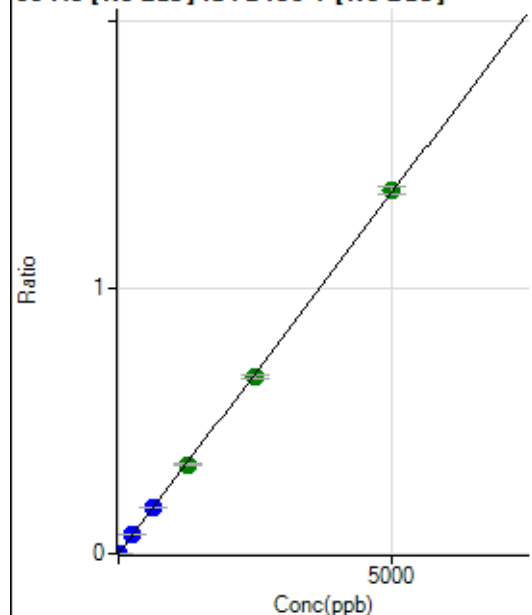
$$DL = 0.009379$$

$$BEC = 0.01411$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.78	0.0000	P	41.3
2	☐	5.000	4.315	6560.05	0.0012	P	3.2
3	☐	250.000	262.073	382728.93	0.0711	P	2.3
4	☐	625.000	639.706	986273.18	0.1735	P	1.3
5	☐	1250.000	1234.900	1943903.54	0.3348	A	1.2
6	☐	2500.000	2442.330	3839108.33	0.6622	A	2.0
7	☐	5000.000	5030.169	7773730.47	1.3638	A	2.1
8	☐			6148.72	0.0011	P	1.4

$$y = 2.7113\text{E-}004 * x + 9.5839\text{E-}006$$

$$R = 0.9999$$

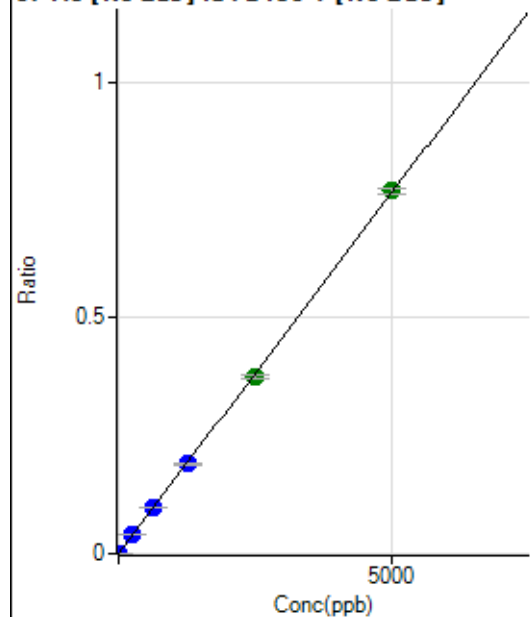
$$DL = 0.04378$$

$$BEC = 0.03535$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	2.3
2	☐	5.000	4.236	3611.69	0.0007	P	5.5
3	☐	250.000	262.190	216226.30	0.0401	P	2.0
4	☐	625.000	632.478	550657.56	0.0968	P	0.9
5	☐	1250.000	1240.540	1102773.08	0.1899	P	0.9
6	☐	2500.000	2449.585	2174560.79	0.3751	A	1.7
7	☐	5000.000	5026.029	4386770.11	0.7696	A	1.4
8	☐			3244.91	0.0006	P	7.5

$$y = 1.5311\text{E-}004 * x + 1.5051\text{E-}006$$

$$R = 0.9999$$

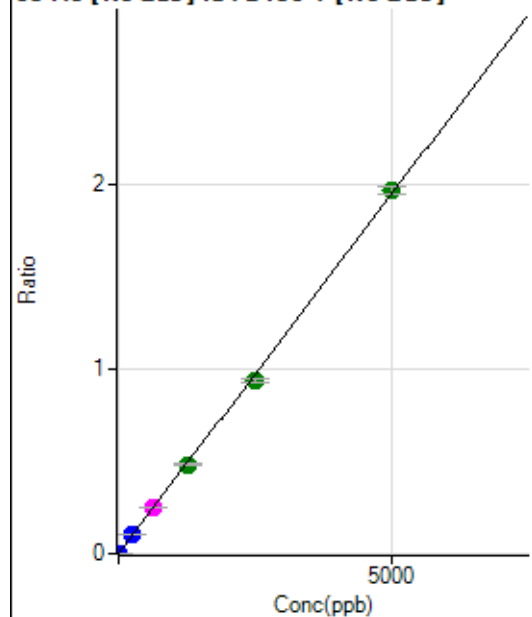
$$DL = 0.0006873$$

$$BEC = 0.00983$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0000	P	48.9
2	☐	5.000	4.348	9456.28	0.0017	P	3.4
3	☐	250.000	262.434	551807.10	0.1025	P	3.0
4	☐	625.000	636.426	1412955.66	0.2485	M	1.8
5	☐	1250.000	1237.788	2805871.66	0.4833	A	1.0
6	☐	2500.000	2411.001	5457892.27	0.9414	A	1.6
7	☐	5000.000	5045.503	11228978.46	1.9700	A	2.0
8	☐			8391.63	0.0015	P	0.5

$$y = 3.9044\text{E-}004 * x + 3.5000\text{E-}006$$

$$R = 0.9997$$

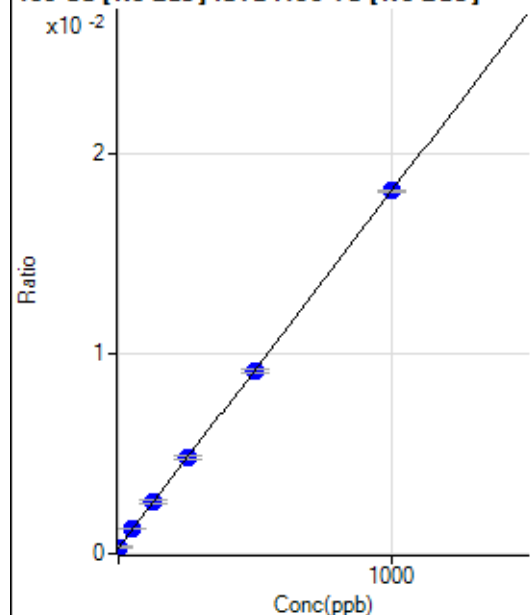
$$DL = 0.01316$$

$$BEC = 0.008964$$

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	1144.53	0.0003	P	7.3
2	☐	1.000	1.808	1261.21	0.0003	P	7.7
3	☐	50.000	52.690	4734.28	0.0012	P	5.0
4	☐	125.000	128.720	10318.08	0.0026	P	4.9
5	☐	250.000	252.957	19361.26	0.0048	P	2.8
6	☐	500.000	495.812	36727.36	0.0091	P	2.1
7	☐	1000.000	1000.754	72724.76	0.0181	P	0.5
8	☐			1369.54	0.0003	P	7.7

$$y = 1.7818\text{E-}005 * x + 2.9621\text{E-}004$$

$$R = 1.0000$$

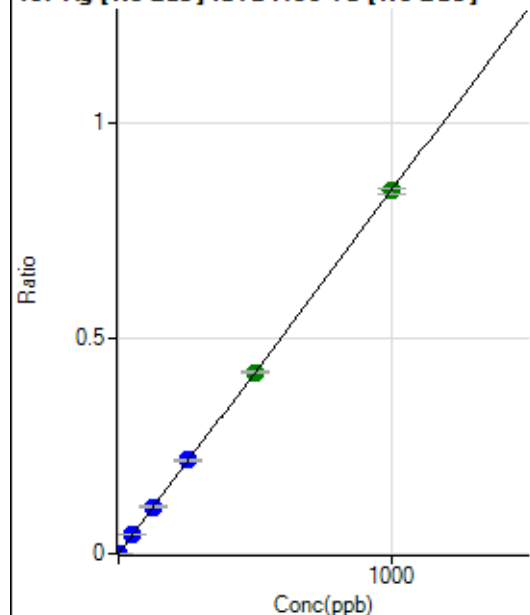
$$DL = 3.617$$

$$BEC = 16.62$$

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	75.00	0.0000	P	53.0
2	☐	1.000	0.851	2833.70	0.0007	P	3.5
3	☐	50.000	52.432	169763.38	0.0443	P	3.2
4	☐	125.000	127.924	430388.87	0.1080	P	3.1
5	☐	250.000	256.861	873856.54	0.2168	P	1.9
6	☐	500.000	498.170	1691368.49	0.4205	A	1.2
7	☐	1000.000	998.713	3381311.40	0.8429	A	1.4
8	☐			1886.29	0.0005	P	5.3

$$y = 8.4399\text{E-}004 * x + 1.9484\text{E-}005$$

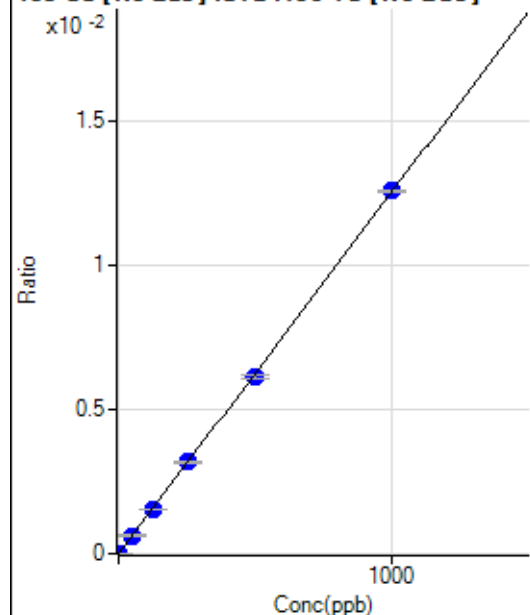
$$R = 1.0000$$

$$DL = 0.03674$$

$$BEC = 0.02309$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15.28	0.0000	P	27.1
2	☐	1.000	1.158	70.83	0.0000	P	9.8
3	☐	50.000	50.015	2412.74	0.0006	P	4.9
4	☐	125.000	122.822	6137.55	0.0015	P	2.7
5	☐	250.000	253.685	12803.28	0.0032	P	2.7
6	☐	500.000	489.469	24637.38	0.0061	P	2.4
7	☐	1000.000	1004.616	50415.23	0.0126	P	0.5
8	☐			80.56	0.0000	P	40.4

$$y = 1.2505\text{E-}005 * x + 3.9214\text{E-}006$$

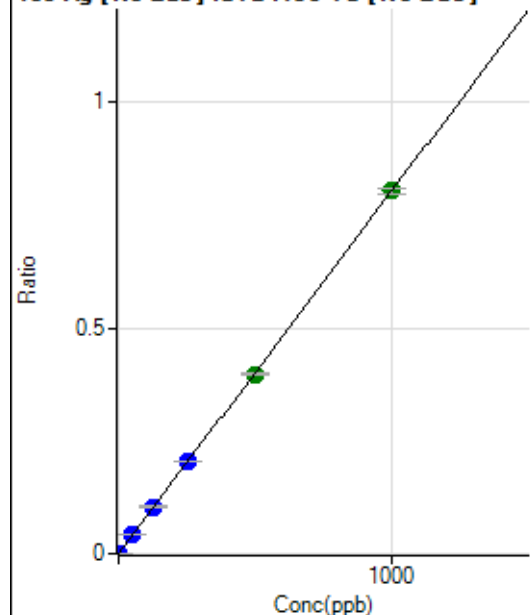
$$R = 0.9999$$

$$DL = 0.2553$$

$$BEC = 0.3136$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0000	P	70.1
2	☐	1.000	0.859	2686.43	0.0007	P	6.1
3	☐	50.000	52.037	160258.19	0.0418	P	4.0
4	☐	125.000	129.592	414846.78	0.1041	P	2.8
5	☐	250.000	254.676	824471.29	0.2045	P	1.1
6	☐	500.000	494.053	1595995.73	0.3968	A	1.2
7	☐	1000.000	1001.129	3225243.58	0.8040	A	1.3
8	☐			1741.82	0.0004	P	12.1

$$y = 8.0309\text{E-}004 * x + 9.1667\text{E-}006$$

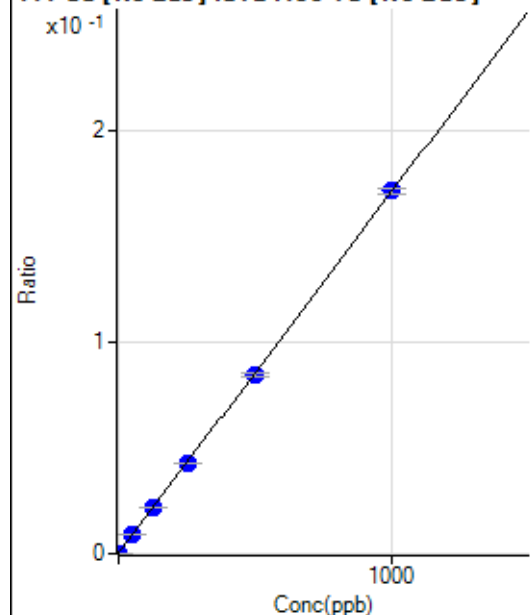
$$R = 1.0000$$

$$DL = 0.02402$$

$$BEC = 0.01141$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	804.37	0.0002	P	7.7
2	☐	1.000	1.188	1580.51	0.0004	P	3.2
3	☐	50.000	51.607	34620.24	0.0090	P	4.9
4	☐	125.000	125.865	86607.79	0.0217	P	2.4
5	☐	250.000	249.473	172769.12	0.0429	P	1.1
6	☐	500.000	493.714	340368.28	0.0846	P	1.4
7	☐	1000.000	1003.086	688768.24	0.1717	P	1.9
8	☐			1232.86	0.0003	P	6.9

$$y = 1.7097\text{E-}004 * x + 2.0818\text{E-}004$$

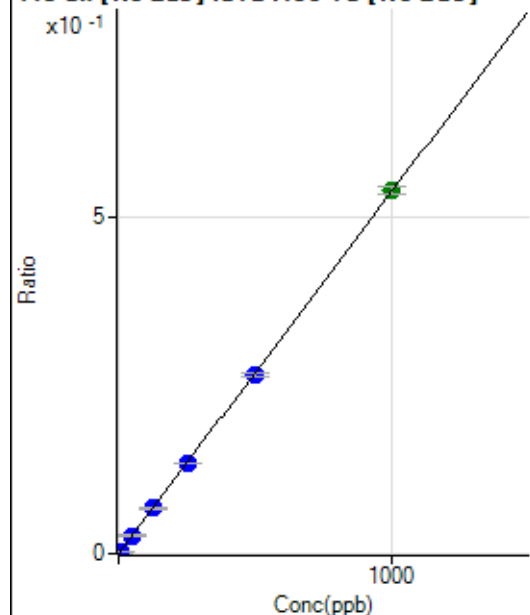
$$R = 1.0000$$

$$DL = 0.2819$$

$$BEC = 1.218$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	216.68	0.0001	P	10.4
2	☐	5.000	4.372	9245.02	0.0024	P	0.8
3	☐	50.000	50.315	103845.46	0.0271	P	2.7
4	☐	125.000	125.048	267914.11	0.0672	P	2.7
5	☐	250.000	248.948	539195.53	0.1338	P	1.0
6	☐	500.000	494.249	1067974.43	0.2655	P	1.8
7	☐	1000.000	1003.120	2161317.15	0.5388	A	2.0
8	☐			1494.57	0.0004	P	9.9

$$y = 5.3708\text{E-}004 * x + 5.6170\text{E-}005$$

$$R = 1.0000$$

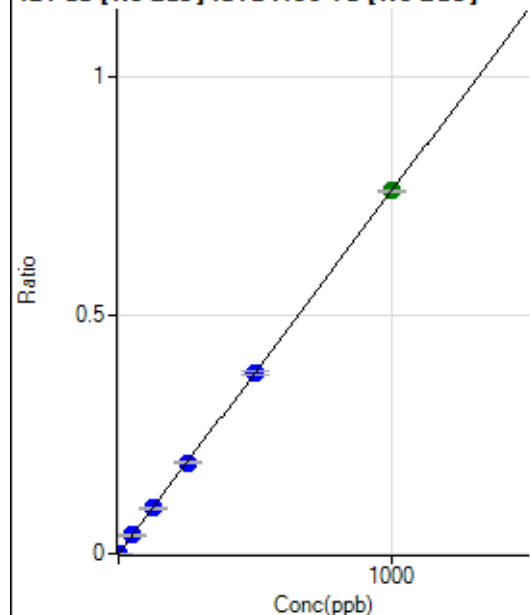
$$DL = 0.03252$$

$$BEC = 0.1046$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	38.9
2	☐	2.000	1.781	5217.81	0.0014	P	5.2
3	☐	50.000	51.156	148919.23	0.0388	P	3.2
4	☐	125.000	125.832	380743.34	0.0955	P	2.8
5	☐	250.000	251.402	769271.97	0.1908	P	0.7
6	☐	500.000	498.264	1521388.91	0.3782	P	1.4
7	☐	1000.000	1000.356	3046358.69	0.7594	A	0.4
8	☐			2589.22	0.0006	P	3.3

$$y = 7.5909\text{E-}004 * x + 5.6871\text{E-}006$$

$$R = 1.0000$$

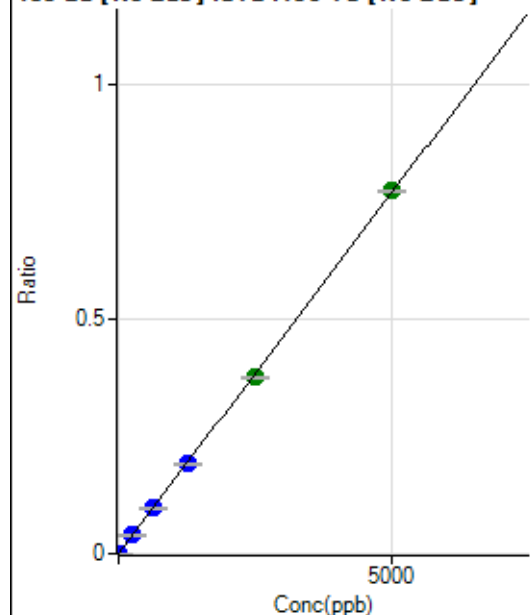
$$DL = 0.008741$$

$$BEC = 0.007492$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	74.3
2	☐	10.000	8.504	5039.94	0.0013	P	6.3
3	☐	250.000	254.111	149623.32	0.0390	P	3.6
4	☐	625.000	627.250	383854.21	0.0963	P	3.5
5	☐	1250.000	1247.635	772188.42	0.1916	P	1.6
6	☐	2500.000	2443.918	1509498.10	0.3753	A	0.7
7	☐	5000.000	5028.148	3097269.58	0.7721	A	0.8
8	☐			5737.50	0.0014	P	2.6

$$y = 1.5355\text{E-}004 * x + 5.6361\text{E-}006$$

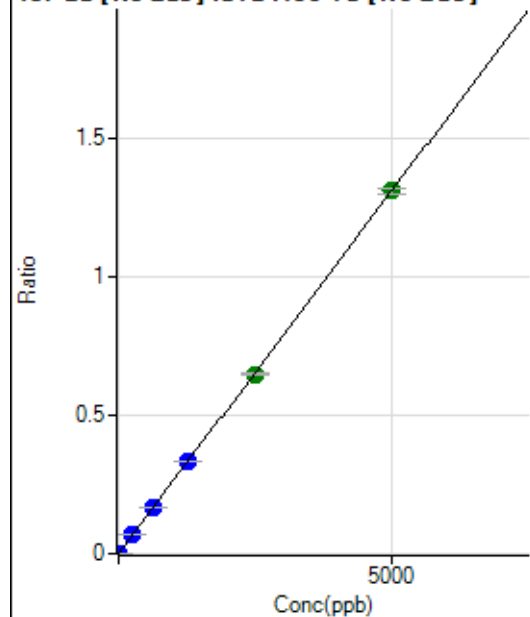
$$R = 0.9999$$

$$DL = 0.08179$$

$$BEC = 0.03671$$

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	13.89	0.0000	P	65.1
2	☐	10.000	9.095	9147.76	0.0024	P	2.5
3	☐	250.000	258.624	259081.49	0.0676	P	3.4
4	☐	625.000	634.033	660213.85	0.1656	P	2.9
5	☐	1250.000	1267.839	1335113.38	0.3312	P	1.2
6	☐	2500.000	2479.488	2605768.09	0.6478	A	1.0
7	☐	5000.000	5004.237	5244831.80	1.3074	A	1.3
8	☐			10087.39	0.0025	P	4.4

$$y = 2.6125E-004 * x + 3.5296E-006$$

$$R = 1.0000$$

$$DL = 0.02637$$

$$BEC = 0.01351$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

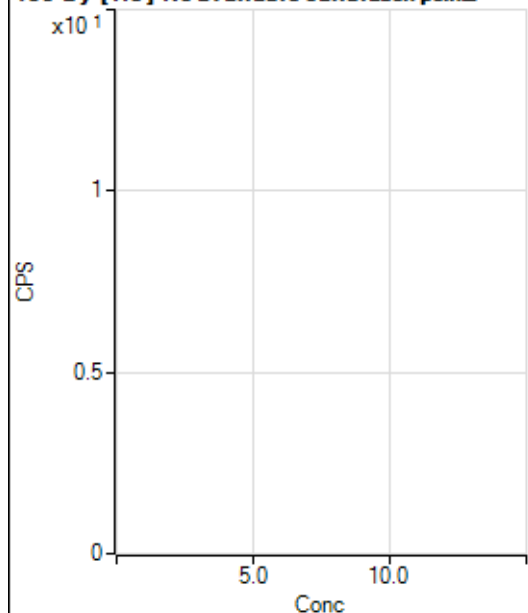
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			13.33		P	100.0
3	☐			17.78		P	43.3
4	☐			24.44		P	41.7
5	☐			44.44		P	43.3
6	☐			68.89		P	24.4
7	☐			173.34		P	10.2
8	☐			22.22		P	34.7

150 Nd [He] No available calibration points

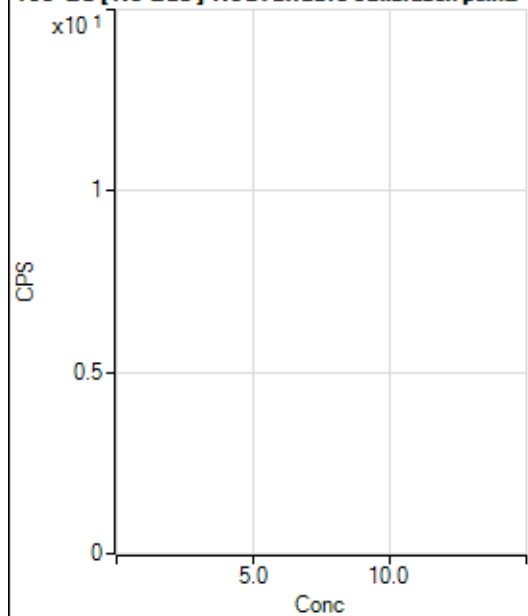
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			1.11		P	173.2
3	☐			0.00		P	
4	☐			1.11		P	173.2
5	☐			4.44		P	43.4
6	☐			5.56		P	34.7
7	☐			25.56		P	7.5
8	☐			2.22		P	86.6

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	NaN
2	☐			19.45		P	24.7
3	☐			25.00		P	115.5
4	☐			27.78		P	45.8
5	☐			50.00		P	88.2
6	☐			66.67		P	45.1
7	☐			133.34		P	10.8
8	☐			230.57		P	10.4

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐			1.11		P	173.2
3	☐			8.89		P	78.1
4	☐			6.66		P	86.6
5	☐			16.67		P	121.7
6	☐			16.67		P	69.3
7	☐			32.22		P	23.9
8	☐			94.45		P	11.3

160 Gd [No Gas] Noavailable calibration poin_

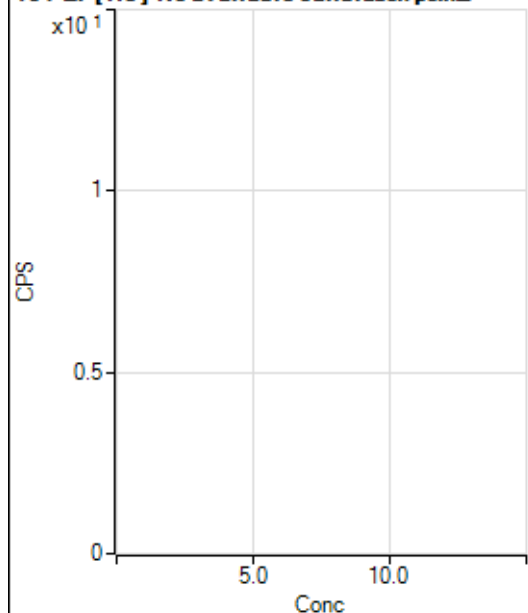
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	57.7
2	☐			38.89		P	68.9
3	☐			27.78		P	34.6
4	☐			22.22		P	21.6
5	☐			47.22		P	66.8
6	☐			44.44		P	39.0
7	☐			102.78		P	12.4
8	☐			194.45		P	4.9

160 Gd [He] No available calibration points

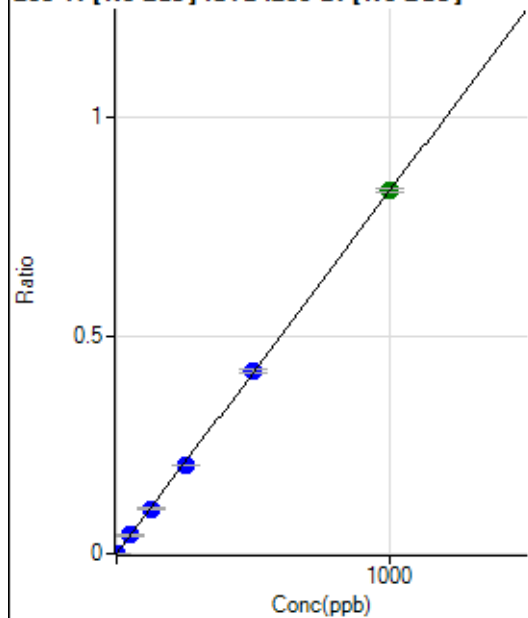
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	57.8
2	☐			8.89		P	78.1
3	☐			14.44		P	58.1
4	☐			12.22		P	31.5
5	☐			10.00		P	66.7
6	☐			33.33		P	45.8
7	☐			42.22		P	31.9
8	☐			107.78		P	1.8

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	86.6
2	☐			13.89		P	34.7
3	☐			27.78		P	17.3
4	☐			22.22		P	21.6
5	☐			38.89		P	24.7
6	☐			27.78		P	17.3
7	☐			58.33		P	65.5
8	☐			33.34		P	66.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	24.7
2	☐			6.67		P	0.0
3	☐			6.67		P	0.0
4	☐			5.55		P	69.3
5	☐			12.22		P	15.7
6	☐			15.55		P	44.6
7	☐			24.45		P	28.4
8	☐			11.11		P	34.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	52.78	0.0000	P	7.0
2	☐	1.000	0.868	1564.04	0.0007	P	7.0
3	☐	50.000	51.061	86960.40	0.0425	P	3.5
4	☐	125.000	122.933	221002.93	0.1022	P	3.0
5	☐	250.000	244.819	446900.91	0.2035	P	0.5
6	☐	500.000	501.536	885243.01	0.4168	P	2.1
7	☐	1000.000	1000.733	1769553.97	0.8316	A	1.1
8	☐			1255.65	0.0006	P	8.7

$$y = 8.3096E-004 * x + 2.5092E-005$$

$$R = 1.0000$$

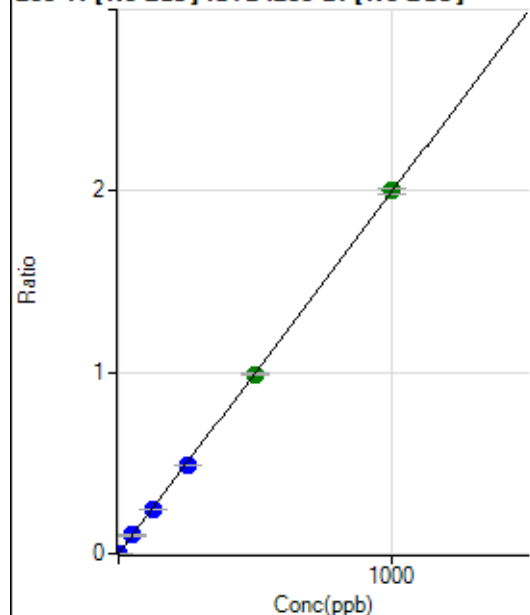
$$DL = 0.00638$$

$$BEC = 0.0302$$

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	102.78	0.0000	P	9.5
2	☐	1.000	0.871	3739.55	0.0018	P	9.2
3	☐	50.000	50.511	206305.16	0.1007	P	3.4
4	☐	125.000	122.717	529179.89	0.2446	P	2.6
5	☐	250.000	244.563	1070758.26	0.4875	P	0.5
6	☐	500.000	496.113	2100521.97	0.9889	A	0.8
7	☐	1000.000	1003.563	4256154.13	2.0003	A	1.7
8	☐			3064.34	0.0015	P	8.2

$$y = 0.0020 * x + 4.8918E-005$$

$$R = 1.0000$$

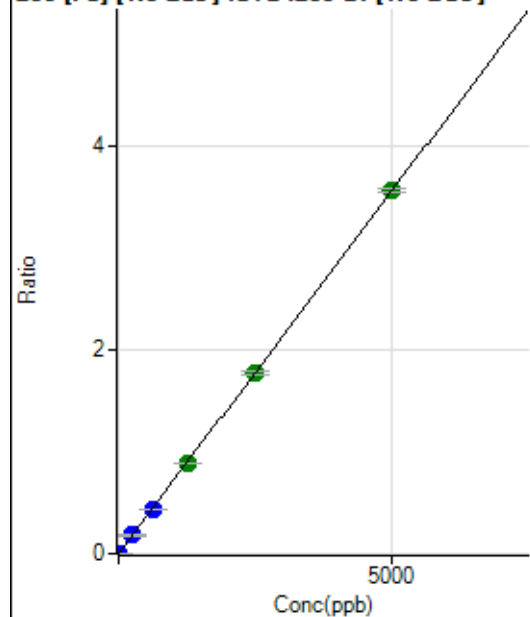
$$DL = 0.006964$$

$$BEC = 0.02454$$

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	238.90	0.0001	P	10.5
2	☐	1.000	0.793	1422.32	0.0007	P	4.9
3	☐	250.000	252.400	367974.68	0.1796	P	2.6
4	☐	625.000	609.118	937359.60	0.4333	P	2.4
5	☐	1250.000	1234.580	1928846.04	0.8781	A	0.1
6	☐	2500.000	2497.001	3772368.43	1.7760	A	1.5
7	☐	5000.000	5007.220	7577837.49	3.5612	A	1.2
8	☐			7759.85	0.0038	P	2.7

$$y = 7.1120E-004 * x + 1.1385E-004$$

$$R = 1.0000$$

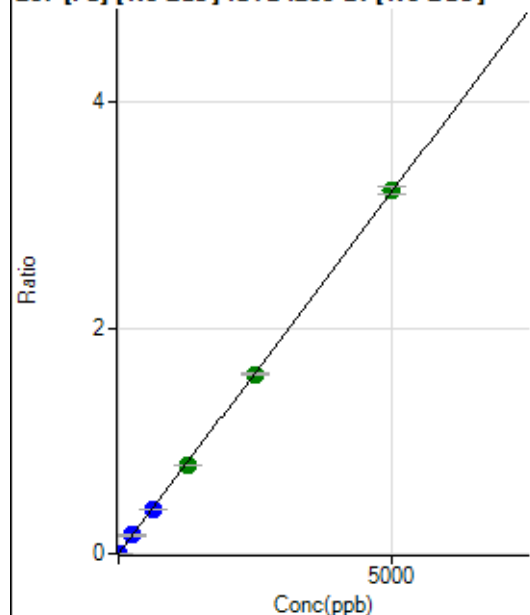
$$DL = 0.05064$$

$$BEC = 0.1601$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	233.34	0.0001	P	21.8
2	☐	1.000	0.812	1324.17	0.0006	P	7.6
3	☐	250.000	252.832	332482.69	0.1623	P	1.8
4	☐	625.000	608.882	844836.65	0.3906	P	3.3
5	☐	1250.000	1218.544	1716746.89	0.7816	A	1.3
6	☐	2500.000	2484.248	3384687.23	1.5934	A	0.5
7	☐	5000.000	5017.613	6847177.76	3.2182	A	2.0
8	☐			6790.76	0.0033	P	3.7

$$y = 6.4135\text{E-}004 * x + 1.1118\text{E-}004$$

$$R = 1.0000$$

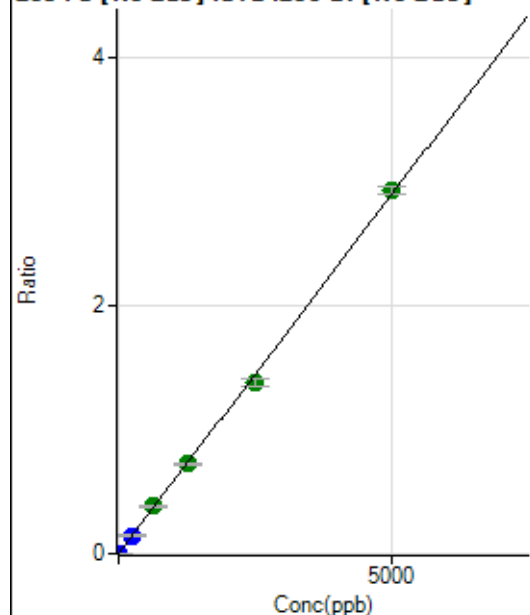
$$DL = 0.1136$$

$$BEC = 0.1734$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	146.84	0.0001	P	66.4
2	☐	1.000	0.738	1045.06	0.0005	P	18.9
3	☐	250.000	250.075	296138.30	0.1447	P	6.8
4	☐	625.000	656.992	822002.32	0.3800	A	2.8
5	☐	1250.000	1250.634	1588796.81	0.7233	A	1.5
6	☐	2500.000	2384.395	2928521.49	1.3790	A	5.5
7	☐	5000.000	5053.641	6218876.57	2.9227	A	2.2
8	☐			6429.98	0.0031	P	7.9

$$y = 5.7833\text{E-}004 * x + 6.9560\text{E-}005$$

$$R = 0.9996$$

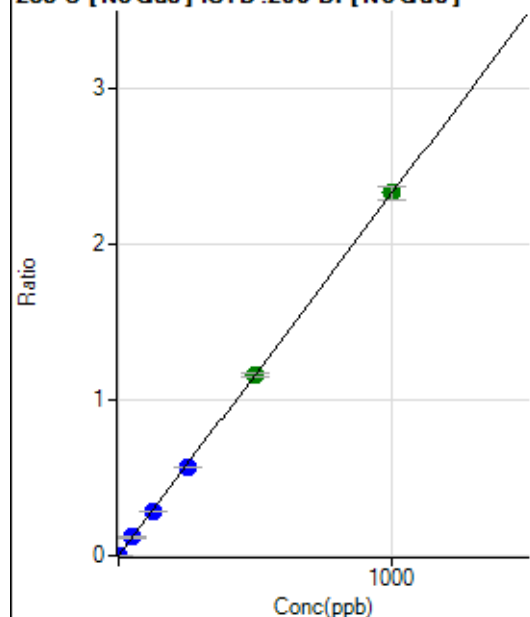
$$DL = 0.2395$$

$$BEC = 0.1203$$

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	8.33	0.0000	P	99.4
2	☐	1.000	0.839	4092.44	0.0020	P	5.9
3	☐	50.000	50.629	240727.67	0.1175	P	3.6
4	☐	125.000	122.983	617571.33	0.2855	P	2.8
5	☐	250.000	242.181	1234892.89	0.5622	P	0.0
6	☐	500.000	499.297	2462081.07	1.1591	A	1.3
7	☐	1000.000	1002.527	4951326.19	2.3273	A	3.4
8	☐			650.04	0.0003	P	9.0

$$y = 0.0023 * x + 4.0010E-006$$

$$R = 1.0000$$

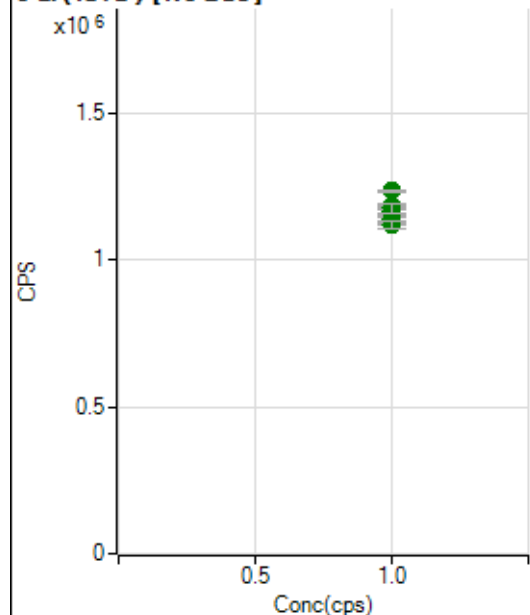
$$DL = 0.00514$$

$$BEC = 0.001724$$

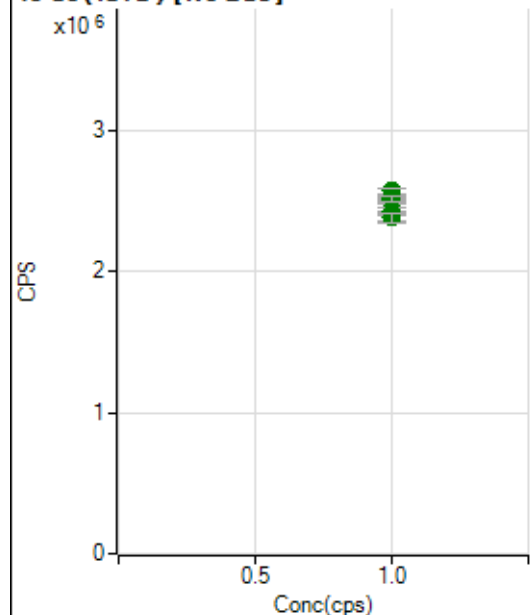
Weight: <None>

Min Conc: 0

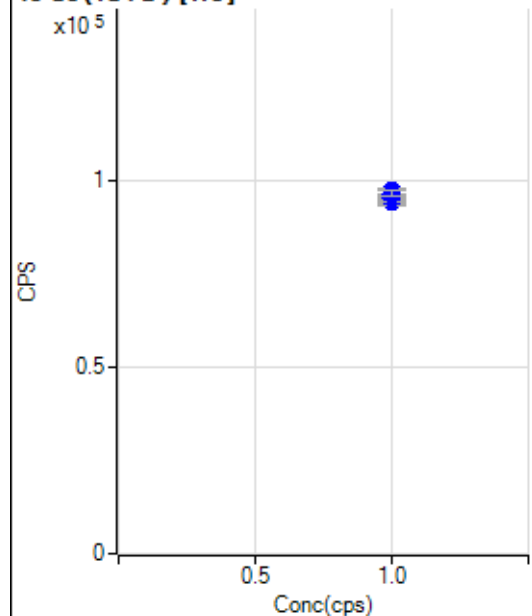
6 Li (ISTD) [No Gas]



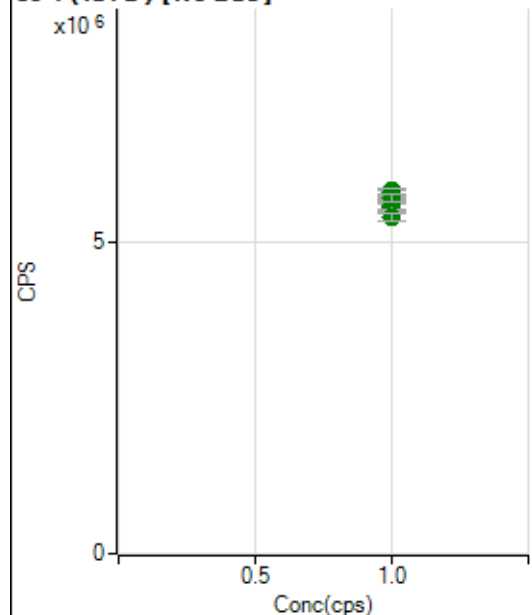
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1135390.52		A	1.5
2	☐	1.000		1138520.42		A	2.6
3	☐	1.000		1120814.28		A	2.1
4	☐	1.000		1166207.33		A	1.6
5	☐	1.000		1185139.66		A	0.2
6	☐	1.000		1184176.09		A	0.6
7	☐	1.000		1177233.46		A	2.8
8	☐	1.000		1236537.21		A	0.8

45 Sc (ISTD) [No Gas]

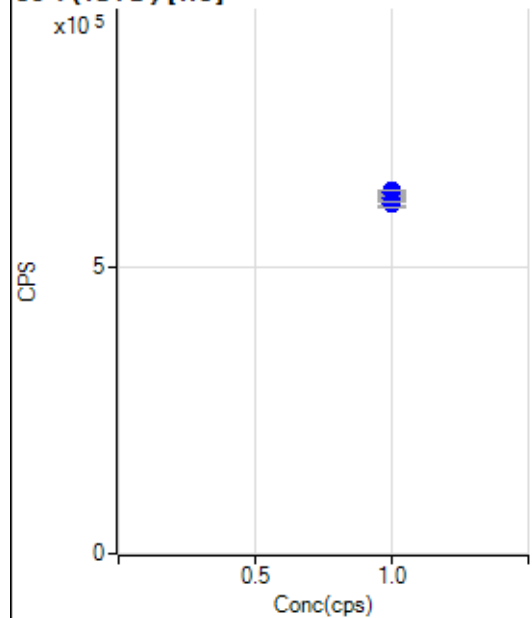
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2392115.59		A	2.4
2	☐	1.000		2423899.91		A	2.1
3	☐	1.000		2379828.94		A	3.0
4	☐	1.000		2499636.39		A	1.0
5	☐	1.000		2571650.69		A	1.3
6	☐	1.000		2510043.66		A	1.4
7	☐	1.000		2508264.89		A	2.3
8	☐	1.000		2515727.43		A	1.5

45 Sc (ISTD) [He]

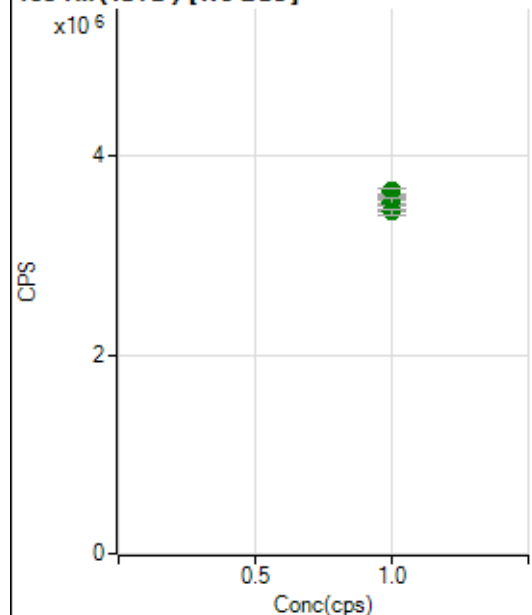
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		94907.48		P	1.4
2	☐	1.000		94791.25		P	1.1
3	☐	1.000		94289.03		P	1.5
4	☐	1.000		94315.09		P	1.6
5	☐	1.000		96557.36		P	2.2
6	☐	1.000		95523.21		P	2.0
7	☐	1.000		97277.84		P	1.5
8	☐	1.000		96625.32		P	1.4

89 Y (ISTD) [No Gas]

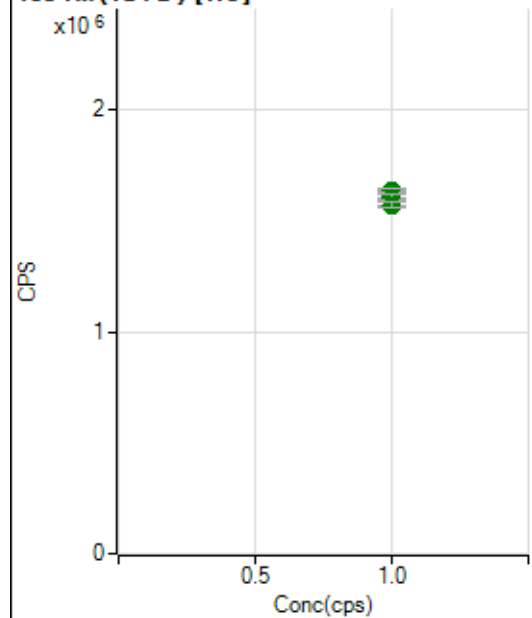
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5536374.36		A	2.4
2	☐	1.000		5560341.31		A	2.2
3	☐	1.000		5387632.84		A	2.4
4	☐	1.000		5686208.95		A	0.2
5	☐	1.000		5805775.54		A	0.0
6	☐	1.000		5798563.59		A	1.3
7	☐	1.000		5700767.00		A	1.0
8	☐	1.000		5691776.03		A	1.9

89 Y (ISTD) [He]

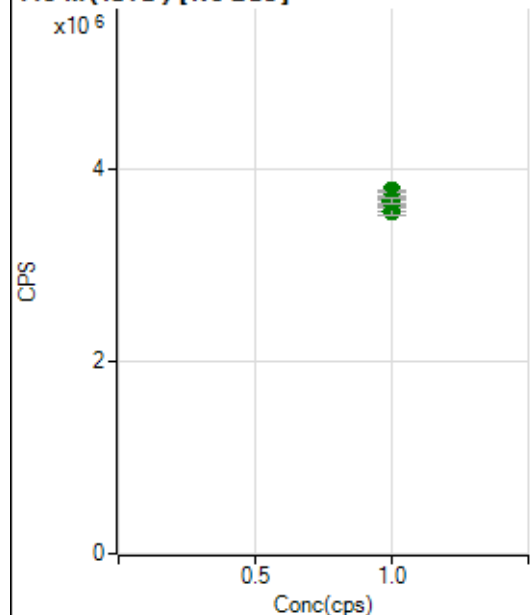
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		618463.49		P	1.4
2	☐	1.000		616502.32		P	2.8
3	☐	1.000		611566.55		P	2.0
4	☐	1.000		619484.74		P	0.9
5	☐	1.000		625227.69		P	2.3
6	☐	1.000		620185.92		P	2.0
7	☐	1.000		630235.27		P	1.6
8	☐	1.000		633349.86		P	0.1

103 Rh (ISTD) [No Gas]

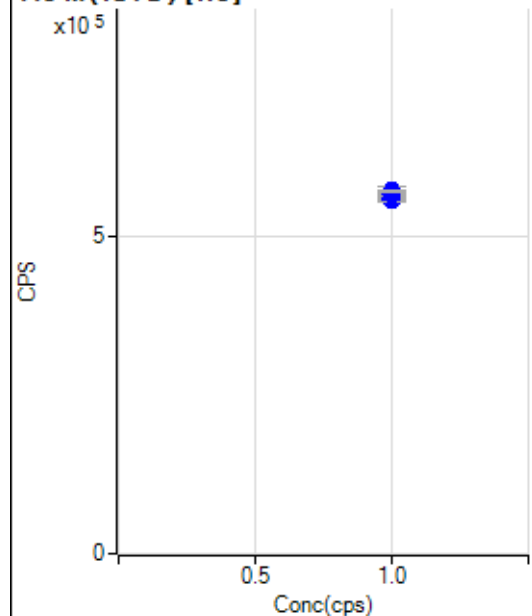
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3511590.70		A	0.7
2	☐	1.000		3514846.61		A	2.7
3	☐	1.000		3467743.96		A	1.8
4	☐	1.000		3642703.94		A	2.2
5	☐	1.000		3651040.66		A	1.7
6	☐	1.000		3578839.10		A	1.0
7	☐	1.000		3543384.50		A	2.0
8	☐	1.000		3442523.08		A	1.6

103 Rh (ISTD) [He]

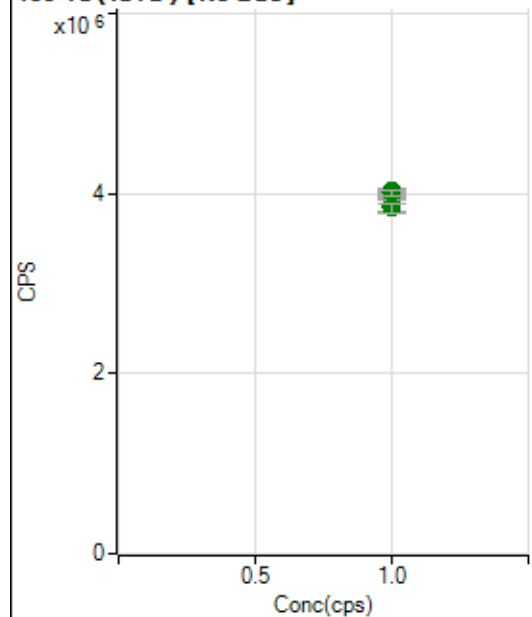
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1609931.00		A	1.2
2	☐	1.000		1621964.86		A	2.4
3	☐	1.000		1597243.85		A	0.8
4	☐	1.000		1602400.85		A	2.0
5	☐	1.000		1634388.78		A	1.0
6	☐	1.000		1582100.20		A	2.3
7	☐	1.000		1605570.62		A	1.9
8	☐	1.000		1569764.16		A	1.5

115 In (ISTD) [No Gas]

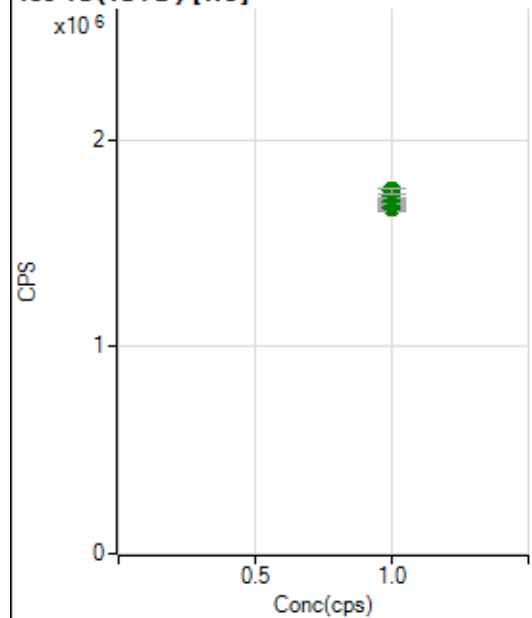
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3647971.51		A	2.6
2	☐	1.000		3637062.28		A	3.8
3	☐	1.000		3563813.39		A	2.3
4	☐	1.000		3668324.55		A	2.7
5	☐	1.000		3778125.17		A	0.8
6	☐	1.000		3734278.72		A	2.0
7	☐	1.000		3688989.52		A	2.4
8	☐	1.000		3669074.14		A	1.7

115 In (ISTD) [He]

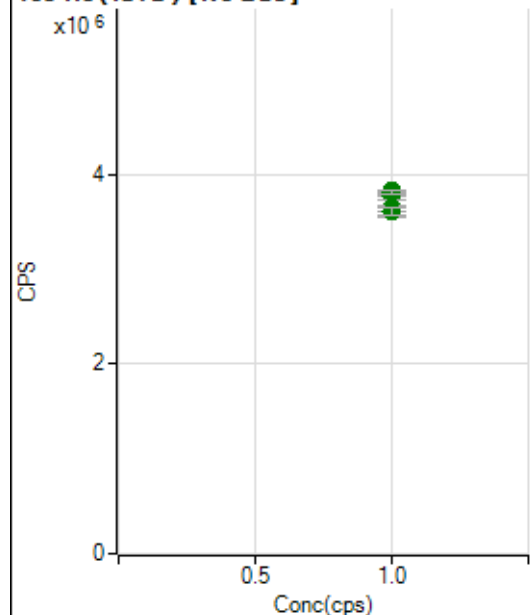
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		566066.64		P	1.2
2	☐	1.000		564138.17		P	2.9
3	☐	1.000		556406.25		P	1.3
4	☐	1.000		565056.63		P	0.5
5	☐	1.000		570619.11		P	2.1
6	☐	1.000		559566.74		P	1.8
7	☐	1.000		565905.00		P	0.9
8	☐	1.000		569788.22		P	0.7

159 Tb (ISTD) [No Gas]

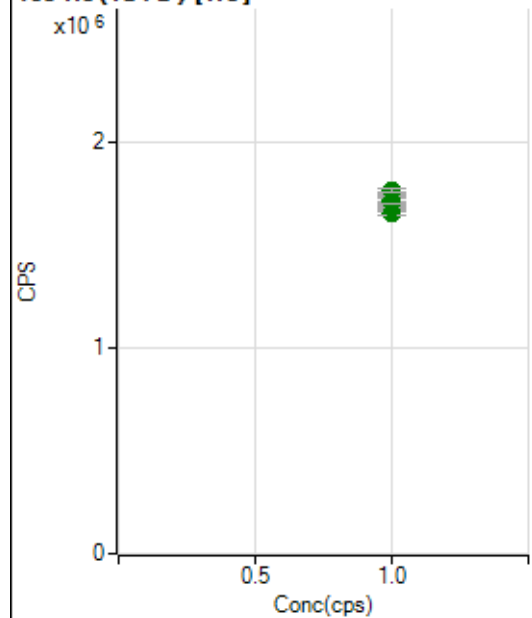
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3868104.87		A	4.0
2	☐	1.000		3845350.50		A	2.6
3	☐	1.000		3836351.36		A	2.4
4	☐	1.000		3987884.14		A	2.9
5	☐	1.000		4031091.50		A	1.0
6	☐	1.000		4022546.75		A	0.5
7	☐	1.000		4011806.88		A	1.0
8	☐	1.000		4008761.95		A	1.8

159 Tb (ISTD) [He]

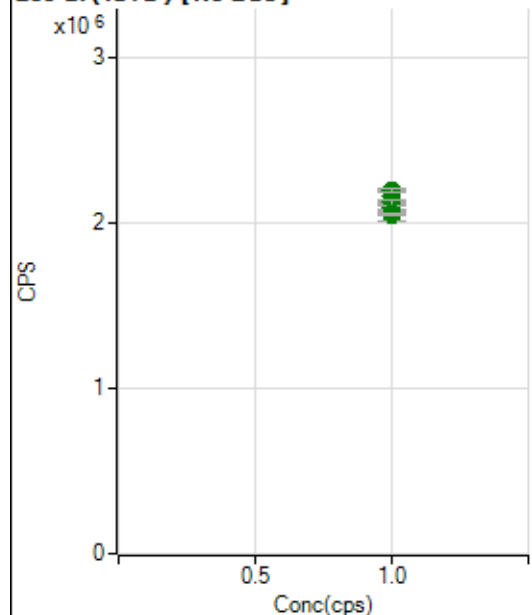
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1688255.18		A	1.7
2	☐	1.000		1679403.41		A	2.5
3	☐	1.000		1669134.64		A	1.5
4	☐	1.000		1669665.95		A	1.5
5	☐	1.000		1693868.34		A	1.5
6	☐	1.000		1701522.28		A	1.9
7	☐	1.000		1726264.33		A	1.3
8	☐	1.000		1751750.72		A	1.9

165 Ho (ISTD) [No Gas]

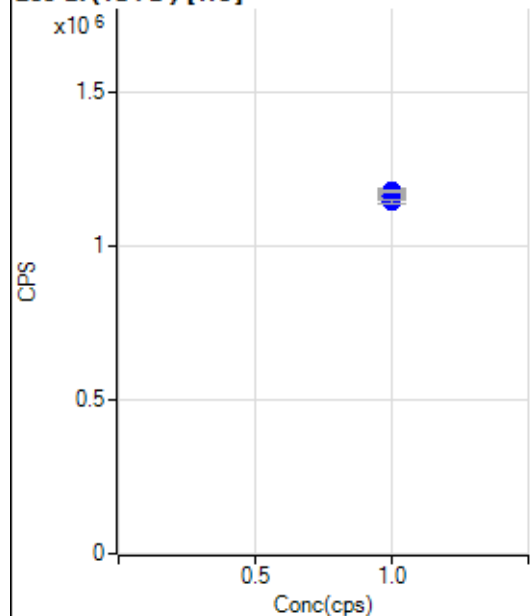
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3640368.92		A	1.6
2	☐	1.000		3607985.41		A	3.6
3	☐	1.000		3610672.26		A	2.4
4	☐	1.000		3768174.61		A	2.3
5	☐	1.000		3822835.07		A	0.1
6	☐	1.000		3769274.04		A	0.3
7	☐	1.000		3773795.31		A	2.2
8	☐	1.000		3805520.31		A	1.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1708429.12		A	2.4
2	☐	1.000		1689080.50		A	1.9
3	☐	1.000		1655507.23		A	0.9
4	☐	1.000		1683636.05		A	0.7
5	☐	1.000		1722010.42		A	2.4
6	☐	1.000		1713701.74		A	1.9
7	☐	1.000		1743629.29		A	0.7
8	☐	1.000		1762642.18		A	1.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2101550.84		A	2.2
2	☐	1.000		2099069.57		A	3.6
3	☐	1.000		2049850.21		A	3.5
4	☐	1.000		2164282.36		A	3.2
5	☐	1.000		2196494.65		A	0.9
6	☐	1.000		2124252.73		A	0.8
7	☐	1.000		2128173.14		A	1.9
8	☐	1.000		2057972.14		A	0.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1156081.62		P	1.0
2	☐	1.000		1152325.33		P	2.3
3	☐	1.000		1146372.01		P	1.5
4	☐	1.000		1157907.54		P	0.2
5	☐	1.000		1180129.91		P	1.9
6	☐	1.000		1161111.23		P	2.3
7	☐	1.000		1177003.83		P	0.4
8	☐	1.000		1145180.20		P	0.7

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8120320 MS.b
Acq. Date-Time 2020-12-03 13:46:14
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		2402	24016.19			1.546	5.000
24		31943	319427.39			1.640	5.000
25		4286	42864.05			1.560	5.000
26		4779	47792.30			1.532	5.000
59		17612	176123.25			1.295	5.000
113		2787	27873.66			1.798	5.000
115		8845	88452.18			2.268	5.000
206		2840	28398.02			1.986	5.000
207		2386	23863.60			2.119	5.000
208		5858	58580.84			2.092	5.000
220		1	9.20			17.442	

Mass	RSD% (Flag)
9	
24	
25	
26	
59	
113	
115	
206	
207	
208	
220	

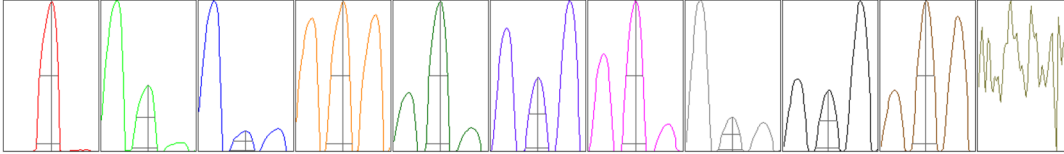
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	2416	2410	2441	2401	2341
24	31929	32160	32400	32171	31054
25	4313	4289	4350	4306	4174
26	4811	4829	4793	4814	4650
59	17700	17553	17755	17812	17242
113	2776	2781	2812	2852	2716
115	9002	8888	8919	8922	8494
206	2801	2834	2922	2863	2778
207	2363	2376	2447	2426	2321
208	5809	5814	6024	5935	5709

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	1	1	1	1	1

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	4386.53	9.05	8.90 - 9.10	
24	56727.23	24.00	23.90 - 24.10	
25	7427.83	25.00	24.90 - 25.10	
26	8413.70	26.00	25.90 - 26.10	
59	32444.92	59.00	58.90 - 59.10	
113	5514.49	113.00	112.90 - 113.10	
115	17387.66	115.05	114.90 - 115.10	
206	5371.56	206.00	205.90 - 206.10	
207	4492.34	206.95	206.90 - 207.10	
208	11177.98	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.739	0.900	
24	0.59	0.786	0.900	
25	0.61	0.783	0.900	
26	0.60	0.819	0.900	
59	0.58	0.739	0.900	
113	0.53	0.731	0.900	
115	0.52	0.760	0.900	
206	0.55	0.768	0.900	
207	0.55	0.762	0.900	
208	0.55	0.776	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode HMI Nebulizer Gas 0.52 L/min Dilution Gas 0.46 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.1 V	Deflect	15.4 V
Extract 2	-215.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-105 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	190 V		

QP Parameters

Mass Gain	122	Axis Gain	0.9991	QP Bias	-4.0 V
Mass Offset	124	Axis Offset	-0.02		

Hardware Settings

Torch

Torch H	0.8 mm	Torch V	-0.6 mm
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EM

Discriminator	3.9 mV	Analog HV	2180 V	Pulse HV	1331 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		4173	41731.50			1.344	
89		9472	94724.61			1.102	
205		7185	71854.55			2.151	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	4162	4183	4086	4237	4199
89	9498	9486	9299	9583	9496
205	7273	7130	6967	7377	7180

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.52 L/min	Dilution Gas	0.46 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.1 V	Deflect	4.6 V
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US EPA Tune Check Report

Extract 2	-215.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-105 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	122	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	-0.02		
Hardware Settings					
Torch					
Torch H	0.8 mm	Torch V	-0.6 mm		
EM					
Discriminator	3.9 mV	Analog HV	2180 V	Pulse HV	1331 V

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:12:06	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.10	1.60	-0.50	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.02	-0.03	0.01	0.00	N/A	ppb
Barium	135-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Barium	137-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Beryllium	9-1	-0.04	0.03	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	0.09	0.02	-0.11	0.00	N/A	ppb
Boron	10-1	-0.28	0.18	0.10	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	106-1	1.37	-0.47	-0.90	0.00	N/A	ppb
Cadmium	108-1	-0.05	-0.05	0.10	0.00	N/A	ppb
Cadmium	111-1	0.11	-0.04	-0.07	0.00	N/A	ppb
Calcium	43-1	3.05	-0.88	-2.17	0.00	N/A	ppb
Calcium	44-1	4.64	0.91	-5.55	0.00	N/A	ppb
Chromium	52-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	N/A	ppb
Copper	63-2	0.10	-0.03	-0.07	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	54-2	2.14	-1.56	-0.58	0.00	N/A	ppb
Iron	56-2	0.11	-0.22	0.11	0.00	N/A	ppb
Iron	57-2	-1.58	0.48	1.10	0.00	N/A	ppb
Krypton	83-1						cps
Lead	207-1	-0.01	0.04	-0.03	0.00	N/A	ppb
Lead	208-1	0.01	-0.09	0.07	0.00	N/A	ppb
Lead	206-1	0.02	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:12:06	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	-1.20	0.52	0.68	0.00	N/A	ppb
Manganese	55-2	0.00	0.07	-0.07	0.00	N/A	ppb
Molybdenum	94-1	0.03	0.01	-0.04	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.02	0.00	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	0.11	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-57.67	6.62	100.61	16.52	481.93	ppb
Potassium	39-2	1.06	-11.17	10.11	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-1.49	2.98	-1.49	0.00	N/A	ppb
Selenium	78-2	-0.40	1.49	-1.08	0.00	N/A	ppb
Selenium	82-1	-0.58	-0.42	1.00	0.00	N/A	ppb
Silicon	28-1	2.72	7.56	-10.28	0.00	N/A	ppb
Silver	109-1	0.00	-0.01	0.01	0.00	N/A	ppb
Silver	107-1	-0.01	0.01	0.00	0.00	N/A	ppb
Sodium	23-2	-2.51	-1.88	4.39	0.00	N/A	ppb
Strontium	86-1	0.10	-0.13	0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	1291.57	338.44	-1096.00	178.01	675.17	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	0.01	0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	0.09	-0.17	0.07	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:12:06	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.26	-0.36	0.10	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	N/A	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:15:18	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.69	16.70	15.92	17.10	8.37	ppb
Antimony	121-1	1.68	1.81	1.86	1.78	5.22	ppb
Arsenic	75-2	0.93	0.95	0.83	0.90	6.91	ppb
Barium	135-1	7.89	8.87	8.75	8.50	6.31	ppb
Barium	137-1	9.13	8.85	9.30	9.10	2.50	ppb
Beryllium	9-1	0.86	0.90	0.96	0.90	5.66	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	16.74	20.53	22.22	19.83	14.16	ppb
Boron	10-1	18.49	20.42	22.60	20.50	10.03	ppb
Bromine	81-1						cps
Cadmium	106-1	0.96	1.03	3.44	1.81	78.11	ppb
Cadmium	108-1	1.13	1.31	1.03	1.16	12.46	ppb
Cadmium	111-1	1.18	1.11	1.27	1.19	6.54	ppb
Calcium	43-1	417.84	444.77	448.37	436.99	3.82	ppb
Calcium	44-1	422.82	430.78	448.18	433.93	2.99	ppb
Chromium	52-2	1.58	1.91	1.73	1.74	9.39	ppb
Cobalt	59-2	0.86	0.93	0.96	0.92	5.74	ppb
Copper	63-2	2.10	2.12	2.06	2.09	1.58	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				99		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	45.96	49.78	47.29	47.68	4.07	ppb
Iron	56-2	45.88	46.94	48.29	47.03	2.57	ppb
Iron	57-2	44.26	53.35	47.37	48.33	9.56	ppb
Krypton	83-1						cps
Lead	207-1	0.77	0.77	0.90	0.81	9.17	ppb
Lead	208-1	0.62	0.92	0.67	0.74	21.93	ppb
Lead	206-1	0.83	0.74	0.81	0.79	5.91	ppb

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 14:15:18 DataFile Name : 004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	457.09	458.72	476.12	463.98	2.27	ppb
Manganese	55-2	0.85	0.82	0.98	0.88	9.52	ppb
Molybdenum	94-1	4.42	4.45	4.22	4.37	2.89	ppb
Molybdenum	95-1	4.38	4.50	4.72	4.53	3.76	ppb
Molybdenum	96-1	4.30	4.46	4.19	4.31	3.22	ppb
Molybdenum	97-1	4.01	4.22	4.48	4.24	5.48	ppb
Molybdenum	98-1	4.41	4.18	4.46	4.35	3.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	0.86	0.74	0.86	13.60	ppb
Phosphorus	31-2	-41.34	-14.89	6.68	-16.52		ppb
Potassium	39-2	411.05	434.75	485.88	443.89	8.62	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	11.70	7.66	0.83	6.73	81.64	ppb
Selenium	78-2	5.07	4.63	8.59	6.10	35.62	ppb
Selenium	82-1	5.54	5.73	6.30	5.86	6.72	ppb
Silicon	28-1	-13.40	-2.64	3.84	-4.06		ppb
Silver	109-1	0.83	0.83	0.92	0.86	6.16	ppb
Silver	107-1	0.83	0.84	0.88	0.85	3.56	ppb
Sodium	23-2	423.45	451.67	446.03	440.38	3.39	ppb
Strontium	86-1	1.14	0.79	1.06	0.99	18.45	ppb
Strontium	88-1	0.79	0.88	0.91	0.86	6.85	ppb
Sulfur	34-1	-871.46	-528.72	866.16	-178.01		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.86	0.81	0.94	0.87	7.29	ppb
Thallium	205-1	0.89	0.78	0.94	0.87	9.44	ppb
Tin	118-1	4.34	4.37	4.41	4.37	0.84	ppb
Titanium	47-1	4.04	4.54	4.29	4.29	5.84	ppb
Uranium	238-1	0.79	0.84	0.89	0.84	5.92	ppb
Vanadium	51-2	4.40	4.46	4.44	4.43	0.74	ppb
Yttrium	89-1				100		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:15:18	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	1.37	2.06	1.75	1.73	20.09	ppb
Zirconium	90-1	0.91	0.90	0.94	0.91	2.02	ppb
Zirconium	91-1	0.79	0.66	0.86	0.77	12.99	ppb

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 14:18:27 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1003.63	1017.00	983.93	1001.52	1.66	ppb
Antimony	121-1	49.25	52.19	52.03	51.16	3.24	ppb
Arsenic	75-2	52.42	49.88	48.68	50.33	3.79	ppb
Barium	135-1	243.96	257.01	261.36	254.11	3.56	ppb
Barium	137-1	249.60	259.06	267.21	258.62	3.41	ppb
Beryllium	9-1	49.46	52.51	51.11	51.03	3.00	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	11-1	44.39	52.06	53.91	50.12	10.07	ppb
Boron	10-1	42.24	51.62	53.09	48.98	12.02	ppb
Bromine	81-1						cps
Cadmium	106-1	48.91	53.35	55.81	52.69	6.64	ppb
Cadmium	108-1	47.81	49.54	52.70	50.02	4.96	ppb
Cadmium	111-1	48.68	52.53	53.60	51.61	5.02	ppb
Calcium	43-1	4966.62	5218.88	5213.75	5133.08	2.81	ppb
Calcium	44-1	4966.06	5289.99	5198.82	5151.62	3.24	ppb
Chromium	52-2	48.75	50.43	49.77	49.65	1.71	ppb
Cobalt	59-2	50.59	51.61	50.14	50.78	1.48	ppb
Copper	63-2	519.16	521.46	508.01	516.21	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	2771.25	2734.60	2730.22	2745.36	0.82	ppb
Iron	56-2	2743.02	2738.04	2696.93	2726.00	0.93	ppb
Iron	57-2	2698.84	2640.72	2628.35	2655.97	1.42	ppb
Krypton	83-1						cps
Lead	207-1	247.70	254.77	256.03	252.83	1.77	ppb
Lead	208-1	230.60	261.90	257.73	250.07	6.80	ppb
Lead	206-1	245.00	255.40	256.80	252.40	2.55	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:18:27	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	5299.84	5367.69	5197.26	5288.27	1.62	ppb
Manganese	55-2	508.38	505.58	495.44	503.13	1.35	ppb
Molybdenum	94-1	253.89	266.41	264.15	261.48	2.55	ppb
Molybdenum	95-1	255.09	266.27	267.64	263.00	2.62	ppb
Molybdenum	96-1	255.10	264.93	266.18	262.07	2.31	ppb
Molybdenum	97-1	256.28	265.86	264.44	262.19	1.97	ppb
Molybdenum	98-1	253.43	266.15	267.72	262.43	2.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.67	49.86	49.93	49.82	0.27	ppb
Phosphorus	31-2	1010.83	809.19	1045.03	955.01	13.34	ppb
Potassium	39-2	2548.83	2607.50	2559.02	2571.79	1.22	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	54.09	72.39	40.99	55.82	28.25	ppb
Selenium	78-2	52.95	46.96	50.19	50.03	5.98	ppb
Selenium	82-1	50.50	51.62	51.63	51.25	1.27	ppb
Silicon	28-1	26.67	60.08	56.31	47.69	38.38	ppb
Silver	109-1	49.99	52.00	54.12	52.04	3.97	ppb
Silver	107-1	51.02	52.01	54.27	52.43	3.17	ppb
Sodium	23-2	5189.71	5265.24	5151.14	5202.03	1.12	ppb
Strontium	86-1	51.00	53.22	52.42	52.22	2.15	ppb
Strontium	88-1	51.07	52.59	53.82	52.49	2.62	ppb
Sulfur	34-1	-584.54	2974.06	2516.25	1635.26	118.39	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	49.21	51.22	52.75	51.06	3.48	ppb
Thallium	205-1	48.51	51.45	51.58	50.51	3.44	ppb
Tin	118-1	48.78	51.41	50.76	50.31	2.73	ppb
Titanium	47-1	240.91	257.41	254.07	250.79	3.48	ppb
Uranium	238-1	48.52	51.53	51.84	50.63	3.63	ppb
Vanadium	51-2	50.88	49.93	49.66	50.16	1.27	ppb
Yttrium	89-1				97		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:18:27	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	511.27	507.65	506.22	508.38	0.51	ppb
Zirconium	90-1	51.01	52.24	52.91	52.05	1.85	ppb
Zirconium	91-1	49.60	52.51	51.26	51.12	2.86	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:21:38	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2504.47	2574.71	2550.39	2543.19	1.40	ppb
Antimony	121-1	129.15	126.26	122.08	125.83	2.82	ppb
Arsenic	75-2	121.72	123.75	126.33	123.93	1.87	ppb
Barium	135-1	645.74	633.42	602.60	627.25	3.54	ppb
Barium	137-1	646.41	642.76	612.92	634.03	2.90	ppb
Beryllium	9-1	129.32	124.91	125.34	126.52	1.92	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	11-1	116.13	123.34	128.22	122.56	4.96	ppb
Boron	10-1	114.78	125.27	132.74	124.26	7.26	ppb
Bromine	81-1						cps
Cadmium	106-1	132.77	132.95	120.44	128.72	5.57	ppb
Cadmium	108-1	124.40	125.06	119.00	122.82	2.71	ppb
Cadmium	111-1	127.08	128.09	122.42	125.86	2.40	ppb
Calcium	43-1	12641.89	12624.26	12330.95	12532.37	1.39	ppb
Calcium	44-1	12782.54	12410.00	12186.44	12459.66	2.42	ppb
Chromium	52-2	124.36	126.62	125.25	125.41	0.91	ppb
Cobalt	59-2	125.39	127.54	128.16	127.03	1.14	ppb
Copper	63-2	1266.68	1298.83	1302.09	1289.20	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	6733.13	6937.62	6969.62	6880.12	1.86	ppb
Iron	56-2	6629.66	6905.21	6809.07	6781.31	2.06	ppb
Iron	57-2	6522.57	6815.82	6722.15	6686.84	2.24	ppb
Krypton	83-1						cps
Lead	207-1	631.21	603.35	592.09	608.88	3.31	ppb
Lead	208-1	671.82	662.94	636.22	656.99	2.82	ppb
Lead	206-1	625.14	605.34	596.87	609.12	2.38	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:21:38	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	12910.15	13336.02	13281.55	13175.90	1.76	ppb
Manganese	55-2	1238.86	1287.00	1269.53	1265.13	1.93	ppb
Molybdenum	94-1	635.42	640.68	641.54	639.21	0.52	ppb
Molybdenum	95-1	631.22	632.51	633.29	632.34	0.17	ppb
Molybdenum	96-1	638.67	632.18	648.27	639.71	1.26	ppb
Molybdenum	97-1	625.85	635.08	636.50	632.48	0.91	ppb
Molybdenum	98-1	629.13	649.92	630.23	636.43	1.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.40	131.39	129.34	128.38	2.80	ppb
Phosphorus	31-2	2365.44	2435.61	2398.77	2399.94	1.46	ppb
Potassium	39-2	6318.33	6685.07	6544.22	6515.87	2.84	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	77-2	128.13	154.60	105.39	129.37	19.04	ppb
Selenium	78-2	121.65	125.49	124.36	123.83	1.59	ppb
Selenium	82-1	126.41	128.53	123.74	126.23	1.90	ppb
Silicon	28-1	96.09	114.85	117.34	109.43	10.61	ppb
Silver	109-1	131.65	131.76	125.36	129.59	2.83	ppb
Silver	107-1	129.43	130.91	123.44	127.92	3.09	ppb
Sodium	23-2	12468.75	13068.32	13196.17	12911.08	3.01	ppb
Strontium	86-1	124.77	120.62	123.03	122.81	1.70	ppb
Strontium	88-1	128.77	125.40	127.15	127.11	1.33	ppb
Sulfur	34-1	920.61	1668.72	22.07	870.46	94.72	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	127.04	121.90	119.86	122.93	3.01	ppb
Thallium	205-1	125.57	123.33	119.26	122.72	2.61	ppb
Tin	118-1	127.53	126.46	121.16	125.05	2.73	ppb
Titanium	47-1	625.15	634.46	616.53	625.38	1.43	ppb
Uranium	238-1	126.98	121.33	120.64	122.98	2.83	ppb
Vanadium	51-2	122.77	128.10	125.08	125.32	2.13	ppb
Yttrium	89-1				103		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:21:38	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	1240.19	1278.09	1280.23	1266.17	1.78	ppb
Zirconium	90-1	128.95	126.86	127.26	127.69	0.87	ppb
Zirconium	91-1	121.45	123.97	123.33	122.92	1.07	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:24:42	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5101.84	5087.30	4890.22	5026.46	2.35	ppb
Antimony	121-1	249.52	252.06	252.62	251.40	0.66	ppb
Arsenic	75-2	254.15	251.62	240.08	248.62	3.02	ppb
Barium	135-1	1226.38	1265.76	1250.76	1247.64	1.59	ppb
Barium	137-1	1250.21	1280.23	1273.07	1267.84	1.24	ppb
Beryllium	9-1	248.58	250.92	251.41	250.30	0.61	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	11-1	223.54	245.72	261.61	243.62	7.85	ppb
Boron	10-1	220.91	243.42	267.68	244.00	9.59	ppb
Bromine	81-1						cps
Cadmium	106-1	246.48	251.16	261.23	252.96	2.98	ppb
Cadmium	108-1	249.80	249.75	261.51	253.68	2.67	ppb
Cadmium	111-1	247.31	248.66	252.45	249.47	1.07	ppb
Calcium	43-1	24920.10	24509.17	24498.50	24642.59	0.98	ppb
Calcium	44-1	24478.81	24206.40	24286.65	24323.95	0.58	ppb
Chromium	52-2	258.02	250.71	242.06	250.26	3.19	ppb
Cobalt	59-2	255.99	254.43	244.27	251.56	2.53	ppb
Copper	63-2	2573.80	2561.94	2448.89	2528.21	2.73	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				101		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	14000.68	13947.40	13214.47	13720.85	3.20	ppb
Iron	56-2	13529.46	13656.63	13044.20	13410.10	2.41	ppb
Iron	57-2	13375.91	13440.49	12854.59	13223.66	2.43	ppb
Krypton	83-1						cps
Lead	207-1	1211.81	1207.45	1236.37	1218.54	1.28	ppb
Lead	208-1	1233.35	1248.81	1269.75	1250.63	1.46	ppb
Lead	206-1	1234.40	1235.69	1233.66	1234.58	0.08	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:24:42	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	26123.66	26215.80	25047.07	25795.51	2.52	ppb
Manganese	55-2	2594.36	2537.04	2453.65	2528.35	2.80	ppb
Molybdenum	94-1	1243.35	1255.94	1279.32	1259.54	1.45	ppb
Molybdenum	95-1	1243.41	1235.87	1254.11	1244.46	0.74	ppb
Molybdenum	96-1	1237.53	1218.56	1248.61	1234.90	1.23	ppb
Molybdenum	97-1	1251.16	1229.52	1240.94	1240.54	0.87	ppb
Molybdenum	98-1	1250.94	1234.51	1227.92	1237.79	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.88	256.83	246.18	254.30	2.83	ppb
Phosphorus	31-2	5402.23	4818.54	4810.10	5010.29	6.78	ppb
Potassium	39-2	13251.60	13205.80	12563.60	13007.00	2.96	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				102		%
Selenium	77-2	246.71	205.48	277.54	243.24	14.86	ppb
Selenium	78-2	250.91	263.17	236.22	250.10	5.40	ppb
Selenium	82-1	242.76	253.30	245.17	247.08	2.23	ppb
Silicon	28-1	211.57	225.16	246.49	227.74	7.73	ppb
Silver	109-1	252.35	253.96	257.72	254.68	1.08	ppb
Silver	107-1	251.30	260.48	258.80	256.86	1.90	ppb
Sodium	23-2	26526.36	25416.44	25143.70	25695.50	2.85	ppb
Strontium	86-1	243.53	248.41	250.06	247.33	1.37	ppb
Strontium	88-1	246.84	247.70	250.47	248.34	0.76	ppb
Sulfur	34-1	2802.60	1766.64	1935.33	2168.19	25.64	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	243.51	245.36	245.59	244.82	0.47	ppb
Thallium	205-1	244.25	243.56	245.88	244.56	0.49	ppb
Tin	118-1	247.80	247.12	251.92	248.95	1.04	ppb
Titanium	47-1	1226.36	1202.69	1191.40	1206.82	1.48	ppb
Uranium	238-1	242.17	242.11	242.27	242.18	0.03	ppb
Vanadium	51-2	256.11	253.44	240.35	249.96	3.37	ppb
Yttrium	89-1				105		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:24:42	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	2572.60	2566.93	2452.32	2530.62	2.68	ppb
Zirconium	90-1	253.80	249.87	252.61	252.09	0.80	ppb
Zirconium	91-1	243.65	246.79	249.59	246.68	1.20	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:27:43	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10337.90	10032.85	10248.92	10206.56	1.54	ppb
Antimony	121-1	492.46	496.35	505.98	498.26	1.40	ppb
Arsenic	75-2	511.02	496.34	501.95	503.10	1.47	ppb
Barium	135-1	2424.70	2448.56	2458.50	2443.92	0.71	ppb
Barium	137-1	2464.73	2507.53	2466.20	2479.49	0.98	ppb
Beryllium	9-1	485.58	494.69	494.88	491.72	1.08	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	11-1	440.51	489.12	516.48	482.04	7.98	ppb
Boron	10-1	441.36	499.32	517.26	485.98	8.16	ppb
Bromine	81-1						cps
Cadmium	106-1	484.17	498.26	505.01	495.81	2.14	ppb
Cadmium	108-1	476.87	500.22	491.32	489.47	2.41	ppb
Cadmium	111-1	488.63	491.21	501.31	493.71	1.36	ppb
Calcium	43-1	48746.12	50461.62	50238.55	49815.43	1.87	ppb
Calcium	44-1	47370.70	49528.26	50625.52	49174.83	3.37	ppb
Chromium	52-2	506.53	493.53	506.61	502.22	1.50	ppb
Cobalt	59-2	510.44	494.92	505.70	503.69	1.58	ppb
Copper	63-2	5068.84	4964.10	5045.85	5026.26	1.10	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				104		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	27783.66	26868.40	27931.00	27527.69	2.09	ppb
Iron	56-2	27037.12	26155.44	27285.60	26826.06	2.21	ppb
Iron	57-2	26577.23	25933.22	26791.45	26433.97	1.69	ppb
Krypton	83-1						cps
Lead	207-1	2470.25	2494.33	2488.17	2484.25	0.50	ppb
Lead	208-1	2299.15	2534.60	2319.44	2384.39	5.47	ppb
Lead	206-1	2453.49	2524.04	2513.47	2497.00	1.52	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:27:43	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	52149.01	50549.60	52061.44	51586.68	1.74	ppb
Manganese	55-2	5160.54	5011.17	5096.83	5089.51	1.47	ppb
Molybdenum	94-1	2410.40	2468.13	2530.27	2469.60	2.43	ppb
Molybdenum	95-1	2410.42	2458.97	2524.51	2464.63	2.32	ppb
Molybdenum	96-1	2385.33	2470.31	2471.35	2442.33	2.02	ppb
Molybdenum	97-1	2416.74	2434.38	2497.63	2449.59	1.74	ppb
Molybdenum	98-1	2379.26	2399.72	2454.02	2411.00	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.01	493.51	512.80	505.10	2.02	ppb
Phosphorus	31-2	9890.07	9554.78	9966.86	9803.90	2.24	ppb
Potassium	39-2	26400.08	25901.73	26034.53	26112.12	0.99	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	482.87	482.01	500.56	488.48	2.14	ppb
Selenium	78-2	509.69	500.71	494.28	501.56	1.54	ppb
Selenium	82-1	472.68	497.91	496.78	489.13	2.91	ppb
Silicon	28-1	424.77	498.50	524.91	482.73	10.75	ppb
Silver	109-1	489.48	492.20	500.48	494.05	1.16	ppb
Silver	107-1	492.80	504.43	497.27	498.17	1.18	ppb
Sodium	23-2	51910.15	50690.45	51236.80	51279.13	1.19	ppb
Strontium	86-1	470.15	493.10	496.22	486.49	2.93	ppb
Strontium	88-1	486.93	492.07	498.49	492.50	1.18	ppb
Sulfur	34-1	8176.47	9205.70	9575.60	8985.93	8.07	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	491.09	512.56	500.95	501.54	2.14	ppb
Thallium	205-1	494.28	500.79	493.27	496.11	0.82	ppb
Tin	118-1	484.39	497.39	500.96	494.25	1.76	ppb
Titanium	47-1	2394.61	2487.51	2540.67	2474.26	2.99	ppb
Uranium	238-1	491.94	502.88	503.07	499.30	1.28	ppb
Vanadium	51-2	507.52	491.64	507.16	502.11	1.81	ppb
Yttrium	89-1				105		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:27:43	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	5080.27	4946.63	5076.92	5034.61	1.51	ppb
Zirconium	90-1	487.08	502.17	501.15	496.80	1.70	ppb
Zirconium	91-1	470.42	491.14	499.29	486.95	3.06	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:30:41	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20303.55	20384.35	19526.22	20071.37	2.36	ppb
Antimony	121-1	995.70	1000.77	1004.59	1000.36	0.45	ppb
Arsenic	75-2	1012.24	1015.39	969.10	998.91	2.59	ppb
Barium	135-1	4983.64	5033.60	5067.20	5028.15	0.84	ppb
Barium	137-1	5062.89	4934.06	5015.77	5004.24	1.30	ppb
Beryllium	9-1	1036.40	1007.56	967.51	1003.82	3.45	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	11-1	955.68	1036.18	1041.15	1011.00	4.74	ppb
Boron	10-1	956.22	1037.10	1032.98	1008.77	4.52	ppb
Bromine	81-1						cps
Cadmium	106-1	1002.12	995.47	1004.67	1000.75	0.47	ppb
Cadmium	108-1	999.01	1006.98	1007.86	1004.62	0.49	ppb
Cadmium	111-1	998.55	986.74	1023.97	1003.09	1.90	ppb
Calcium	43-1	103269.31	98167.94	102668.76	101368.67	2.75	ppb
Calcium	44-1	102550.76	98357.53	99211.29	100039.86	2.22	ppb
Chromium	52-2	1009.83	1013.42	973.12	998.79	2.23	ppb
Cobalt	59-2	999.76	1018.47	974.19	997.47	2.23	ppb
Copper	63-2	10058.13	10136.19	9728.00	9974.11	2.17	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				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	54215.35	55198.99	53795.57	54403.30	1.32	ppb
Iron	56-2	53810.08	53733.08	52037.24	53193.47	1.88	ppb
Iron	57-2	52980.21	53545.05	51028.75	52518.01	2.51	ppb
Krypton	83-1						cps
Lead	207-1	5109.29	4911.10	5032.45	5017.61	1.99	ppb
Lead	208-1	5097.72	4925.89	5137.32	5053.64	2.22	ppb
Lead	206-1	5061.08	4943.77	5016.81	5007.22	1.18	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:30:41	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	102981.45	101272.81	97873.01	100709.09	2.58	ppb
Manganese	55-2	10153.11	10019.12	9666.09	9946.11	2.53	ppb
Molybdenum	94-1	5014.45	4947.85	5069.09	5010.47	1.21	ppb
Molybdenum	95-1	5067.88	4908.83	5075.78	5017.50	1.88	ppb
Molybdenum	96-1	5106.67	4909.55	5074.28	5030.17	2.10	ppb
Molybdenum	97-1	5102.52	4965.43	5010.14	5026.03	1.39	ppb
Molybdenum	98-1	5120.55	4931.24	5084.71	5045.50	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1003.02	1012.07	972.79	995.96	2.07	ppb
Phosphorus	31-2	20718.11	19843.84	19768.75	20110.23	2.62	ppb
Potassium	39-2	52199.97	52526.49	49971.45	51565.97	2.70	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	1032.47	1005.55	981.79	1006.60	2.52	ppb
Selenium	78-2	983.37	1026.72	987.92	999.33	2.38	ppb
Selenium	82-1	1013.33	988.35	1016.17	1005.95	1.52	ppb
Silicon	28-1	981.15	995.76	1072.30	1016.40	4.82	ppb
Silver	109-1	990.09	997.19	1016.10	1001.13	1.34	ppb
Silver	107-1	991.57	989.32	1015.25	998.71	1.44	ppb
Sodium	23-2	103743.82	102767.13	99704.66	102071.87	2.06	ppb
Strontium	86-1	1012.65	991.99	1018.12	1007.59	1.37	ppb
Strontium	88-1	1004.73	982.40	1024.20	1003.78	2.08	ppb
Sulfur	34-1	22832.77	19422.18	21905.80	21386.92	8.25	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	1008.06	987.54	1006.59	1000.73	1.14	ppb
Thallium	205-1	1015.85	983.90	1010.93	1003.56	1.71	ppb
Tin	118-1	994.62	989.04	1025.70	1003.12	1.97	ppb
Titanium	47-1	5078.42	4874.73	5117.59	5023.58	2.60	ppb
Uranium	238-1	1018.57	963.22	1025.79	1002.53	3.41	ppb
Vanadium	51-2	1011.22	1007.46	978.06	998.91	1.82	ppb
Yttrium	89-1				103		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:30:41	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	10069.19	10178.35	9670.27	9972.60	2.68	ppb
Zirconium	90-1	1000.74	982.24	1018.94	1000.64	1.83	ppb
Zirconium	91-1	1011.02	991.95	1019.71	1007.56	1.41	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:33:42	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100542.32	101307.32	98038.32	99962.65	1.71	ppb
Antimony	121-1	0.84	0.87	0.81	0.84	3.37	ppb
Arsenic	75-2	0.32	0.26	0.42	0.34	23.93	ppb
Barium	135-1	9.26	9.54	9.06	9.29	2.59	ppb
Barium	137-1	9.20	9.63	10.04	9.62	4.41	ppb
Beryllium	9-1	0.64	0.54	0.52	0.57	11.58	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	11-1	153.50	136.07	124.37	137.98	10.62	ppb
Boron	10-1	155.93	136.17	129.87	140.66	9.67	ppb
Bromine	81-1						cps
Cadmium	106-1	0.88	3.65	3.18	2.57	57.75	ppb
Cadmium	108-1	0.58	1.46	1.86	1.30	50.16	ppb
Cadmium	111-1	0.50	0.73	0.52	0.58	21.45	ppb
Calcium	43-1	488114.97	498415.82	512750.76	499760.52	2.48	ppb
Calcium	44-1	489438.42	500240.12	510645.18	500107.91	2.12	ppb
Chromium	52-2	19.15	18.76	18.99	18.97	1.03	ppb
Cobalt	59-2	2.06	1.91	1.93	1.97	4.26	ppb
Copper	63-2	9.35	9.28	8.82	9.15	3.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	250114.47	247736.19	248511.30	248787.32	0.49	ppb
Iron	56-2	253037.93	247816.31	246498.73	249117.65	1.39	ppb
Iron	57-2	251685.79	250648.37	245578.86	249304.34	1.31	ppb
Krypton	83-1						cps
Lead	207-1	5.02	4.76	5.13	4.97	3.81	ppb
Lead	208-1	5.16	5.76	4.93	5.28	8.11	ppb
Lead	206-1	4.98	5.21	5.24	5.14	2.81	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:33:42	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	500321.20	500686.10	497912.67	499639.99	0.30	ppb
Manganese	55-2	12.28	12.01	12.06	12.12	1.18	ppb
Molybdenum	94-1	2.97	3.13	3.26	3.12	4.66	ppb
Molybdenum	95-1	3.65	3.72	3.91	3.76	3.63	ppb
Molybdenum	96-1	3.89	4.00	3.96	3.95	1.39	ppb
Molybdenum	97-1	3.40	3.93	3.82	3.72	7.51	ppb
Molybdenum	98-1	3.78	3.75	3.77	3.77	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.32	13.38	13.08	13.59	4.78	ppb
Phosphorus	31-2	-59.10	18.75	-3.00	-14.45		ppb
Potassium	39-2	249722.73	249224.12	249682.13	249542.99	0.11	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	-1.49	-1.49	0.72	-0.75		ppb
Selenium	78-2	0.99	1.76	0.37	1.04	66.52	ppb
Selenium	82-1	1.81	2.61	-0.85	1.19	152.21	ppb
Silicon	28-1	176.01	216.75	230.99	207.92	13.72	ppb
Silver	109-1	0.50	0.48	0.60	0.53	12.39	ppb
Silver	107-1	0.51	0.57	0.53	0.53	5.54	ppb
Sodium	23-2	499958.74	501041.74	497231.62	499410.70	0.39	ppb
Strontium	86-1	5.52	5.97	5.14	5.54	7.53	ppb
Strontium	88-1	5.53	5.59	5.77	5.63	2.28	ppb
Sulfur	34-1	-4469.10	-4235.03	-2188.77	-3630.97		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.76	0.63	0.72	0.70	9.04	ppb
Thallium	205-1	0.79	0.70	0.68	0.72	8.48	ppb
Tin	118-1	0.58	0.52	0.66	0.59	11.63	ppb
Titanium	47-1	0.46	0.55	1.04	0.68	45.20	ppb
Uranium	238-1	0.15	0.13	0.12	0.13	9.13	ppb
Vanadium	51-2	0.33	0.28	0.31	0.31	6.82	ppb
Yttrium	89-1				103		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:33:42	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	38.21	36.94	36.49	37.21	2.40	ppb
Zirconium	90-1	0.26	0.25	0.25	0.26	2.41	ppb
Zirconium	91-1	0.27	0.29	0.31	0.29	6.25	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:42:48	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	473.21	473.79	483.18	476.73	1.17	ppb
Antimony	121-1	188.60	197.12	188.62	191.45	2.57	ppb
Arsenic	75-2	208.09	213.86	212.58	211.51	1.43	ppb
Barium	135-1	95.68	101.65	97.67	98.33	3.09	ppb
Barium	137-1	96.88	102.92	97.43	99.08	3.37	ppb
Beryllium	9-1	91.18	94.72	92.87	92.92	1.91	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	11-1	571.54	634.29	630.14	611.99	5.73	ppb
Boron	10-1	577.49	646.12	629.77	617.79	5.80	ppb
Bromine	81-1						cps
Cadmium	106-1	156.72	165.49	164.70	162.31	2.99	ppb
Cadmium	108-1	126.00	134.69	132.22	130.97	3.42	ppb
Cadmium	111-1	98.07	105.02	100.72	101.27	3.46	ppb
Calcium	43-1	2007.18	2103.21	2058.48	2056.29	2.34	ppb
Calcium	44-1	1923.61	2055.45	1990.39	1989.82	3.31	ppb
Chromium	52-2	95.09	98.13	97.83	97.02	1.72	ppb
Cobalt	59-2	96.39	98.67	100.21	98.43	1.95	ppb
Copper	63-2	98.25	100.98	100.37	99.87	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	2097.81	2139.33	2149.59	2128.91	1.29	ppb
Iron	56-2	2026.51	2053.02	2041.09	2040.21	0.65	ppb
Iron	57-2	1998.29	1955.45	1952.52	1968.75	1.30	ppb
Krypton	83-1						cps
Lead	207-1	190.94	194.90	195.47	193.77	1.27	ppb
Lead	208-1	200.77	217.51	213.43	210.57	4.15	ppb
Lead	206-1	203.25	211.64	210.51	208.47	2.18	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:42:48	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	1127.91	1169.46	1184.39	1160.59	2.52	ppb
Manganese	55-2	98.38	98.59	102.11	99.69	2.10	ppb
Molybdenum	94-1	2363.26	2412.45	2395.77	2390.49	1.05	ppb
Molybdenum	95-1	2255.35	2366.65	2316.05	2312.68	2.41	ppb
Molybdenum	96-1	2265.41	2384.36	2330.34	2326.70	2.56	ppb
Molybdenum	97-1	2274.30	2343.33	2314.72	2310.78	1.50	ppb
Molybdenum	98-1	2262.47	2373.24	2258.73	2298.15	2.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.79	100.46	99.45	99.90	0.52	ppb
Phosphorus	31-2	-96.46	-50.19	-55.90	-67.52		ppb
Potassium	39-2	1973.98	1985.81	1994.28	1984.69	0.51	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	196.69	197.98	164.74	186.47	10.10	ppb
Selenium	78-2	197.94	200.25	190.54	196.24	2.59	ppb
Selenium	82-1	194.23	197.21	199.50	196.98	1.34	ppb
Silicon	28-1	295.69	383.65	393.86	357.74	15.09	ppb
Silver	109-1	45.85	49.50	46.63	47.33	4.06	ppb
Silver	107-1	46.16	50.41	47.51	48.03	4.52	ppb
Sodium	23-2	1950.40	2018.22	2067.00	2011.87	2.91	ppb
Strontium	86-1	471.46	497.62	485.88	484.99	2.70	ppb
Strontium	88-1	480.47	516.44	491.63	496.18	3.71	ppb
Sulfur	34-1	-2454.06	839.29	-1639.61	-1084.79		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	211.34	217.63	213.45	214.14	1.50	ppb
Thallium	205-1	205.46	216.65	214.07	212.06	2.76	ppb
Tin	118-1	483.12	510.25	490.39	494.59	2.84	ppb
Titanium	47-1	2278.33	2395.54	2283.29	2319.05	2.86	ppb
Uranium	238-1	483.63	508.51	500.51	497.55	2.55	ppb
Vanadium	51-2	92.63	96.35	95.91	94.96	2.14	ppb
Yttrium	89-1				100		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:42:48	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	190.44	187.06	194.13	190.54	1.86	ppb
Zirconium	90-1	493.73	515.11	495.03	501.29	2.39	ppb
Zirconium	91-1	473.05	504.13	487.63	488.27	3.18	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:02:29	DataFile Name :	012LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.43	17.53	18.70	18.22	3.37	ppb
Antimony	121-1	1.55	1.59	1.70	1.61	5.04	ppb
Arsenic	75-2	1.02	0.83	0.96	0.94	10.26	ppb
Barium	135-1	8.24	7.37	8.17	7.93	6.08	ppb
Barium	137-1	7.87	8.39	8.21	8.16	3.25	ppb
Beryllium	9-1	0.78	0.92	0.82	0.84	8.36	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	11-1	21.59	23.85	25.95	23.80	9.16	ppb
Boron	10-1	20.24	25.81	25.66	23.90	13.27	ppb
Bromine	81-1						cps
Cadmium	106-1	0.39	3.41	-1.47	0.78	317.14	ppb
Cadmium	108-1	0.39	0.63	0.96	0.66	43.45	ppb
Cadmium	111-1	1.07	1.15	0.76	1.00	20.75	ppb
Calcium	43-1	382.19	410.05	393.24	395.16	3.55	ppb
Calcium	44-1	401.34	401.99	392.57	398.63	1.32	ppb
Chromium	52-2	1.69	1.77	1.56	1.67	6.31	ppb
Cobalt	59-2	0.90	0.82	0.88	0.87	4.43	ppb
Copper	63-2	1.82	1.83	2.07	1.91	7.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	54-2	46.31	47.73	51.60	48.55	5.65	ppb
Iron	56-2	47.84	45.83	44.41	46.03	3.75	ppb
Iron	57-2	55.04	49.65	43.81	49.50	11.35	ppb
Krypton	83-1						cps
Lead	207-1	0.72	0.72	0.77	0.74	4.14	ppb
Lead	208-1	0.78	0.88	0.83	0.83	6.08	ppb
Lead	206-1	0.76	0.80	0.79	0.78	2.83	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:02:29	DataFile Name :	012LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	436.34	438.70	437.82	437.62	0.27	ppb
Manganese	55-2	0.98	0.94	0.88	0.94	5.33	ppb
Molybdenum	94-1	4.16	3.95	4.03	4.05	2.70	ppb
Molybdenum	95-1	4.05	4.11	4.14	4.10	1.11	ppb
Molybdenum	96-1	4.08	4.02	4.15	4.09	1.61	ppb
Molybdenum	97-1	3.98	3.73	4.10	3.94	4.71	ppb
Molybdenum	98-1	3.72	4.18	4.07	3.99	5.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.79	0.91	0.75	0.81	10.43	ppb
Phosphorus	31-2	24.44	15.94	-36.75	1.21	2739.64	ppb
Potassium	39-2	474.62	454.39	424.08	451.03	5.64	ppb
Rhodium	103-1				102		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	77-2	3.41	7.73	3.12	4.75	54.28	ppb
Selenium	78-2	4.97	4.12	0.40	3.17	76.79	ppb
Selenium	82-1	4.14	4.62	3.48	4.08	14.07	ppb
Silicon	28-1	5.22	-0.40	-15.19	-3.45		ppb
Silver	109-1	0.80	0.75	0.82	0.79	4.55	ppb
Silver	107-1	0.92	0.71	0.79	0.81	13.61	ppb
Sodium	23-2	489.28	444.10	432.20	455.19	6.62	ppb
Strontium	86-1	0.84	1.06	0.98	0.96	11.69	ppb
Strontium	88-1	0.79	0.80	0.82	0.80	1.71	ppb
Sulfur	34-1	-44.10	-398.83	-2236.14	-893.03		ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.89	0.86	0.87	0.87	1.69	ppb
Thallium	205-1	0.83	0.78	0.83	0.81	3.99	ppb
Tin	118-1	4.05	3.88	4.17	4.03	3.63	ppb
Titanium	47-1	3.44	4.39	4.14	3.99	12.35	ppb
Uranium	238-1	0.86	0.74	0.81	0.80	6.90	ppb
Vanadium	51-2	4.31	3.90	4.03	4.08	5.23	ppb
Yttrium	89-1				101		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:02:29	DataFile Name :	012LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	1.78	1.95	1.33	1.69	18.81	ppb
Zirconium	90-1	0.76	0.76	0.80	0.77	3.15	ppb
Zirconium	91-1	0.79	0.88	0.79	0.82	6.24	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:05:41	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.39	-0.54	0.56	0.14	434.94	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	50.67	ppb
Arsenic	75-2	-0.01	-0.06	-0.01	-0.03		ppb
Barium	135-1	0.05	-0.01	-0.01	0.01	321.84	ppb
Barium	137-1	0.04	0.00	0.02	0.02	83.35	ppb
Beryllium	9-1	0.06	-0.01	0.01	0.02	156.45	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	11-1	8.44	8.10	7.94	8.16	3.16	ppb
Boron	10-1	9.67	8.45	8.36	8.83	8.32	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.69	-2.31	-0.99	-1.66		ppb
Cadmium	108-1	-0.31	0.03	-0.14	-0.14		ppb
Cadmium	111-1	-0.09	-0.18	-0.08	-0.12		ppb
Calcium	43-1	0.27	-6.55	-1.82	-2.70		ppb
Calcium	44-1	-6.68	-2.61	-3.01	-4.10		ppb
Chromium	52-2	-0.02	-0.04	0.04	-0.01		ppb
Cobalt	59-2	0.02	0.01	0.01	0.02	43.62	ppb
Copper	63-2	0.10	0.07	0.04	0.07	42.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	2.58	3.32	0.73	2.21	60.43	ppb
Iron	56-2	0.24	0.70	0.25	0.40	65.74	ppb
Iron	57-2	0.46	-0.68	0.14	-0.03		ppb
Krypton	83-1						cps
Lead	207-1	-0.01	0.06	0.03	0.03	123.39	ppb
Lead	208-1	0.08	0.04	0.14	0.09	58.21	ppb
Lead	206-1	0.04	0.08	0.10	0.08	36.81	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:05:41	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	0.51	2.70	-0.02	1.07	135.07	ppb
Manganese	55-2	0.06	0.11	0.08	0.08	31.98	ppb
Molybdenum	94-1	-0.02	0.01	0.06	0.02	248.59	ppb
Molybdenum	95-1	0.02	0.00	0.00	0.01	150.93	ppb
Molybdenum	96-1	-0.02	-0.01	0.00	-0.01		ppb
Molybdenum	97-1	0.00	0.00	0.03	0.01	171.81	ppb
Molybdenum	98-1	0.01	0.01	0.02	0.01	53.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	0.00	0.07	-0.01		ppb
Phosphorus	31-2	34.40	-67.33	-15.12	-16.02		ppb
Potassium	39-2	28.33	27.01	16.25	23.86	27.76	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	0.83	-1.49	3.14	0.83	279.64	ppb
Selenium	78-2	-1.39	-1.26	-2.06	-1.57		ppb
Selenium	82-1	-1.48	1.24	0.05	-0.06		ppb
Silicon	28-1	-11.59	-10.08	-0.35	-7.34		ppb
Silver	109-1	0.01	-0.01	-0.01	0.00		ppb
Silver	107-1	-0.01	-0.02	-0.01	-0.01		ppb
Sodium	23-2	12.52	3.34	11.37	9.08	55.12	ppb
Strontium	86-1	0.04	0.03	0.08	0.05	55.68	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	244.60	ppb
Sulfur	34-1	-396.15	-251.95	-47.77	-231.96		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.04	0.01	0.03	0.02	59.22	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	19.43	ppb
Tin	118-1	-0.01	-0.03	-0.02	-0.02		ppb
Titanium	47-1	0.13	-0.12	-0.13	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	354.52	ppb
Vanadium	51-2	0.01	0.01	-0.01	0.01	266.61	ppb
Yttrium	89-1				99		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:05:41	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	0.06	-0.24	-0.12	-0.10		ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	258.65	ppb
Zirconium	91-1	0.01	0.00	-0.05	-0.01		ppb

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 15:08:34 DataFile Name : 014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93529.71	95283.90	96910.42	95241.34	1.78	ppb
Antimony	121-1	1.01	1.16	1.16	1.11	7.55	ppb
Arsenic	75-2	0.36	0.15	0.12	0.21	64.04	ppb
Barium	135-1	1.23	1.31	1.49	1.34	9.69	ppb
Barium	137-1	1.49	1.43	1.28	1.40	7.58	ppb
Beryllium	9-1	0.28	0.26	0.32	0.29	10.06	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	11-1	7.55	6.76	7.18	7.16	5.56	ppb
Boron	10-1	8.85	6.90	7.23	7.66	13.63	ppb
Bromine	81-1						cps
Cadmium	106-1	0.08	-0.47	0.81	0.14	457.50	ppb
Cadmium	108-1	8.74	8.88	8.45	8.69	2.51	ppb
Cadmium	111-1	0.19	0.37	0.32	0.29	30.69	ppb
Calcium	43-1	96589.85	95202.98	96956.56	96249.79	0.96	ppb
Calcium	44-1	93755.68	93647.67	95884.31	94429.22	1.34	ppb
Chromium	52-2	18.52	19.13	19.95	19.20	3.72	ppb
Cobalt	59-2	1.13	1.04	1.13	1.10	4.54	ppb
Copper	63-2	8.53	8.84	8.88	8.75	2.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	103756.55	105416.92	106769.08	105314.18	1.43	ppb
Iron	56-2	100896.14	104597.07	103279.28	102924.16	1.82	ppb
Iron	57-2	99309.46	103732.65	103437.88	102159.99	2.42	ppb
Krypton	83-1						cps
Lead	207-1	3.62	4.25	4.29	4.06	9.30	ppb
Lead	208-1	4.63	4.10	4.82	4.52	8.26	ppb
Lead	206-1	4.41	4.58	4.81	4.60	4.37	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:08:34	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	93002.99	96543.74	96259.65	95268.79	2.07	ppb
Manganese	55-2	6.68	7.45	7.55	7.23	6.60	ppb
Molybdenum	94-1	1361.18	1342.06	1297.32	1333.52	2.46	ppb
Molybdenum	95-1	1936.68	1909.89	1898.10	1914.89	1.03	ppb
Molybdenum	96-1	1848.75	1867.28	1834.03	1850.02	0.90	ppb
Molybdenum	97-1	1899.05	1901.32	1893.28	1897.88	0.22	ppb
Molybdenum	98-1	1892.07	1913.30	1885.70	1897.02	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.48	4.82	5.19	4.83	7.42	ppb
Phosphorus	31-2	91849.25	94447.62	96681.43	94326.10	2.56	ppb
Potassium	39-2	96391.79	98062.54	99407.02	97953.78	1.54	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	0.75	0.82	-1.49	0.03	4633.52	ppb
Selenium	78-2	-1.07	0.64	-0.53	-0.32		ppb
Selenium	82-1	1.63	1.14	-0.23	0.85	114.15	ppb
Silicon	28-1	23.80	16.98	12.93	17.90	30.69	ppb
Silver	109-1	0.02	0.01	0.01	0.02	38.64	ppb
Silver	107-1	-0.01	0.00	0.03	0.01	217.77	ppb
Sodium	23-2	97071.19	100570.86	101290.33	99644.13	2.27	ppb
Strontium	86-1	32.97	31.95	33.07	32.66	1.91	ppb
Strontium	88-1	32.76	33.52	33.80	33.36	1.61	ppb
Sulfur	34-1	84914.46	80401.61	81584.39	82300.15	2.84	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.11	0.13	0.17	0.14	19.40	ppb
Thallium	205-1	0.08	0.13	0.13	0.11	24.32	ppb
Tin	118-1	0.25	0.22	0.23	0.23	8.38	ppb
Titanium	47-1	1918.06	1908.10	1937.68	1921.28	0.78	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	35.98	ppb
Vanadium	51-2	0.16	0.13	0.16	0.15	10.07	ppb
Yttrium	89-1				102		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:08:34	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	10.16	10.15	10.62	10.31	2.59	ppb
Zirconium	90-1	0.04	0.04	0.03	0.04	17.28	ppb
Zirconium	91-1	0.00	0.01	-0.01	0.00	729.16	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:11:23	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95348.78	100087.64	97461.15	97632.52	2.43	ppb
Antimony	121-1	19.46	20.34	19.54	19.78	2.44	ppb
Arsenic	75-2	22.41	23.28	20.88	22.19	5.48	ppb
Barium	135-1	18.92	20.81	20.75	20.16	5.32	ppb
Barium	137-1	20.60	21.33	19.84	20.59	3.63	ppb
Beryllium	9-1	18.36	18.35	19.15	18.62	2.48	ppb
Bismuth	209-1				101		%
Bismuth	209-2				94		%
Boron	11-1	46.49	47.85	53.52	49.29	7.57	ppb
Boron	10-1	47.13	50.51	54.01	50.55	6.80	ppb
Bromine	81-1						cps
Cadmium	106-1	21.00	24.66	24.09	23.25	8.46	ppb
Cadmium	108-1	27.88	28.68	28.13	28.23	1.46	ppb
Cadmium	111-1	17.80	18.98	19.52	18.77	4.69	ppb
Calcium	43-1	88723.71	94718.71	92347.93	91930.12	3.28	ppb
Calcium	44-1	88321.32	93568.90	90782.34	90890.85	2.89	ppb
Chromium	52-2	38.59	40.93	39.13	39.55	3.10	ppb
Cobalt	59-2	20.88	22.13	21.43	21.48	2.91	ppb
Copper	63-2	28.54	30.73	29.18	29.48	3.82	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				106		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	54-2	103851.18	110953.77	104371.06	106392.01	3.72	ppb
Iron	56-2	102588.40	110391.18	103513.70	105497.76	4.04	ppb
Iron	57-2	102425.12	111917.46	102705.06	105682.55	5.11	ppb
Krypton	83-1						cps
Lead	207-1	21.13	21.32	21.09	21.18	0.58	ppb
Lead	208-1	22.81	22.31	23.42	22.85	2.44	ppb
Lead	206-1	22.60	23.67	23.13	23.13	2.29	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:11:23	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	95239.53	101372.13	96889.80	97833.82	3.24	ppb
Manganese	55-2	25.58	26.93	25.95	26.16	2.66	ppb
Molybdenum	94-1	1340.65	1408.63	1348.97	1366.08	2.71	ppb
Molybdenum	95-1	1823.81	1921.58	1850.79	1865.39	2.71	ppb
Molybdenum	96-1	1763.48	1873.78	1794.50	1810.59	3.14	ppb
Molybdenum	97-1	1839.38	1918.14	1808.09	1855.20	3.06	ppb
Molybdenum	98-1	1822.91	1934.85	1827.57	1861.77	3.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.01	26.53	25.11	25.21	5.01	ppb
Phosphorus	31-2	94467.10	99465.14	96019.46	96650.57	2.65	ppb
Potassium	39-2	97322.34	104690.58	96320.40	99444.44	4.60	ppb
Rhodium	103-1				102		%
Rhodium	103-2				95		%
Scandium	45-1				107		%
Scandium	45-2				97		%
Selenium	77-2	18.94	19.86	16.85	18.55	8.33	ppb
Selenium	78-2	16.32	20.47	20.88	19.22	13.12	ppb
Selenium	82-1	19.26	20.68	21.08	20.34	4.70	ppb
Silicon	28-1	15.08	42.46	30.11	29.22	46.92	ppb
Silver	109-1	17.53	18.09	18.19	17.94	1.98	ppb
Silver	107-1	17.34	18.55	17.87	17.92	3.39	ppb
Sodium	23-2	99337.79	104755.59	100779.69	101624.36	2.76	ppb
Strontium	86-1	73.20	75.73	74.08	74.34	1.72	ppb
Strontium	88-1	74.14	77.70	74.91	75.58	2.48	ppb
Sulfur	34-1	71584.67	79262.10	73281.80	74709.53	5.40	ppb
Terbium	159-1				105		%
Terbium	159-2				97		%
Thallium	203-1	19.38	19.74	19.84	19.65	1.24	ppb
Thallium	205-1	19.11	19.29	19.42	19.27	0.81	ppb
Tin	118-1	41.59	43.08	42.08	42.25	1.80	ppb
Titanium	47-1	1800.07	1927.63	1878.28	1868.66	3.44	ppb
Uranium	238-1	43.31	44.15	44.02	43.83	1.02	ppb
Vanadium	51-2	19.47	20.66	19.74	19.96	3.12	ppb
Yttrium	89-1				104		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:11:23	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	30.74	33.85	29.84	31.48	6.68	ppb
Zirconium	90-1	42.39	45.01	42.64	43.35	3.34	ppb
Zirconium	91-1	42.19	42.79	41.95	42.31	1.03	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:33:29	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46517.21	49423.46	49750.27	48563.65	3.66	ppb
Antimony	121-1	472.69	490.23	499.72	487.55	2.81	ppb
Arsenic	75-2	469.45	485.96	503.46	486.29	3.50	ppb
Barium	135-1	2383.96	2472.57	2500.56	2452.36	2.48	ppb
Barium	137-1	2390.04	2477.94	2544.59	2470.85	3.14	ppb
Beryllium	9-1	489.79	496.25	506.69	497.58	1.71	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	11-1	422.83	477.83	518.99	473.22	10.20	ppb
Boron	10-1	418.01	478.31	529.40	475.24	11.73	ppb
Bromine	81-1						cps
Cadmium	106-1	456.49	483.34	489.46	476.43	3.68	ppb
Cadmium	108-1	455.86	480.74	492.63	476.41	3.94	ppb
Cadmium	111-1	464.40	483.03	488.24	478.56	2.62	ppb
Calcium	43-1	243883.71	254252.70	251172.43	249769.61	2.13	ppb
Calcium	44-1	238230.48	249919.32	250796.13	246315.31	2.85	ppb
Chromium	52-2	477.04	502.63	515.12	498.27	3.90	ppb
Cobalt	59-2	467.39	493.32	502.22	487.64	3.71	ppb
Copper	63-2	4972.05	5256.51	5324.74	5184.43	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				105		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	127056.32	135602.07	137608.42	133422.27	4.20	ppb
Iron	56-2	127044.99	134543.66	136511.53	132700.06	3.76	ppb
Iron	57-2	127460.72	136071.07	135155.81	132895.87	3.56	ppb
Krypton	83-1						cps
Lead	207-1	2418.72	2562.14	2576.36	2519.07	3.46	ppb
Lead	208-1	2436.96	2431.30	2460.01	2442.76	0.62	ppb
Lead	206-1	2422.82	2559.36	2594.33	2525.50	3.59	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:33:29	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	242548.86	255813.44	258529.59	252297.30	3.39	ppb
Manganese	55-2	4838.15	5020.23	5109.01	4989.13	2.77	ppb
Molybdenum	94-1	2452.46	2591.31	2576.50	2540.09	3.00	ppb
Molybdenum	95-1	2485.51	2598.18	2594.65	2559.45	2.50	ppb
Molybdenum	96-1	2510.14	2572.79	2591.45	2558.13	1.67	ppb
Molybdenum	97-1	2502.12	2594.69	2549.05	2548.62	1.82	ppb
Molybdenum	98-1	2502.54	2590.04	2548.62	2547.07	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	469.60	502.05	502.37	491.34	3.83	ppb
Phosphorus	31-2	9626.78	10210.81	10062.60	9966.73	3.05	ppb
Potassium	39-2	118445.27	124036.56	127349.23	123277.02	3.65	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	400.13	520.91	510.55	477.20	14.03	ppb
Selenium	78-2	464.89	478.87	504.10	482.62	4.12	ppb
Selenium	82-1	490.26	503.14	501.90	498.43	1.42	ppb
Silicon	28-1	319.24	361.11	406.73	362.36	12.08	ppb
Silver	109-1	466.79	488.57	491.68	482.35	2.81	ppb
Silver	107-1	475.74	481.76	492.65	483.38	1.77	ppb
Sodium	23-2	227354.36	238207.42	242033.40	235865.06	3.23	ppb
Strontium	86-1	485.01	505.33	506.48	498.94	2.42	ppb
Strontium	88-1	496.14	505.38	510.08	503.87	1.41	ppb
Sulfur	34-1	6888.09	8922.54	9509.44	8440.02	16.30	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	482.28	504.98	511.62	499.63	3.08	ppb
Thallium	205-1	482.63	509.11	516.14	502.62	3.52	ppb
Tin	118-1	469.62	492.98	492.48	485.03	2.75	ppb
Titanium	47-1	2382.44	2487.25	2534.38	2468.02	3.15	ppb
Uranium	238-1	498.66	510.33	519.44	509.48	2.04	ppb
Vanadium	51-2	474.79	502.36	514.56	497.24	4.10	ppb
Yttrium	89-1				101		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:33:29	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	4855.95	5156.17	5220.22	5077.45	3.83	ppb
Zirconium	90-1	495.90	507.93	518.70	507.51	2.25	ppb
Zirconium	91-1	485.77	506.64	511.82	501.41	2.75	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:41:07	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.62	2.06	0.59	0.68	197.25	ppb
Antimony	121-1	0.04	0.04	0.05	0.04	13.98	ppb
Arsenic	75-2	-0.04	0.01	-0.06	-0.03		ppb
Barium	135-1	0.05	-0.04	-0.02	0.00		ppb
Barium	137-1	0.02	0.03	0.04	0.03	29.06	ppb
Beryllium	9-1	0.01	0.08	0.06	0.05	79.19	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	11-1	12.53	11.84	12.19	12.18	2.84	ppb
Boron	10-1	12.46	12.30	11.75	12.17	3.06	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.53	0.79	-1.24	-0.99		ppb
Cadmium	108-1	-0.31	-0.14	0.03	-0.14		ppb
Cadmium	111-1	-0.18	0.08	-0.06	-0.06		ppb
Calcium	43-1	-0.25	-2.48	0.40	-0.77		ppb
Calcium	44-1	-6.91	-7.62	-8.41	-7.64		ppb
Chromium	52-2	0.00	-0.01	0.08	0.02	217.74	ppb
Cobalt	59-2	0.02	0.01	0.02	0.02	24.36	ppb
Copper	63-2	0.32	0.27	0.23	0.27	18.02	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				97		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	2.90	-0.07	0.81	1.21	125.73	ppb
Iron	56-2	1.48	0.68	1.88	1.35	45.37	ppb
Iron	57-2	-1.70	0.85	1.50	0.22	780.65	ppb
Krypton	83-1						cps
Lead	207-1	0.09	0.08	0.08	0.08	8.46	ppb
Lead	208-1	0.07	0.12	0.09	0.09	29.78	ppb
Lead	206-1	0.13	0.11	0.08	0.11	22.93	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:41:07	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	2.34	-1.33	1.95	0.99	203.86	ppb
Manganese	55-2	0.10	0.12	0.14	0.12	15.83	ppb
Molybdenum	94-1	0.07	0.03	0.02	0.04	61.17	ppb
Molybdenum	95-1	0.08	0.02	0.03	0.04	74.61	ppb
Molybdenum	96-1	0.03	0.04	0.04	0.03	7.60	ppb
Molybdenum	97-1	0.02	0.05	0.02	0.03	58.44	ppb
Molybdenum	98-1	0.08	0.03	0.03	0.05	64.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.19	-0.11	-0.06	-0.12		ppb
Phosphorus	31-2	-25.41	-80.32	8.63	-32.36		ppb
Potassium	39-2	33.15	51.27	46.18	43.53	21.47	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	77-2	-1.49	3.12	3.24	1.62	165.94	ppb
Selenium	78-2	1.31	-2.07	-0.83	-0.53		ppb
Selenium	82-1	-0.95	-2.78	0.50	-1.08		ppb
Silicon	28-1	-14.37	-7.84	-18.79	-13.67		ppb
Silver	109-1	0.01	0.00	0.00	0.00	241.45	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	27.63	26.38	37.08	30.37	19.27	ppb
Strontium	86-1	0.12	0.08	-0.02	0.06	120.10	ppb
Strontium	88-1	0.01	0.01	0.00	0.00	109.46	ppb
Sulfur	34-1	-2383.36	-2252.31	-2257.26	-2297.64		ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.11	0.13	0.16	0.13	19.37	ppb
Thallium	205-1	0.11	0.10	0.09	0.10	9.34	ppb
Tin	118-1	0.01	-0.01	0.02	0.01	250.86	ppb
Titanium	47-1	-0.04	0.21	0.06	0.08	165.80	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	50.62	ppb
Vanadium	51-2	-0.02	0.00	0.00	0.00		ppb
Yttrium	89-1				101		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:41:07	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	-0.23	0.04	0.09	-0.04		ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	24.18	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	202.94	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:43:59	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.92	16.97	14.70	20.53	40.00	ppb
Antimony	121-1	1.62	1.48	1.58	1.56	4.51	ppb
Arsenic	75-2	0.80	0.78	0.55	0.71	19.34	ppb
Barium	135-1	7.25	7.24	8.19	7.56	7.19	ppb
Barium	137-1	7.69	8.21	7.89	7.93	3.36	ppb
Beryllium	9-1	0.82	0.80	0.88	0.83	5.40	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	11-1	23.50	25.66	27.14	25.43	7.20	ppb
Boron	10-1	22.10	24.98	28.95	25.34	13.59	ppb
Bromine	81-1						cps
Cadmium	106-1	1.19	1.82	0.91	1.31	35.71	ppb
Cadmium	108-1	0.94	0.87	0.78	0.86	9.45	ppb
Cadmium	111-1	1.15	1.15	1.12	1.14	1.57	ppb
Calcium	43-1	398.81	388.37	398.57	395.25	1.51	ppb
Calcium	44-1	387.19	395.33	385.47	389.33	1.35	ppb
Chromium	52-2	1.69	1.61	1.54	1.61	4.60	ppb
Cobalt	59-2	0.98	0.78	0.85	0.87	11.76	ppb
Copper	63-2	2.42	2.03	1.84	2.10	14.06	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				103		%
Holmium	165-2				96		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	54-2	68.05	49.14	46.06	54.42	21.88	ppb
Iron	56-2	56.90	48.38	46.04	50.44	11.33	ppb
Iron	57-2	54.38	44.56	44.23	47.73	12.08	ppb
Krypton	83-1						cps
Lead	207-1	0.76	0.82	0.79	0.79	3.64	ppb
Lead	208-1	0.99	0.86	0.86	0.90	8.48	ppb
Lead	206-1	0.87	0.73	0.87	0.83	9.55	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:43:59	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	462.45	403.47	420.60	428.84	7.07	ppb
Manganese	55-2	1.61	1.03	0.92	1.19	31.67	ppb
Molybdenum	94-1	4.22	4.15	4.23	4.20	1.06	ppb
Molybdenum	95-1	4.11	3.79	4.17	4.02	5.13	ppb
Molybdenum	96-1	4.20	4.36	4.03	4.20	3.89	ppb
Molybdenum	97-1	3.77	4.15	3.93	3.95	4.85	ppb
Molybdenum	98-1	4.17	4.17	4.11	4.15	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.73	0.71	0.78	0.74	5.39	ppb
Phosphorus	31-2	32.16	-39.19	4.73	-0.77		ppb
Potassium	39-2	491.33	441.82	422.97	452.04	7.81	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	10.40	9.91	0.81	7.04	76.75	ppb
Selenium	78-2	5.61	4.17	4.69	4.82	15.10	ppb
Selenium	82-1	5.20	4.73	4.88	4.94	4.93	ppb
Silicon	28-1	-10.45	-8.66	-9.99	-9.70		ppb
Silver	109-1	0.82	0.83	0.87	0.84	3.26	ppb
Silver	107-1	0.85	0.75	0.80	0.80	5.76	ppb
Sodium	23-2	462.19	407.48	428.19	432.62	6.38	ppb
Strontium	86-1	0.86	0.88	0.87	0.87	0.97	ppb
Strontium	88-1	0.73	0.80	0.85	0.79	7.46	ppb
Sulfur	34-1	-2039.86	-2666.96	-3314.81	-2673.88		ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	0.75	1.00	0.88	0.88	14.24	ppb
Thallium	205-1	0.93	0.87	0.88	0.89	3.59	ppb
Tin	118-1	4.03	4.11	4.12	4.08	1.25	ppb
Titanium	47-1	3.75	3.65	3.96	3.79	4.25	ppb
Uranium	238-1	0.73	0.81	0.71	0.75	6.51	ppb
Vanadium	51-2	4.28	4.17	4.12	4.19	1.89	ppb
Yttrium	89-1				103		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:43:59	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	1.87	1.74	1.30	1.64	18.02	ppb
Zirconium	90-1	0.80	0.78	0.80	0.80	1.45	ppb
Zirconium	91-1	0.77	0.78	0.88	0.81	7.54	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	PB133302BL	Instrumnet Name :	P8
Client Sample ID :	PB133302BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:46:52	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.97	1.08	0.32	0.14	719.93	ppb
Antimony	121-1	0.02	0.01	0.04	0.02	69.31	ppb
Arsenic	75-2	0.01	-0.05	-0.02	-0.02		ppb
Barium	135-1	0.04	-0.04	-0.02	-0.01		ppb
Barium	137-1	0.06	0.03	0.01	0.03	71.26	ppb
Beryllium	9-1	0.06	0.05	0.04	0.05	22.58	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	11-1	10.26	9.29	9.18	9.58	6.21	ppb
Boron	10-1	9.75	10.82	8.15	9.57	14.00	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.84	0.34	1.50	0.33	350.90	ppb
Cadmium	108-1	-0.13	0.03	-0.14	-0.08		ppb
Cadmium	111-1	-0.04	0.03	0.11	0.03	236.99	ppb
Calcium	43-1	0.52	3.57	2.18	2.09	73.02	ppb
Calcium	44-1	-3.37	-8.68	-7.36	-6.47		ppb
Chromium	52-2	-0.02	-0.05	-0.04	-0.04		ppb
Cobalt	59-2	0.01	0.01	0.03	0.02	52.72	ppb
Copper	63-2	0.11	0.09	0.22	0.14	49.72	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				99		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	2.75	2.54	-0.54	1.58	116.24	ppb
Iron	56-2	1.21	1.49	0.97	1.22	21.33	ppb
Iron	57-2	-0.21	-0.71	4.75	1.27	237.19	ppb
Krypton	83-1						cps
Lead	207-1	0.07	0.09	0.13	0.10	34.16	ppb
Lead	208-1	0.16	0.03	0.06	0.08	79.68	ppb
Lead	206-1	0.05	0.01	0.07	0.05	62.99	ppb

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : PB133302BL Instrumnet Name : P8
 Client Sample ID : PB133302BL Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 15:46:52 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	2.36	0.33	2.13	1.61	69.23	ppb
Manganese	55-2	-0.02	0.07	-0.06	-0.01		ppb
Molybdenum	94-1	0.05	0.00	0.07	0.04	89.97	ppb
Molybdenum	95-1	0.03	0.00	0.01	0.01	125.82	ppb
Molybdenum	96-1	0.00	0.01	0.03	0.01	130.57	ppb
Molybdenum	97-1	0.03	0.01	0.01	0.02	70.03	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	66.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.15	0.04	-0.06		ppb
Phosphorus	31-2	-130.51	-36.24	-34.65	-67.13		ppb
Potassium	39-2	38.96	26.35	37.47	34.26	20.10	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	3.12	0.83	0.83	1.59	82.80	ppb
Selenium	78-2	-2.09	-0.97	1.30	-0.59		ppb
Selenium	82-1	2.16	-0.77	1.72	1.03	152.87	ppb
Silicon	28-1	-10.63	-8.16	-0.52	-6.44		ppb
Silver	109-1	-0.01	0.00	0.00	0.00		ppb
Silver	107-1	0.00	-0.01	-0.01	-0.01		ppb
Sodium	23-2	25.93	6.57	10.66	14.38	70.95	ppb
Strontium	86-1	0.11	0.16	0.09	0.12	32.86	ppb
Strontium	88-1	-0.01	0.00	0.00	0.00		ppb
Sulfur	34-1	-14.34	-2015.32	-1360.24	-1129.97		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.08	0.03	0.03	0.05	56.98	ppb
Thallium	205-1	0.07	0.07	0.04	0.06	29.54	ppb
Tin	118-1	0.03	0.00	0.04	0.02	77.52	ppb
Titanium	47-1	0.14	0.07	-0.07	0.05	238.08	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	101.65	ppb
Vanadium	51-2	0.01	-0.01	0.00	0.00	484.31	ppb
Yttrium	89-1				100		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	PB133302BL	Instrumnet Name :	P8
Client Sample ID :	PB133302BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:46:52	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	0.05	-0.39	-0.29	-0.21		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	27.04	ppb
Zirconium	91-1	0.00	0.01	-0.02	0.00		ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	PB133302BS	Instrumnet Name :	P8
Client Sample ID :	PB133302BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:49:43	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.78	34.85	35.79	36.47	5.62	ppb
Antimony	121-1	3.70	3.66	3.78	3.71	1.70	ppb
Arsenic	75-2	2.04	1.92	2.20	2.05	6.85	ppb
Barium	135-1	16.98	18.06	18.51	17.85	4.41	ppb
Barium	137-1	17.95	18.30	18.94	18.40	2.72	ppb
Beryllium	9-1	1.94	1.79	1.86	1.86	3.97	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	11-1	37.14	42.89	49.03	43.02	13.82	ppb
Boron	10-1	36.69	40.26	50.56	42.50	16.93	ppb
Bromine	81-1						cps
Cadmium	106-1	1.74	1.63	-1.04	0.78	202.41	ppb
Cadmium	108-1	1.40	1.18	3.01	1.86	53.74	ppb
Cadmium	111-1	2.21	1.82	1.83	1.95	11.23	ppb
Calcium	43-1	877.24	894.39	892.53	888.05	1.06	ppb
Calcium	44-1	878.60	883.64	906.07	889.44	1.64	ppb
Chromium	52-2	3.65	3.81	3.71	3.73	2.07	ppb
Cobalt	59-2	1.92	1.85	1.75	1.84	4.57	ppb
Copper	63-2	4.13	4.13	3.97	4.08	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				102		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	54-2	367.90	388.03	395.08	383.67	3.68	ppb
Iron	56-2	382.64	372.68	373.66	376.33	1.46	ppb
Iron	57-2	355.25	364.99	352.19	357.47	1.87	ppb
Krypton	83-1						cps
Lead	207-1	1.65	1.74	1.70	1.70	2.62	ppb
Lead	208-1	1.81	1.92	1.79	1.84	3.70	ppb
Lead	206-1	1.83	1.84	1.86	1.84	0.91	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	PB133302BS	Instrumnet Name :	P8
Client Sample ID :	PB133302BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:49:43	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	969.53	940.09	928.51	946.04	2.24	ppb
Manganese	55-2	2.00	2.05	2.01	2.02	1.32	ppb
Molybdenum	94-1	9.25	9.08	8.93	9.08	1.77	ppb
Molybdenum	95-1	9.15	9.14	9.64	9.31	3.09	ppb
Molybdenum	96-1	9.32	9.11	9.40	9.28	1.62	ppb
Molybdenum	97-1	8.35	8.90	9.29	8.85	5.37	ppb
Molybdenum	98-1	8.94	9.39	9.14	9.16	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.83	1.64	1.48	1.65	10.57	ppb
Phosphorus	31-2	-66.54	-42.34	-29.69	-46.19		ppb
Potassium	39-2	982.50	989.05	960.31	977.29	1.54	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	12.51	10.02	5.43	9.32	38.57	ppb
Selenium	78-2	10.36	11.12	9.29	10.25	8.97	ppb
Selenium	82-1	9.58	9.39	10.02	9.66	3.34	ppb
Silicon	28-1	2.51	-0.16	3.33	1.90	96.51	ppb
Silver	109-1	1.91	1.83	1.87	1.87	2.26	ppb
Silver	107-1	1.81	1.80	1.85	1.82	1.51	ppb
Sodium	23-2	992.37	969.03	935.66	965.69	2.95	ppb
Strontium	86-1	1.86	2.21	1.89	1.98	9.75	ppb
Strontium	88-1	1.87	1.82	1.83	1.84	1.32	ppb
Sulfur	34-1	-1269.05	-2152.47	-1564.14	-1661.89		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	1.74	1.70	1.71	1.72	1.07	ppb
Thallium	205-1	1.73	1.80	1.92	1.81	5.31	ppb
Tin	118-1	8.78	8.59	8.94	8.77	2.00	ppb
Titanium	47-1	9.19	8.36	9.23	8.93	5.49	ppb
Uranium	238-1	1.63	1.72	1.81	1.72	5.42	ppb
Vanadium	51-2	9.47	8.75	9.03	9.08	4.03	ppb
Yttrium	89-1				100		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	PB133302BS	Instrumnet Name :	P8
Client Sample ID :	PB133302BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:49:43	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	3.49	3.05	3.64	3.39	9.05	ppb
Zirconium	90-1	1.80	1.92	1.79	1.83	3.90	ppb
Zirconium	91-1	1.86	1.80	1.76	1.80	2.76	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-01	Instrumnet Name :	P8
Client Sample ID :	MH0AA3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:52:36	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17091.57	16598.18	16646.67	16778.80	1.62	ppb
Antimony	121-1	7.71	8.02	7.53	7.75	3.25	ppb
Arsenic	75-2	56.42	54.79	54.35	55.19	1.98	ppb
Barium	135-1	636.66	675.25	600.15	637.35	5.89	ppb
Barium	137-1	647.22	678.61	615.00	646.94	4.92	ppb
Beryllium	9-1	2.03	1.83	1.91	1.92	5.14	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	11-1	32.55	36.29	35.56	34.80	5.69	ppb
Boron	10-1	32.83	35.99	36.22	35.01	5.41	ppb
Bromine	81-1						cps
Cadmium	106-1	11.18	11.19	9.73	10.70	7.85	ppb
Cadmium	108-1	9.47	12.17	11.49	11.04	12.75	ppb
Cadmium	111-1	11.06	11.78	10.81	11.22	4.48	ppb
Calcium	43-1	96133.29	100353.08	89882.86	95456.41	5.52	ppb
Calcium	44-1	95840.19	98599.88	88696.18	94378.75	5.42	ppb
Chromium	52-2	26.42	26.07	25.28	25.93	2.26	ppb
Cobalt	59-2	18.64	18.40	17.86	18.30	2.19	ppb
Copper	63-2	250.59	244.26	242.59	245.81	1.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-2	42938.26	41917.10	41360.95	42072.10	1.90	ppb
Iron	56-2	42476.04	42064.10	41285.37	41941.84	1.44	ppb
Iron	57-2	41843.07	40954.91	40582.18	41126.72	1.58	ppb
Krypton	83-1						cps
Lead	207-1	981.45	990.99	913.93	962.12	4.37	ppb
Lead	208-1	1069.45	1130.78	1040.61	1080.28	4.26	ppb
Lead	206-1	1040.34	1061.54	982.51	1028.13	3.98	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-01	Instrumnet Name :	P8
Client Sample ID :	MH0AA3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:52:36	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	11587.75	11235.66	11177.99	11333.80	1.96	ppb
Manganese	55-2	1184.57	1142.54	1152.02	1159.71	1.90	ppb
Molybdenum	94-1	9.55	9.71	9.22	9.49	2.64	ppb
Molybdenum	95-1	6.69	6.98	6.48	6.71	3.72	ppb
Molybdenum	96-1	7.08	7.54	6.94	7.19	4.39	ppb
Molybdenum	97-1	6.59	6.62	6.53	6.58	0.69	ppb
Molybdenum	98-1	6.82	6.82	6.30	6.65	4.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.58	45.86	45.18	45.87	1.52	ppb
Phosphorus	31-2	3247.98	3252.35	3381.34	3293.89	2.30	ppb
Potassium	39-2	5634.61	5450.82	5507.70	5531.04	1.70	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				103		%
Selenium	77-2	48.14	37.88	31.71	39.24	21.14	ppb
Selenium	78-2	5.87	6.46	5.00	5.78	12.74	ppb
Selenium	82-1	3.02	4.30	3.12	3.48	20.38	ppb
Silicon	28-1	1250.63	1337.75	1152.51	1246.96	7.43	ppb
Silver	109-1	3.98	4.05	3.67	3.90	5.18	ppb
Silver	107-1	3.95	4.17	3.61	3.91	7.26	ppb
Sodium	23-2	998.06	983.98	965.41	982.48	1.67	ppb
Strontium	86-1	469.18	476.06	459.49	468.24	1.78	ppb
Strontium	88-1	461.14	490.53	462.12	471.26	3.54	ppb
Sulfur	34-1	292.01	777.29	-4642.11	-1190.94		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	1.09	1.03	1.00	1.04	4.67	ppb
Thallium	205-1	1.00	1.17	1.08	1.08	8.00	ppb
Tin	118-1	43.11	44.90	40.77	42.93	4.83	ppb
Titanium	47-1	339.69	348.97	325.48	338.05	3.50	ppb
Uranium	238-1	4.53	4.71	4.33	4.52	4.15	ppb
Vanadium	51-2	72.54	72.11	72.39	72.34	0.30	ppb
Yttrium	89-1				111		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-01	Instrumnet Name :	P8
Client Sample ID :	MH0AA3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:52:36	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				109		%
Zinc	66-2	1208.55	1186.99	1187.42	1194.32	1.03	ppb
Zirconium	90-1	3.12	3.43	3.11	3.22	5.69	ppb
Zirconium	91-1	3.25	3.01	3.05	3.11	4.03	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-02	Instrumnet Name :	P8
Client Sample ID :	MH0AA4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:55:25	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13134.08	13422.08	13170.37	13242.18	1.18	ppb
Antimony	121-1	1.28	1.43	1.35	1.35	5.44	ppb
Arsenic	75-2	33.42	35.40	34.50	34.44	2.88	ppb
Barium	135-1	461.28	461.50	464.73	462.50	0.42	ppb
Barium	137-1	469.25	465.51	473.64	469.47	0.87	ppb
Beryllium	9-1	1.11	1.05	1.11	1.09	3.21	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	11-1	14.29	13.91	13.42	13.87	3.13	ppb
Boron	10-1	14.46	15.32	12.79	14.19	9.07	ppb
Bromine	81-1						cps
Cadmium	106-1	2.29	2.39	4.03	2.90	33.59	ppb
Cadmium	108-1	1.31	1.42	1.44	1.39	5.23	ppb
Cadmium	111-1	1.74	1.50	1.73	1.66	8.21	ppb
Calcium	43-1	148314.18	142006.12	143419.10	144579.80	2.29	ppb
Calcium	44-1	147006.88	142244.57	142521.69	143924.38	1.86	ppb
Chromium	52-2	14.90	15.08	14.88	14.96	0.75	ppb
Cobalt	59-2	12.50	13.32	12.84	12.89	3.20	ppb
Copper	63-2	54.41	56.01	54.03	54.82	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				103		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	25769.91	26781.03	26151.90	26234.28	1.95	ppb
Iron	56-2	25899.90	26732.79	25792.75	26141.81	1.97	ppb
Iron	57-2	25264.77	26566.37	25529.87	25787.00	2.67	ppb
Krypton	83-1						cps
Lead	207-1	32.96	32.22	32.00	32.39	1.55	ppb
Lead	208-1	35.53	35.02	34.96	35.17	0.89	ppb
Lead	206-1	35.88	36.28	35.93	36.03	0.61	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-02	Instrumnet Name :	P8
Client Sample ID :	MH0AA4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:55:25	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	9139.72	9395.11	9256.68	9263.83	1.38	ppb
Manganese	55-2	512.75	532.08	515.74	520.19	2.00	ppb
Molybdenum	94-1	4.83	4.86	4.47	4.72	4.55	ppb
Molybdenum	95-1	2.72	3.02	2.45	2.73	10.40	ppb
Molybdenum	96-1	3.20	3.10	3.15	3.15	1.53	ppb
Molybdenum	97-1	3.06	2.61	2.92	2.86	8.05	ppb
Molybdenum	98-1	2.90	2.89	2.70	2.83	3.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.67	26.43	26.50	26.54	0.47	ppb
Phosphorus	31-2	2191.14	2058.54	2195.05	2148.24	3.62	ppb
Potassium	39-2	3237.48	3393.66	3296.70	3309.28	2.38	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	77-2	23.97	25.14	20.15	23.09	11.31	ppb
Selenium	78-2	3.99	2.42	1.74	2.72	42.45	ppb
Selenium	82-1	2.39	0.89	2.33	1.87	45.35	ppb
Silicon	28-1	1222.92	1140.06	1162.83	1175.27	3.64	ppb
Silver	109-1	0.37	0.32	0.38	0.36	8.61	ppb
Silver	107-1	0.33	0.32	0.35	0.33	4.73	ppb
Sodium	23-2	357.88	396.70	379.55	378.05	5.15	ppb
Strontium	86-1	235.61	232.81	230.97	233.13	1.00	ppb
Strontium	88-1	242.21	234.63	231.07	235.97	2.41	ppb
Sulfur	34-1	-1436.70	-5542.04	-4289.08	-3755.94		ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.42	0.53	0.64	0.53	20.58	ppb
Thallium	205-1	0.59	0.56	0.61	0.58	4.27	ppb
Tin	118-1	1.33	1.43	1.36	1.37	4.06	ppb
Titanium	47-1	216.24	211.52	210.56	212.77	1.43	ppb
Uranium	238-1	3.23	3.14	3.24	3.20	1.70	ppb
Vanadium	51-2	72.84	74.75	72.97	73.52	1.45	ppb
Yttrium	89-1				108		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-02	Instrumnet Name :	P8
Client Sample ID :	MH0AA4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:55:25	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	138.37	141.90	137.54	139.27	1.66	ppb
Zirconium	90-1	2.12	2.10	2.00	2.07	3.08	ppb
Zirconium	91-1	2.02	1.99	1.81	1.94	5.85	ppb

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : L4878-03 Instrumnet Name : P8
 Client Sample ID : MH0AA4D Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 15:58:15 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13249.92	12494.60	13098.78	12947.77	3.09	ppb
Antimony	121-1	1.36	1.36	1.28	1.33	3.39	ppb
Arsenic	75-2	34.74	30.68	32.83	32.75	6.20	ppb
Barium	135-1	457.42	470.13	421.42	449.66	5.62	ppb
Barium	137-1	472.87	472.32	429.35	458.18	5.45	ppb
Beryllium	9-1	1.11	1.03	0.99	1.04	5.90	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	11-1	9.91	10.84	9.42	10.06	7.17	ppb
Boron	10-1	10.39	10.59	10.48	10.49	0.93	ppb
Bromine	81-1						cps
Cadmium	106-1	0.74	3.12	4.24	2.70	66.32	ppb
Cadmium	108-1	0.96	0.85	1.59	1.13	35.35	ppb
Cadmium	111-1	1.61	1.66	1.65	1.64	1.53	ppb
Calcium	43-1	147139.92	147047.18	137699.91	143962.34	3.77	ppb
Calcium	44-1	145927.33	147543.00	132296.07	141922.13	5.90	ppb
Chromium	52-2	14.92	14.37	14.15	14.48	2.73	ppb
Cobalt	59-2	13.11	11.88	12.74	12.58	5.01	ppb
Copper	63-2	55.34	51.26	53.42	53.34	3.83	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				106		%
Holmium	165-2				101		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	54-2	26237.50	24782.93	25912.95	25644.46	2.98	ppb
Iron	56-2	26025.22	24691.36	25808.92	25508.50	2.81	ppb
Iron	57-2	25873.74	24073.42	25469.57	25138.91	3.76	ppb
Krypton	83-1						cps
Lead	207-1	32.25	32.64	30.44	31.78	3.69	ppb
Lead	208-1	35.94	37.92	32.45	35.44	7.82	ppb
Lead	206-1	36.26	36.12	33.22	35.20	4.87	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-03	Instrumnet Name :	P8
Client Sample ID :	MH0AA4D	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:58:15	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				113		%
Magnesium	24-2	9205.34	8696.37	9159.63	9020.44	3.12	ppb
Manganese	55-2	519.64	486.78	502.67	503.03	3.27	ppb
Molybdenum	94-1	5.18	4.89	4.53	4.87	6.73	ppb
Molybdenum	95-1	2.76	2.82	2.56	2.71	5.05	ppb
Molybdenum	96-1	3.23	3.15	2.78	3.06	7.83	ppb
Molybdenum	97-1	2.94	2.69	2.46	2.70	8.91	ppb
Molybdenum	98-1	2.75	3.11	2.51	2.79	10.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.02	25.17	26.94	26.38	3.98	ppb
Phosphorus	31-2	2199.00	2152.68	1941.87	2097.85	6.53	ppb
Potassium	39-2	3248.30	3069.30	3146.44	3154.68	2.85	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	77-2	20.27	34.05	28.56	27.63	25.11	ppb
Selenium	78-2	3.75	2.11	6.26	4.04	51.80	ppb
Selenium	82-1	2.22	1.82	1.24	1.76	28.20	ppb
Silicon	28-1	1191.79	1226.76	1106.17	1174.91	5.28	ppb
Silver	109-1	0.29	0.36	0.35	0.33	11.15	ppb
Silver	107-1	0.38	0.37	0.41	0.38	5.60	ppb
Sodium	23-2	382.25	355.45	378.59	372.10	3.91	ppb
Strontium	86-1	238.16	242.38	216.42	232.32	6.00	ppb
Strontium	88-1	244.94	243.85	215.70	234.83	7.06	ppb
Sulfur	34-1	-2511.23	-3226.27	-5870.60	-3869.37		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.52	0.59	0.45	0.52	12.56	ppb
Thallium	205-1	0.53	0.54	0.50	0.52	3.96	ppb
Tin	118-1	1.48	1.40	1.30	1.39	6.19	ppb
Titanium	47-1	212.36	220.05	202.72	211.71	4.10	ppb
Uranium	238-1	3.05	3.19	2.96	3.07	3.76	ppb
Vanadium	51-2	74.21	70.02	73.68	72.64	3.14	ppb
Yttrium	89-1				109		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-03	Instrumnet Name :	P8
Client Sample ID :	MH0AA4D	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:58:15	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	133.78	125.45	134.58	131.27	3.85	ppb
Zirconium	90-1	2.05	2.12	1.93	2.03	4.78	ppb
Zirconium	91-1	2.32	2.25	1.99	2.19	8.01	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-02LX5	Instrumnet Name :	P8
Client Sample ID :	MH0AA4L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-03 16:01:04	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2405.44	2450.40	2461.40	2439.08	1.22	ppb
Antimony	121-1	0.22	0.28	0.26	0.26	11.06	ppb
Arsenic	75-2	6.56	6.27	6.24	6.36	2.84	ppb
Barium	135-1	83.15	85.46	86.19	84.93	1.87	ppb
Barium	137-1	84.97	87.80	87.26	86.68	1.74	ppb
Beryllium	9-1	0.19	0.18	0.23	0.20	14.72	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	4.83	4.92	5.30	5.02	4.99	ppb
Boron	10-1	6.40	5.08	6.10	5.86	11.77	ppb
Bromine	81-1						cps
Cadmium	106-1	1.03	1.62	1.69	1.45	25.27	ppb
Cadmium	108-1	0.44	0.11	0.11	0.22	87.15	ppb
Cadmium	111-1	0.28	0.42	0.33	0.34	19.95	ppb
Calcium	43-1	26594.25	26922.76	27281.19	26932.73	1.28	ppb
Calcium	44-1	26652.94	27363.67	27683.50	27233.37	1.94	ppb
Chromium	52-2	2.81	2.78	2.91	2.84	2.48	ppb
Cobalt	59-2	2.31	2.21	2.33	2.29	2.82	ppb
Copper	63-2	10.15	10.09	10.22	10.15	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				102		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	4740.45	4786.83	4738.85	4755.38	0.57	ppb
Iron	56-2	4771.53	4962.10	4779.03	4837.55	2.23	ppb
Iron	57-2	4645.84	4817.96	4776.14	4746.65	1.89	ppb
Krypton	83-1						cps
Lead	207-1	6.05	6.52	6.11	6.23	4.12	ppb
Lead	208-1	6.70	6.62	7.82	7.05	9.52	ppb
Lead	206-1	6.78	7.01	7.09	6.96	2.26	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-02LX5	Instrumnet Name :	P8
Client Sample ID :	MH0AA4L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-03 16:01:04	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	1688.46	1731.88	1733.56	1717.96	1.49	ppb
Manganese	55-2	94.58	97.78	94.67	95.68	1.90	ppb
Molybdenum	94-1	0.96	1.02	1.00	0.99	2.82	ppb
Molybdenum	95-1	0.56	0.50	0.47	0.51	9.71	ppb
Molybdenum	96-1	0.56	0.58	0.55	0.56	2.86	ppb
Molybdenum	97-1	0.47	0.66	0.43	0.52	23.56	ppb
Molybdenum	98-1	0.46	0.53	0.49	0.49	6.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.52	4.92	5.07	4.84	5.80	ppb
Phosphorus	31-2	249.64	352.70	368.02	323.45	19.91	ppb
Potassium	39-2	614.35	655.89	639.39	636.54	3.29	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	0.73	7.47	11.91	6.70	84.02	ppb
Selenium	78-2	1.62	-0.88	0.50	0.41	302.07	ppb
Selenium	82-1	-0.63	-1.11	-0.60	-0.78		ppb
Silicon	28-1	211.56	203.93	218.06	211.18	3.35	ppb
Silver	109-1	0.19	0.16	0.14	0.16	16.48	ppb
Silver	107-1	0.13	0.15	0.13	0.14	7.80	ppb
Sodium	23-2	106.46	108.21	112.22	108.96	2.71	ppb
Strontium	86-1	43.75	45.56	44.34	44.55	2.07	ppb
Strontium	88-1	44.68	46.17	46.71	45.85	2.29	ppb
Sulfur	34-1	-2449.74	-4173.02	-3073.48	-3232.08		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.20	0.13	0.08	0.13	42.97	ppb
Thallium	205-1	0.09	0.08	0.10	0.09	12.63	ppb
Tin	118-1	0.18	0.27	0.30	0.25	24.62	ppb
Titanium	47-1	39.33	39.02	39.43	39.26	0.53	ppb
Uranium	238-1	0.53	0.58	0.58	0.56	5.31	ppb
Vanadium	51-2	13.11	13.76	13.57	13.48	2.47	ppb
Yttrium	89-1				102		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-02LX5	Instrumnet Name :	P8
Client Sample ID :	MH0AA4L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-03 16:01:04	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	28.26	25.46	25.20	26.31	6.45	ppb
Zirconium	90-1	0.34	0.46	0.38	0.39	14.50	ppb
Zirconium	91-1	0.39	0.40	0.41	0.40	2.78	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-04	Instrumnet Name :	P8
Client Sample ID :	MH0AA4S	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:03:54	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14053.24	13827.64	14015.26	13965.38	0.86	ppb
Antimony	121-1	12.60	13.30	13.99	13.29	5.21	ppb
Arsenic	75-2	39.26	39.97	42.16	40.46	3.74	ppb
Barium	135-1	757.74	783.12	826.10	788.99	4.38	ppb
Barium	137-1	769.65	805.99	840.16	805.27	4.38	ppb
Beryllium	9-1	9.81	9.77	9.66	9.75	0.84	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	11-1	7.06	8.75	9.04	8.28	12.92	ppb
Boron	10-1	7.08	8.25	8.39	7.91	9.07	ppb
Bromine	81-1						cps
Cadmium	106-1	9.17	10.88	9.88	9.98	8.58	ppb
Cadmium	108-1	10.87	9.68	11.17	10.57	7.42	ppb
Cadmium	111-1	10.38	11.15	11.02	10.85	3.76	ppb
Calcium	43-1	130232.96	132040.19	143657.49	135310.21	5.38	ppb
Calcium	44-1	128492.04	131554.97	142133.77	134060.26	5.34	ppb
Chromium	52-2	52.03	51.44	52.90	52.12	1.41	ppb
Cobalt	59-2	107.92	106.04	108.81	107.59	1.31	ppb
Copper	63-2	99.80	100.31	103.32	101.14	1.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-2	26790.69	26330.29	26696.19	26605.72	0.91	ppb
Iron	56-2	26751.82	26456.31	26862.63	26690.25	0.79	ppb
Iron	57-2	26483.82	26062.69	26926.07	26490.86	1.63	ppb
Krypton	83-1						cps
Lead	207-1	33.11	34.69	36.64	34.81	5.08	ppb
Lead	208-1	35.40	38.83	37.58	37.27	4.66	ppb
Lead	206-1	35.94	38.84	40.24	38.34	5.72	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-04	Instrumnet Name :	P8
Client Sample ID :	MH0AA4S	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:03:54	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				111		%
Magnesium	24-2	9158.15	9048.25	9282.33	9162.91	1.28	ppb
Manganese	55-2	593.07	590.46	607.32	596.95	1.52	ppb
Molybdenum	94-1	4.74	4.72	5.62	5.03	10.22	ppb
Molybdenum	95-1	3.02	2.59	2.71	2.77	8.10	ppb
Molybdenum	96-1	3.19	3.09	3.14	3.14	1.53	ppb
Molybdenum	97-1	2.92	2.67	3.10	2.90	7.37	ppb
Molybdenum	98-1	2.74	2.70	2.77	2.74	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	121.45	119.05	124.18	121.56	2.11	ppb
Phosphorus	31-2	2168.26	1899.36	1962.13	2009.92	7.00	ppb
Potassium	39-2	3205.39	3145.70	3272.00	3207.70	1.97	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				101		%
Selenium	77-2	34.60	57.51	37.36	43.16	28.98	ppb
Selenium	78-2	18.26	20.70	16.79	18.59	10.63	ppb
Selenium	82-1	15.59	16.26	17.44	16.43	5.72	ppb
Silicon	28-1	1133.25	1130.13	1281.15	1181.51	7.30	ppb
Silver	109-1	8.85	9.44	9.79	9.36	5.08	ppb
Silver	107-1	9.23	9.48	10.02	9.58	4.22	ppb
Sodium	23-2	331.48	336.24	352.41	340.05	3.23	ppb
Strontium	86-1	207.60	218.75	229.10	218.48	4.92	ppb
Strontium	88-1	210.40	218.70	229.79	219.63	4.43	ppb
Sulfur	34-1	-6850.81	-6364.17	-2702.87	-5305.95		ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	9.12	9.69	9.97	9.59	4.56	ppb
Thallium	205-1	8.61	9.34	10.02	9.32	7.55	ppb
Tin	118-1	1.89	2.00	1.85	1.91	4.24	ppb
Titanium	47-1	158.60	161.48	171.73	163.94	4.21	ppb
Uranium	238-1	2.95	3.25	3.52	3.24	8.87	ppb
Vanadium	51-2	164.07	165.30	166.68	165.35	0.79	ppb
Yttrium	89-1				111		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-04	Instrumnet Name :	P8
Client Sample ID :	MH0AA4S	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:03:54	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	223.99	224.55	232.57	227.03	2.11	ppb
Zirconium	90-1	1.99	2.19	2.23	2.13	6.11	ppb
Zirconium	91-1	1.96	2.32	2.47	2.25	11.72	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-05	Instrumnet Name :	P8
Client Sample ID :	MH0AA7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:06:43	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17153.49	17570.62	18161.20	17628.44	2.87	ppb
Antimony	121-1	3.10	3.32	3.76	3.39	9.91	ppb
Arsenic	75-2	41.61	43.22	43.98	42.94	2.83	ppb
Barium	135-1	854.32	911.98	961.11	909.14	5.88	ppb
Barium	137-1	868.35	922.84	975.59	922.26	5.81	ppb
Beryllium	9-1	1.57	1.80	1.62	1.66	7.31	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	11-1	33.16	39.28	44.72	39.05	14.80	ppb
Boron	10-1	32.21	38.86	43.84	38.30	15.24	ppb
Bromine	81-1						cps
Cadmium	106-1	6.46	14.06	10.16	10.23	37.13	ppb
Cadmium	108-1	10.44	9.46	10.79	10.23	6.76	ppb
Cadmium	111-1	9.90	11.13	11.95	10.99	9.39	ppb
Calcium	43-1	104610.22	110258.10	113008.08	109292.14	3.92	ppb
Calcium	44-1	103010.24	108630.72	112167.54	107936.17	4.28	ppb
Chromium	52-2	24.78	25.15	25.50	25.14	1.44	ppb
Cobalt	59-2	12.78	13.13	13.58	13.16	3.05	ppb
Copper	63-2	242.87	249.86	257.93	250.22	3.01	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				101		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	54-2	33859.12	34130.21	36134.78	34708.04	3.58	ppb
Iron	56-2	33196.14	34251.55	35463.42	34303.70	3.31	ppb
Iron	57-2	33046.73	33427.85	35181.55	33885.38	3.36	ppb
Krypton	83-1						cps
Lead	207-1	921.03	959.40	995.90	958.78	3.90	ppb
Lead	208-1	1047.49	1107.29	1104.51	1086.43	3.11	ppb
Lead	206-1	1005.50	1024.85	1070.32	1033.56	3.22	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-05	Instrumnet Name :	P8
Client Sample ID :	MH0AA7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:06:43	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	8702.80	8863.49	9367.87	8978.05	3.87	ppb
Manganese	55-2	2070.86	2154.56	2238.66	2154.69	3.89	ppb
Molybdenum	94-1	6.58	6.79	7.04	6.80	3.38	ppb
Molybdenum	95-1	3.03	2.91	3.22	3.05	5.18	ppb
Molybdenum	96-1	3.67	3.99	3.85	3.84	4.09	ppb
Molybdenum	97-1	3.21	3.16	3.64	3.34	7.84	ppb
Molybdenum	98-1	3.02	3.21	3.16	3.13	3.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.37	29.65	31.08	30.04	3.05	ppb
Phosphorus	31-2	3439.91	3826.87	4070.13	3778.97	8.41	ppb
Potassium	39-2	4172.09	4354.49	4563.39	4363.32	4.49	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	21.27	19.70	33.24	24.74	29.95	ppb
Selenium	78-2	2.54	4.54	6.25	4.44	41.77	ppb
Selenium	82-1	2.88	2.44	2.99	2.77	10.43	ppb
Silicon	28-1	2010.27	2128.98	2133.47	2090.91	3.34	ppb
Silver	109-1	3.40	3.45	3.79	3.55	5.97	ppb
Silver	107-1	3.37	3.54	3.91	3.61	7.71	ppb
Sodium	23-2	1443.98	1497.83	1590.63	1510.81	4.91	ppb
Strontium	86-1	447.34	463.30	480.98	463.87	3.63	ppb
Strontium	88-1	449.74	462.45	484.40	465.53	3.77	ppb
Sulfur	34-1	-1685.94	-11.60	886.80	-270.25		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.49	0.52	0.63	0.55	13.22	ppb
Thallium	205-1	0.49	0.49	0.54	0.51	6.14	ppb
Tin	118-1	22.12	23.51	25.20	23.61	6.53	ppb
Titanium	47-1	289.12	303.24	311.76	301.37	3.79	ppb
Uranium	238-1	3.41	3.28	3.61	3.43	4.81	ppb
Vanadium	51-2	51.35	50.89	54.17	52.14	3.40	ppb
Yttrium	89-1				108		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-05	Instrumnet Name :	P8
Client Sample ID :	MH0AA7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:06:43	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	1522.33	1548.10	1637.20	1569.21	3.84	ppb
Zirconium	90-1	3.09	3.14	3.40	3.21	5.24	ppb
Zirconium	91-1	3.32	3.01	3.23	3.18	5.00	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-06	Instrumnet Name :	P8
Client Sample ID :	MH0AA8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:09:33	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11776.88	11736.68	12721.58	12078.38	4.61	ppb
Antimony	121-1	1.26	1.39	1.35	1.33	5.12	ppb
Arsenic	75-2	19.45	19.16	20.12	19.58	2.51	ppb
Barium	135-1	322.36	333.83	340.27	332.16	2.73	ppb
Barium	137-1	330.33	338.18	343.71	337.41	1.99	ppb
Beryllium	9-1	1.10	0.80	0.92	0.94	15.70	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	11-1	12.44	11.77	12.93	12.38	4.70	ppb
Boron	10-1	12.88	11.93	13.11	12.64	4.93	ppb
Bromine	81-1						cps
Cadmium	106-1	4.34	3.36	3.57	3.75	13.68	ppb
Cadmium	108-1	2.22	2.39	1.37	1.99	27.39	ppb
Cadmium	111-1	2.15	2.19	2.05	2.13	3.50	ppb
Calcium	43-1	72844.56	73050.40	75307.26	73734.07	1.85	ppb
Calcium	44-1	71916.30	72561.72	75343.59	73273.87	2.49	ppb
Chromium	52-2	15.61	15.56	16.64	15.94	3.82	ppb
Cobalt	59-2	11.23	11.53	12.50	11.75	5.64	ppb
Copper	63-2	99.02	99.13	107.00	101.72	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				104		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	24839.95	24638.93	27309.90	25596.26	5.81	ppb
Iron	56-2	24806.91	25021.73	27170.42	25666.35	5.09	ppb
Iron	57-2	24626.30	24421.26	26620.15	25222.57	4.82	ppb
Krypton	83-1						cps
Lead	207-1	103.62	103.98	107.17	104.92	1.86	ppb
Lead	208-1	107.78	113.28	118.63	113.23	4.79	ppb
Lead	206-1	110.38	115.64	118.72	114.91	3.67	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-06	Instrumnet Name :	P8
Client Sample ID :	MH0AA8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:09:33	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				111		%
Magnesium	24-2	8277.10	8278.33	8900.84	8485.42	4.24	ppb
Manganese	55-2	531.81	532.41	571.75	545.32	4.20	ppb
Molybdenum	94-1	4.12	4.37	4.67	4.38	6.24	ppb
Molybdenum	95-1	2.93	2.82	2.62	2.79	5.60	ppb
Molybdenum	96-1	3.20	2.95	3.19	3.11	4.64	ppb
Molybdenum	97-1	2.72	2.98	2.72	2.80	5.38	ppb
Molybdenum	98-1	3.03	2.95	2.77	2.92	4.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.40	23.87	26.69	24.99	5.99	ppb
Phosphorus	31-2	2134.47	1950.88	2028.58	2037.97	4.52	ppb
Potassium	39-2	3470.20	3480.18	3711.83	3554.07	3.85	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	21.67	35.38	14.10	23.72	45.48	ppb
Selenium	78-2	3.51	2.73	3.46	3.23	13.46	ppb
Selenium	82-1	1.99	2.50	0.41	1.63	66.85	ppb
Silicon	28-1	1347.76	1381.93	1418.26	1382.65	2.55	ppb
Silver	109-1	0.46	0.47	0.60	0.51	15.14	ppb
Silver	107-1	0.48	0.52	0.51	0.50	4.85	ppb
Sodium	23-2	312.04	305.05	364.96	327.35	10.01	ppb
Strontium	86-1	161.44	163.96	164.67	163.36	1.04	ppb
Strontium	88-1	166.32	170.54	170.83	169.23	1.49	ppb
Sulfur	34-1	-5023.89	-4955.88	-3850.63	-4610.13		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.52	0.47	0.40	0.46	12.51	ppb
Thallium	205-1	0.48	0.49	0.54	0.50	6.96	ppb
Tin	118-1	3.03	3.20	3.15	3.12	2.72	ppb
Titanium	47-1	188.42	188.71	192.99	190.04	1.35	ppb
Uranium	238-1	2.39	2.47	2.57	2.48	3.51	ppb
Vanadium	51-2	54.91	54.10	59.56	56.19	5.25	ppb
Yttrium	89-1				107		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-06	Instrumnet Name :	P8
Client Sample ID :	MH0AA8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:09:33	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	233.01	230.72	247.31	237.01	3.79	ppb
Zirconium	90-1	1.64	1.65	1.68	1.65	1.18	ppb
Zirconium	91-1	1.87	1.68	1.43	1.66	13.22	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-07	Instrumnet Name :	P8
Client Sample ID :	MH0AA9	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:12:21	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18129.84	18492.05	18502.96	18374.95	1.16	ppb
Antimony	121-1	4.31	4.37	4.51	4.40	2.25	ppb
Arsenic	75-2	29.24	30.66	30.52	30.14	2.61	ppb
Barium	135-1	589.78	618.54	618.98	609.10	2.75	ppb
Barium	137-1	594.29	626.88	624.78	615.31	2.96	ppb
Beryllium	9-1	1.95	1.92	1.94	1.94	0.81	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	11-1	15.15	17.94	17.64	16.91	9.05	ppb
Boron	10-1	14.76	17.92	20.37	17.68	15.89	ppb
Bromine	81-1						cps
Cadmium	106-1	4.84	9.44	8.54	7.61	32.06	ppb
Cadmium	108-1	9.33	7.83	7.98	8.38	9.86	ppb
Cadmium	111-1	8.22	8.26	8.87	8.45	4.36	ppb
Calcium	43-1	85353.41	88056.02	90125.88	87845.10	2.72	ppb
Calcium	44-1	84834.51	88811.72	89499.59	87715.27	2.87	ppb
Chromium	52-2	31.67	31.32	31.80	31.60	0.79	ppb
Cobalt	59-2	19.23	19.58	19.72	19.51	1.28	ppb
Copper	63-2	192.15	192.45	194.73	193.11	0.73	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				101		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	54-2	41197.10	41676.56	42265.83	41713.16	1.28	ppb
Iron	56-2	41298.45	41600.00	41496.51	41464.98	0.37	ppb
Iron	57-2	40399.67	40769.02	41235.26	40801.32	1.03	ppb
Krypton	83-1						cps
Lead	207-1	611.59	643.08	659.42	638.03	3.81	ppb
Lead	208-1	705.36	717.23	719.04	713.88	1.04	ppb
Lead	206-1	663.52	677.04	694.73	678.43	2.31	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-07	Instrumnet Name :	P8
Client Sample ID :	MH0AA9	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:12:21	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				113		%
Magnesium	24-2	13793.41	13929.14	14170.99	13964.51	1.37	ppb
Manganese	55-2	1295.10	1310.99	1332.39	1312.83	1.43	ppb
Molybdenum	94-1	6.76	6.81	7.44	7.00	5.38	ppb
Molybdenum	95-1	3.82	4.19	4.34	4.12	6.49	ppb
Molybdenum	96-1	4.32	4.48	4.67	4.49	3.88	ppb
Molybdenum	97-1	4.06	4.01	4.21	4.09	2.53	ppb
Molybdenum	98-1	3.90	3.93	4.24	4.02	4.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.88	42.45	43.97	43.10	1.81	ppb
Phosphorus	31-2	3168.26	3502.30	3234.80	3301.79	5.35	ppb
Potassium	39-2	6090.76	6203.77	6195.53	6163.35	1.02	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	77-2	25.60	53.64	36.65	38.63	36.56	ppb
Selenium	78-2	4.68	7.78	3.21	5.23	44.61	ppb
Selenium	82-1	3.95	1.99	1.89	2.61	44.61	ppb
Silicon	28-1	929.27	966.69	982.85	959.60	2.86	ppb
Silver	109-1	19.39	20.33	20.24	19.99	2.59	ppb
Silver	107-1	19.17	20.13	20.00	19.76	2.64	ppb
Sodium	23-2	827.78	825.61	844.11	832.50	1.21	ppb
Strontium	86-1	369.05	374.58	388.21	377.28	2.61	ppb
Strontium	88-1	370.91	383.32	394.84	383.02	3.13	ppb
Sulfur	34-1	-4771.01	-3879.81	-3024.04	-3891.62		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.66	0.80	0.83	0.76	11.67	ppb
Thallium	205-1	0.73	0.77	0.85	0.78	7.41	ppb
Tin	118-1	22.72	23.53	23.20	23.15	1.75	ppb
Titanium	47-1	352.79	379.82	386.94	373.18	4.83	ppb
Uranium	238-1	4.80	4.66	4.82	4.76	1.73	ppb
Vanadium	51-2	66.26	68.91	68.76	67.98	2.19	ppb
Yttrium	89-1				110		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-07	Instrumnet Name :	P8
Client Sample ID :	MH0AA9	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:12:21	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	741.35	741.74	749.72	744.27	0.63	ppb
Zirconium	90-1	2.79	2.79	2.66	2.74	2.69	ppb
Zirconium	91-1	2.69	2.61	2.63	2.65	1.52	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-08	Instrumnet Name :	P8
Client Sample ID :	MH0AB0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:15:12	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10474.52	10440.85	9715.10	10210.15	4.20	ppb
Antimony	121-1	1.73	1.73	1.72	1.72	0.25	ppb
Arsenic	75-2	50.70	50.33	47.12	49.38	3.99	ppb
Barium	135-1	233.85	232.64	228.68	231.72	1.17	ppb
Barium	137-1	234.40	237.49	232.54	234.81	1.07	ppb
Beryllium	9-1	0.86	0.94	0.88	0.89	4.22	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	11-1	7.28	7.79	7.67	7.58	3.49	ppb
Boron	10-1	7.74	8.15	7.52	7.80	4.07	ppb
Bromine	81-1						cps
Cadmium	106-1	3.11	3.50	4.93	3.85	24.93	ppb
Cadmium	108-1	3.18	3.41	3.08	3.23	5.31	ppb
Cadmium	111-1	3.86	3.56	3.54	3.65	4.89	ppb
Calcium	43-1	24827.39	25138.60	24570.80	24845.60	1.14	ppb
Calcium	44-1	24629.19	24996.72	24728.18	24784.70	0.77	ppb
Chromium	52-2	16.77	16.23	15.28	16.09	4.69	ppb
Cobalt	59-2	11.30	10.81	10.25	10.79	4.87	ppb
Copper	63-2	84.96	86.15	79.11	83.41	4.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	54-2	27627.51	27879.71	25827.99	27111.74	4.13	ppb
Iron	56-2	27420.51	27562.78	25709.21	26897.50	3.84	ppb
Iron	57-2	27149.48	27101.83	25328.09	26526.47	3.91	ppb
Krypton	83-1						cps
Lead	207-1	192.15	190.94	194.13	192.41	0.84	ppb
Lead	208-1	210.26	205.39	208.29	207.98	1.18	ppb
Lead	206-1	206.91	204.86	209.36	207.05	1.09	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-08	Instrumnet Name :	P8
Client Sample ID :	MH0AB0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:15:12	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				114		%
Magnesium	24-2	5502.81	5584.06	5077.37	5388.08	5.05	ppb
Manganese	55-2	884.52	887.03	817.64	863.06	4.56	ppb
Molybdenum	94-1	4.08	3.83	3.95	3.95	3.12	ppb
Molybdenum	95-1	2.55	2.17	2.30	2.34	8.25	ppb
Molybdenum	96-1	2.50	2.63	2.30	2.48	6.67	ppb
Molybdenum	97-1	2.25	2.22	2.15	2.21	2.14	ppb
Molybdenum	98-1	2.28	2.18	2.11	2.19	3.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.73	24.08	23.61	24.14	2.33	ppb
Phosphorus	31-2	1735.82	1628.75	1371.47	1578.68	11.86	ppb
Potassium	39-2	3022.23	3067.19	2810.81	2966.74	4.61	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	77-2	22.91	27.30	15.21	21.81	28.07	ppb
Selenium	78-2	0.63	4.39	1.90	2.30	82.89	ppb
Selenium	82-1	-0.66	0.94	1.29	0.52	197.60	ppb
Silicon	28-1	965.83	988.97	967.83	974.21	1.32	ppb
Silver	109-1	1.22	1.19	1.13	1.18	3.85	ppb
Silver	107-1	1.16	1.12	1.08	1.12	3.29	ppb
Sodium	23-2	279.94	295.13	239.57	271.55	10.57	ppb
Strontium	86-1	78.23	79.17	79.33	78.91	0.75	ppb
Strontium	88-1	81.09	80.18	80.45	80.57	0.58	ppb
Sulfur	34-1	-5697.32	-4755.64	-5505.33	-5319.43		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.49	0.49	0.43	0.47	7.19	ppb
Thallium	205-1	0.48	0.40	0.45	0.45	8.82	ppb
Tin	118-1	4.86	5.14	4.79	4.93	3.78	ppb
Titanium	47-1	147.24	147.87	153.46	149.52	2.29	ppb
Uranium	238-1	2.14	2.04	2.05	2.08	2.60	ppb
Vanadium	51-2	47.07	47.35	43.71	46.04	4.39	ppb
Yttrium	89-1				107		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-08	Instrumnet Name :	P8
Client Sample ID :	MH0AB0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:15:12	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	523.45	517.79	488.82	510.02	3.64	ppb
Zirconium	90-1	1.41	1.46	1.40	1.42	2.08	ppb
Zirconium	91-1	1.32	1.36	1.49	1.39	6.46	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-09	Instrumnet Name :	P8
Client Sample ID :	MH0AB1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:18:00	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12287.30	12279.01	11664.14	12076.82	2.96	ppb
Antimony	121-1	1.58	1.58	1.54	1.56	1.56	ppb
Arsenic	75-2	33.46	32.51	32.14	32.70	2.07	ppb
Barium	135-1	382.64	378.07	360.83	373.85	3.08	ppb
Barium	137-1	384.30	374.56	366.61	375.16	2.36	ppb
Beryllium	9-1	1.12	1.27	1.13	1.17	7.27	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	11-1	7.74	8.18	8.55	8.16	4.96	ppb
Boron	10-1	8.47	8.41	8.11	8.33	2.34	ppb
Bromine	81-1						cps
Cadmium	106-1	3.87	8.31	6.11	6.10	36.38	ppb
Cadmium	108-1	4.20	4.83	3.55	4.20	15.30	ppb
Cadmium	111-1	4.12	4.86	4.07	4.35	10.19	ppb
Calcium	43-1	90312.39	93535.90	89322.29	91056.86	2.42	ppb
Calcium	44-1	90991.42	93739.75	88092.39	90941.19	3.11	ppb
Chromium	52-2	15.41	15.72	15.11	15.41	1.96	ppb
Cobalt	59-2	13.75	12.97	13.07	13.26	3.21	ppb
Copper	63-2	184.45	182.60	176.84	181.29	2.19	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				101		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	54-2	29528.16	29763.07	28484.05	29258.43	2.33	ppb
Iron	56-2	29654.98	29587.03	28523.06	29255.02	2.17	ppb
Iron	57-2	29291.13	29203.87	28150.03	28881.68	2.20	ppb
Krypton	83-1						cps
Lead	207-1	189.72	197.73	187.59	191.68	2.79	ppb
Lead	208-1	208.39	216.47	202.20	209.02	3.42	ppb
Lead	206-1	203.06	212.07	198.07	204.40	3.47	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-09	Instrumnet Name :	P8
Client Sample ID :	MH0AB1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:18:00	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				112		%
Magnesium	24-2	8067.87	7992.15	7625.37	7895.13	3.00	ppb
Manganese	55-2	939.39	932.28	896.53	922.73	2.49	ppb
Molybdenum	94-1	4.77	4.90	4.54	4.74	3.86	ppb
Molybdenum	95-1	2.92	2.86	2.92	2.90	1.22	ppb
Molybdenum	96-1	3.10	3.40	3.04	3.18	6.05	ppb
Molybdenum	97-1	2.96	2.70	2.66	2.77	5.83	ppb
Molybdenum	98-1	2.79	2.90	2.90	2.86	2.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.07	30.26	29.64	29.99	1.06	ppb
Phosphorus	31-2	2270.06	2222.64	1909.60	2134.10	9.18	ppb
Potassium	39-2	3258.09	3307.15	3173.54	3246.26	2.08	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	28.85	20.29	30.05	26.39	20.17	ppb
Selenium	78-2	0.78	3.37	1.04	1.73	82.27	ppb
Selenium	82-1	1.04	0.51	0.80	0.78	34.20	ppb
Silicon	28-1	1111.64	1176.22	1103.75	1130.53	3.52	ppb
Silver	109-1	1.42	1.45	1.39	1.42	1.97	ppb
Silver	107-1	1.49	1.58	1.41	1.49	5.68	ppb
Sodium	23-2	384.78	384.17	381.97	383.64	0.38	ppb
Strontium	86-1	219.18	223.15	212.90	218.41	2.37	ppb
Strontium	88-1	221.68	226.11	218.23	222.00	1.78	ppb
Sulfur	34-1	-3821.78	-2808.01	-4525.87	-3718.55		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.55	0.67	0.59	0.60	10.38	ppb
Thallium	205-1	0.63	0.69	0.59	0.64	8.52	ppb
Tin	118-1	8.89	8.92	8.08	8.63	5.50	ppb
Titanium	47-1	160.52	169.77	160.64	163.64	3.24	ppb
Uranium	238-1	2.64	2.73	2.60	2.66	2.56	ppb
Vanadium	51-2	58.48	59.22	56.51	58.07	2.41	ppb
Yttrium	89-1				105		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-09	Instrumnet Name :	P8
Client Sample ID :	MH0AB1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:18:00	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	661.40	651.12	634.10	648.87	2.13	ppb
Zirconium	90-1	1.75	1.85	1.76	1.78	3.09	ppb
Zirconium	91-1	1.86	1.88	1.49	1.74	12.42	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-10	Instrumnet Name :	P8
Client Sample ID :	MH0AB2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:20:50	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17437.39	17399.64	16731.89	17189.64	2.31	ppb
Antimony	121-1	1.68	1.84	1.72	1.75	4.77	ppb
Arsenic	75-2	74.01	72.71	68.92	71.88	3.68	ppb
Barium	135-1	450.08	482.78	455.68	462.85	3.78	ppb
Barium	137-1	460.53	492.14	460.51	471.06	3.88	ppb
Beryllium	9-1	1.16	1.41	1.25	1.27	9.90	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	11-1	11.72	13.16	14.34	13.07	10.05	ppb
Boron	10-1	10.61	12.62	14.87	12.70	16.79	ppb
Bromine	81-1						cps
Cadmium	106-1	3.79	7.32	6.78	5.97	31.85	ppb
Cadmium	108-1	3.11	3.13	2.23	2.83	18.19	ppb
Cadmium	111-1	2.63	3.25	2.91	2.93	10.55	ppb
Calcium	43-1	127019.17	129859.37	126355.61	127744.71	1.46	ppb
Calcium	44-1	125837.08	128202.89	124938.98	126326.32	1.33	ppb
Chromium	52-2	18.83	18.93	18.21	18.66	2.10	ppb
Cobalt	59-2	14.99	15.00	14.85	14.95	0.55	ppb
Copper	63-2	66.19	66.24	63.85	65.42	2.09	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				103		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	32368.43	32503.66	30930.31	31934.13	2.73	ppb
Iron	56-2	32571.05	32487.83	30817.13	31958.67	3.10	ppb
Iron	57-2	31879.61	32005.43	30610.49	31498.51	2.45	ppb
Krypton	83-1						cps
Lead	207-1	96.66	99.55	95.75	97.32	2.04	ppb
Lead	208-1	103.74	109.30	101.22	104.75	3.94	ppb
Lead	206-1	105.04	109.61	103.43	106.03	3.03	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-10	Instrumnet Name :	P8
Client Sample ID :	MH0AB2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:20:50	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				111		%
Magnesium	24-2	11439.76	11375.68	10993.72	11269.72	2.14	ppb
Manganese	55-2	634.37	625.76	612.08	624.07	1.80	ppb
Molybdenum	94-1	5.76	5.86	5.72	5.78	1.20	ppb
Molybdenum	95-1	3.52	3.54	3.42	3.49	1.80	ppb
Molybdenum	96-1	3.52	3.82	3.98	3.77	6.27	ppb
Molybdenum	97-1	3.26	3.64	3.61	3.50	5.96	ppb
Molybdenum	98-1	3.30	3.38	3.23	3.31	2.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.57	32.83	31.63	33.01	4.47	ppb
Phosphorus	31-2	2165.12	2603.19	2356.77	2375.02	9.25	ppb
Potassium	39-2	3828.87	3881.70	3707.51	3806.03	2.35	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	77-2	33.94	24.73	19.70	26.12	27.65	ppb
Selenium	78-2	6.37	3.02	3.59	4.33	41.37	ppb
Selenium	82-1	1.33	1.20	2.34	1.62	38.54	ppb
Silicon	28-1	1160.69	1165.59	1107.08	1144.45	2.84	ppb
Silver	109-1	0.74	0.85	0.76	0.78	7.34	ppb
Silver	107-1	0.74	0.81	0.83	0.79	6.30	ppb
Sodium	23-2	1527.71	1548.24	1481.57	1519.17	2.25	ppb
Strontium	86-1	258.05	272.87	265.95	265.63	2.79	ppb
Strontium	88-1	266.38	277.24	269.95	271.19	2.04	ppb
Sulfur	34-1	1413.02	1451.85	24.60	963.16	84.41	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.50	0.52	0.57	0.53	6.78	ppb
Thallium	205-1	0.56	0.63	0.53	0.58	9.03	ppb
Tin	118-1	6.18	6.35	6.27	6.27	1.37	ppb
Titanium	47-1	149.14	151.63	144.41	148.39	2.47	ppb
Uranium	238-1	3.38	3.48	3.30	3.39	2.61	ppb
Vanadium	51-2	82.98	82.76	79.23	81.66	2.58	ppb
Yttrium	89-1				106		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-10	Instrumnet Name :	P8
Client Sample ID :	MH0AB2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:20:50	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	210.74	207.21	200.28	206.08	2.58	ppb
Zirconium	90-1	2.22	2.31	2.35	2.29	3.06	ppb
Zirconium	91-1	2.15	2.11	2.14	2.13	0.94	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-11	Instrumnet Name :	P8
Client Sample ID :	MH0AB3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:23:39	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16743.09	16781.95	16710.33	16745.13	0.21	ppb
Antimony	121-1	7.18	7.61	7.37	7.39	2.88	ppb
Arsenic	75-2	97.85	98.49	100.09	98.81	1.17	ppb
Barium	135-1	834.23	827.71	845.19	835.71	1.06	ppb
Barium	137-1	843.04	854.20	858.82	852.02	0.95	ppb
Beryllium	9-1	2.16	2.28	2.13	2.19	3.65	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	11-1	31.77	39.20	42.86	37.94	14.89	ppb
Boron	10-1	33.54	39.35	41.01	37.96	10.34	ppb
Bromine	81-1						cps
Cadmium	106-1	13.47	11.12	16.19	13.59	18.65	ppb
Cadmium	108-1	14.25	14.49	14.58	14.44	1.19	ppb
Cadmium	111-1	13.48	13.90	14.46	13.95	3.53	ppb
Calcium	43-1	122771.06	124555.92	128183.53	125170.17	2.20	ppb
Calcium	44-1	120842.64	124854.94	125170.76	123622.78	1.95	ppb
Chromium	52-2	38.21	37.27	37.32	37.60	1.41	ppb
Cobalt	59-2	21.13	21.30	20.96	21.13	0.83	ppb
Copper	63-2	215.81	216.21	214.69	215.57	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	54-2	45627.40	46055.86	45840.07	45841.11	0.47	ppb
Iron	56-2	44777.69	45327.22	44345.67	44816.86	1.10	ppb
Iron	57-2	43963.16	44927.26	44187.53	44359.32	1.14	ppb
Krypton	83-1						cps
Lead	207-1	946.14	971.40	968.81	962.12	1.44	ppb
Lead	208-1	1034.66	1087.03	1081.37	1067.69	2.69	ppb
Lead	206-1	1010.54	1044.63	1035.35	1030.17	1.71	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-11	Instrumnet Name :	P8
Client Sample ID :	MH0AB3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:23:39	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				114		%
Magnesium	24-2	9562.67	9540.28	9471.18	9524.71	0.50	ppb
Manganese	55-2	1163.04	1170.12	1164.67	1165.95	0.32	ppb
Molybdenum	94-1	11.50	11.01	11.22	11.24	2.20	ppb
Molybdenum	95-1	12.12	12.32	12.36	12.26	1.04	ppb
Molybdenum	96-1	11.59	11.92	11.95	11.82	1.71	ppb
Molybdenum	97-1	12.09	12.26	12.62	12.32	2.19	ppb
Molybdenum	98-1	12.14	12.20	12.47	12.27	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.02	61.33	62.84	61.73	1.58	ppb
Phosphorus	31-2	5046.62	4816.48	5280.05	5047.71	4.59	ppb
Potassium	39-2	4135.80	4119.13	4160.04	4138.32	0.50	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	77-2	32.19	35.94	46.53	38.22	19.45	ppb
Selenium	78-2	8.60	5.21	8.08	7.30	25.00	ppb
Selenium	82-1	6.20	6.26	6.37	6.28	1.36	ppb
Silicon	28-1	1195.04	1203.20	1231.56	1209.93	1.58	ppb
Silver	109-1	3.98	4.07	4.33	4.12	4.36	ppb
Silver	107-1	4.19	4.23	4.15	4.19	0.94	ppb
Sodium	23-2	1073.62	1054.23	1096.19	1074.68	1.95	ppb
Strontium	86-1	673.96	694.40	706.29	691.55	2.36	ppb
Strontium	88-1	675.58	691.29	707.36	691.41	2.30	ppb
Sulfur	34-1	5340.16	4815.35	6155.72	5437.08	12.42	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	1.35	1.44	1.38	1.39	3.40	ppb
Thallium	205-1	1.39	1.55	1.43	1.46	5.82	ppb
Tin	118-1	41.73	42.58	42.52	42.27	1.12	ppb
Titanium	47-1	294.26	297.59	306.16	299.34	2.05	ppb
Uranium	238-1	5.89	6.20	6.08	6.05	2.53	ppb
Vanadium	51-2	91.99	91.11	92.67	91.92	0.85	ppb
Yttrium	89-1				109		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-11	Instrumnet Name :	P8
Client Sample ID :	MH0AB3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:23:39	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				108		%
Zinc	66-2	1392.22	1396.46	1411.69	1400.12	0.73	ppb
Zirconium	90-1	1.88	1.96	1.94	1.92	1.99	ppb
Zirconium	91-1	1.76	1.86	1.92	1.84	4.48	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-12	Instrumnet Name :	P8
Client Sample ID :	MH0AB4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:26:29	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15082.04	14886.35	14855.11	14941.17	0.82	ppb
Antimony	121-1	7.08	7.62	7.80	7.50	4.98	ppb
Arsenic	75-2	87.52	87.95	87.44	87.64	0.31	ppb
Barium	135-1	736.74	754.20	758.27	749.73	1.53	ppb
Barium	137-1	754.80	769.65	759.93	761.46	0.99	ppb
Beryllium	9-1	2.04	1.86	1.94	1.95	4.59	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	11-1	34.25	38.28	43.96	38.83	12.56	ppb
Boron	10-1	36.29	38.67	43.99	39.65	9.95	ppb
Bromine	81-1						cps
Cadmium	106-1	15.51	11.72	16.92	14.72	18.27	ppb
Cadmium	108-1	11.62	10.83	11.47	11.31	3.71	ppb
Cadmium	111-1	13.06	13.43	13.74	13.41	2.55	ppb
Calcium	43-1	117735.32	121175.20	121758.61	120223.04	1.81	ppb
Calcium	44-1	118439.74	120578.12	122932.82	120650.23	1.86	ppb
Chromium	52-2	32.25	32.55	32.26	32.36	0.53	ppb
Cobalt	59-2	19.25	18.98	18.86	19.03	1.04	ppb
Copper	63-2	197.23	197.00	197.76	197.33	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	54-2	42467.14	42033.23	41680.20	42060.19	0.94	ppb
Iron	56-2	41163.77	41080.30	40693.53	40979.20	0.61	ppb
Iron	57-2	40860.59	40751.28	39983.84	40531.90	1.18	ppb
Krypton	83-1						cps
Lead	207-1	916.76	946.79	931.85	931.80	1.61	ppb
Lead	208-1	1041.26	1024.30	1023.47	1029.68	0.97	ppb
Lead	206-1	983.76	1022.44	976.19	994.13	2.50	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-12	Instrumnet Name :	P8
Client Sample ID :	MH0AB4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:26:29	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				114		%
Magnesium	24-2	8932.88	8770.75	8717.76	8807.13	1.27	ppb
Manganese	55-2	1050.11	1033.26	1024.04	1035.80	1.28	ppb
Molybdenum	94-1	10.97	11.24	11.47	11.23	2.25	ppb
Molybdenum	95-1	11.85	11.87	11.87	11.86	0.09	ppb
Molybdenum	96-1	11.44	11.58	12.23	11.75	3.60	ppb
Molybdenum	97-1	11.65	11.75	12.44	11.94	3.60	ppb
Molybdenum	98-1	11.63	12.16	11.95	11.91	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.32	57.11	57.06	56.83	0.79	ppb
Phosphorus	31-2	4419.68	4465.76	4321.29	4402.24	1.68	ppb
Potassium	39-2	3882.77	3894.96	3813.01	3863.58	1.14	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	77-2	37.81	47.39	45.58	43.59	11.67	ppb
Selenium	78-2	9.03	7.10	6.99	7.71	14.85	ppb
Selenium	82-1	4.85	6.76	5.38	5.66	17.43	ppb
Silicon	28-1	1081.36	1079.33	1090.95	1083.88	0.57	ppb
Silver	109-1	4.03	4.08	4.04	4.05	0.55	ppb
Silver	107-1	3.80	4.14	4.13	4.02	4.78	ppb
Sodium	23-2	973.45	945.07	981.53	966.68	1.98	ppb
Strontium	86-1	623.88	636.18	650.51	636.86	2.09	ppb
Strontium	88-1	632.94	641.28	652.73	642.32	1.55	ppb
Sulfur	34-1	5546.01	5405.96	4904.89	5285.62	6.38	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	1.40	1.33	1.46	1.40	4.46	ppb
Thallium	205-1	1.44	1.41	1.32	1.39	4.49	ppb
Tin	118-1	32.17	32.87	33.75	32.93	2.40	ppb
Titanium	47-1	268.87	278.80	281.68	276.45	2.43	ppb
Uranium	238-1	5.72	5.70	5.62	5.68	0.97	ppb
Vanadium	51-2	83.53	83.92	82.98	83.48	0.57	ppb
Yttrium	89-1				110		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-12	Instrumnet Name :	P8
Client Sample ID :	MH0AB4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:26:29	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				110		%
Zinc	66-2	1237.23	1236.37	1219.42	1231.01	0.82	ppb
Zirconium	90-1	1.62	1.68	1.82	1.71	5.97	ppb
Zirconium	91-1	1.52	2.03	1.73	1.76	14.57	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:30:20	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48641.27	48759.53	49625.59	49008.80	1.10	ppb
Antimony	121-1	483.07	490.10	517.15	496.77	3.62	ppb
Arsenic	75-2	484.45	489.35	498.22	490.67	1.42	ppb
Barium	135-1	2429.84	2446.27	2569.09	2481.73	3.07	ppb
Barium	137-1	2470.77	2484.85	2681.01	2545.54	4.62	ppb
Beryllium	9-1	467.47	491.81	501.04	486.77	3.56	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	11-1	401.52	458.10	507.91	455.84	11.68	ppb
Boron	10-1	402.46	458.94	506.70	456.03	11.44	ppb
Bromine	81-1						cps
Cadmium	106-1	466.48	493.98	497.11	485.86	3.47	ppb
Cadmium	108-1	479.65	489.89	507.10	492.22	2.82	ppb
Cadmium	111-1	467.93	484.67	509.79	487.46	4.32	ppb
Calcium	43-1	235837.53	252384.95	253966.44	247396.31	4.06	ppb
Calcium	44-1	236735.81	248806.53	257458.50	247666.95	4.20	ppb
Chromium	52-2	506.26	506.71	513.38	508.78	0.78	ppb
Cobalt	59-2	484.94	497.24	500.67	494.28	1.67	ppb
Copper	63-2	5220.82	5311.40	5383.80	5305.34	1.54	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				102		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	54-2	132921.77	134009.94	136726.41	134552.71	1.46	ppb
Iron	56-2	134082.13	133743.07	135772.30	134532.50	0.81	ppb
Iron	57-2	132598.96	135450.08	135377.69	134475.58	1.21	ppb
Krypton	83-1						cps
Lead	207-1	2495.32	2563.39	2681.22	2579.98	3.65	ppb
Lead	208-1	2274.81	2442.43	2497.39	2404.88	4.82	ppb
Lead	206-1	2472.29	2558.16	2676.24	2568.90	3.99	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:30:20	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	251432.01	253091.30	257924.78	254149.36	1.33	ppb
Manganese	55-2	5027.44	5109.29	5096.45	5077.73	0.87	ppb
Molybdenum	94-1	2455.48	2620.42	2649.88	2575.26	4.07	ppb
Molybdenum	95-1	2464.26	2614.24	2641.66	2573.38	3.71	ppb
Molybdenum	96-1	2478.36	2602.99	2627.75	2569.70	3.12	ppb
Molybdenum	97-1	2423.57	2596.97	2617.48	2546.00	4.18	ppb
Molybdenum	98-1	2406.52	2586.35	2617.33	2536.73	4.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.06	497.02	507.85	500.64	1.25	ppb
Phosphorus	31-2	9172.38	10104.84	9862.65	9713.29	4.98	ppb
Potassium	39-2	122829.36	125766.68	123690.72	124095.59	1.22	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	453.71	468.52	549.17	490.46	10.48	ppb
Selenium	78-2	497.23	473.14	497.72	489.36	2.87	ppb
Selenium	82-1	483.15	509.26	511.79	501.40	3.16	ppb
Silicon	28-1	291.54	342.30	389.27	341.04	14.33	ppb
Silver	109-1	487.15	496.74	506.88	496.92	1.99	ppb
Silver	107-1	485.24	482.84	512.33	493.47	3.32	ppb
Sodium	23-2	235837.83	237837.20	243485.64	239053.56	1.66	ppb
Strontium	86-1	482.21	519.93	518.01	506.72	4.19	ppb
Strontium	88-1	486.40	519.27	525.90	510.52	4.14	ppb
Sulfur	34-1	6075.38	8190.79	10398.32	8221.49	26.29	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	488.93	512.96	530.20	510.70	4.06	ppb
Thallium	205-1	489.72	505.34	522.07	505.71	3.20	ppb
Tin	118-1	477.17	486.99	515.99	493.38	4.09	ppb
Titanium	47-1	2380.57	2474.80	2550.86	2468.74	3.46	ppb
Uranium	238-1	495.33	519.55	545.54	520.14	4.83	ppb
Vanadium	51-2	498.66	501.96	512.31	504.31	1.41	ppb
Yttrium	89-1				101		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:30:20	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	5145.02	5177.85	5281.13	5201.33	1.37	ppb
Zirconium	90-1	493.92	520.58	536.30	516.93	4.15	ppb
Zirconium	91-1	495.85	520.29	525.52	513.89	3.08	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P8
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:39:34	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.79	0.55	-1.16	0.06	1817.37	ppb
Antimony	121-1	0.02	0.01	0.04	0.02	72.33	ppb
Arsenic	75-2	0.03	-0.04	-0.04	-0.02		ppb
Barium	135-1	0.07	0.00	0.05	0.04	86.52	ppb
Barium	137-1	0.02	0.07	0.03	0.04	73.35	ppb
Beryllium	9-1	0.03	0.00	0.02	0.02	73.84	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	11-1	9.55	9.02	8.71	9.09	4.66	ppb
Boron	10-1	11.24	8.15	9.11	9.50	16.64	ppb
Bromine	81-1						cps
Cadmium	106-1	0.48	-0.59	-1.31	-0.47		ppb
Cadmium	108-1	0.03	-0.15	-0.14	-0.09		ppb
Cadmium	111-1	0.02	-0.02	-0.08	-0.03		ppb
Calcium	43-1	-2.14	-4.23	1.25	-1.71		ppb
Calcium	44-1	-11.05	-17.61	-10.38	-13.01		ppb
Chromium	52-2	-0.03	-0.02	0.03	0.00		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.24	0.35	0.14	0.24	43.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	2.40	4.99	4.29	3.89	34.46	ppb
Iron	56-2	1.22	1.87	2.08	1.73	25.88	ppb
Iron	57-2	2.25	2.94	-0.07	1.71	92.23	ppb
Krypton	83-1						cps
Lead	207-1	0.11	0.12	0.08	0.10	16.44	ppb
Lead	208-1	0.21	0.15	0.18	0.18	17.63	ppb
Lead	206-1	0.12	0.07	0.15	0.11	36.27	ppb

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : CCB31 Instrumnet Name : P8
 Client Sample ID : CCB31 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 16:39:34 DataFile Name : 036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	1.43	1.02	2.76	1.74	52.35	ppb
Manganese	55-2	0.01	0.06	0.09	0.05	67.61	ppb
Molybdenum	94-1	0.01	-0.04	-0.03	-0.02		ppb
Molybdenum	95-1	0.09	0.00	0.02	0.04	117.26	ppb
Molybdenum	96-1	0.03	0.03	0.00	0.02	74.66	ppb
Molybdenum	97-1	0.07	0.00	0.00	0.02	173.92	ppb
Molybdenum	98-1	0.05	0.03	0.03	0.04	38.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.14	-0.10	-0.10		ppb
Phosphorus	31-2	-83.73	-71.72	-63.39	-72.95		ppb
Potassium	39-2	19.21	20.92	45.57	28.57	51.63	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	77-2	-1.49	-1.49	0.87	-0.70		ppb
Selenium	78-2	-0.35	-1.06	-3.59	-1.67		ppb
Selenium	82-1	-0.34	0.17	0.75	0.20	279.09	ppb
Silicon	28-1	-9.82	-23.60	-17.21	-16.88		ppb
Silver	109-1	0.01	0.03	0.00	0.02	99.66	ppb
Silver	107-1	-0.01	0.01	0.02	0.01	181.60	ppb
Sodium	23-2	19.93	8.07	22.56	16.85	45.81	ppb
Strontium	86-1	-0.02	0.08	-0.02	0.01	484.35	ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	-1665.21	-2362.86	-1476.30	-1834.79		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.10	0.06	0.11	0.09	28.98	ppb
Thallium	205-1	0.11	0.08	0.10	0.10	15.50	ppb
Tin	118-1	0.03	0.00	0.02	0.02	82.76	ppb
Titanium	47-1	-0.06	-0.20	0.06	-0.07		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	363.53	ppb
Vanadium	51-2	-0.01	0.00	0.01	0.00	982.52	ppb
Yttrium	89-1				101		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P8
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:39:34	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	-0.01	0.00	0.09	0.03	204.37	ppb
Zirconium	90-1	0.01	0.02	0.00	0.01	93.66	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	532.40	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	PB133335BL	Instrumnet Name :	P8
Client Sample ID :	PB133335BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:42:25	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.77	-3.38	-0.85	-1.15		ppb
Antimony	121-1	0.02	0.01	0.03	0.02	46.64	ppb
Arsenic	75-2	-0.04	-0.01	-0.05	-0.03		ppb
Barium	135-1	0.03	0.01	-0.04	0.00	2996.10	ppb
Barium	137-1	0.02	0.00	0.05	0.03	99.66	ppb
Beryllium	9-1	0.01	0.00	0.02	0.01	82.34	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	11-1	7.25	6.63	6.70	6.86	5.00	ppb
Boron	10-1	7.44	6.68	7.46	7.19	6.19	ppb
Bromine	81-1						cps
Cadmium	106-1	0.63	1.08	3.10	1.60	82.05	ppb
Cadmium	108-1	-0.14	-0.31	-0.14	-0.20		ppb
Cadmium	111-1	0.05	0.09	0.22	0.12	79.32	ppb
Calcium	43-1	3.40	-1.78	2.97	1.53	188.26	ppb
Calcium	44-1	-0.54	-6.85	-8.95	-5.45		ppb
Chromium	52-2	-0.04	-0.04	-0.03	-0.03		ppb
Cobalt	59-2	0.01	0.01	0.00	0.00	149.67	ppb
Copper	63-2	0.09	0.08	0.07	0.08	8.53	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				101		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	1.58	5.17	1.43	2.73	77.54	ppb
Iron	56-2	1.63	1.09	1.42	1.38	19.93	ppb
Iron	57-2	-0.27	-0.13	2.69	0.76	218.50	ppb
Krypton	83-1						cps
Lead	207-1	0.12	0.05	0.06	0.08	51.03	ppb
Lead	208-1	0.10	0.27	0.19	0.19	44.48	ppb
Lead	206-1	0.10	0.13	0.15	0.13	19.56	ppb

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : PB133335BL Instrumnet Name : P8
 Client Sample ID : PB133335BL Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 16:42:25 DataFile Name : 037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	2.27	-0.20	-1.08	0.33	530.61	ppb
Manganese	55-2	0.12	0.03	0.06	0.07	71.69	ppb
Molybdenum	94-1	0.06	0.00	0.08	0.05	99.62	ppb
Molybdenum	95-1	-0.01	0.02	0.02	0.01	168.79	ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	97-1	0.02	0.01	0.01	0.01	43.03	ppb
Molybdenum	98-1	0.01	-0.01	0.00	0.00	418.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.24	-0.20	-0.12	-0.19		ppb
Phosphorus	31-2	-28.47	-33.65	-43.16	-35.10		ppb
Potassium	39-2	17.25	-5.94	14.80	8.70	146.46	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	0.80	3.02	0.79	1.54	83.56	ppb
Selenium	78-2	3.24	-0.02	-0.33	0.97	204.68	ppb
Selenium	82-1	1.35	0.33	0.63	0.77	68.60	ppb
Silicon	28-1	-7.04	-14.71	-2.67	-8.14		ppb
Silver	109-1	0.01	0.02	0.02	0.02	28.33	ppb
Silver	107-1	0.00	0.02	0.00	0.01	174.40	ppb
Sodium	23-2	0.43	-9.71	-12.83	-7.37		ppb
Strontium	86-1	0.13	-0.07	-0.07	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	258.22	ppb
Sulfur	34-1	-557.56	-902.84	-504.23	-654.87		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.04	0.09	0.07	0.06	37.46	ppb
Thallium	205-1	0.07	0.09	0.08	0.08	13.21	ppb
Tin	118-1	0.02	-0.01	0.00	0.00	462.05	ppb
Titanium	47-1	-0.11	0.03	-0.24	-0.11		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	6472.63	ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-1				99		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	PB133335BL	Instrumnet Name :	P8
Client Sample ID :	PB133335BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:42:25	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	0.16	-0.05	0.03	0.05	217.57	ppb
Zirconium	90-1	-0.01	0.00	0.04	0.01	293.58	ppb
Zirconium	91-1	-0.01	-0.01	-0.02	-0.01		ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	PB133335BS	Instrumnet Name :	P8
Client Sample ID :	PB133335BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:45:18	DataFile Name :	038LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10054.41	10159.31	10041.59	10085.10	0.64	ppb
Antimony	121-1	485.91	490.79	484.99	487.23	0.64	ppb
Arsenic	75-2	492.47	496.63	500.97	496.69	0.86	ppb
Barium	135-1	2355.33	2451.64	2407.40	2404.79	2.00	ppb
Barium	137-1	2413.31	2482.56	2480.41	2458.76	1.60	ppb
Beryllium	9-1	472.14	474.16	499.31	481.87	3.14	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	11-1	353.80	405.06	472.65	410.50	14.52	ppb
Boron	10-1	367.15	412.63	475.74	418.51	13.03	ppb
Bromine	81-1						cps
Cadmium	106-1	459.49	496.03	484.55	480.02	3.89	ppb
Cadmium	108-1	478.36	492.91	483.49	484.92	1.52	ppb
Cadmium	111-1	473.65	483.80	488.65	482.03	1.59	ppb
Calcium	43-1	47777.35	49318.61	49923.74	49006.57	2.26	ppb
Calcium	44-1	47730.59	48851.54	49925.51	48835.88	2.25	ppb
Chromium	52-2	493.24	500.20	496.17	496.54	0.70	ppb
Cobalt	59-2	496.47	499.61	499.02	498.37	0.33	ppb
Copper	63-2	5105.55	5047.96	5050.26	5067.92	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				104		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	54-2	27040.08	27353.59	27097.90	27163.86	0.61	ppb
Iron	56-2	26498.88	27194.03	26448.73	26713.88	1.56	ppb
Iron	57-2	26218.23	26344.98	26079.29	26214.17	0.51	ppb
Krypton	83-1						cps
Lead	207-1	2426.99	2471.99	2407.48	2435.49	1.36	ppb
Lead	208-1	2385.10	2468.94	2412.59	2422.21	1.76	ppb
Lead	206-1	2462.14	2479.19	2397.68	2446.34	1.76	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	PB133335BS	Instrumnet Name :	P8
Client Sample ID :	PB133335BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:45:18	DataFile Name :	038LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	51331.74	51944.15	50815.46	51363.78	1.10	ppb
Manganese	55-2	5119.65	5131.45	4958.20	5069.77	1.91	ppb
Molybdenum	94-1	2455.64	2449.22	2550.06	2484.97	2.27	ppb
Molybdenum	95-1	2449.12	2505.81	2555.65	2503.52	2.13	ppb
Molybdenum	96-1	2412.92	2513.01	2516.37	2480.77	2.37	ppb
Molybdenum	97-1	2433.19	2535.14	2472.86	2480.40	2.07	ppb
Molybdenum	98-1	2450.49	2509.85	2463.45	2474.60	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.83	502.85	502.79	501.82	0.34	ppb
Phosphorus	31-2	9887.51	9516.51	9701.75	9701.92	1.91	ppb
Potassium	39-2	25927.85	26015.23	25753.97	25899.01	0.51	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	77-2	480.90	498.10	430.77	469.92	7.44	ppb
Selenium	78-2	496.94	500.22	497.37	498.18	0.36	ppb
Selenium	82-1	481.51	488.11	496.98	488.87	1.59	ppb
Silicon	28-1	339.02	414.55	451.26	401.61	14.25	ppb
Silver	109-1	482.25	491.77	499.50	491.18	1.76	ppb
Silver	107-1	480.85	496.31	489.98	489.05	1.59	ppb
Sodium	23-2	50944.94	50581.52	51113.55	50880.00	0.53	ppb
Strontium	86-1	485.47	489.49	492.01	488.99	0.68	ppb
Strontium	88-1	490.93	497.46	494.88	494.42	0.67	ppb
Sulfur	34-1	8658.39	8548.19	8861.31	8689.30	1.83	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	490.44	485.38	472.75	482.86	1.89	ppb
Thallium	205-1	485.87	493.93	477.84	485.88	1.66	ppb
Tin	118-1	478.65	487.60	483.49	483.24	0.93	ppb
Titanium	47-1	2336.92	2455.02	2457.25	2416.39	2.85	ppb
Uranium	238-1	496.08	504.87	482.67	494.54	2.26	ppb
Vanadium	51-2	495.58	499.76	492.33	495.89	0.75	ppb
Yttrium	89-1				103		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	PB133335BS	Instrumnet Name :	P8
Client Sample ID :	PB133335BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:45:18	DataFile Name :	038LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	5012.59	5059.39	5042.47	5038.15	0.47	ppb
Zirconium	90-1	487.72	503.32	501.03	497.36	1.69	ppb
Zirconium	91-1	477.44	493.29	496.61	489.11	2.09	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4812-01	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW007	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:48:07	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.14	4.98	3.18	4.10	21.93	ppb
Antimony	121-1	0.27	0.14	0.16	0.19	38.52	ppb
Arsenic	75-2	0.13	0.11	0.08	0.11	27.47	ppb
Barium	135-1	17.92	17.15	17.41	17.50	2.24	ppb
Barium	137-1	17.88	17.58	17.82	17.76	0.90	ppb
Beryllium	9-1	0.29	0.18	0.16	0.21	31.65	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	11-1	73.44	65.59	60.47	66.50	9.83	ppb
Boron	10-1	73.10	69.25	62.35	68.23	7.99	ppb
Bromine	81-1						cps
Cadmium	106-1	2.22	1.36	-0.43	1.05	129.17	ppb
Cadmium	108-1	-0.23	-0.31	-0.08	-0.21		ppb
Cadmium	111-1	0.29	0.17	0.02	0.16	84.23	ppb
Calcium	43-1	88806.41	88116.95	89746.39	88889.92	0.92	ppb
Calcium	44-1	89090.72	89867.95	89523.00	89493.89	0.44	ppb
Chromium	52-2	0.32	0.39	0.27	0.33	19.32	ppb
Cobalt	59-2	0.04	0.03	0.02	0.03	47.31	ppb
Copper	63-2	0.90	0.89	0.65	0.81	17.18	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				110		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	54-2	10.59	7.78	6.90	8.42	22.89	ppb
Iron	56-2	6.15	6.21	5.91	6.09	2.61	ppb
Iron	57-2	9.37	14.42	8.75	10.85	28.67	ppb
Krypton	83-1						cps
Lead	207-1	0.52	0.34	0.25	0.37	36.76	ppb
Lead	208-1	0.70	0.32	0.25	0.42	57.08	ppb
Lead	206-1	0.53	0.24	0.28	0.35	44.51	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4812-01	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW007	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:48:07	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	8789.63	8429.71	8441.28	8553.54	2.39	ppb
Manganese	55-2	0.48	0.31	0.41	0.40	21.44	ppb
Molybdenum	94-1	0.69	0.29	0.24	0.41	60.37	ppb
Molybdenum	95-1	0.72	0.38	0.24	0.45	54.96	ppb
Molybdenum	96-1	0.90	0.29	0.24	0.48	76.78	ppb
Molybdenum	97-1	0.81	0.38	0.20	0.46	66.88	ppb
Molybdenum	98-1	0.67	0.36	0.26	0.43	50.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.11	-0.08	-0.10		ppb
Phosphorus	31-2	-48.07	-99.59	-56.44	-68.03		ppb
Potassium	39-2	1328.02	1254.39	1226.26	1269.55	4.14	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				112		%
Scandium	45-2				103		%
Selenium	77-2	0.71	-1.49	0.68	-0.03		ppb
Selenium	78-2	-0.43	-2.46	-0.97	-1.29		ppb
Selenium	82-1	-0.57	0.42	-0.76	-0.30		ppb
Silicon	28-1	1707.49	1699.07	1729.85	1712.14	0.93	ppb
Silver	109-1	0.11	0.04	0.04	0.06	63.64	ppb
Silver	107-1	0.08	0.04	0.04	0.05	44.65	ppb
Sodium	23-2	1940.36	1867.73	1857.40	1888.50	2.39	ppb
Strontium	86-1	413.90	405.53	405.21	408.21	1.21	ppb
Strontium	88-1	417.18	417.21	409.31	414.57	1.10	ppb
Sulfur	34-1	-3221.78	-3529.27	-2835.94	-3195.67		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	0.39	0.27	0.19	0.29	35.59	ppb
Thallium	205-1	0.45	0.28	0.26	0.33	32.77	ppb
Tin	118-1	0.05	0.04	0.02	0.03	39.52	ppb
Titanium	47-1	0.62	-0.12	-0.07	0.14	290.19	ppb
Uranium	238-1	0.26	0.20	0.19	0.22	16.06	ppb
Vanadium	51-2	0.05	0.04	0.05	0.05	16.22	ppb
Yttrium	89-1				109		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4812-01	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW007	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:48:07	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	2.21	1.54	1.78	1.84	18.34	ppb
Zirconium	90-1	0.13	0.08	0.04	0.08	51.95	ppb
Zirconium	91-1	0.12	0.02	0.06	0.07	75.80	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4812-02	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW007-9001	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:50:57	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.84	3.46	3.37	3.55	7.04	ppb
Antimony	121-1	0.04	0.03	0.05	0.04	19.30	ppb
Arsenic	75-2	0.12	0.10	0.04	0.09	46.39	ppb
Barium	135-1	16.64	17.08	17.12	16.95	1.56	ppb
Barium	137-1	16.86	18.04	17.67	17.52	3.47	ppb
Beryllium	9-1	0.12	0.08	0.09	0.10	23.37	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	11-1	30.94	28.51	29.13	29.53	4.27	ppb
Boron	10-1	28.94	27.66	29.16	28.59	2.84	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.93	-2.74	0.96	-1.24		ppb
Cadmium	108-1	-0.01	-0.23	-0.16	-0.13		ppb
Cadmium	111-1	-0.12	-0.19	0.08	-0.08		ppb
Calcium	43-1	89001.28	89150.32	88824.79	88992.13	0.18	ppb
Calcium	44-1	87661.70	89745.48	88479.57	88628.92	1.18	ppb
Chromium	52-2	0.28	0.30	0.35	0.31	12.25	ppb
Cobalt	59-2	0.02	0.01	0.04	0.02	80.80	ppb
Copper	63-2	0.36	0.38	0.39	0.38	4.07	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				109		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	6.30	5.68	5.78	5.92	5.62	ppb
Iron	56-2	6.36	6.05	6.51	6.31	3.70	ppb
Iron	57-2	9.35	12.00	15.98	12.44	26.84	ppb
Krypton	83-1						cps
Lead	207-1	0.11	0.08	0.10	0.10	11.20	ppb
Lead	208-1	0.02	0.10	0.07	0.06	68.77	ppb
Lead	206-1	0.15	0.08	0.18	0.14	37.20	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4812-02	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW007-9001	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:50:57	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	8517.24	8471.19	8609.02	8532.48	0.82	ppb
Manganese	55-2	0.50	0.39	0.33	0.41	20.38	ppb
Molybdenum	94-1	0.07	0.11	0.11	0.09	24.70	ppb
Molybdenum	95-1	0.12	0.04	0.06	0.07	61.25	ppb
Molybdenum	96-1	0.05	0.04	0.07	0.05	24.67	ppb
Molybdenum	97-1	0.05	0.07	0.05	0.05	28.29	ppb
Molybdenum	98-1	0.08	0.07	0.10	0.08	13.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.06	-0.02	-0.07		ppb
Phosphorus	31-2	-79.00	-60.08	-17.64	-52.24		ppb
Potassium	39-2	1302.18	1327.88	1287.06	1305.71	1.58	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				110		%
Scandium	45-2				101		%
Selenium	77-2	7.33	2.88	-1.49	2.91	151.64	ppb
Selenium	78-2	-0.03	2.03	-0.65	0.45	309.26	ppb
Selenium	82-1	-0.04	0.00	0.89	0.28	187.35	ppb
Silicon	28-1	1745.33	1754.88	1748.86	1749.69	0.28	ppb
Silver	109-1	0.02	0.01	0.01	0.01	53.19	ppb
Silver	107-1	0.03	0.00	0.00	0.01	293.61	ppb
Sodium	23-2	1859.69	1894.63	1929.72	1894.68	1.85	ppb
Strontium	86-1	415.92	408.45	406.89	410.42	1.18	ppb
Strontium	88-1	416.20	421.69	415.18	417.69	0.84	ppb
Sulfur	34-1	-1115.78	-1370.17	-466.53	-984.16		ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	0.05	0.05	0.04	0.05	11.78	ppb
Thallium	205-1	0.06	0.07	0.06	0.06	5.56	ppb
Tin	118-1	0.09	0.06	0.07	0.07	20.65	ppb
Titanium	47-1	0.22	0.16	0.18	0.19	17.49	ppb
Uranium	238-1	0.15	0.16	0.17	0.16	6.05	ppb
Vanadium	51-2	0.06	0.01	0.02	0.03	79.77	ppb
Yttrium	89-1				107		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4812-02	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW007-9001	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:50:57	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	1.75	1.92	2.64	2.10	22.53	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	7.09	ppb
Zirconium	91-1	0.02	0.00	-0.03	0.00		ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4812-03	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW016	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:53:45	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.00	-1.89	-1.16	-1.35		ppb
Antimony	121-1	0.05	0.03	0.03	0.04	34.41	ppb
Arsenic	75-2	0.07	0.02	0.01	0.04	89.74	ppb
Barium	135-1	27.41	27.75	26.60	27.25	2.18	ppb
Barium	137-1	29.04	28.15	27.68	28.29	2.43	ppb
Beryllium	9-1	0.07	0.05	0.06	0.06	17.74	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Boron	11-1	17.72	17.98	18.06	17.92	0.99	ppb
Boron	10-1	18.42	19.24	18.62	18.76	2.29	ppb
Bromine	81-1						cps
Cadmium	106-1	0.12	0.81	-1.32	-0.13		ppb
Cadmium	108-1	0.01	-0.16	-0.01	-0.05		ppb
Cadmium	111-1	0.01	0.06	-0.09	0.00		ppb
Calcium	43-1	113962.75	110173.89	106924.94	110353.86	3.19	ppb
Calcium	44-1	114278.06	108887.33	107079.85	110081.75	3.40	ppb
Chromium	52-2	0.16	0.34	0.15	0.22	48.60	ppb
Cobalt	59-2	0.03	0.02	0.03	0.03	23.08	ppb
Copper	63-2	0.52	0.40	0.38	0.43	17.84	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				105		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	54-2	3.63	3.28	1.14	2.68	50.22	ppb
Iron	56-2	3.85	3.55	3.30	3.57	7.79	ppb
Iron	57-2	12.22	9.77	8.33	10.11	19.46	ppb
Krypton	83-1						cps
Lead	207-1	0.14	0.10	0.05	0.10	47.23	ppb
Lead	208-1	0.10	0.13	0.29	0.17	56.52	ppb
Lead	206-1	0.15	0.18	0.15	0.16	10.48	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4812-03	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW016	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:53:45	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				111		%
Magnesium	24-2	8057.78	7865.87	7631.41	7851.69	2.72	ppb
Manganese	55-2	0.13	0.14	0.20	0.15	24.08	ppb
Molybdenum	94-1	0.03	0.07	0.05	0.05	38.00	ppb
Molybdenum	95-1	0.03	0.05	0.01	0.03	69.51	ppb
Molybdenum	96-1	0.06	0.04	0.02	0.04	55.79	ppb
Molybdenum	97-1	0.05	0.01	0.04	0.04	68.25	ppb
Molybdenum	98-1	0.06	0.05	0.05	0.05	17.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.29	0.03	0.19	73.35	ppb
Phosphorus	31-2	35.05	-97.05	-56.93	-39.64		ppb
Potassium	39-2	1194.56	1165.23	1114.73	1158.18	3.49	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				112		%
Scandium	45-2				101		%
Selenium	77-2	3.04	-1.49	0.70	0.75	302.06	ppb
Selenium	78-2	0.83	-0.01	-0.30	0.17	337.68	ppb
Selenium	82-1	0.97	0.89	0.99	0.95	5.78	ppb
Silicon	28-1	1405.98	1379.55	1324.95	1370.16	3.02	ppb
Silver	109-1	0.00	0.01	0.00	0.00	797.12	ppb
Silver	107-1	0.02	0.00	-0.01	0.00	395.18	ppb
Sodium	23-2	3724.51	3635.63	3575.08	3645.07	2.06	ppb
Strontium	86-1	455.81	456.14	444.84	452.26	1.42	ppb
Strontium	88-1	467.13	463.93	448.10	459.72	2.22	ppb
Sulfur	34-1	1003.09	-1370.07	-2430.33	-932.44		ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.01	0.01	0.01	29.73	ppb
Thallium	205-1	0.04	0.02	0.02	0.02	52.26	ppb
Tin	118-1	0.10	0.06	0.10	0.09	24.30	ppb
Titanium	47-1	0.08	-0.27	-0.27	-0.15		ppb
Uranium	238-1	0.16	0.14	0.14	0.15	8.79	ppb
Vanadium	51-2	0.04	0.04	0.06	0.05	25.55	ppb
Yttrium	89-1				109		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4812-03	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW016	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:53:45	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	2.06	2.24	2.27	2.19	5.07	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	16.65	ppb
Zirconium	91-1	0.04	0.07	0.02	0.04	61.97	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4812-04	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW005	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:56:36	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.56	1.68	4.03	2.76	43.14	ppb
Antimony	121-1	0.06	0.06	0.06	0.06	4.86	ppb
Arsenic	75-2	0.01	0.02	0.10	0.04	113.66	ppb
Barium	135-1	39.38	36.94	37.69	38.00	3.29	ppb
Barium	137-1	39.20	38.33	36.37	37.97	3.82	ppb
Beryllium	9-1	0.03	0.06	0.00	0.03	104.20	ppb
Bismuth	209-1				106		%
Bismuth	209-2				109		%
Boron	11-1	16.13	15.04	15.74	15.64	3.55	ppb
Boron	10-1	16.09	13.49	17.18	15.59	12.17	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.75	-1.44	-0.06	-1.08		ppb
Cadmium	108-1	0.02	0.08	0.00	0.03	138.06	ppb
Cadmium	111-1	-0.12	-0.12	-0.01	-0.08		ppb
Calcium	43-1	104843.58	99673.61	99148.71	101221.97	3.11	ppb
Calcium	44-1	102330.83	98786.29	99984.18	100367.10	1.80	ppb
Chromium	52-2	0.14	0.10	0.09	0.11	23.06	ppb
Cobalt	59-2	0.09	0.08	0.10	0.09	12.08	ppb
Copper	63-2	0.49	0.37	0.54	0.47	18.70	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				108		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	54-2	37.12	33.22	32.19	34.18	7.61	ppb
Iron	56-2	32.91	30.81	32.11	31.94	3.31	ppb
Iron	57-2	34.39	38.56	40.66	37.87	8.42	ppb
Krypton	83-1						cps
Lead	207-1	0.06	0.05	0.08	0.06	20.25	ppb
Lead	208-1	0.25	0.21	0.24	0.24	8.49	ppb
Lead	206-1	0.08	0.18	0.15	0.14	35.39	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4812-04	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW005	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:56:36	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	9043.18	8750.60	8975.20	8922.99	1.72	ppb
Manganese	55-2	6.30	5.33	5.87	5.83	8.33	ppb
Molybdenum	94-1	0.06	0.05	0.06	0.06	18.71	ppb
Molybdenum	95-1	0.06	0.03	0.05	0.05	32.61	ppb
Molybdenum	96-1	0.07	0.04	0.05	0.05	28.43	ppb
Molybdenum	97-1	0.02	0.05	0.03	0.03	45.38	ppb
Molybdenum	98-1	0.05	0.03	0.05	0.04	26.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.24	-0.11	0.14	-0.07		ppb
Phosphorus	31-2	-29.98	-33.03	-25.22	-29.41		ppb
Potassium	39-2	1213.93	1080.00	1202.71	1165.54	6.37	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	77-2	0.72	0.61	0.64	0.66	8.17	ppb
Selenium	78-2	-2.99	-0.28	-2.83	-2.03		ppb
Selenium	82-1	-0.20	0.72	1.20	0.57	125.05	ppb
Silicon	28-1	1987.67	1873.40	1891.00	1917.36	3.21	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.40	ppb
Silver	107-1	0.00	0.00	0.01	0.00	205.50	ppb
Sodium	23-2	1469.60	1431.42	1497.46	1466.16	2.26	ppb
Strontium	86-1	421.07	408.81	411.04	413.64	1.58	ppb
Strontium	88-1	435.97	419.24	411.54	422.25	2.96	ppb
Sulfur	34-1	5822.95	2069.46	2049.19	3313.87	65.57	ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	-0.01	0.00	0.04	0.01	227.45	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	26.00	ppb
Tin	118-1	-0.01	-0.05	-0.05	-0.03		ppb
Titanium	47-1	0.13	0.09	0.10	0.11	18.36	ppb
Uranium	238-1	0.18	0.21	0.24	0.21	13.93	ppb
Vanadium	51-2	0.09	0.06	0.03	0.06	51.98	ppb
Yttrium	89-1				107		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4812-04	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW005	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:56:36	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	7.16	6.81	6.87	6.95	2.69	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	29.33	ppb
Zirconium	91-1	0.02	-0.01	0.04	0.02	179.32	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4812-05	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW012	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:59:24	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54.36	55.86	60.16	56.79	5.30	ppb
Antimony	121-1	0.06	0.05	0.07	0.06	15.10	ppb
Arsenic	75-2	0.01	0.15	0.06	0.08	94.87	ppb
Barium	135-1	25.56	25.06	27.44	26.02	4.83	ppb
Barium	137-1	25.35	25.42	27.91	26.23	5.57	ppb
Beryllium	9-1	0.06	-0.02	-0.02	0.01	601.32	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	11-1	14.68	15.31	16.98	15.66	7.60	ppb
Boron	10-1	15.53	14.99	18.06	16.20	10.13	ppb
Bromine	81-1						cps
Cadmium	106-1	0.28	1.82	-1.09	0.34	432.57	ppb
Cadmium	108-1	-0.31	-0.24	-0.23	-0.26		ppb
Cadmium	111-1	0.06	0.14	-0.07	0.04	253.92	ppb
Calcium	43-1	82585.84	81452.01	89907.94	84648.60	5.42	ppb
Calcium	44-1	82096.58	81302.65	88379.76	83926.33	4.62	ppb
Chromium	52-2	0.47	0.39	0.45	0.44	9.44	ppb
Cobalt	59-2	0.05	0.08	0.04	0.06	31.93	ppb
Copper	63-2	0.25	0.28	0.41	0.31	27.70	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				108		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	82.27	80.74	74.67	79.23	5.08	ppb
Iron	56-2	80.70	78.29	77.29	78.76	2.23	ppb
Iron	57-2	90.97	79.80	88.03	86.27	6.71	ppb
Krypton	83-1						cps
Lead	207-1	0.07	0.20	0.18	0.15	44.86	ppb
Lead	208-1	0.37	0.09	0.17	0.21	67.34	ppb
Lead	206-1	0.19	0.19	0.14	0.18	16.01	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4812-05	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW012	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:59:24	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	11283.62	11207.54	11153.39	11214.85	0.58	ppb
Manganese	55-2	3.03	2.89	2.84	2.92	3.33	ppb
Molybdenum	94-1	0.21	0.24	0.19	0.21	9.82	ppb
Molybdenum	95-1	0.11	0.10	0.09	0.10	7.43	ppb
Molybdenum	96-1	0.11	0.08	0.07	0.09	22.57	ppb
Molybdenum	97-1	0.13	0.06	0.15	0.11	41.59	ppb
Molybdenum	98-1	0.08	0.11	0.09	0.09	15.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	-0.01	0.01	0.05	177.63	ppb
Phosphorus	31-2	-67.57	-80.02	-123.14	-90.24		ppb
Potassium	39-2	1606.84	1588.82	1576.51	1590.72	0.96	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				102		%
Selenium	77-2	0.68	0.66	2.85	1.39	90.52	ppb
Selenium	78-2	1.95	0.30	0.99	1.08	76.95	ppb
Selenium	82-1	0.41	-0.13	1.32	0.53	137.47	ppb
Silicon	28-1	1821.14	1785.86	1990.64	1865.88	5.87	ppb
Silver	109-1	0.00	0.01	0.00	0.00	145.85	ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Sodium	23-2	2969.43	2924.10	2848.92	2914.15	2.09	ppb
Strontium	86-1	440.85	436.67	474.63	450.72	4.62	ppb
Strontium	88-1	445.85	441.59	479.68	455.71	4.58	ppb
Sulfur	34-1	1623.97	-511.68	4812.64	1974.98	135.67	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.00	0.02	0.01	105.95	ppb
Thallium	205-1	0.03	0.00	0.01	0.02	92.51	ppb
Tin	118-1	0.03	0.01	0.15	0.06	118.03	ppb
Titanium	47-1	0.83	0.71	1.37	0.97	36.00	ppb
Uranium	238-1	0.28	0.29	0.28	0.28	1.70	ppb
Vanadium	51-2	0.20	0.14	0.13	0.16	24.00	ppb
Yttrium	89-1				107		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4812-05	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW012	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:59:24	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	2.41	2.02	2.50	2.31	11.06	ppb
Zirconium	90-1	0.06	0.08	0.07	0.07	15.62	ppb
Zirconium	91-1	0.13	0.08	0.09	0.10	26.16	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-01	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:02:15	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	66.74	60.00	69.49	65.41	7.46	ppb
Antimony	121-1	0.03	0.02	0.04	0.03	26.05	ppb
Arsenic	75-2	0.04	0.08	0.07	0.06	29.19	ppb
Barium	135-1	35.06	36.34	37.49	36.30	3.36	ppb
Barium	137-1	34.95	36.14	37.67	36.25	3.76	ppb
Beryllium	9-1	0.00	0.04	0.05	0.03	83.39	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Boron	11-1	19.64	21.22	22.77	21.21	7.38	ppb
Boron	10-1	19.93	21.40	23.36	21.56	7.99	ppb
Bromine	81-1						cps
Cadmium	106-1	0.02	0.78	-0.37	0.14	406.90	ppb
Cadmium	108-1	0.30	-0.24	-0.23	-0.06		ppb
Cadmium	111-1	-0.03	0.07	0.00	0.01	382.52	ppb
Calcium	43-1	94704.39	97524.48	97480.17	96569.68	1.67	ppb
Calcium	44-1	95883.07	97138.05	97339.78	96786.97	0.82	ppb
Chromium	52-2	0.20	0.17	0.30	0.23	30.63	ppb
Cobalt	59-2	0.06	0.06	0.05	0.05	8.96	ppb
Copper	63-2	0.22	0.21	0.15	0.19	17.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	92.71	100.46	89.67	94.28	5.90	ppb
Iron	56-2	93.15	92.32	97.11	94.19	2.71	ppb
Iron	57-2	92.57	98.05	100.01	96.88	3.98	ppb
Krypton	83-1						cps
Lead	207-1	0.14	0.13	0.12	0.13	8.72	ppb
Lead	208-1	0.05	0.04	0.18	0.09	85.82	ppb
Lead	206-1	0.10	0.07	0.06	0.08	27.70	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-01	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:02:15	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	17841.15	17476.30	18475.57	17931.00	2.82	ppb
Manganese	55-2	2.05	1.75	1.80	1.87	8.79	ppb
Molybdenum	94-1	0.07	0.17	0.14	0.13	43.51	ppb
Molybdenum	95-1	0.01	0.04	0.04	0.03	50.24	ppb
Molybdenum	96-1	0.05	0.04	0.01	0.03	71.62	ppb
Molybdenum	97-1	0.09	0.05	0.05	0.07	30.76	ppb
Molybdenum	98-1	0.07	0.02	0.05	0.04	55.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.03	0.16	0.14	75.68	ppb
Phosphorus	31-2	-73.97	-45.76	-62.31	-60.68		ppb
Potassium	39-2	530.56	507.00	588.17	541.91	7.71	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				101		%
Selenium	77-2	2.88	0.66	3.02	2.19	60.61	ppb
Selenium	78-2	-0.91	1.85	-0.82	0.04	3870.34	ppb
Selenium	82-1	1.35	0.75	-0.31	0.60	140.32	ppb
Silicon	28-1	2993.95	3008.29	3084.30	3028.84	1.60	ppb
Silver	109-1	0.02	0.00	0.00	0.01	152.26	ppb
Silver	107-1	-0.01	-0.01	0.00	-0.01		ppb
Sodium	23-2	4699.65	4605.13	4857.44	4720.74	2.70	ppb
Strontium	86-1	643.99	671.36	679.11	664.82	2.78	ppb
Strontium	88-1	658.31	675.99	680.01	671.44	1.72	ppb
Sulfur	34-1	4098.51	4442.99	4607.29	4382.93	5.92	ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.01	0.00	0.00	0.00	3765.90	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	49.37	ppb
Tin	118-1	-0.01	-0.05	-0.04	-0.03		ppb
Titanium	47-1	0.52	0.54	0.58	0.55	5.29	ppb
Uranium	238-1	0.67	0.72	0.73	0.71	4.54	ppb
Vanadium	51-2	0.11	0.08	0.12	0.11	21.62	ppb
Yttrium	89-1				107		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-01	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:02:15	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	0.68	0.95	1.02	0.89	20.29	ppb
Zirconium	90-1	0.05	0.07	0.06	0.06	20.37	ppb
Zirconium	91-1	0.09	0.05	0.06	0.07	32.45	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-01DUP	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:05:03	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62.80	61.33	65.42	63.18	3.28	ppb
Antimony	121-1	0.04	0.04	0.01	0.03	54.98	ppb
Arsenic	75-2	0.09	0.08	0.04	0.07	38.13	ppb
Barium	135-1	35.84	38.88	37.20	37.31	4.08	ppb
Barium	137-1	37.34	39.12	38.58	38.35	2.38	ppb
Beryllium	9-1	0.00	0.05	0.08	0.04	87.95	ppb
Bismuth	209-1				104		%
Bismuth	209-2				107		%
Boron	11-1	19.30	21.51	22.77	21.19	8.28	ppb
Boron	10-1	18.78	21.60	24.42	21.60	13.07	ppb
Bromine	81-1						cps
Cadmium	106-1	-3.30	-0.90	-0.26	-1.48		ppb
Cadmium	108-1	0.17	-0.06	-0.23	-0.04		ppb
Cadmium	111-1	-0.25	-0.07	-0.02	-0.11		ppb
Calcium	43-1	95478.69	101544.03	100050.80	99024.50	3.19	ppb
Calcium	44-1	93843.52	99092.32	100039.35	97658.40	3.42	ppb
Chromium	52-2	0.35	0.26	0.14	0.25	42.77	ppb
Cobalt	59-2	0.06	0.06	0.07	0.07	8.09	ppb
Copper	63-2	0.09	0.25	0.10	0.15	60.30	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				106		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	54-2	99.70	98.31	104.05	100.69	2.97	ppb
Iron	56-2	95.14	95.45	99.40	96.66	2.46	ppb
Iron	57-2	95.08	101.90	98.13	98.37	3.47	ppb
Krypton	83-1						cps
Lead	207-1	0.21	0.29	0.24	0.25	16.98	ppb
Lead	208-1	0.31	0.20	0.19	0.23	27.15	ppb
Lead	206-1	0.30	0.31	0.28	0.30	4.40	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-01DUP	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:05:03	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	17469.06	18164.95	18668.52	18100.84	3.33	ppb
Manganese	55-2	2.16	1.77	2.32	2.08	13.48	ppb
Molybdenum	94-1	0.13	0.08	0.17	0.13	35.20	ppb
Molybdenum	95-1	0.02	0.02	0.09	0.04	97.23	ppb
Molybdenum	96-1	0.04	0.07	0.04	0.05	29.06	ppb
Molybdenum	97-1	0.03	0.01	0.03	0.02	49.37	ppb
Molybdenum	98-1	0.04	0.04	0.01	0.03	50.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	0.12	0.31	0.18	60.69	ppb
Phosphorus	31-2	-49.21	-55.45	-62.80	-55.82		ppb
Potassium	39-2	507.95	530.46	604.46	547.62	9.22	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	77-2	0.60	0.69	0.76	0.69	11.56	ppb
Selenium	78-2	-1.63	1.64	-0.84	-0.28		ppb
Selenium	82-1	-0.23	0.10	-0.14	-0.09		ppb
Silicon	28-1	2984.79	3244.91	3170.35	3133.35	4.27	ppb
Silver	109-1	0.00	0.00	0.00	0.00	643.21	ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Sodium	23-2	4623.14	4786.45	4936.94	4782.18	3.28	ppb
Strontium	86-1	667.98	697.13	698.58	687.90	2.51	ppb
Strontium	88-1	663.57	700.90	700.61	688.36	3.12	ppb
Sulfur	34-1	3680.06	7074.50	6214.61	5656.39	31.20	ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	-0.01	0.01	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.01	0.00	314.67	ppb
Tin	118-1	-0.04	-0.03	0.00	-0.02		ppb
Titanium	47-1	0.29	0.66	0.54	0.50	38.65	ppb
Uranium	238-1	0.72	0.73	0.74	0.73	1.75	ppb
Vanadium	51-2	0.11	0.09	0.11	0.11	11.57	ppb
Yttrium	89-1				103		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-01DUP	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:05:03	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	0.90	1.41	1.32	1.21	22.82	ppb
Zirconium	90-1	0.04	0.08	0.05	0.06	38.42	ppb
Zirconium	91-1	0.02	0.06	0.01	0.03	75.37	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-01LX5	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-03 17:07:54	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.57	13.85	15.80	13.07	24.39	ppb
Antimony	121-1	0.02	0.02	0.01	0.02	42.24	ppb
Arsenic	75-2	0.05	0.00	0.03	0.02	105.01	ppb
Barium	135-1	6.13	6.55	7.00	6.56	6.61	ppb
Barium	137-1	6.72	7.57	7.02	7.10	6.07	ppb
Beryllium	9-1	-0.02	-0.01	0.00	-0.01		ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	11-1	8.88	9.23	8.47	8.86	4.30	ppb
Boron	10-1	9.72	9.40	9.10	9.41	3.27	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.49	-0.19	1.36	0.23	438.89	ppb
Cadmium	108-1	-0.23	-0.07	0.19	-0.04		ppb
Cadmium	111-1	-0.02	-0.01	0.08	0.02	279.04	ppb
Calcium	43-1	17439.77	17920.13	18389.21	17916.37	2.65	ppb
Calcium	44-1	17519.25	18544.72	18041.81	18035.26	2.84	ppb
Chromium	52-2	0.09	0.14	0.12	0.12	23.05	ppb
Cobalt	59-2	0.02	0.06	0.02	0.03	73.56	ppb
Copper	63-2	-0.06	0.22	0.09	0.08	171.14	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				105		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	54-2	20.17	31.88	21.80	24.62	25.77	ppb
Iron	56-2	17.60	40.66	20.37	26.21	48.02	ppb
Iron	57-2	19.73	29.19	21.42	23.45	21.52	ppb
Krypton	83-1						cps
Lead	207-1	0.01	0.02	-0.01	0.01	159.35	ppb
Lead	208-1	0.05	0.07	0.21	0.11	81.69	ppb
Lead	206-1	0.07	0.09	0.08	0.08	9.26	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-01LX5	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-03 17:07:54	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	3408.86	3308.97	3669.84	3462.56	5.38	ppb
Manganese	55-2	0.48	0.61	0.60	0.56	13.23	ppb
Molybdenum	94-1	0.05	0.01	0.02	0.02	94.35	ppb
Molybdenum	95-1	0.02	0.02	0.01	0.02	37.40	ppb
Molybdenum	96-1	0.01	-0.02	0.00	-0.01		ppb
Molybdenum	97-1	0.00	0.02	0.00	0.01	184.23	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.01	111.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.21	-0.20	-0.18		ppb
Phosphorus	31-2	-41.81	8.73	-33.33	-22.14		ppb
Potassium	39-2	73.23	78.94	152.09	101.42	43.36	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				97		%
Selenium	77-2	-1.49	-1.49	3.50	0.18	1637.59	ppb
Selenium	78-2	-1.42	0.71	-1.46	-0.72		ppb
Selenium	82-1	0.54	0.02	0.60	0.39	82.37	ppb
Silicon	28-1	522.60	521.48	545.54	529.87	2.56	ppb
Silver	109-1	0.00	-0.01	-0.01	0.00		ppb
Silver	107-1	-0.01	0.00	-0.01	0.00		ppb
Sodium	23-2	845.79	850.49	969.26	888.51	7.88	ppb
Strontium	86-1	125.32	122.02	126.03	124.46	1.72	ppb
Strontium	88-1	124.80	129.57	131.83	128.73	2.79	ppb
Sulfur	34-1	-833.32	-113.05	1074.94	42.86	2248.47	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.01	-0.01	0.00	0.00	1352.55	ppb
Thallium	205-1	0.00	0.01	0.02	0.01	95.91	ppb
Tin	118-1	0.05	0.03	-0.01	0.02	146.55	ppb
Titanium	47-1	0.08	0.29	0.21	0.19	53.85	ppb
Uranium	238-1	0.12	0.14	0.12	0.13	10.59	ppb
Vanadium	51-2	0.02	0.06	0.02	0.03	67.92	ppb
Yttrium	89-1				104		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-01LX5	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-03 17:07:54	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	0.24	0.38	0.56	0.39	40.41	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	23.29	ppb
Zirconium	91-1	0.03	0.04	0.05	0.04	22.76	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:13:42	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50615.50	49555.83	47940.99	49370.77	2.73	ppb
Antimony	121-1	482.78	490.49	494.95	489.41	1.26	ppb
Arsenic	75-2	488.52	486.52	479.91	484.98	0.93	ppb
Barium	135-1	2409.47	2468.45	2467.00	2448.31	1.37	ppb
Barium	137-1	2482.66	2538.71	2468.69	2496.68	1.48	ppb
Beryllium	9-1	498.94	501.74	503.22	501.30	0.43	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	11-1	424.88	471.03	509.56	468.49	9.05	ppb
Boron	10-1	425.42	479.09	511.57	472.02	9.22	ppb
Bromine	81-1						cps
Cadmium	106-1	498.56	505.35	504.03	502.65	0.72	ppb
Cadmium	108-1	481.83	483.50	478.18	481.17	0.57	ppb
Cadmium	111-1	470.49	491.60	481.08	481.06	2.19	ppb
Calcium	43-1	246447.96	253446.33	251044.83	250313.04	1.42	ppb
Calcium	44-1	246327.17	249718.40	248835.67	248293.75	0.71	ppb
Chromium	52-2	516.78	509.79	497.50	508.02	1.92	ppb
Cobalt	59-2	509.96	498.97	481.77	496.90	2.86	ppb
Copper	63-2	5484.97	5397.68	5099.03	5327.23	3.80	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				103		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	140833.13	139555.25	133116.52	137834.96	3.00	ppb
Iron	56-2	139791.55	138256.55	132310.12	136786.07	2.89	ppb
Iron	57-2	138334.81	136742.96	131481.41	135519.73	2.65	ppb
Krypton	83-1						cps
Lead	207-1	2551.26	2551.30	2511.55	2538.04	0.90	ppb
Lead	208-1	2361.72	2331.49	2440.60	2377.93	2.37	ppb
Lead	206-1	2550.96	2567.35	2535.61	2551.30	0.62	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:13:42	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	265665.28	254188.71	249472.92	256442.30	3.25	ppb
Manganese	55-2	5206.43	5127.85	4928.89	5087.72	2.81	ppb
Molybdenum	94-1	2483.74	2457.31	2482.94	2474.66	0.61	ppb
Molybdenum	95-1	2470.12	2474.64	2484.30	2476.36	0.29	ppb
Molybdenum	96-1	2469.91	2503.67	2463.07	2478.88	0.88	ppb
Molybdenum	97-1	2469.93	2516.25	2484.72	2490.30	0.95	ppb
Molybdenum	98-1	2456.10	2491.89	2443.91	2463.96	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.04	507.98	481.72	501.58	3.50	ppb
Phosphorus	31-2	9745.42	9660.86	9760.20	9722.16	0.55	ppb
Potassium	39-2	132184.03	126787.32	124440.59	127803.98	3.11	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	77-2	516.17	500.54	490.11	502.27	2.61	ppb
Selenium	78-2	495.87	483.53	499.47	492.95	1.70	ppb
Selenium	82-1	485.77	493.28	487.33	488.80	0.81	ppb
Silicon	28-1	355.45	403.88	431.05	396.79	9.65	ppb
Silver	109-1	480.75	493.73	483.29	485.92	1.42	ppb
Silver	107-1	485.78	492.64	494.10	490.84	0.91	ppb
Sodium	23-2	261122.82	251633.44	246873.56	253209.94	2.86	ppb
Strontium	86-1	487.26	488.93	489.52	488.57	0.24	ppb
Strontium	88-1	494.62	502.20	496.59	497.80	0.79	ppb
Sulfur	34-1	10777.18	9924.12	9258.12	9986.48	7.62	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	505.60	498.79	497.26	500.55	0.89	ppb
Thallium	205-1	504.22	504.63	503.07	503.97	0.16	ppb
Tin	118-1	475.73	490.22	485.87	483.94	1.54	ppb
Titanium	47-1	2427.76	2481.97	2526.47	2478.73	1.99	ppb
Uranium	238-1	512.92	521.03	500.25	511.40	2.05	ppb
Vanadium	51-2	513.89	508.25	492.66	504.93	2.18	ppb
Yttrium	89-1				103		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:13:42	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	5458.59	5298.65	5087.71	5281.65	3.52	ppb
Zirconium	90-1	501.75	496.71	497.73	498.73	0.53	ppb
Zirconium	91-1	489.43	488.47	490.72	489.54	0.23	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:20:35	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.71	-1.28	1.86	-0.71		ppb
Antimony	121-1	0.03	0.02	0.05	0.03	40.83	ppb
Arsenic	75-2	-0.01	0.00	0.06	0.02	239.25	ppb
Barium	135-1	0.10	0.06	0.02	0.06	68.71	ppb
Barium	137-1	0.05	0.02	0.01	0.03	78.74	ppb
Beryllium	9-1	0.09	0.04	0.05	0.06	43.60	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	11-1	13.21	13.56	11.46	12.74	8.81	ppb
Boron	10-1	13.26	14.20	12.50	13.32	6.42	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.48	-2.45	1.89	-0.68		ppb
Cadmium	108-1	-0.06	-0.06	-0.23	-0.12		ppb
Cadmium	111-1	-0.11	-0.16	0.17	-0.03		ppb
Calcium	43-1	-4.18	-6.65	-2.92	-4.58		ppb
Calcium	44-1	-14.53	-11.25	-15.44	-13.74		ppb
Chromium	52-2	0.11	0.06	0.01	0.06	88.05	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00		ppb
Copper	63-2	0.16	0.21	0.17	0.18	15.46	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				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	-0.07	-0.93	2.86	0.62	320.02	ppb
Iron	56-2	1.08	1.64	2.52	1.75	41.51	ppb
Iron	57-2	0.46	0.49	-0.64	0.10	624.03	ppb
Krypton	83-1						cps
Lead	207-1	0.06	0.02	0.05	0.04	43.41	ppb
Lead	208-1	0.13	0.15	0.24	0.17	34.96	ppb
Lead	206-1	0.08	0.16	0.14	0.13	34.45	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:20:35	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	3.61	-2.07	1.37	0.97	295.85	ppb
Manganese	55-2	0.09	0.17	0.13	0.13	29.80	ppb
Molybdenum	94-1	0.04	0.05	0.01	0.03	63.43	ppb
Molybdenum	95-1	0.10	0.05	0.03	0.06	55.95	ppb
Molybdenum	96-1	0.08	0.04	0.05	0.06	34.57	ppb
Molybdenum	97-1	0.09	0.05	0.02	0.05	69.20	ppb
Molybdenum	98-1	0.09	0.02	0.03	0.05	81.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.16	-0.32	-0.32	-0.27		ppb
Phosphorus	31-2	-10.06	-118.36	-21.72	-50.05		ppb
Potassium	39-2	18.77	3.15	15.87	12.60	65.97	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	77-2	7.78	-1.49	0.78	2.36	204.84	ppb
Selenium	78-2	1.71	1.09	1.08	1.29	27.58	ppb
Selenium	82-1	-0.35	1.64	0.14	0.48	218.34	ppb
Silicon	28-1	-12.38	-11.38	-26.47	-16.74		ppb
Silver	109-1	0.01	0.00	0.00	0.01	88.89	ppb
Silver	107-1	0.00	-0.02	0.00	0.00		ppb
Sodium	23-2	-12.81	-8.34	-6.66	-9.27		ppb
Strontium	86-1	0.04	0.06	0.20	0.10	87.69	ppb
Strontium	88-1	0.00	0.00	0.01	0.00	357.10	ppb
Sulfur	34-1	-2206.46	-1068.67	-2070.53	-1781.89		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.12	0.13	0.12	0.12	2.96	ppb
Thallium	205-1	0.13	0.13	0.13	0.13	0.36	ppb
Tin	118-1	-0.02	-0.01	-0.01	-0.01		ppb
Titanium	47-1	-0.01	0.12	-0.11	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.00	0.03	0.02	102.97	ppb
Yttrium	89-1				101		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:20:35	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	-0.13	-0.01	0.02	-0.04		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	44.75	ppb
Zirconium	91-1	-0.01	-0.01	0.00	-0.01		ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-02	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640MS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:24:51	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11028.37	10149.77	10050.01	10409.38	5.17	ppb
Antimony	121-1	456.61	473.31	461.29	463.73	1.86	ppb
Arsenic	75-2	569.09	518.66	524.83	537.53	5.12	ppb
Barium	135-1	2444.20	2527.67	2539.53	2503.80	2.08	ppb
Barium	137-1	2442.65	2580.40	2515.48	2512.84	2.74	ppb
Beryllium	9-1	459.43	468.75	484.98	471.05	2.75	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	11-1	402.97	471.27	529.33	467.86	13.52	ppb
Boron	10-1	402.98	475.51	525.50	468.00	13.16	ppb
Bromine	81-1						cps
Cadmium	106-1	447.29	463.23	463.49	458.00	2.03	ppb
Cadmium	108-1	450.80	471.46	447.81	456.69	2.82	ppb
Cadmium	111-1	445.00	464.26	457.18	455.48	2.14	ppb
Calcium	43-1	137400.50	138648.31	138155.31	138068.04	0.46	ppb
Calcium	44-1	137507.66	137794.53	136885.01	137395.73	0.34	ppb
Chromium	52-2	510.78	475.38	464.02	483.39	5.04	ppb
Cobalt	59-2	512.25	469.49	463.60	481.78	5.51	ppb
Copper	63-2	1084.59	1002.21	984.84	1023.88	5.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	29690.61	27463.05	27138.84	28097.50	4.94	ppb
Iron	56-2	29339.04	26867.22	26531.59	27579.28	5.56	ppb
Iron	57-2	28671.47	26522.47	26530.83	27241.59	4.55	ppb
Krypton	83-1						cps
Lead	207-1	442.39	436.17	450.60	443.05	1.63	ppb
Lead	208-1	419.82	452.04	427.21	433.03	3.90	ppb
Lead	206-1	439.35	443.24	447.80	443.46	0.95	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-02	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640MS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:24:51	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	71659.95	65559.61	65873.76	67697.77	5.07	ppb
Manganese	55-2	1098.67	1003.51	993.60	1031.93	5.62	ppb
Molybdenum	94-1	2525.86	2471.78	2517.44	2505.03	1.16	ppb
Molybdenum	95-1	2536.50	2520.03	2557.37	2537.97	0.74	ppb
Molybdenum	96-1	2550.16	2540.56	2524.16	2538.29	0.52	ppb
Molybdenum	97-1	2618.61	2547.23	2537.43	2567.76	1.73	ppb
Molybdenum	98-1	2574.27	2540.02	2483.96	2532.75	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	534.76	494.27	488.72	505.92	4.97	ppb
Phosphorus	31-2	-112.64	-47.88	-72.65	-77.72		ppb
Potassium	39-2	29375.51	26316.31	25955.87	27215.90	6.90	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				111		%
Scandium	45-2				103		%
Selenium	77-2	480.57	481.62	514.94	492.38	3.97	ppb
Selenium	78-2	511.52	481.70	465.31	486.17	4.82	ppb
Selenium	82-1	472.87	461.61	467.88	467.45	1.21	ppb
Silicon	28-1	3067.68	3075.39	3029.05	3057.37	0.81	ppb
Silver	109-1	260.36	270.71	270.84	267.30	2.25	ppb
Silver	107-1	261.79	267.76	265.47	265.01	1.14	ppb
Sodium	23-2	59900.30	54095.84	54043.39	56013.18	6.01	ppb
Strontium	86-1	1097.66	1087.19	1105.12	1096.65	0.82	ppb
Strontium	88-1	1103.71	1097.94	1115.54	1105.73	0.81	ppb
Sulfur	34-1	192.96	-697.44	-1187.54	-564.01		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	465.41	477.91	479.12	474.15	1.60	ppb
Thallium	205-1	464.31	468.86	481.88	471.68	1.93	ppb
Tin	118-1	482.53	501.02	489.10	490.89	1.91	ppb
Titanium	47-1	2411.59	2448.67	2434.35	2431.53	0.77	ppb
Uranium	238-1	467.46	476.70	475.22	473.13	1.05	ppb
Vanadium	51-2	516.44	474.42	470.82	487.23	5.21	ppb
Yttrium	89-1				108		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-02	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640MS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:24:51	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	1094.78	1003.90	985.64	1028.11	5.69	ppb
Zirconium	90-1	471.01	470.01	471.23	470.75	0.14	ppb
Zirconium	91-1	461.63	460.36	471.40	464.46	1.30	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-03	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:27:42	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10571.79	10500.76	10167.98	10413.51	2.07	ppb
Antimony	121-1	471.49	505.36	483.33	486.72	3.53	ppb
Arsenic	75-2	552.59	539.32	540.98	544.30	1.33	ppb
Barium	135-1	2549.09	2731.82	2583.72	2621.54	3.70	ppb
Barium	137-1	2527.49	2792.00	2594.16	2637.89	5.22	ppb
Beryllium	9-1	499.14	534.01	500.06	511.07	3.89	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	11-1	504.04	589.83	604.29	566.06	9.57	ppb
Boron	10-1	509.53	587.71	606.09	567.78	9.03	ppb
Bromine	81-1						cps
Cadmium	106-1	474.78	514.66	485.85	491.76	4.19	ppb
Cadmium	108-1	457.98	494.06	473.07	475.03	3.81	ppb
Cadmium	111-1	464.60	511.30	478.06	484.65	4.96	ppb
Calcium	43-1	141423.05	156155.75	143505.64	147028.15	5.42	ppb
Calcium	44-1	140936.92	154806.92	141498.67	145747.50	5.39	ppb
Chromium	52-2	490.70	485.83	470.40	482.31	2.20	ppb
Cobalt	59-2	492.87	483.67	476.08	484.21	1.74	ppb
Copper	63-2	1034.62	1040.10	1005.17	1026.63	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	28508.54	28042.98	27392.94	27981.48	2.00	ppb
Iron	56-2	27962.94	27820.37	26848.50	27543.94	2.20	ppb
Iron	57-2	27474.76	27190.83	26510.10	27058.56	1.83	ppb
Krypton	83-1						cps
Lead	207-1	458.84	496.81	448.19	467.94	5.46	ppb
Lead	208-1	439.75	480.89	464.04	461.56	4.48	ppb
Lead	206-1	461.53	506.25	448.82	472.20	6.39	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-03	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:27:42	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	68656.94	67716.62	65973.45	67449.01	2.02	ppb
Manganese	55-2	1044.90	1030.96	997.59	1024.48	2.37	ppb
Molybdenum	94-1	2526.78	2791.06	2564.42	2627.42	5.44	ppb
Molybdenum	95-1	2582.61	2843.03	2614.51	2680.05	5.30	ppb
Molybdenum	96-1	2594.15	2866.25	2614.67	2691.69	5.63	ppb
Molybdenum	97-1	2608.63	2893.97	2687.34	2729.98	5.40	ppb
Molybdenum	98-1	2587.37	2838.39	2632.49	2686.08	4.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.74	516.87	506.57	514.39	1.35	ppb
Phosphorus	31-2	-44.50	-19.02	-65.39	-42.97		ppb
Potassium	39-2	27440.38	26890.65	26548.38	26959.80	1.67	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	77-2	492.62	530.00	458.73	493.78	7.22	ppb
Selenium	78-2	504.19	489.20	496.80	496.73	1.51	ppb
Selenium	82-1	474.30	528.68	494.05	499.01	5.52	ppb
Silicon	28-1	3140.62	3458.46	3182.35	3260.48	5.30	ppb
Silver	109-1	255.94	275.88	258.11	263.31	4.15	ppb
Silver	107-1	254.69	274.99	260.99	263.55	3.94	ppb
Sodium	23-2	55957.22	55731.69	54495.67	55394.86	1.42	ppb
Strontium	86-1	1111.48	1262.60	1155.48	1176.52	6.61	ppb
Strontium	88-1	1134.67	1253.80	1157.83	1182.10	5.34	ppb
Sulfur	34-1	162.00	2775.29	-260.58	892.24	184.30	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	485.94	534.20	487.06	502.40	5.48	ppb
Thallium	205-1	486.43	537.90	477.60	500.65	6.51	ppb
Tin	118-1	500.68	539.84	508.52	516.34	4.01	ppb
Titanium	47-1	2476.97	2713.32	2513.34	2567.88	4.96	ppb
Uranium	238-1	487.94	526.50	479.56	498.00	5.03	ppb
Vanadium	51-2	490.27	489.75	482.54	487.52	0.89	ppb
Yttrium	89-1				104		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-03	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:27:42	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	1038.13	1029.42	1006.49	1024.68	1.60	ppb
Zirconium	90-1	483.19	545.08	497.19	508.49	6.38	ppb
Zirconium	91-1	470.62	529.95	486.23	495.60	6.21	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-01A	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:30:30	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10464.45	10535.96	10476.77	10492.39	0.36	ppb
Antimony	121-1	475.82	484.84	489.59	483.42	1.45	ppb
Arsenic	75-2	537.09	546.81	536.87	540.26	1.05	ppb
Barium	135-1	2540.77	2524.33	2569.08	2544.73	0.89	ppb
Barium	137-1	2557.31	2577.98	2609.40	2581.56	1.02	ppb
Beryllium	9-1	493.31	490.07	496.97	493.45	0.70	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	11-1	509.66	563.95	618.45	564.02	9.64	ppb
Boron	10-1	518.74	570.84	612.92	567.50	8.31	ppb
Bromine	81-1						cps
Cadmium	106-1	459.30	474.56	472.61	468.82	1.77	ppb
Cadmium	108-1	453.57	478.81	467.12	466.50	2.71	ppb
Cadmium	111-1	464.95	475.99	476.73	472.56	1.40	ppb
Calcium	43-1	142835.79	143987.04	140731.75	142518.19	1.16	ppb
Calcium	44-1	140814.80	143484.28	139877.64	141392.24	1.32	ppb
Chromium	52-2	485.01	486.38	485.08	485.49	0.16	ppb
Cobalt	59-2	484.44	486.15	484.59	485.06	0.20	ppb
Copper	63-2	1022.24	1028.78	1033.94	1028.32	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	54-2	28070.79	28371.98	28423.61	28288.79	0.67	ppb
Iron	56-2	27436.92	27902.85	27627.25	27655.67	0.85	ppb
Iron	57-2	26901.25	27562.65	27109.92	27191.27	1.24	ppb
Krypton	83-1						cps
Lead	207-1	456.47	462.58	454.43	457.83	0.93	ppb
Lead	208-1	444.72	460.17	451.60	452.16	1.71	ppb
Lead	206-1	452.86	468.44	458.37	459.89	1.72	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-01A	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:30:30	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	67930.11	69086.72	67703.71	68240.18	1.09	ppb
Manganese	55-2	1028.63	1035.49	1028.90	1031.01	0.38	ppb
Molybdenum	94-1	2588.03	2554.22	2557.27	2566.51	0.73	ppb
Molybdenum	95-1	2659.59	2602.87	2636.57	2633.01	1.08	ppb
Molybdenum	96-1	2675.47	2634.46	2640.66	2650.19	0.83	ppb
Molybdenum	97-1	2688.64	2658.40	2614.96	2654.00	1.40	ppb
Molybdenum	98-1	2735.66	2646.92	2621.92	2668.16	2.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.11	516.91	508.85	511.29	0.95	ppb
Phosphorus	31-2	-33.75	-52.93	-99.30	-61.99		ppb
Potassium	39-2	26766.31	27437.05	26826.43	27009.93	1.37	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				104		%
Selenium	77-2	500.71	426.28	497.28	474.76	8.85	ppb
Selenium	78-2	467.32	495.21	477.70	480.08	2.94	ppb
Selenium	82-1	487.53	484.50	483.72	485.25	0.42	ppb
Silicon	28-1	3184.88	3109.57	3105.79	3133.41	1.42	ppb
Silver	109-1	284.17	289.49	290.72	288.13	1.21	ppb
Silver	107-1	282.85	290.97	288.68	287.50	1.46	ppb
Sodium	23-2	55888.70	56255.76	55889.46	56011.30	0.38	ppb
Strontium	86-1	1154.63	1144.85	1144.59	1148.02	0.50	ppb
Strontium	88-1	1166.07	1149.33	1122.61	1146.00	1.91	ppb
Sulfur	34-1	788.82	-148.05	-760.36	-39.86		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	486.68	495.04	484.88	488.86	1.11	ppb
Thallium	205-1	491.17	495.30	477.02	487.83	1.97	ppb
Tin	118-1	500.50	523.70	510.44	511.54	2.28	ppb
Titanium	47-1	2521.77	2515.34	2459.17	2498.76	1.38	ppb
Uranium	238-1	480.79	486.19	483.97	483.65	0.56	ppb
Vanadium	51-2	489.26	495.74	490.18	491.73	0.71	ppb
Yttrium	89-1				105		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-01A	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:30:30	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	1038.99	1040.35	1029.18	1036.17	0.59	ppb
Zirconium	90-1	493.21	491.56	482.32	489.03	1.20	ppb
Zirconium	91-1	487.53	474.84	476.03	479.47	1.46	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-04	Instrumnet Name :	P8
Client Sample ID :	FA20-JPZ0685	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:33:21	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	209.20	227.88	202.61	213.23	6.15	ppb
Antimony	121-1	0.16	0.19	0.24	0.20	19.28	ppb
Arsenic	75-2	0.27	0.19	0.27	0.24	18.16	ppb
Barium	135-1	25.86	29.33	24.79	26.66	8.90	ppb
Barium	137-1	25.27	30.74	24.53	26.85	12.64	ppb
Beryllium	9-1	0.39	0.43	0.40	0.41	5.76	ppb
Bismuth	209-1				103		%
Bismuth	209-2				107		%
Boron	11-1	107.09	115.00	97.14	106.41	8.41	ppb
Boron	10-1	107.90	116.64	96.30	106.94	9.54	ppb
Bromine	81-1						cps
Cadmium	106-1	0.62	-2.48	-2.29	-1.38		ppb
Cadmium	108-1	-0.15	-0.13	-0.01	-0.10		ppb
Cadmium	111-1	0.14	-0.04	-0.03	0.02	456.02	ppb
Calcium	43-1	89849.84	110542.74	92428.76	97607.11	11.55	ppb
Calcium	44-1	89285.38	107659.58	93430.20	96791.72	9.96	ppb
Chromium	52-2	0.70	0.65	0.62	0.66	6.71	ppb
Cobalt	59-2	0.28	0.28	0.30	0.29	3.16	ppb
Copper	63-2	1.25	1.34	1.03	1.21	12.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				107		%
Iron	54-2	353.82	365.29	348.03	355.71	2.47	ppb
Iron	56-2	354.91	374.47	349.11	359.49	3.70	ppb
Iron	57-2	356.50	372.93	335.77	355.07	5.24	ppb
Krypton	83-1						cps
Lead	207-1	0.31	0.39	0.27	0.32	18.76	ppb
Lead	208-1	0.40	0.45	0.45	0.43	6.24	ppb
Lead	206-1	0.35	0.44	0.33	0.37	15.91	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-04	Instrumnet Name :	P8
Client Sample ID :	FA20-JPZ0685	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:33:21	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	16099.26	16567.91	16094.66	16253.94	1.67	ppb
Manganese	55-2	124.05	127.31	122.90	124.75	1.83	ppb
Molybdenum	94-1	2.47	2.42	2.22	2.37	5.51	ppb
Molybdenum	95-1	2.83	2.95	2.73	2.84	3.78	ppb
Molybdenum	96-1	2.70	3.01	2.73	2.82	6.07	ppb
Molybdenum	97-1	2.83	3.09	2.59	2.84	8.86	ppb
Molybdenum	98-1	2.68	3.21	2.81	2.90	9.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.72	0.49	0.58	0.60	19.17	ppb
Phosphorus	31-2	-90.09	-62.41	-64.39	-72.30		ppb
Potassium	39-2	863.15	890.70	847.72	867.19	2.51	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	77-2	2.79	2.79	0.64	2.07	60.04	ppb
Selenium	78-2	0.06	-1.46	0.59	-0.27		ppb
Selenium	82-1	-0.56	1.07	-0.44	0.02	3907.29	ppb
Silicon	28-1	3044.12	3783.14	3103.80	3310.35	12.40	ppb
Silver	109-1	0.01	0.04	0.02	0.02	69.60	ppb
Silver	107-1	0.01	0.01	0.02	0.01	32.70	ppb
Sodium	23-2	17811.48	18569.44	17796.07	18058.99	2.45	ppb
Strontium	86-1	639.62	752.80	643.41	678.61	9.47	ppb
Strontium	88-1	635.08	760.23	649.03	681.45	10.06	ppb
Sulfur	34-1	-994.07	9378.29	490.37	2958.20	189.62	ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	0.42	0.47	0.40	0.43	8.73	ppb
Thallium	205-1	0.43	0.46	0.40	0.43	7.14	ppb
Tin	118-1	0.04	0.05	0.05	0.05	8.59	ppb
Titanium	47-1	2.83	3.84	3.02	3.23	16.58	ppb
Uranium	238-1	1.81	2.26	1.92	2.00	11.92	ppb
Vanadium	51-2	0.45	0.44	0.34	0.41	14.47	ppb
Yttrium	89-1				102		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-04	Instrumnet Name :	P8
Client Sample ID :	FA20-JPZ0685	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:33:21	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	2.94	2.82	2.24	2.67	14.08	ppb
Zirconium	90-1	0.21	0.22	0.20	0.21	4.18	ppb
Zirconium	91-1	0.20	0.14	0.16	0.17	18.25	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-05	Instrumnet Name :	P8
Client Sample ID :	FA20-JPZ0680	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:36:09	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	292.67	309.34	299.54	300.52	2.79	ppb
Antimony	121-1	0.17	0.17	0.24	0.19	20.11	ppb
Arsenic	75-2	0.42	0.54	0.41	0.46	16.41	ppb
Barium	135-1	28.79	30.22	29.31	29.44	2.45	ppb
Barium	137-1	29.66	31.12	30.36	30.38	2.40	ppb
Beryllium	9-1	0.25	0.23	0.24	0.24	3.67	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	11-1	43.19	42.94	40.86	42.33	3.02	ppb
Boron	10-1	43.06	40.75	40.58	41.46	3.35	ppb
Bromine	81-1						cps
Cadmium	106-1	-3.82	0.24	0.99	-0.86		ppb
Cadmium	108-1	-0.08	0.08	0.00	0.00	2750.80	ppb
Cadmium	111-1	-0.24	0.05	0.09	-0.04		ppb
Calcium	43-1	72150.77	71266.50	71760.17	71725.81	0.62	ppb
Calcium	44-1	72099.46	72466.71	70343.95	71636.71	1.58	ppb
Chromium	52-2	0.36	0.27	0.45	0.36	23.96	ppb
Cobalt	59-2	0.26	0.25	0.25	0.25	1.91	ppb
Copper	63-2	2.81	2.80	2.57	2.73	4.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	534.78	549.23	531.75	538.59	1.73	ppb
Iron	56-2	533.84	539.10	545.78	539.57	1.11	ppb
Iron	57-2	533.90	539.99	503.95	525.95	3.67	ppb
Krypton	83-1						cps
Lead	207-1	0.85	0.80	0.95	0.87	8.38	ppb
Lead	208-1	1.13	0.86	0.79	0.93	19.20	ppb
Lead	206-1	0.94	0.96	1.08	1.00	7.88	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-05	Instrumnet Name :	P8
Client Sample ID :	FA20-JPZ0680	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:36:09	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	2404.07	2447.14	2391.70	2414.30	1.21	ppb
Manganese	55-2	35.82	38.82	39.15	37.93	4.83	ppb
Molybdenum	94-1	0.60	0.55	0.56	0.57	5.22	ppb
Molybdenum	95-1	0.36	0.35	0.22	0.31	24.53	ppb
Molybdenum	96-1	0.35	0.36	0.34	0.35	1.89	ppb
Molybdenum	97-1	0.30	0.30	0.37	0.32	11.83	ppb
Molybdenum	98-1	0.29	0.36	0.32	0.33	11.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.31	1.43	1.24	1.33	7.27	ppb
Phosphorus	31-2	-105.62	-77.60	-66.60	-83.27		ppb
Potassium	39-2	287.48	298.35	287.38	291.07	2.17	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				102		%
Selenium	77-2	4.90	2.90	0.70	2.83	74.14	ppb
Selenium	78-2	0.60	-2.43	2.65	0.27	942.97	ppb
Selenium	82-1	1.22	0.97	1.37	1.18	17.24	ppb
Silicon	28-1	1320.27	1322.43	1291.16	1311.29	1.33	ppb
Silver	109-1	0.01	0.02	0.03	0.02	39.75	ppb
Silver	107-1	0.02	0.00	0.03	0.02	104.41	ppb
Sodium	23-2	1011.27	1037.33	1008.06	1018.89	1.58	ppb
Strontium	86-1	317.26	320.80	307.63	315.23	2.16	ppb
Strontium	88-1	322.65	329.30	314.33	322.09	2.33	ppb
Sulfur	34-1	-3488.81	-3970.14	-3150.71	-3536.55		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.21	0.20	0.17	0.19	11.00	ppb
Thallium	205-1	0.16	0.25	0.19	0.20	23.85	ppb
Tin	118-1	0.02	0.02	0.02	0.02	13.60	ppb
Titanium	47-1	2.37	2.65	2.47	2.50	5.69	ppb
Uranium	238-1	0.61	0.69	0.68	0.66	6.89	ppb
Vanadium	51-2	0.22	0.19	0.22	0.21	8.30	ppb
Yttrium	89-1				108		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-05	Instrumnet Name :	P8
Client Sample ID :	FA20-JPZ0680	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:36:09	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	4.34	4.94	4.72	4.67	6.49	ppb
Zirconium	90-1	0.18	0.21	0.19	0.19	9.85	ppb
Zirconium	91-1	0.23	0.19	0.20	0.21	8.97	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-06	Instrumnet Name :	P8
Client Sample ID :	FA20-FTF-RB1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:39:00	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.45	3.46	4.53	3.15	49.69	ppb
Antimony	121-1	0.03	0.01	0.05	0.03	53.06	ppb
Arsenic	75-2	0.06	-0.02	0.00	0.01	418.36	ppb
Barium	135-1	0.04	0.04	0.03	0.04	20.41	ppb
Barium	137-1	0.07	0.07	0.06	0.06	11.09	ppb
Beryllium	9-1	0.16	0.20	0.14	0.17	15.82	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	11-1	26.70	26.82	25.79	26.44	2.13	ppb
Boron	10-1	28.27	26.68	26.05	27.00	4.24	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.40	1.04	0.13	0.25	286.80	ppb
Cadmium	108-1	-0.15	0.10	-0.31	-0.12		ppb
Cadmium	111-1	-0.01	0.07	0.02	0.03	172.89	ppb
Calcium	43-1	17.57	14.58	14.67	15.61	10.89	ppb
Calcium	44-1	6.50	8.82	6.36	7.23	19.18	ppb
Chromium	52-2	0.04	0.20	0.17	0.14	60.43	ppb
Cobalt	59-2	0.00	0.04	0.07	0.04	98.65	ppb
Copper	63-2	-0.01	0.11	0.36	0.15	124.93	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				104		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	2.73	5.63	15.91	8.09	85.62	ppb
Iron	56-2	2.39	3.76	12.56	6.24	88.46	ppb
Iron	57-2	-0.97	0.87	8.32	2.74	179.55	ppb
Krypton	83-1						cps
Lead	207-1	0.07	0.05	0.06	0.06	18.89	ppb
Lead	208-1	0.29	0.32	0.11	0.24	46.85	ppb
Lead	206-1	0.10	0.08	0.10	0.09	9.95	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-06	Instrumnet Name :	P8
Client Sample ID :	FA20-FTF-RB1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:39:00	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	7.22	3.96	11.66	7.61	50.74	ppb
Manganese	55-2	0.24	0.12	0.28	0.21	39.19	ppb
Molybdenum	94-1	0.04	0.04	0.00	0.03	87.66	ppb
Molybdenum	95-1	0.02	0.05	0.01	0.03	73.10	ppb
Molybdenum	96-1	0.00	0.04	0.07	0.04	101.66	ppb
Molybdenum	97-1	0.00	0.04	0.01	0.02	128.30	ppb
Molybdenum	98-1	0.05	0.04	0.01	0.03	54.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.21	-0.30	-0.15	-0.22		ppb
Phosphorus	31-2	-78.93	-128.04	-100.69	-102.55		ppb
Potassium	39-2	-23.39	-7.44	3.70	-9.05		ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	2.89	0.72	5.29	2.97	77.05	ppb
Selenium	78-2	-4.01	-1.20	1.22	-1.33		ppb
Selenium	82-1	0.48	1.45	0.48	0.80	69.78	ppb
Silicon	28-1	-29.79	-25.97	-21.30	-25.69		ppb
Silver	109-1	0.02	0.01	0.03	0.02	69.92	ppb
Silver	107-1	0.02	0.01	0.01	0.01	38.93	ppb
Sodium	23-2	-39.71	-39.85	-24.58	-34.71		ppb
Strontium	86-1	0.03	0.07	-0.02	0.03	156.93	ppb
Strontium	88-1	0.04	0.04	0.05	0.04	21.28	ppb
Sulfur	34-1	-2719.72	-994.63	-1955.32	-1889.89		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.12	0.08	0.09	0.10	21.62	ppb
Thallium	205-1	0.12	0.10	0.13	0.12	11.10	ppb
Tin	118-1	-0.01	-0.04	-0.04	-0.03		ppb
Titanium	47-1	0.03	-0.05	0.10	0.03	275.17	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	341.74	ppb
Vanadium	51-2	-0.01	0.03	0.04	0.02	119.50	ppb
Yttrium	89-1				103		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-06	Instrumnet Name :	P8
Client Sample ID :	FA20-FTF-RB1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:39:00	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	7.49	7.61	8.18	7.76	4.77	ppb
Zirconium	90-1	-0.01	0.01	0.02	0.01	255.43	ppb
Zirconium	91-1	0.05	0.01	0.03	0.03	63.17	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-07	Instrumnet Name :	P8
Client Sample ID :	FA20-JPZ0683	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:41:50	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	204.13	199.91	204.74	202.93	1.30	ppb
Antimony	121-1	0.34	0.34	0.29	0.32	10.00	ppb
Arsenic	75-2	5.78	6.08	5.66	5.84	3.73	ppb
Barium	135-1	91.30	90.14	94.16	91.87	2.26	ppb
Barium	137-1	91.35	90.36	92.86	91.52	1.37	ppb
Beryllium	9-1	0.33	0.22	0.30	0.28	20.55	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Boron	11-1	39.34	40.25	42.18	40.59	3.57	ppb
Boron	10-1	39.33	40.81	43.79	41.31	5.49	ppb
Bromine	81-1						cps
Cadmium	106-1	2.13	0.09	-0.60	0.54	264.26	ppb
Cadmium	108-1	0.24	0.22	0.16	0.20	21.43	ppb
Cadmium	111-1	0.24	0.10	0.05	0.13	75.08	ppb
Calcium	43-1	65708.38	66210.82	67206.01	66375.07	1.15	ppb
Calcium	44-1	65037.49	66705.16	67159.50	66300.72	1.69	ppb
Chromium	52-2	2.52	2.24	2.33	2.36	6.07	ppb
Cobalt	59-2	16.72	16.66	16.46	16.61	0.83	ppb
Copper	63-2	4.52	4.40	4.64	4.52	2.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	54-2	23227.49	22992.88	23017.21	23079.19	0.56	ppb
Iron	56-2	23476.66	23010.21	23017.32	23168.07	1.15	ppb
Iron	57-2	22600.61	22663.43	22612.28	22625.44	0.15	ppb
Krypton	83-1						cps
Lead	207-1	2.37	2.32	2.54	2.41	4.75	ppb
Lead	208-1	3.02	2.64	2.75	2.80	7.02	ppb
Lead	206-1	2.73	2.71	2.69	2.71	0.70	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-07	Instrumnet Name :	P8
Client Sample ID :	FA20-JPZ0683	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:41:50	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	5221.42	5130.17	5108.78	5153.46	1.16	ppb
Manganese	55-2	5455.36	5333.94	5303.80	5364.37	1.50	ppb
Molybdenum	94-1	4.08	4.14	4.36	4.19	3.43	ppb
Molybdenum	95-1	0.53	0.65	0.54	0.58	11.68	ppb
Molybdenum	96-1	1.23	0.93	0.97	1.05	15.51	ppb
Molybdenum	97-1	0.64	0.49	0.61	0.58	13.67	ppb
Molybdenum	98-1	0.50	0.61	0.50	0.54	11.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.11	5.41	5.29	5.27	2.87	ppb
Phosphorus	31-2	21.16	12.94	-2.52	10.53	114.20	ppb
Potassium	39-2	2142.88	2159.49	2178.97	2160.44	0.84	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				113		%
Scandium	45-2				104		%
Selenium	77-2	7.07	4.79	9.37	7.08	32.36	ppb
Selenium	78-2	-3.18	0.62	-0.36	-0.97		ppb
Selenium	82-1	1.12	1.09	-0.08	0.71	96.99	ppb
Silicon	28-1	2720.73	2687.57	2739.81	2716.04	0.97	ppb
Silver	109-1	0.05	0.05	0.08	0.06	29.65	ppb
Silver	107-1	0.08	0.04	0.06	0.06	31.23	ppb
Sodium	23-2	9032.33	8611.35	8733.32	8792.33	2.46	ppb
Strontium	86-1	430.39	439.00	425.00	431.46	1.64	ppb
Strontium	88-1	440.83	444.71	431.27	438.94	1.58	ppb
Sulfur	34-1	-2210.09	-3131.29	-1693.46	-2344.95		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.13	0.16	0.13	0.14	11.78	ppb
Thallium	205-1	0.17	0.11	0.13	0.14	22.90	ppb
Tin	118-1	0.04	0.01	0.00	0.02	146.46	ppb
Titanium	47-1	3.57	2.44	3.51	3.17	20.07	ppb
Uranium	238-1	0.39	0.38	0.38	0.38	1.91	ppb
Vanadium	51-2	2.92	2.82	2.97	2.90	2.69	ppb
Yttrium	89-1				110		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-07	Instrumnet Name :	P8
Client Sample ID :	FA20-JPZ0683	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:41:50	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	7.92	7.72	8.25	7.96	3.36	ppb
Zirconium	90-1	2.49	2.69	2.53	2.57	4.22	ppb
Zirconium	91-1	2.60	2.61	2.46	2.56	3.25	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-08	Instrumnet Name :	P8
Client Sample ID :	FA20-JPZ0686	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:44:41	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.11	8.67	8.40	9.39	15.90	ppb
Antimony	121-1	0.12	0.16	0.11	0.13	23.08	ppb
Arsenic	75-2	0.37	0.33	0.24	0.32	20.36	ppb
Barium	135-1	15.38	15.01	15.74	15.38	2.37	ppb
Barium	137-1	15.86	15.93	15.76	15.85	0.53	ppb
Beryllium	9-1	0.12	0.05	0.13	0.10	41.54	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	11-1	25.36	26.47	26.75	26.19	2.81	ppb
Boron	10-1	25.26	27.38	27.41	26.68	4.63	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.00	2.37	0.76	0.71	236.87	ppb
Cadmium	108-1	-0.24	-0.16	0.00	-0.13		ppb
Cadmium	111-1	-0.06	0.22	0.07	0.08	182.62	ppb
Calcium	43-1	69610.40	71886.26	70857.35	70784.67	1.61	ppb
Calcium	44-1	69998.33	71307.31	69907.85	70404.50	1.11	ppb
Chromium	52-2	0.34	0.25	0.36	0.32	18.22	ppb
Cobalt	59-2	0.17	0.15	0.09	0.14	27.82	ppb
Copper	63-2	1.95	1.48	1.49	1.64	16.38	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				101		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	54-2	24.68	15.41	14.27	18.12	31.52	ppb
Iron	56-2	19.78	17.32	16.32	17.81	9.99	ppb
Iron	57-2	21.92	17.43	17.81	19.05	13.06	ppb
Krypton	83-1						cps
Lead	207-1	0.14	0.19	0.07	0.13	47.70	ppb
Lead	208-1	-0.02	0.16	0.10	0.08	112.32	ppb
Lead	206-1	0.09	0.29	0.14	0.17	59.18	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-08	Instrumnet Name :	P8
Client Sample ID :	FA20-JPZ0686	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:44:41	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	3016.84	2681.82	2540.23	2746.30	8.91	ppb
Manganese	55-2	116.70	101.68	100.25	106.21	8.58	ppb
Molybdenum	94-1	0.58	0.71	0.53	0.61	15.52	ppb
Molybdenum	95-1	0.58	0.78	0.53	0.63	20.78	ppb
Molybdenum	96-1	0.56	0.70	0.55	0.60	13.74	ppb
Molybdenum	97-1	0.57	0.68	0.40	0.55	25.86	ppb
Molybdenum	98-1	0.55	0.72	0.44	0.57	24.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.65	0.32	0.36	0.44	41.23	ppb
Phosphorus	31-2	-62.91	-50.07	-62.70	-58.56		ppb
Potassium	39-2	569.69	445.01	428.21	480.97	16.07	ppb
Rhodium	103-1				107		%
Rhodium	103-2				99		%
Scandium	45-1				110		%
Scandium	45-2				97		%
Selenium	77-2	-1.49	0.76	0.70	-0.01		ppb
Selenium	78-2	2.18	-1.64	0.12	0.22	868.34	ppb
Selenium	82-1	0.36	1.43	1.56	1.11	59.17	ppb
Silicon	28-1	1031.63	1070.85	1017.64	1040.04	2.65	ppb
Silver	109-1	0.00	0.01	0.01	0.00	30.77	ppb
Silver	107-1	0.00	0.01	0.02	0.01	82.98	ppb
Sodium	23-2	960.12	811.32	783.28	851.57	11.16	ppb
Strontium	86-1	327.45	329.46	329.44	328.78	0.35	ppb
Strontium	88-1	335.91	338.84	333.37	336.04	0.81	ppb
Sulfur	34-1	-4872.64	-3909.08	-3948.15	-4243.29		ppb
Terbium	159-1				111		%
Terbium	159-2				102		%
Thallium	203-1	0.05	0.07	0.07	0.06	19.22	ppb
Thallium	205-1	0.03	0.11	0.04	0.06	68.58	ppb
Tin	118-1	-0.03	-0.04	-0.05	-0.04		ppb
Titanium	47-1	0.11	0.35	-0.02	0.15	130.59	ppb
Uranium	238-1	0.30	0.33	0.28	0.30	8.20	ppb
Vanadium	51-2	0.21	0.26	0.18	0.22	17.77	ppb
Yttrium	89-1				108		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-08	Instrumnet Name :	P8
Client Sample ID :	FA20-JPZ0686	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:44:41	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	0.47	0.53	0.27	0.42	32.02	ppb
Zirconium	90-1	0.15	0.12	0.12	0.13	16.65	ppb
Zirconium	91-1	0.19	0.15	0.14	0.16	13.72	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-09	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0685	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:47:29	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	172.40	170.41	161.52	168.11	3.45	ppb
Antimony	121-1	0.05	0.03	0.03	0.04	36.68	ppb
Arsenic	75-2	2.82	2.82	2.33	2.66	10.54	ppb
Barium	135-1	99.85	101.45	98.97	100.09	1.26	ppb
Barium	137-1	104.55	103.29	101.03	102.96	1.73	ppb
Beryllium	9-1	0.06	0.04	0.06	0.06	20.54	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	11-1	23.67	27.68	25.39	25.58	7.87	ppb
Boron	10-1	24.71	28.20	27.74	26.88	7.06	ppb
Bromine	81-1						cps
Cadmium	106-1	0.57	0.55	-1.01	0.04	2381.35	ppb
Cadmium	108-1	-0.31	-0.08	0.16	-0.08		ppb
Cadmium	111-1	0.08	0.02	-0.09	0.01	1516.06	ppb
Calcium	43-1	107883.26	109566.14	107082.15	108177.18	1.17	ppb
Calcium	44-1	107347.68	109863.81	107372.19	108194.56	1.34	ppb
Chromium	52-2	0.26	0.14	0.14	0.18	39.38	ppb
Cobalt	59-2	0.96	0.92	0.92	0.93	2.32	ppb
Copper	63-2	4.05	3.81	4.04	3.97	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				107		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	54-2	4691.01	4677.46	4554.23	4640.90	1.62	ppb
Iron	56-2	4790.62	4698.53	4651.75	4713.63	1.50	ppb
Iron	57-2	4636.56	4565.04	4491.71	4564.44	1.59	ppb
Krypton	83-1						cps
Lead	207-1	0.36	0.34	0.31	0.34	8.75	ppb
Lead	208-1	0.36	0.29	0.47	0.37	24.20	ppb
Lead	206-1	0.39	0.38	0.34	0.37	6.83	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-09	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0685	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:47:29	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	23105.60	22506.15	22330.87	22647.54	1.79	ppb
Manganese	55-2	1772.26	1777.75	1744.83	1764.95	1.00	ppb
Molybdenum	94-1	0.48	0.49	0.49	0.49	1.26	ppb
Molybdenum	95-1	0.15	0.18	0.21	0.18	16.98	ppb
Molybdenum	96-1	0.28	0.22	0.28	0.26	12.86	ppb
Molybdenum	97-1	0.17	0.20	0.20	0.19	8.30	ppb
Molybdenum	98-1	0.19	0.18	0.25	0.21	18.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.19	0.16	0.10	132.80	ppb
Phosphorus	31-2	53.49	-2.49	14.83	21.94	130.60	ppb
Potassium	39-2	441.92	404.23	406.90	417.68	5.04	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	77-2	-1.49	0.73	-1.49	-0.75		ppb
Selenium	78-2	-0.97	-0.17	-1.88	-1.01		ppb
Selenium	82-1	0.83	1.29	2.29	1.47	50.91	ppb
Silicon	28-1	4106.13	4229.46	4108.39	4147.99	1.70	ppb
Silver	109-1	0.01	0.01	0.00	0.01	75.43	ppb
Silver	107-1	0.01	-0.01	0.02	0.00	318.07	ppb
Sodium	23-2	6600.54	6506.65	6471.89	6526.36	1.02	ppb
Strontium	86-1	740.84	785.79	754.04	760.22	3.04	ppb
Strontium	88-1	751.92	789.55	771.38	770.95	2.44	ppb
Sulfur	34-1	-758.73	-656.03	-2132.15	-1182.30		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.03	0.03	0.02	44.63	ppb
Thallium	205-1	0.04	0.05	0.02	0.04	32.39	ppb
Tin	118-1	0.03	-0.01	0.02	0.01	145.63	ppb
Titanium	47-1	2.29	2.50	2.96	2.58	13.23	ppb
Uranium	238-1	0.32	0.33	0.34	0.33	3.77	ppb
Vanadium	51-2	0.13	0.17	0.17	0.15	15.06	ppb
Yttrium	89-1				105		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-09	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0685	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:47:29	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	1.92	1.62	1.35	1.63	17.45	ppb
Zirconium	90-1	0.20	0.25	0.22	0.22	13.13	ppb
Zirconium	91-1	0.18	0.22	0.25	0.22	16.86	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4814-01	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW103	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:50:19	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.49	3.47	-0.86	1.03	214.99	ppb
Antimony	121-1	0.09	0.10	0.08	0.09	13.07	ppb
Arsenic	75-2	0.87	0.85	0.94	0.89	5.35	ppb
Barium	135-1	31.78	35.27	32.54	33.20	5.53	ppb
Barium	137-1	31.77	33.87	31.79	32.48	3.72	ppb
Beryllium	9-1	0.06	0.09	0.07	0.07	23.20	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	11-1	23.33	26.02	28.36	25.91	9.71	ppb
Boron	10-1	23.59	26.42	30.20	26.74	12.42	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.80	-1.30	-1.18	-1.09		ppb
Cadmium	108-1	0.08	-0.15	-0.16	-0.08		ppb
Cadmium	111-1	-0.07	-0.07	0.00	-0.05		ppb
Calcium	43-1	84891.49	92959.52	90093.29	89314.76	4.58	ppb
Calcium	44-1	84458.13	92017.56	90699.70	89058.47	4.53	ppb
Chromium	52-2	0.11	0.13	0.08	0.10	23.23	ppb
Cobalt	59-2	1.54	1.48	1.47	1.50	2.48	ppb
Copper	63-2	0.33	0.32	0.42	0.36	15.81	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				109		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	1315.38	1331.87	1371.36	1339.54	2.15	ppb
Iron	56-2	1369.96	1359.58	1388.86	1372.80	1.08	ppb
Iron	57-2	1342.53	1393.34	1352.94	1362.94	1.97	ppb
Krypton	83-1						cps
Lead	207-1	0.08	0.06	0.13	0.09	41.26	ppb
Lead	208-1	0.24	0.16	0.10	0.17	44.75	ppb
Lead	206-1	0.12	0.15	0.11	0.13	13.37	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4814-01	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW103	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:50:19	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	8410.69	8462.70	8556.32	8476.57	0.87	ppb
Manganese	55-2	181.04	180.72	185.59	182.45	1.49	ppb
Molybdenum	94-1	0.33	0.29	0.18	0.27	28.40	ppb
Molybdenum	95-1	0.20	0.24	0.32	0.25	23.59	ppb
Molybdenum	96-1	0.26	0.36	0.26	0.30	18.47	ppb
Molybdenum	97-1	0.17	0.21	0.23	0.20	13.48	ppb
Molybdenum	98-1	0.22	0.23	0.27	0.24	10.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	0.11	0.02	0.08	67.10	ppb
Phosphorus	31-2	-42.81	-22.02	-44.37	-36.40		ppb
Potassium	39-2	1431.85	1420.60	1442.61	1431.68	0.77	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				109		%
Scandium	45-2				100		%
Selenium	77-2	2.86	-1.49	-1.49	-0.04		ppb
Selenium	78-2	-0.94	-1.24	2.29	0.04	5113.35	ppb
Selenium	82-1	0.32	-0.25	0.90	0.32	177.41	ppb
Silicon	28-1	1480.86	1612.94	1575.18	1556.32	4.37	ppb
Silver	109-1	0.01	0.00	0.01	0.00	173.98	ppb
Silver	107-1	0.00	-0.01	-0.01	0.00		ppb
Sodium	23-2	1991.85	2024.71	2049.55	2022.03	1.43	ppb
Strontium	86-1	405.81	433.98	401.32	413.70	4.28	ppb
Strontium	88-1	409.85	434.16	412.35	418.79	3.19	ppb
Sulfur	34-1	1509.18	5129.70	4629.40	3756.09	52.23	ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.02	0.04	0.03	29.39	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	27.14	ppb
Tin	118-1	0.13	0.16	0.10	0.13	22.17	ppb
Titanium	47-1	-0.09	0.02	0.25	0.06	286.99	ppb
Uranium	238-1	0.31	0.34	0.30	0.32	6.03	ppb
Vanadium	51-2	1.23	1.18	1.24	1.22	2.62	ppb
Yttrium	89-1				106		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4814-01	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW103	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:50:19	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	0.94	1.05	0.92	0.97	7.55	ppb
Zirconium	90-1	0.04	0.08	0.07	0.06	33.72	ppb
Zirconium	91-1	0.04	0.09	0.04	0.06	47.98	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:55:06	DataFile Name :	059CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48526.66	49655.65	49704.02	49295.45	1.35	ppb
Antimony	121-1	484.22	496.22	524.80	501.75	4.15	ppb
Arsenic	75-2	481.72	492.17	495.57	489.82	1.47	ppb
Barium	135-1	2428.45	2500.86	2613.79	2514.37	3.71	ppb
Barium	137-1	2476.21	2550.31	2670.89	2565.80	3.83	ppb
Beryllium	9-1	510.74	512.94	538.16	520.61	2.93	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	11-1	441.48	496.70	546.68	494.95	10.63	ppb
Boron	10-1	446.92	492.66	558.74	499.44	11.26	ppb
Bromine	81-1						cps
Cadmium	106-1	476.04	501.05	517.18	498.09	4.16	ppb
Cadmium	108-1	481.25	483.80	532.79	499.28	5.82	ppb
Cadmium	111-1	471.46	489.87	508.99	490.11	3.83	ppb
Calcium	43-1	248976.43	251252.31	268268.29	256165.67	4.12	ppb
Calcium	44-1	247907.67	247953.24	266392.68	254084.53	4.20	ppb
Chromium	52-2	500.83	509.76	516.31	508.97	1.53	ppb
Cobalt	59-2	490.26	495.07	505.59	496.97	1.58	ppb
Copper	63-2	5300.25	5339.25	5356.99	5332.16	0.54	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				102		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	54-2	135356.89	137484.69	138294.44	137045.34	1.11	ppb
Iron	56-2	135193.43	135082.54	137519.54	135931.84	1.01	ppb
Iron	57-2	135397.02	136696.90	137499.21	136531.04	0.78	ppb
Krypton	83-1						cps
Lead	207-1	2564.66	2531.63	2797.64	2631.31	5.51	ppb
Lead	208-1	2426.97	2461.75	2605.54	2498.09	3.79	ppb
Lead	206-1	2530.23	2520.34	2829.34	2626.64	6.69	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:55:06	DataFile Name :	059CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	253577.77	258297.27	259945.17	257273.40	1.28	ppb
Manganese	55-2	5139.28	5099.83	5174.04	5137.72	0.72	ppb
Molybdenum	94-1	2531.81	2550.18	2721.04	2601.01	4.01	ppb
Molybdenum	95-1	2521.15	2551.62	2710.06	2594.28	3.91	ppb
Molybdenum	96-1	2546.18	2565.25	2726.98	2612.80	3.80	ppb
Molybdenum	97-1	2581.00	2588.06	2708.20	2625.75	2.72	ppb
Molybdenum	98-1	2580.40	2557.81	2673.37	2603.86	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.73	499.11	506.09	499.64	1.24	ppb
Phosphorus	31-2	9205.69	9597.62	10794.66	9865.99	8.39	ppb
Potassium	39-2	126484.49	128422.58	131122.03	128676.37	1.81	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	482.93	466.69	474.82	474.81	1.71	ppb
Selenium	78-2	473.96	495.97	471.83	480.59	2.78	ppb
Selenium	82-1	486.24	490.93	522.36	499.84	3.93	ppb
Silicon	28-1	346.91	385.05	480.04	404.00	16.97	ppb
Silver	109-1	482.52	492.96	511.45	495.64	2.96	ppb
Silver	107-1	481.51	502.81	526.45	503.59	4.46	ppb
Sodium	23-2	246844.06	258125.43	255593.09	253520.86	2.33	ppb
Strontium	86-1	497.53	499.15	533.67	510.12	4.00	ppb
Strontium	88-1	496.52	499.83	531.74	509.36	3.82	ppb
Sulfur	34-1	9893.65	9134.22	14027.87	11018.58	23.90	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	493.56	497.28	544.49	511.78	5.55	ppb
Thallium	205-1	505.13	507.63	552.37	521.71	5.09	ppb
Tin	118-1	479.07	495.38	517.42	497.29	3.87	ppb
Titanium	47-1	2418.15	2461.63	2686.75	2522.18	5.72	ppb
Uranium	238-1	509.65	517.73	554.19	527.19	4.50	ppb
Vanadium	51-2	497.08	504.98	510.66	504.24	1.35	ppb
Yttrium	89-1				99		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:55:06	DataFile Name :	059CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	5168.37	5229.02	5314.54	5237.31	1.40	ppb
Zirconium	90-1	495.48	509.77	549.46	518.23	5.40	ppb
Zirconium	91-1	491.00	504.98	538.97	511.65	4.82	ppb

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : CCB33 Instrumnet Name : P8
 Client Sample ID : CCB33 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 18:04:39 DataFile Name : 060CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.70	0.70	1.04	0.81	24.24	ppb
Antimony	121-1	0.02	0.02	0.05	0.03	54.65	ppb
Arsenic	75-2	-0.04	0.03	0.00	0.00		ppb
Barium	135-1	0.02	0.02	0.02	0.02	0.83	ppb
Barium	137-1	0.05	0.00	0.05	0.04	79.00	ppb
Beryllium	9-1	0.04	0.09	0.08	0.07	35.95	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	11-1	12.77	12.44	13.10	12.77	2.60	ppb
Boron	10-1	13.48	12.54	13.11	13.04	3.63	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.40	1.13	-1.51	-0.59		ppb
Cadmium	108-1	-0.23	-0.14	-0.23	-0.20		ppb
Cadmium	111-1	-0.07	0.09	-0.09	-0.02		ppb
Calcium	43-1	-3.86	-2.23	-5.30	-3.80		ppb
Calcium	44-1	-17.85	-15.08	-15.91	-16.28		ppb
Chromium	52-2	0.08	0.03	0.06	0.06	50.28	ppb
Cobalt	59-2	0.04	0.00	0.01	0.02	131.45	ppb
Copper	63-2	0.11	0.10	0.09	0.10	13.40	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				98		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	54-2	0.94	0.02	0.58	0.51	90.74	ppb
Iron	56-2	0.96	1.31	1.14	1.13	15.44	ppb
Iron	57-2	-0.68	2.32	0.41	0.68	222.01	ppb
Krypton	83-1						cps
Lead	207-1	0.06	0.07	0.08	0.07	12.96	ppb
Lead	208-1	0.18	0.12	0.10	0.13	29.88	ppb
Lead	206-1	0.14	0.11	0.13	0.13	13.11	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 18:04:39	DataFile Name :	060CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	3.24	-0.32	0.96	1.29	139.56	ppb
Manganese	55-2	0.12	0.26	0.04	0.14	76.13	ppb
Molybdenum	94-1	0.07	0.05	0.06	0.06	11.96	ppb
Molybdenum	95-1	0.06	0.02	-0.01	0.02	145.41	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.02	44.19	ppb
Molybdenum	97-1	0.04	0.00	0.05	0.03	86.49	ppb
Molybdenum	98-1	0.05	0.01	0.02	0.03	81.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.23	-0.21	-0.19		ppb
Phosphorus	31-2	-66.71	-105.38	-35.52	-69.20		ppb
Potassium	39-2	22.09	35.46	28.46	28.67	23.33	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				93		%
Selenium	77-2	-1.49	0.97	5.49	1.66	213.65	ppb
Selenium	78-2	-2.12	-0.47	1.74	-0.29		ppb
Selenium	82-1	0.21	0.26	0.05	0.17	62.14	ppb
Silicon	28-1	-14.76	-3.02	-6.74	-8.17		ppb
Silver	109-1	0.01	0.01	0.04	0.02	89.76	ppb
Silver	107-1	0.01	0.01	0.04	0.02	86.13	ppb
Sodium	23-2	-7.73	-5.93	-23.92	-12.53		ppb
Strontium	86-1	0.05	-0.09	0.08	0.01	811.13	ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	-1694.00	49.41	-1126.40	-923.66		ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	0.08	0.13	0.12	0.11	21.43	ppb
Thallium	205-1	0.08	0.08	0.11	0.09	21.13	ppb
Tin	118-1	-0.02	0.01	-0.03	-0.02		ppb
Titanium	47-1	-0.05	0.01	0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	-0.01	-0.01		ppb
Yttrium	89-1				95		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 18:04:39	DataFile Name :	060CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				94		%
Zinc	66-2	-0.02	-0.18	-0.22	-0.14		ppb
Zirconium	90-1	0.00	-0.01	-0.02	-0.01		ppb
Zirconium	91-1	0.04	-0.02	0.00	0.01	361.45	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4814-02	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW101	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 18:07:30	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.16	2.43	1.25	1.62	43.89	ppb
Antimony	121-1	0.04	0.06	0.05	0.05	13.26	ppb
Arsenic	75-2	0.02	0.03	0.01	0.02	66.57	ppb
Barium	135-1	28.98	30.00	30.19	29.72	2.19	ppb
Barium	137-1	28.49	29.14	29.28	28.97	1.46	ppb
Beryllium	9-1	0.04	0.04	0.09	0.06	52.37	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	11-1	15.04	15.91	16.70	15.88	5.21	ppb
Boron	10-1	15.16	14.50	17.91	15.86	11.39	ppb
Bromine	81-1						cps
Cadmium	106-1	1.03	-0.47	0.20	0.26	294.62	ppb
Cadmium	108-1	0.01	-0.31	-0.31	-0.21		ppb
Cadmium	111-1	0.07	0.00	0.04	0.04	106.40	ppb
Calcium	43-1	82219.65	84462.84	85939.37	84207.29	2.22	ppb
Calcium	44-1	82756.05	86073.85	85179.23	84669.71	2.03	ppb
Chromium	52-2	0.13	0.30	0.30	0.24	39.70	ppb
Cobalt	59-2	0.03	0.02	0.02	0.02	23.13	ppb
Copper	63-2	0.23	0.25	0.42	0.30	34.63	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				107		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	6.36	6.03	2.60	5.00	41.69	ppb
Iron	56-2	3.28	3.44	4.16	3.63	12.92	ppb
Iron	57-2	9.44	6.97	9.29	8.57	16.14	ppb
Krypton	83-1						cps
Lead	207-1	0.10	0.12	0.08	0.10	20.79	ppb
Lead	208-1	0.25	0.13	0.28	0.22	37.22	ppb
Lead	206-1	0.14	0.14	0.12	0.13	9.28	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4814-02	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW101	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 18:07:30	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	6458.15	6652.47	6788.69	6633.11	2.50	ppb
Manganese	55-2	0.20	0.11	0.09	0.13	41.62	ppb
Molybdenum	94-1	0.05	0.09	0.15	0.10	50.26	ppb
Molybdenum	95-1	0.03	0.04	0.04	0.04	26.46	ppb
Molybdenum	96-1	0.06	0.04	0.05	0.05	21.61	ppb
Molybdenum	97-1	0.02	0.01	0.07	0.03	99.72	ppb
Molybdenum	98-1	0.01	0.03	0.05	0.03	68.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.14	-0.10	-0.11		ppb
Phosphorus	31-2	-99.07	-77.21	-92.97	-89.75		ppb
Potassium	39-2	601.66	669.03	709.91	660.20	8.28	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				100		%
Selenium	77-2	0.66	-1.49	-1.49	-0.77		ppb
Selenium	78-2	1.11	-2.20	3.36	0.76	370.15	ppb
Selenium	82-1	0.12	0.57	1.23	0.64	87.31	ppb
Silicon	28-1	1809.95	1915.65	1889.56	1871.72	2.94	ppb
Silver	109-1	0.01	0.00	0.01	0.01	110.76	ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Sodium	23-2	3084.91	3190.84	3322.39	3199.38	3.72	ppb
Strontium	86-1	400.89	411.37	416.72	409.66	1.97	ppb
Strontium	88-1	414.46	409.74	419.14	414.45	1.13	ppb
Sulfur	34-1	-2804.23	-2145.67	-1865.22	-2271.71		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.07	0.04	0.02	0.04	55.64	ppb
Thallium	205-1	0.08	0.06	0.06	0.07	16.38	ppb
Tin	118-1	0.16	0.18	0.20	0.18	12.10	ppb
Titanium	47-1	0.03	0.17	-0.07	0.04	272.52	ppb
Uranium	238-1	0.26	0.24	0.23	0.24	6.36	ppb
Vanadium	51-2	0.02	0.03	0.03	0.03	19.96	ppb
Yttrium	89-1				105		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4814-02	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW101	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 18:07:30	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	0.61	0.62	0.80	0.68	16.04	ppb
Zirconium	90-1	0.02	0.02	0.04	0.03	52.47	ppb
Zirconium	91-1	0.06	0.02	0.07	0.05	47.47	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4814-03	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW115	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 18:10:21	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.08	7.62	14.51	9.74	42.56	ppb
Antimony	121-1	0.17	0.13	0.13	0.15	16.52	ppb
Arsenic	75-2	2.29	1.87	2.13	2.09	10.08	ppb
Barium	135-1	33.27	30.98	31.32	31.86	3.89	ppb
Barium	137-1	33.26	31.46	31.86	32.20	2.93	ppb
Beryllium	9-1	0.04	0.07	0.07	0.06	24.45	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	11-1	21.93	23.16	23.59	22.89	3.76	ppb
Boron	10-1	22.65	21.69	23.91	22.75	4.90	ppb
Bromine	81-1						cps
Cadmium	106-1	0.80	-4.78	2.95	-0.34		ppb
Cadmium	108-1	-0.14	-0.24	-0.31	-0.23		ppb
Cadmium	111-1	0.06	-0.30	0.25	0.00	9409.53	ppb
Calcium	43-1	113537.98	104495.21	107046.10	108359.76	4.30	ppb
Calcium	44-1	113806.32	105293.09	109108.92	109402.78	3.90	ppb
Chromium	52-2	0.11	0.14	0.33	0.20	60.67	ppb
Cobalt	59-2	0.96	1.04	1.01	1.00	3.71	ppb
Copper	63-2	0.22	0.11	0.27	0.20	40.67	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				105		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	54-2	5160.78	5245.19	5449.76	5285.24	2.81	ppb
Iron	56-2	5272.06	5209.41	5607.03	5362.83	3.99	ppb
Iron	57-2	5137.62	4995.93	5489.64	5207.73	4.88	ppb
Krypton	83-1						cps
Lead	207-1	0.24	0.07	0.12	0.15	59.76	ppb
Lead	208-1	0.00	0.16	0.17	0.11	85.01	ppb
Lead	206-1	0.14	0.14	0.11	0.13	12.50	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4814-03	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW115	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 18:10:21	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	9596.08	9719.86	10313.83	9876.59	3.88	ppb
Manganese	55-2	204.99	209.05	222.58	212.20	4.34	ppb
Molybdenum	94-1	0.41	0.31	0.33	0.35	14.72	ppb
Molybdenum	95-1	0.37	0.32	0.41	0.36	11.93	ppb
Molybdenum	96-1	0.39	0.28	0.29	0.32	19.97	ppb
Molybdenum	97-1	0.34	0.31	0.38	0.34	10.72	ppb
Molybdenum	98-1	0.30	0.30	0.32	0.31	3.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.23	1.15	1.39	1.26	9.84	ppb
Phosphorus	31-2	10.89	-34.94	-40.80	-21.62		ppb
Potassium	39-2	1450.20	1490.31	1627.54	1522.69	6.11	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				100		%
Selenium	77-2	0.70	-1.49	-1.49	-0.76		ppb
Selenium	78-2	0.90	0.59	2.75	1.41	82.33	ppb
Selenium	82-1	0.12	2.57	2.06	1.58	81.62	ppb
Silicon	28-1	1919.90	1719.34	1807.19	1815.48	5.54	ppb
Silver	109-1	0.00	0.01	0.01	0.01	129.78	ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Sodium	23-2	2168.92	2162.02	2331.14	2220.70	4.31	ppb
Strontium	86-1	518.51	464.64	488.89	490.68	5.50	ppb
Strontium	88-1	524.67	475.55	496.38	498.87	4.94	ppb
Sulfur	34-1	15878.75	9888.97	12390.00	12719.24	23.65	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.03	0.04	0.03	11.37	ppb
Thallium	205-1	0.04	0.02	0.02	0.03	36.75	ppb
Tin	118-1	-0.02	-0.01	0.02	0.00		ppb
Titanium	47-1	0.19	0.16	0.39	0.25	50.58	ppb
Uranium	238-1	0.63	0.54	0.53	0.57	9.96	ppb
Vanadium	51-2	0.14	0.11	0.13	0.13	14.08	ppb
Yttrium	89-1				105		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4814-03	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW115	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 18:10:21	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	17.13	18.55	17.47	17.72	4.19	ppb
Zirconium	90-1	0.07	0.06	0.06	0.06	11.50	ppb
Zirconium	91-1	0.01	0.01	0.06	0.03	110.83	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4814-04	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW105	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 18:13:10	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.18	2.30	1.69	1.72	32.46	ppb
Antimony	121-1	0.06	0.05	0.06	0.06	13.77	ppb
Arsenic	75-2	0.90	0.92	0.97	0.93	4.25	ppb
Barium	135-1	41.71	40.27	47.63	43.21	9.03	ppb
Barium	137-1	42.27	41.56	47.93	43.92	7.95	ppb
Beryllium	9-1	0.05	0.09	0.10	0.08	31.09	ppb
Bismuth	209-1				103		%
Bismuth	209-2				107		%
Boron	11-1	23.16	25.86	29.62	26.21	12.39	ppb
Boron	10-1	24.14	26.96	31.18	27.43	12.92	ppb
Bromine	81-1						cps
Cadmium	106-1	2.55	-1.05	1.21	0.90	201.23	ppb
Cadmium	108-1	-0.08	-0.24	-0.14	-0.15		ppb
Cadmium	111-1	0.19	-0.07	0.09	0.07	190.48	ppb
Calcium	43-1	126508.41	129187.21	149795.40	135163.67	9.43	ppb
Calcium	44-1	126712.70	126444.63	148542.62	133899.98	9.47	ppb
Chromium	52-2	0.18	0.08	0.25	0.17	47.85	ppb
Cobalt	59-2	0.37	0.32	0.33	0.34	7.76	ppb
Copper	63-2	0.07	0.07	0.08	0.07	3.06	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				105		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	54-2	10209.71	10196.95	10452.52	10286.39	1.40	ppb
Iron	56-2	10236.87	10207.17	10517.22	10320.42	1.66	ppb
Iron	57-2	10034.43	10117.84	10371.04	10174.44	1.72	ppb
Krypton	83-1						cps
Lead	207-1	0.08	0.10	0.16	0.11	38.87	ppb
Lead	208-1	0.14	0.13	0.07	0.12	33.16	ppb
Lead	206-1	0.07	0.09	0.15	0.10	39.85	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4814-04	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW105	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 18:13:10	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	9045.78	9108.51	9193.75	9116.01	0.81	ppb
Manganese	55-2	445.99	452.52	457.90	452.14	1.32	ppb
Molybdenum	94-1	0.30	0.27	0.49	0.35	33.74	ppb
Molybdenum	95-1	0.06	0.07	0.10	0.08	29.92	ppb
Molybdenum	96-1	0.07	0.13	0.14	0.11	34.54	ppb
Molybdenum	97-1	0.14	0.06	0.11	0.11	35.79	ppb
Molybdenum	98-1	0.08	0.08	0.06	0.07	20.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.17	0.18	0.43	0.26	57.26	ppb
Phosphorus	31-2	-18.63	-57.02	-23.37	-33.01		ppb
Potassium	39-2	1517.40	1651.60	1655.37	1608.12	4.89	ppb
Rhodium	103-1				102		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	-1.49	4.89	2.88	2.09	155.77	ppb
Selenium	78-2	-3.68	-1.32	2.42	-0.86		ppb
Selenium	82-1	0.94	0.43	0.16	0.51	78.21	ppb
Silicon	28-1	2107.06	2150.32	2505.39	2254.26	9.70	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	-0.01	-0.01	0.00	-0.01		ppb
Sodium	23-2	2067.22	2142.95	2159.20	2123.12	2.31	ppb
Strontium	86-1	575.59	591.96	658.31	608.62	7.20	ppb
Strontium	88-1	571.61	589.01	663.97	608.20	8.07	ppb
Sulfur	34-1	6421.05	6914.69	15424.05	9586.60	52.80	ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	0.02	-0.01	0.00	0.00	394.81	ppb
Thallium	205-1	0.03	0.03	0.02	0.02	18.11	ppb
Tin	118-1	-0.04	-0.01	-0.04	-0.03		ppb
Titanium	47-1	-0.09	-0.09	0.13	-0.02		ppb
Uranium	238-1	0.42	0.37	0.40	0.40	7.23	ppb
Vanadium	51-2	0.16	0.16	0.13	0.15	12.91	ppb
Yttrium	89-1				103		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4814-04	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW105	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 18:13:10	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	0.66	0.90	0.81	0.79	14.84	ppb
Zirconium	90-1	0.14	0.16	0.18	0.16	12.41	ppb
Zirconium	91-1	0.10	0.12	0.13	0.12	12.60	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 18:17:16	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48925.30	48335.26	48214.57	48491.71	0.78	ppb
Antimony	121-1	496.48	475.18	485.44	485.70	2.19	ppb
Arsenic	75-2	483.48	473.67	484.54	480.56	1.25	ppb
Barium	135-1	2481.31	2401.40	2427.64	2436.78	1.67	ppb
Barium	137-1	2509.47	2459.61	2407.84	2458.97	2.07	ppb
Beryllium	9-1	518.33	513.96	488.47	506.92	3.18	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	11-1	449.26	497.23	506.84	484.44	6.37	ppb
Boron	10-1	461.58	489.37	511.49	487.48	5.13	ppb
Bromine	81-1						cps
Cadmium	106-1	503.50	477.48	481.78	487.59	2.86	ppb
Cadmium	108-1	475.72	459.65	474.50	469.95	1.90	ppb
Cadmium	111-1	481.75	469.79	472.46	474.66	1.32	ppb
Calcium	43-1	251435.95	254086.67	239656.09	248392.90	3.09	ppb
Calcium	44-1	247608.47	249391.97	237061.17	244687.20	2.72	ppb
Chromium	52-2	504.43	496.31	497.66	499.47	0.87	ppb
Cobalt	59-2	490.89	486.41	484.89	487.40	0.64	ppb
Copper	63-2	5352.59	5174.19	5250.37	5259.05	1.70	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				105		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	54-2	135224.91	132493.65	134906.55	134208.37	1.11	ppb
Iron	56-2	134712.91	133763.73	134146.94	134207.86	0.36	ppb
Iron	57-2	135744.24	133296.20	133590.60	134210.35	1.00	ppb
Krypton	83-1						cps
Lead	207-1	2541.57	2529.96	2426.41	2499.31	2.54	ppb
Lead	208-1	2493.95	2469.47	2291.54	2418.32	4.57	ppb
Lead	206-1	2575.33	2546.38	2442.55	2521.42	2.77	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 18:17:16	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	250476.23	252889.13	254001.50	252455.62	0.71	ppb
Manganese	55-2	5089.53	4901.99	5123.67	5038.40	2.37	ppb
Molybdenum	94-1	2531.81	2467.39	2385.78	2461.66	2.97	ppb
Molybdenum	95-1	2537.28	2444.71	2419.82	2467.27	2.51	ppb
Molybdenum	96-1	2526.29	2476.07	2378.41	2460.26	3.06	ppb
Molybdenum	97-1	2501.47	2477.53	2366.28	2448.42	2.95	ppb
Molybdenum	98-1	2485.52	2454.64	2349.35	2429.84	2.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.63	484.65	493.58	491.95	1.35	ppb
Phosphorus	31-2	10387.16	9671.45	9227.10	9761.90	6.00	ppb
Potassium	39-2	127734.68	126433.37	125229.56	126465.87	0.99	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	498.02	440.21	482.00	473.41	6.30	ppb
Selenium	78-2	475.13	477.10	469.87	474.03	0.79	ppb
Selenium	82-1	483.13	482.85	465.04	477.00	2.17	ppb
Silicon	28-1	330.01	379.33	381.12	363.49	7.98	ppb
Silver	109-1	489.95	468.32	475.09	477.79	2.32	ppb
Silver	107-1	493.05	477.68	481.08	483.94	1.67	ppb
Sodium	23-2	250248.32	250278.78	251958.45	250828.52	0.39	ppb
Strontium	86-1	493.22	485.32	469.13	482.56	2.54	ppb
Strontium	88-1	503.14	500.92	476.73	493.60	2.97	ppb
Sulfur	34-1	8826.99	9012.84	6552.52	8130.78	16.85	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	507.05	492.80	493.29	497.71	1.62	ppb
Thallium	205-1	512.11	501.24	488.81	500.72	2.33	ppb
Tin	118-1	490.76	468.70	473.60	477.69	2.42	ppb
Titanium	47-1	2424.74	2481.88	2344.10	2416.91	2.86	ppb
Uranium	238-1	515.09	512.82	491.26	506.39	2.60	ppb
Vanadium	51-2	501.83	497.55	497.79	499.06	0.48	ppb
Yttrium	89-1				103		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 18:17:16	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	5182.03	5092.05	5134.11	5136.06	0.88	ppb
Zirconium	90-1	509.30	501.04	481.02	497.12	2.93	ppb
Zirconium	91-1	490.34	490.98	470.36	483.90	2.42	ppb

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : CCB34 Instrumnet Name : P8
 Client Sample ID : CCB34 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 18:22:43 DataFile Name : 065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.49	1.97	0.61	1.69	57.53	ppb
Antimony	121-1	0.08	0.05	0.09	0.07	30.82	ppb
Arsenic	75-2	0.05	-0.03	0.00	0.00	859.08	ppb
Barium	135-1	0.12	0.02	0.02	0.05	109.04	ppb
Barium	137-1	0.04	0.08	0.00	0.04	89.66	ppb
Beryllium	9-1	0.15	0.12	0.11	0.12	15.63	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	11-1	21.03	20.16	19.87	20.35	2.97	ppb
Boron	10-1	23.75	20.14	21.81	21.90	8.24	ppb
Bromine	81-1						cps
Cadmium	106-1	0.08	0.40	0.27	0.25	66.26	ppb
Cadmium	108-1	-0.14	0.03	-0.31	-0.14		ppb
Cadmium	111-1	0.01	0.01	0.03	0.02	64.92	ppb
Calcium	43-1	-0.66	-0.48	-2.37	-1.17		ppb
Calcium	44-1	-12.52	-18.07	-16.70	-15.77		ppb
Chromium	52-2	-0.08	0.00	0.00	-0.03		ppb
Cobalt	59-2	-0.01	0.00	0.02	0.00	740.29	ppb
Copper	63-2	0.32	0.28	0.35	0.31	11.77	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				97		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	54-2	2.84	1.62	2.14	2.20	27.83	ppb
Iron	56-2	1.46	1.65	1.80	1.64	10.42	ppb
Iron	57-2	-2.69	-0.92	-1.63	-1.75		ppb
Krypton	83-1						cps
Lead	207-1	0.12	0.08	0.14	0.11	26.21	ppb
Lead	208-1	0.17	0.34	0.24	0.25	35.40	ppb
Lead	206-1	0.13	0.14	0.12	0.13	10.30	ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 18:22:43	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	3.10	2.79	3.75	3.21	15.20	ppb
Manganese	55-2	0.17	0.16	0.11	0.15	20.03	ppb
Molybdenum	94-1	0.15	0.03	0.03	0.07	99.32	ppb
Molybdenum	95-1	0.05	0.05	0.00	0.04	76.50	ppb
Molybdenum	96-1	0.06	0.03	0.05	0.04	34.33	ppb
Molybdenum	97-1	0.08	0.04	0.07	0.06	32.91	ppb
Molybdenum	98-1	0.07	0.10	0.05	0.07	39.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.23	-0.29	-0.35	-0.29		ppb
Phosphorus	31-2	-100.14	-162.37	-56.39	-106.30		ppb
Potassium	39-2	41.79	29.63	2.35	24.59	82.14	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				94		%
Selenium	77-2	0.95	3.14	0.84	1.64	78.96	ppb
Selenium	78-2	-0.31	1.48	4.67	1.95	129.52	ppb
Selenium	82-1	-0.60	0.97	1.67	0.68	170.77	ppb
Silicon	28-1	-19.25	-21.07	-16.15	-18.82		ppb
Silver	109-1	0.00	0.03	0.04	0.03	71.75	ppb
Silver	107-1	0.00	0.01	0.03	0.01	118.33	ppb
Sodium	23-2	3.24	-7.18	5.75	0.60	1137.31	ppb
Strontium	86-1	-0.03	-0.09	0.07	-0.02		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	166.36	ppb
Sulfur	34-1	-1892.75	-3042.50	-2158.22	-2364.49		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.18	0.13	0.12	0.15	20.99	ppb
Thallium	205-1	0.20	0.14	0.15	0.16	20.39	ppb
Tin	118-1	0.00	-0.02	0.01	0.00		ppb
Titanium	47-1	0.06	-0.11	-0.03	-0.03		ppb
Uranium	238-1	0.01	0.00	0.01	0.01	87.89	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	97.89	ppb
Yttrium	89-1				98		%

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 18:22:43	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	-0.32	-0.45	-0.15	-0.31		ppb
Zirconium	90-1	0.00	0.04	0.01	0.02	116.79	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00		ppb

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:12:06	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	374	432	382	396	8.00	cps
Antimony	121-1	17	17	33	22	43.28	cps
Arsenic	75-2	9	4	8	7	36.75	cps
Barium	135-1	17	8	42	22	78.07	cps
Barium	137-1	8	8	25	14	69.31	cps
Beryllium	9-1	73	111	107	97	21.58	cps
Bismuth	209-1	2057538	2095654	2151461	2101551	2.25	cps
Bismuth	209-2	1146257	1168030	1153958	1156082	0.96	cps
Boron	11-1	664	648	634	649	2.31	cps
Boron	10-1	120	142	142	135	9.43	cps
Bromine	81-1	2873	2863	2603	2780	5.51	cps
Cadmium	106-1	1217	1083	1133	1145	5.89	cps
Cadmium	108-1	13	13	21	15	31.48	cps
Cadmium	111-1	860	758	795	804	6.39	cps
Calcium	43-1	292	265	266	275	5.66	cps
Calcium	44-1	18502	18097	18039	18213	1.39	cps
Chromium	52-2	603	647	607	619	3.90	cps
Cobalt	59-2	53	57	67	59	11.79	cps
Copper	63-2	985	872	805	887	10.28	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	17	0	11	86.60	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	8	33	33	25	57.74	cps
Gadolinium	160-2	3	13	13	10	57.75	cps
Holmium	165-1	3634948	3586249	3699909	3640369	1.57	cps
Holmium	165-2	1689762	1755302	1680223	1708429	2.39	cps
Indium	115-1	3554306	3649095	3740514	3647972	2.55	cps
Indium	115-2	562247	573979	561974	566067	1.21	cps
Iron	54-2	450	339	361	383	15.34	cps
Iron	56-2	2661	2522	2645	2610	2.91	cps
Iron	57-2	100	133	139	124	16.95	cps
Krypton	83-1	460	417	383	420	9.15	cps
Lead	207-1	217	289	194	233	21.16	cps
Lead	208-1	161	41	238	147	67.64	cps
Lead	206-1	261	233	222	239	8.39	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:12:06	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1124095	1126473	1155603	1135391	1.55	cps
Magnesium	24-2	525	633	625	594	10.14	cps
Manganese	55-2	107	137	77	107	28.12	cps
Molybdenum	94-1	108	92	42	81	43.07	cps
Molybdenum	95-1	17	17	25	19	24.73	cps
Molybdenum	96-1	75	50	33	53	39.74	cps
Molybdenum	97-1	8	8	8	8	0.00	cps
Molybdenum	98-1	25	8	25	19	49.50	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	313	407	350	357	13.18	cps
Phosphorus	31-2	200	292	408	300	34.81	cps
Potassium	39-2	26425	26433	26675	26511	0.54	cps
Rhodium	103-1	3488605	3510154	3536013	3511591	0.68	cps
Rhodium	103-2	1611412	1629179	1589201	1609931	1.24	cps
Scandium	45-1	2356911	2361548	2457888	2392116	2.38	cps
Scandium	45-2	94414	96431	93877	94907	1.42	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	45	55	41	47	15.35	cps
Selenium	82-1	-54	-46	20	-27	-153.61	cps
Silicon	28-1	903310	917023	908641	909658	0.76	cps
Silver	109-1	25	17	67	36	74.18	cps
Silver	107-1	42	117	67	75	50.92	cps
Sodium	23-2	39379	40289	39897	39855	1.15	cps
Strontium	86-1	717	500	675	631	18.23	cps
Strontium	88-1	175	142	192	169	15.02	cps
Sulfur	34-1	547580	539132	546206	544306	0.83	cps
Terbium	159-1	3794802	3765114	4044398	3868105	3.97	cps
Terbium	159-2	1664157	1719669	1680939	1688255	1.69	cps
Thallium	203-1	50	50	58	53	9.12	cps
Thallium	205-1	108	92	108	103	9.36	cps
Tin	118-1	225	225	200	217	6.66	cps
Titanium	47-1	367	267	375	336	17.94	cps
Uranium	238-1	8	17	0	8	100.02	cps
Vanadium	51-2	13	10	10	11	17.30	cps
Yttrium	89-1	5459276	5462475	5687372	5536374	2.36	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:12:06	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	618957	626726	609708	618463	1.38	cps
Zinc	66-2	147	60	123	110	40.77	cps
Zirconium	90-1	225	217	208	217	3.85	cps
Zirconium	91-1	58	67	58	61	7.87	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:15:18	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	749	705	681	712	4.81	cps
Antimony	121-1	5001	5376	5276	5218	3.72	cps
Arsenic	75-2	103	101	88	97	8.31	cps
Barium	135-1	4759	5326	5034	5040	5.63	cps
Barium	137-1	9345	9020	9078	9148	1.90	cps
Beryllium	9-1	620	641	650	637	2.37	cps
Bismuth	209-1	2125453	2158192	2013564	2099070	3.61	cps
Bismuth	209-2	1182379	1141175	1133422	1152325	2.28	cps
Boron	11-1	4842	5732	5912	5495	10.43	cps
Boron	10-1	1046	1130	1188	1121	6.37	cps
Bromine	81-1	2793	2963	2823	2860	3.18	cps
Cadmium	106-1	1225	1225	1333	1261	4.96	cps
Cadmium	108-1	71	79	63	71	11.77	cps
Cadmium	111-1	1604	1552	1586	1581	1.66	cps
Calcium	43-1	3397	3568	3483	3482	2.44	cps
Calcium	44-1	70979	71347	71195	71173	0.26	cps
Chromium	52-2	1950	2204	2030	2061	6.28	cps
Cobalt	59-2	1317	1410	1433	1387	4.45	cps
Copper	63-2	3081	3075	2967	3041	2.10	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	50	58	8	39	68.89	cps
Gadolinium	160-2	7	17	3	9	78.08	cps
Holmium	165-1	3663257	3701885	3458814	3607985	3.62	cps
Holmium	165-2	1723809	1658826	1684606	1689080	1.94	cps
Indium	115-1	3735850	3698373	3476964	3637062	3.85	cps
Indium	115-2	582676	557380	552358	564138	2.88	cps
Iron	54-2	1878	1984	1878	1913	3.19	cps
Iron	56-2	29842	30193	30566	30201	1.20	cps
Iron	57-2	789	917	817	841	7.99	cps
Krypton	83-1	407	387	360	384	6.09	cps
Lead	207-1	1289	1300	1383	1324	3.90	cps
Lead	208-1	915	1303	917	1045	21.38	cps
Lead	206-1	1500	1383	1383	1422	4.74	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:15:18	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1160823	1149688	1105050	1138520	2.59	cps
Magnesium	24-2	26191	26040	26642	26291	1.19	cps
Manganese	55-2	450	433	490	458	6.36	cps
Molybdenum	94-1	5134	5093	4693	4973	4.90	cps
Molybdenum	95-1	6185	6252	6368	6268	1.48	cps
Molybdenum	96-1	6660	6810	6210	6560	4.76	cps
Molybdenum	97-1	3492	3617	3726	3612	3.23	cps
Molybdenum	98-1	9779	9128	9462	9456	3.44	cps
Neodymium	150-1	27	0	13	13	100.01	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	743	693	637	691	7.72	cps
Phosphorus	31-2	225	258	283	256	11.45	cps
Potassium	39-2	45330	45974	47613	46305	2.54	cps
Rhodium	103-1	3544549	3591691	3408300	3514847	2.71	cps
Rhodium	103-2	1666530	1597336	1602029	1621965	2.38	cps
Scandium	45-1	2463211	2442168	2366321	2423900	2.10	cps
Scandium	45-2	95803	94924	93646	94791	1.14	cps
Selenium	77-2	20	13	3	12	68.66	cps
Selenium	78-2	74	69	87	77	12.12	cps
Selenium	82-1	239	244	263	249	5.17	cps
Silicon	28-1	902605	922318	909687	911537	1.10	cps
Silver	109-1	2642	2625	2792	2686	3.42	cps
Silver	107-1	2809	2834	2859	2834	0.88	cps
Sodium	23-2	86681	88954	87151	87595	1.37	cps
Strontium	86-1	1717	1367	1575	1553	11.34	cps
Strontium	88-1	6452	7019	7027	6832	4.83	cps
Sulfur	34-1	549730	548575	545506	547937	0.40	cps
Terbium	159-1	3911165	3894577	3730310	3845350	2.60	cps
Terbium	159-2	1725346	1668310	1644555	1679403	2.47	cps
Thallium	203-1	1567	1508	1617	1564	3.47	cps
Thallium	205-1	3867	3467	3884	3740	6.31	cps
Tin	118-1	9328	9362	9045	9245	1.88	cps
Titanium	47-1	1975	2159	1992	2042	4.97	cps
Uranium	238-1	3909	4201	4167	4092	3.90	cps
Vanadium	51-2	3107	3124	3064	3098	1.00	cps
Yttrium	89-1	5671281	5584447	5425295	5560341	2.24	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:15:18	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	635884	611471	602152	616502	2.83	cps
Zinc	66-2	310	407	357	358	13.51	cps
Zirconium	90-1	4568	4484	4509	4520	0.95	cps
Zirconium	91-1	933	775	958	889	11.19	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:18:27	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18793	18815	18761	18790	0.14	cps
Antimony	121-1	147314	150961	148483	148919	1.25	cps
Arsenic	75-2	5118	4886	4924	4976	2.50	cps
Barium	135-1	147623	150387	150859	149623	1.17	cps
Barium	137-1	256949	257890	262405	259081	1.13	cps
Beryllium	9-1	29830	30404	30049	30094	0.96	cps
Bismuth	209-1	2132912	2012192	2004447	2049850	3.51	cps
Bismuth	209-2	1140547	1133281	1165287	1146372	1.46	cps
Boron	11-1	11590	12943	13586	12706	8.02	cps
Boron	10-1	2184	2534	2642	2453	9.76	cps
Bromine	81-1	2723	2853	3224	2933	8.85	cps
Cadmium	106-1	4601	4751	4851	4734	2.66	cps
Cadmium	108-1	2371	2375	2492	2413	2.84	cps
Cadmium	111-1	33615	35016	35230	34620	2.53	cps
Calcium	43-1	37285	37050	37323	37219	0.40	cps
Calcium	44-1	631698	635428	630005	632377	0.44	cps
Chromium	52-2	40798	41687	42389	41625	1.92	cps
Cobalt	59-2	72667	73257	73311	73078	0.49	cps
Copper	63-2	531515	527588	529401	529501	0.37	cps
Dysprosium	156-1	58	8	8	25	115.49	cps
Dysprosium	156-2	17	7	3	9	78.08	cps
Erbium	164-1	25	25	33	28	17.31	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	33	33	17	28	34.63	cps
Gadolinium	160-2	23	7	13	14	58.06	cps
Holmium	165-1	3695059	3522558	3614400	3610672	2.39	cps
Holmium	165-2	1647564	1645884	1673073	1655507	0.92	cps
Indium	115-1	3655784	3494348	3541309	3563813	2.33	cps
Indium	115-2	554934	550140	564145	556406	1.28	cps
Iron	54-2	88662	86466	88913	88014	1.53	cps
Iron	56-2	1600350	1578662	1601563	1593525	0.81	cps
Iron	57-2	39872	38558	39527	39319	1.73	cps
Krypton	83-1	463	410	400	424	8.02	cps
Lead	207-1	339081	329007	329360	332483	1.72	cps
Lead	208-1	284600	304913	298902	296138	3.52	cps
Lead	206-1	371886	365727	366312	367975	0.92	cps

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 14:18:27 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1145627	1100002	1116813	1120814	2.06	cps
Magnesium	24-2	292024	292277	291490	291930	0.14	cps
Manganese	55-2	201076	197619	199457	199384	0.87	cps
Molybdenum	94-1	283122	285087	282930	283713	0.42	cps
Molybdenum	95-1	350224	350803	352943	351323	0.41	cps
Molybdenum	96-1	382881	381575	383731	382729	0.28	cps
Molybdenum	97-1	217196	216215	215269	216226	0.45	cps
Molybdenum	98-1	547696	551971	555755	551807	0.73	cps
Neodymium	150-1	13	27	13	18	43.33	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	19604	19447	20058	19703	1.61	cps
Phosphorus	31-2	1617	1333	1692	1547	12.22	cps
Potassium	39-2	139352	140285	142297	140645	1.07	cps
Rhodium	103-1	3535613	3451581	3416038	3467744	1.77	cps
Rhodium	103-2	1594141	1586434	1611157	1597244	0.79	cps
Scandium	45-1	2461921	2329050	2348516	2379829	3.02	cps
Scandium	45-2	94098	92992	95777	94289	1.49	cps
Selenium	77-2	80	107	63	83	26.23	cps
Selenium	78-2	301	273	298	291	5.29	cps
Selenium	82-1	2347	2303	2305	2318	1.07	cps
Silicon	28-1	1005096	1032089	1031478	1022888	1.51	cps
Silver	109-1	158218	159162	163394	160258	1.72	cps
Silver	107-1	169735	167340	172215	169763	1.44	cps
Sodium	23-2	598647	599650	605094	601130	0.58	cps
Strontium	86-1	47590	47631	46963	47395	0.79	cps
Strontium	88-1	393989	389316	398783	394029	1.20	cps
Sulfur	34-1	552431	557689	557801	555974	0.55	cps
Terbium	159-1	3940198	3810239	3758617	3836351	2.44	cps
Terbium	159-2	1640700	1687063	1679641	1669135	1.49	cps
Thallium	203-1	87276	85691	87914	86960	1.32	cps
Thallium	205-1	206321	206426	206169	206305	0.06	cps
Tin	118-1	103439	105422	102675	103845	1.36	cps
Titanium	47-1	97414	98446	97984	97948	0.53	cps
Uranium	238-1	240239	240699	241245	240728	0.21	cps
Vanadium	51-2	35200	34141	34973	34771	1.60	cps
Yttrium	89-1	5534971	5311440	5316488	5387633	2.37	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:18:27	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	603757	605600	625343	611567	1.96	cps
Zinc	66-2	72987	71620	73556	72721	1.37	cps
Zirconium	90-1	239203	235093	238315	237537	0.91	cps
Zirconium	91-1	53102	53946	52708	53252	1.19	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:21:38	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	47260	47398	46708	47122	0.77	cps
Antimony	121-1	383817	376572	381841	380743	0.98	cps
Arsenic	75-2	12305	12359	12552	12405	1.04	cps
Barium	135-1	388182	382131	381250	383854	0.98	cps
Barium	137-1	661132	659744	659766	660214	0.12	cps
Beryllium	9-1	77819	76985	77721	77508	0.59	cps
Bismuth	209-1	2096715	2160342	2235791	2164282	3.22	cps
Bismuth	209-2	1157956	1159759	1156007	1157908	0.16	cps
Boron	11-1	29259	31784	33217	31420	6.38	cps
Boron	10-1	5700	6358	6770	6276	8.60	cps
Bromine	81-1	2803	2993	2933	2910	3.34	cps
Cadmium	106-1	10421	10471	10062	10318	2.16	cps
Cadmium	108-1	6106	6160	6147	6138	0.46	cps
Cadmium	111-1	85872	86858	87093	86608	0.75	cps
Calcium	43-1	95569	95010	94649	95076	0.49	cps
Calcium	44-1	1615096	1561580	1564193	1580290	1.91	cps
Chromium	52-2	105250	104556	102890	104232	1.16	cps
Cobalt	59-2	183716	182343	182264	182774	0.45	cps
Copper	63-2	1322135	1322841	1319225	1321400	0.15	cps
Dysprosium	156-1	42	25	17	28	45.82	cps
Dysprosium	156-2	13	3	3	7	86.65	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	17	25	25	22	21.64	cps
Gadolinium	160-2	17	10	10	12	31.50	cps
Holmium	165-1	3693471	3745698	3865355	3768175	2.34	cps
Holmium	165-2	1690216	1669169	1691524	1683636	0.75	cps
Indium	115-1	3558565	3694140	3752269	3668325	2.71	cps
Indium	115-2	568441	563510	563219	565057	0.52	cps
Iron	54-2	219281	220458	220314	220018	0.29	cps
Iron	56-2	3943514	4007854	3931403	3960924	1.04	cps
Iron	57-2	98163	100087	98197	98816	1.11	cps
Krypton	83-1	370	377	393	380	3.16	cps
Lead	207-1	849043	836207	849260	844837	0.88	cps
Lead	208-1	814785	828421	822801	822002	0.83	cps
Lead	206-1	932436	930313	949330	937360	1.11	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:21:38	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1145414	1173026	1180182	1166207	1.57	cps
Magnesium	24-2	725083	730846	724054	726661	0.50	cps
Manganese	55-2	499896	506742	497249	501295	0.98	cps
Molybdenum	94-1	729490	732967	734029	732162	0.32	cps
Molybdenum	95-1	892297	891017	892210	891841	0.08	cps
Molybdenum	96-1	986928	973511	998380	986273	1.26	cps
Molybdenum	97-1	546146	552269	553557	550658	0.72	cps
Molybdenum	98-1	1399975	1441204	1397687	1412956	1.73	cps
Neodymium	150-1	13	33	27	24	41.66	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	49563	51061	50007	50210	1.53	cps
Phosphorus	31-2	3484	3492	3426	3467	1.05	cps
Potassium	39-2	312851	321475	313603	315976	1.51	cps
Rhodium	103-1	3557812	3654158	3716142	3642704	2.19	cps
Rhodium	103-2	1636109	1570779	1600315	1602401	2.04	cps
Scandium	45-1	2490660	2479549	2528700	2499636	1.03	cps
Scandium	45-2	96029	93703	93213	94315	1.59	cps
Selenium	77-2	193	230	157	193	18.96	cps
Selenium	78-2	655	666	657	659	0.89	cps
Selenium	82-1	6091	6172	5941	6068	1.93	cps
Silicon	28-1	1197336	1240548	1271704	1236529	3.02	cps
Silver	109-1	413945	415764	414831	414847	0.22	cps
Silver	107-1	427721	434136	429309	430389	0.78	cps
Sodium	23-2	1411244	1441397	1447498	1433380	1.35	cps
Strontium	86-1	118936	114601	116895	116811	1.86	cps
Strontium	88-1	1022637	992391	1006306	1007111	1.50	cps
Sulfur	34-1	574744	580030	573907	576227	0.58	cps
Terbium	159-1	3914794	3928726	4120132	3987884	2.88	cps
Terbium	159-2	1696563	1666983	1645452	1669666	1.54	cps
Thallium	203-1	221388	218882	222739	221003	0.89	cps
Thallium	205-1	524850	531144	531545	529180	0.71	cps
Tin	118-1	268357	267056	268329	267914	0.28	cps
Titanium	47-1	255178	257820	255508	256169	0.56	cps
Uranium	238-1	618063	608469	626182	617571	1.44	cps
Vanadium	51-2	86664	88236	85708	86869	1.47	cps
Yttrium	89-1	5699235	5679399	5679994	5686209	0.20	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:21:38	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	625601	618026	614827	619485	0.89	cps
Zinc	66-2	180517	181527	180879	180974	0.28	cps
Zirconium	90-1	622349	610131	612114	614865	1.07	cps
Zirconium	91-1	133795	136094	135403	135098	0.87	cps

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 14:24:42 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	94896	95191	94718	94935	0.25	cps
Antimony	121-1	772259	765473	770084	769272	0.45	cps
Arsenic	75-2	25440	24988	24876	25101	1.19	cps
Barium	135-1	767765	777553	771247	772188	0.64	cps
Barium	137-1	1331664	1338059	1335618	1335113	0.24	cps
Beryllium	9-1	155081	156074	156106	155754	0.37	cps
Bismuth	209-1	2187966	2219250	2182269	2196495	0.91	cps
Bismuth	209-2	1170511	1164194	1205685	1180130	1.89	cps
Boron	11-1	57799	63274	67207	62760	7.53	cps
Boron	10-1	11250	12345	13538	12377	9.24	cps
Bromine	81-1	2963	2783	3124	2957	5.76	cps
Cadmium	106-1	19114	19089	19881	19361	2.33	cps
Cadmium	108-1	12752	12510	13148	12803	2.52	cps
Cadmium	111-1	173236	170908	174163	172769	0.97	cps
Calcium	43-1	191339	192927	191889	192051	0.42	cps
Calcium	44-1	3128364	3171661	3166379	3155468	0.75	cps
Chromium	52-2	215509	210673	210533	212238	1.34	cps
Cobalt	59-2	371232	371174	368806	370404	0.37	cps
Copper	63-2	2658612	2662146	2633653	2651470	0.59	cps
Dysprosium	156-1	33	17	100	50	88.19	cps
Dysprosium	156-2	40	7	3	17	121.66	cps
Erbium	164-1	33	50	33	39	24.75	cps
Erbium	164-2	13	13	10	12	15.73	cps
Gadolinium	160-1	25	83	33	47	66.82	cps
Gadolinium	160-2	17	10	3	10	66.70	cps
Holmium	165-1	3824734	3820607	3823164	3822835	0.05	cps
Holmium	165-2	1686810	1712975	1766246	1722010	2.35	cps
Indium	115-1	3798474	3743051	3792850	3778125	0.81	cps
Indium	115-2	562743	564441	584673	570619	2.14	cps
Iron	54-2	450978	451941	443179	448699	1.07	cps
Iron	56-2	7964255	8087012	7994461	8015243	0.80	cps
Iron	57-2	199154	201308	199268	199910	0.61	cps
Krypton	83-1	373	380	433	396	8.31	cps
Lead	207-1	1700726	1718838	1730676	1716747	0.88	cps
Lead	208-1	1560784	1602947	1602660	1588797	1.53	cps
Lead	206-1	1921062	1950564	1914912	1928846	0.99	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:24:42	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1188207	1184632	1182580	1185140	0.24	cps
Magnesium	24-2	1451876	1465680	1449312	1455623	0.60	cps
Manganese	55-2	1036238	1019384	1020342	1025322	0.92	cps
Molybdenum	94-1	1454026	1468782	1496035	1472948	1.45	cps
Molybdenum	95-1	1790565	1779733	1805890	1792062	0.73	cps
Molybdenum	96-1	1948062	1918228	1965420	1943904	1.23	cps
Molybdenum	97-1	1112224	1093006	1103090	1102773	0.87	cps
Molybdenum	98-1	2835698	2798502	2783416	2805872	0.96	cps
Neodymium	150-1	33	33	67	44	43.31	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	102113	101522	100730	101455	0.68	cps
Phosphorus	31-2	7519	6777	7002	7099	5.36	cps
Potassium	39-2	620423	622056	613835	618771	0.70	cps
Rhodium	103-1	3653259	3588296	3711566	3651041	1.69	cps
Rhodium	103-2	1618178	1634621	1650367	1634389	0.98	cps
Scandium	45-1	2533405	2597193	2584353	2571651	1.31	cps
Scandium	45-2	95065	95632	98975	96557	2.19	cps
Selenium	77-2	367	303	427	366	16.87	cps
Selenium	78-2	1288	1338	1258	1295	3.12	cps
Selenium	82-1	11942	12462	12060	12154	2.24	cps
Silicon	28-1	1523288	1598473	1648113	1589958	3.95	cps
Silver	109-1	826275	815972	831167	824471	0.94	cps
Silver	107-1	864787	879576	877207	873857	0.91	cps
Sodium	23-2	2927188	2823108	2890875	2880391	1.83	cps
Strontium	86-1	235857	240574	242157	239530	1.37	cps
Strontium	88-1	1996765	2003754	2026006	2008842	0.76	cps
Sulfur	34-1	604784	608626	607462	606957	0.32	cps
Terbium	159-1	4077025	4000548	4015702	4031092	1.00	cps
Terbium	159-2	1670461	1690263	1720882	1693868	1.50	cps
Thallium	203-1	442780	452521	445402	446901	1.13	cps
Thallium	205-1	1065265	1077428	1069581	1070758	0.58	cps
Tin	118-1	542843	531185	543559	539196	1.29	cps
Titanium	47-1	508834	511588	504284	508235	0.73	cps
Uranium	238-1	1230027	1247308	1227344	1234893	0.88	cps
Vanadium	51-2	178964	178154	174858	177325	1.23	cps
Yttrium	89-1	5805824	5805920	5805583	5805776	0.00	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:24:42	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	619604	614722	641357	625228	2.27	cps
Zinc	66-2	370584	371971	367789	370115	0.58	cps
Zirconium	90-1	1247569	1228251	1241662	1239161	0.80	cps
Zirconium	91-1	273370	276891	280018	276760	1.20	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:27:43	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	191382	191294	188306	190328	0.92	cps
Antimony	121-1	1507699	1520571	1535898	1521389	0.93	cps
Arsenic	75-2	50273	50772	50126	50390	0.67	cps
Barium	135-1	1501597	1517337	1509561	1509498	0.52	cps
Barium	137-1	2597030	2643816	2576458	2605768	1.32	cps
Beryllium	9-1	302084	305466	309344	305631	1.19	cps
Bismuth	209-1	2138083	2103974	2130701	2124253	0.84	cps
Bismuth	209-2	1152231	1190592	1140511	1161111	2.26	cps
Boron	11-1	112957	124414	132951	123440	8.13	cps
Boron	10-1	22280	25000	26212	24498	8.22	cps
Bromine	81-1	2823	3084	2723	2877	6.47	cps
Cadmium	106-1	35989	37026	37168	36727	1.75	cps
Cadmium	108-1	24067	25261	24585	24637	2.43	cps
Cadmium	111-1	337772	339766	343567	340368	0.87	cps
Calcium	43-1	376589	381207	378025	378607	0.62	cps
Calcium	44-1	6077675	6213043	6325193	6205303	2.00	cps
Chromium	52-2	421383	422843	418262	420829	0.56	cps
Cobalt	59-2	738254	737190	725873	733772	0.94	cps
Copper	63-2	5221386	5266233	5158466	5215362	1.04	cps
Dysprosium	156-1	42	100	58	67	45.07	cps
Dysprosium	156-2	30	10	10	17	69.28	cps
Erbium	164-1	25	25	33	28	17.31	cps
Erbium	164-2	10	13	23	16	44.60	cps
Gadolinium	160-1	25	50	58	44	39.03	cps
Gadolinium	160-2	20	30	50	33	45.83	cps
Holmium	165-1	3765523	3760126	3782173	3769274	0.30	cps
Holmium	165-2	1699747	1751397	1689960	1713702	1.93	cps
Indium	115-1	3787533	3764294	3651009	3734279	1.96	cps
Indium	115-2	553348	571425	553927	559567	1.84	cps
Iron	54-2	892235	888627	890194	890352	0.20	cps
Iron	56-2	15871627	15812733	15896561	15860307	0.27	cps
Iron	57-2	394556	396497	394733	395262	0.27	cps
Krypton	83-1	433	410	370	404	7.92	cps
Lead	207-1	3387608	3366052	3400402	3384687	0.51	cps
Lead	208-1	2843078	3084223	2858264	2928521	4.61	cps
Lead	206-1	3731023	3777054	3809028	3772368	1.04	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:27:43	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1185225	1176409	1190895	1184176	0.62	cps
Magnesium	24-2	2890149	2885202	2863518	2879623	0.49	cps
Manganese	55-2	2055746	2055871	2015042	2042220	1.15	cps
Molybdenum	94-1	2854541	2873611	2923222	2883791	1.23	cps
Molybdenum	95-1	3515155	3525471	3591512	3544046	1.17	cps
Molybdenum	96-1	3802501	3871539	3843286	3839108	0.90	cps
Molybdenum	97-1	2175644	2154560	2193478	2174561	0.90	cps
Molybdenum	98-1	5461915	5415971	5495791	5457892	0.73	cps
Neodymium	150-1	87	67	53	69	24.36	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	199142	198856	199108	199035	0.08	cps
Phosphorus	31-2	13498	13440	13498	13479	0.25	cps
Potassium	39-2	1206514	1219609	1181191	1202438	1.62	cps
Rhodium	103-1	3618082	3568578	3549858	3578839	0.98	cps
Rhodium	103-2	1560563	1624233	1561505	1582100	2.31	cps
Scandium	45-1	2550950	2494515	2484666	2510044	1.42	cps
Scandium	45-2	94818	97650	94102	95523	1.96	cps
Selenium	77-2	703	730	740	724	2.62	cps
Selenium	78-2	2524	2580	2486	2530	1.85	cps
Selenium	82-1	23575	24416	24172	24054	1.80	cps
Silicon	28-1	2101573	2247054	2306698	2218442	4.76	cps
Silver	109-1	1585462	1595260	1607265	1595996	0.68	cps
Silver	107-1	1677534	1718224	1678347	1691368	1.38	cps
Sodium	23-2	5675271	5708411	5559883	5647855	1.38	cps
Strontium	86-1	460498	474795	474107	469800	1.72	cps
Strontium	88-1	3988738	3962813	3983598	3978383	0.35	cps
Sulfur	34-1	666983	663092	664363	664813	0.30	cps
Terbium	159-1	4033139	4035706	3998795	4022547	0.51	cps
Terbium	159-2	1681206	1739100	1684261	1701522	1.91	cps
Thallium	203-1	872556	896175	886997	885243	1.35	cps
Thallium	205-1	2106462	2100169	2094934	2100522	0.27	cps
Tin	118-1	1049479	1078319	1076125	1067974	1.50	cps
Titanium	47-1	1000101	1015901	1033511	1016504	1.64	cps
Uranium	238-1	2441726	2456192	2488325	2462081	0.97	cps
Vanadium	51-2	353711	352880	350796	352463	0.43	cps
Yttrium	89-1	5879541	5780378	5735772	5798564	1.27	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:27:43	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	609051	633277	618230	620186	1.97	cps
Zinc	66-2	729800	731829	723814	728481	0.57	cps
Zirconium	90-1	2424462	2457369	2433463	2438431	0.70	cps
Zirconium	91-1	534441	548561	553361	545454	1.80	cps

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 14:30:41 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	381946	383159	377117	380741	0.84	cps
Antimony	121-1	3046261	3068811	3024004	3046359	0.74	cps
Arsenic	75-2	102581	102008	100378	101656	1.12	cps
Barium	135-1	3084161	3122240	3085407	3097270	0.70	cps
Barium	137-1	5330940	5207228	5196327	5244832	1.43	cps
Beryllium	9-1	624242	619496	615604	619781	0.70	cps
Bismuth	209-1	2086808	2165661	2132050	2128173	1.86	cps
Bismuth	209-2	1175654	1172621	1182737	1177004	0.44	cps
Boron	11-1	236534	261734	272148	256805	7.13	cps
Boron	10-1	46584	51563	53149	50432	6.79	cps
Bromine	81-1	2893	3234	2823	2983	7.36	cps
Cadmium	106-1	73160	72850	72164	72725	0.70	cps
Cadmium	108-1	50366	50885	49995	50415	0.89	cps
Cadmium	111-1	688908	682336	695061	688768	0.92	cps
Calcium	43-1	769189	764024	774976	769396	0.71	cps
Calcium	44-1	12668695	12696823	12421177	12595565	1.20	cps
Chromium	52-2	853888	856242	844773	851634	0.71	cps
Cobalt	59-2	1470743	1497075	1471295	1479704	1.02	cps
Copper	63-2	10538025	10611344	10463493	10537621	0.70	cps
Dysprosium	156-1	117	142	142	133	10.83	cps
Dysprosium	156-2	37	37	23	32	23.90	cps
Erbium	164-1	25	50	100	58	65.47	cps
Erbium	164-2	30	17	27	24	28.38	cps
Gadolinium	160-1	117	100	92	103	12.39	cps
Gadolinium	160-2	30	40	57	42	31.91	cps
Holmium	165-1	3721587	3870434	3729365	3773795	2.22	cps
Holmium	165-2	1749352	1729247	1752289	1743629	0.72	cps
Indium	115-1	3603400	3777089	3686479	3688990	2.35	cps
Indium	115-2	565755	560666	571294	565905	0.94	cps
Iron	54-2	1770609	1801291	1803674	1791858	1.03	cps
Iron	56-2	32128513	32057003	31897215	32027577	0.37	cps
Iron	57-2	799919	807803	790970	799564	1.05	cps
Krypton	83-1	427	417	430	424	1.63	cps
Lead	207-1	6838410	6821526	6881598	6847178	0.45	cps
Lead	208-1	6152381	6169650	6334598	6218877	1.62	cps
Lead	206-1	7511552	7614697	7607263	7577837	0.76	cps

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 14:30:41 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1147715	1171581	1212404	1177233	2.78	cps
Magnesium	24-2	5804846	5703999	5663792	5724212	1.27	cps
Manganese	55-2	4113997	4056476	4020933	4063802	1.16	cps
Molybdenum	94-1	5734138	5748413	5775632	5752728	0.37	cps
Molybdenum	95-1	7136428	7022936	7121666	7093677	0.87	cps
Molybdenum	96-1	7860657	7678021	7782513	7773730	1.18	cps
Molybdenum	97-1	4435521	4385342	4339447	4386770	1.10	cps
Molybdenum	98-1	11350710	11105773	11230452	11228978	1.09	cps
Neodymium	150-1	193	167	160	173	10.18	cps
Neodymium	150-2	27	23	27	26	7.55	cps
Nickel	60-2	398812	402087	397100	399333	0.63	cps
Phosphorus	31-2	28453	27243	27886	27861	2.17	cps
Potassium	39-2	2400271	2413193	2360149	2391204	1.16	cps
Rhodium	103-1	3520072	3623141	3486941	3543384	2.00	cps
Rhodium	103-2	1606103	1574810	1635799	1605571	1.90	cps
Scandium	45-1	2460454	2570882	2493459	2508265	2.26	cps
Scandium	45-2	96448	96371	99015	97278	1.55	cps
Selenium	77-2	1547	1493	1503	1515	1.87	cps
Selenium	78-2	4973	5145	5106	5075	1.78	cps
Selenium	82-1	48833	48390	48793	48672	0.50	cps
Silicon	28-1	3456051	3650377	3739681	3615370	4.01	cps
Silver	109-1	3204702	3235082	3235947	3225244	0.55	cps
Silver	107-1	3372964	3373035	3397935	3381311	0.43	cps
Sodium	23-2	11496694	11379772	11344841	11407102	0.70	cps
Strontium	86-1	957010	952480	958689	956060	0.34	cps
Strontium	88-1	7947184	7894738	8071831	7971251	1.14	cps
Sulfur	34-1	795923	794541	796819	795761	0.14	cps
Terbium	159-1	4030342	4039601	3965478	4011807	1.01	cps
Terbium	159-2	1727618	1703930	1747245	1726264	1.26	cps
Thallium	203-1	1748076	1777210	1783375	1769554	1.07	cps
Thallium	205-1	4225347	4247096	4296019	4256154	0.85	cps
Tin	118-1	2153191	2146033	2184727	2161317	0.95	cps
Titanium	47-1	2045353	2051447	2088776	2061859	1.14	cps
Uranium	238-1	4934358	4842541	5077079	4951326	2.39	cps
Vanadium	51-2	716869	713631	711815	714105	0.36	cps
Yttrium	89-1	5677373	5768113	5656814	5700767	1.04	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:30:41	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	627432	621989	641284	630235	1.58	cps
Zinc	66-2	1471230	1485995	1450563	1469263	1.21	cps
Zirconium	90-1	4809663	4796192	4879401	4828419	0.92	cps
Zirconium	91-1	1109039	1105504	1114515	1109686	0.41	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:33:42	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1867695	1904894	1873760	1882116	1.06	cps
Antimony	121-1	2642	2634	2492	2589	3.26	cps
Arsenic	75-2	40	34	51	42	19.78	cps
Barium	135-1	5835	5801	5576	5737	2.45	cps
Barium	137-1	9837	9937	10488	10087	3.47	cps
Beryllium	9-1	521	461	439	474	8.93	cps
Bismuth	209-1	2068945	2066247	2038724	2057972	0.81	cps
Bismuth	209-2	1137000	1145854	1152687	1145180	0.69	cps
Boron	11-1	41422	37231	33549	37401	10.53	cps
Boron	10-1	8287	7340	6896	7508	9.46	cps
Bromine	81-1	3264	3104	3013	3127	4.05	cps
Cadmium	106-1	1275	1425	1408	1370	6.00	cps
Cadmium	108-1	46	88	108	81	39.51	cps
Cadmium	111-1	1202	1311	1185	1233	5.56	cps
Calcium	43-1	3755914	3819589	3836540	3804015	1.12	cps
Calcium	44-1	62408022	63525777	63313675	63082491	0.94	cps
Chromium	52-2	16616	16490	16953	16686	1.44	cps
Cobalt	59-2	3060	2867	2954	2960	3.27	cps
Copper	63-2	10576	10631	10312	10506	1.62	cps
Dysprosium	156-1	217	217	258	231	10.43	cps
Dysprosium	156-2	87	107	90	94	11.35	cps
Erbium	164-1	17	25	58	33	66.14	cps
Erbium	164-2	13	13	7	11	34.61	cps
Gadolinium	160-1	200	200	183	194	4.95	cps
Gadolinium	160-2	107	110	107	108	1.78	cps
Holmium	165-1	3858088	3752012	3806461	3805520	1.39	cps
Holmium	165-2	1746234	1757818	1783874	1762642	1.09	cps
Indium	115-1	3732605	3667646	3606971	3669074	1.71	cps
Indium	115-2	567019	568045	574301	569788	0.69	cps
Iron	54-2	8071549	8092477	8251312	8138446	1.21	cps
Iron	56-2	149305887	148011392	149645926	148987735	0.58	cps
Iron	57-2	3755170	3785382	3769823	3770125	0.40	cps
Krypton	83-1	400	343	480	408	16.84	cps
Lead	207-1	6896	6541	6935	6791	3.20	cps
Lead	208-1	6314	7023	5953	6430	8.47	cps
Lead	206-1	7558	7891	7830	7760	2.29	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:33:42	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1233494	1247970	1228148	1236537	0.83	cps
Magnesium	24-2	27870019	28231092	28536473	28212528	1.18	cps
Manganese	55-2	5024	4978	5078	5026	1.00	cps
Molybdenum	94-1	3551	3684	3742	3659	2.69	cps
Molybdenum	95-1	5259	5284	5426	5323	1.69	cps
Molybdenum	96-1	6168	6243	6035	6149	1.72	cps
Molybdenum	97-1	3025	3442	3267	3245	6.45	cps
Molybdenum	98-1	8578	8369	8228	8392	2.10	cps
Neodymium	150-1	13	27	27	22	34.66	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	5981	5678	5651	5770	3.18	cps
Phosphorus	31-2	200	308	283	264	21.50	cps
Potassium	39-2	11247785	11362525	11570583	11393631	1.44	cps
Rhodium	103-1	3479586	3470002	3377982	3442523	1.63	cps
Rhodium	103-2	1543283	1577018	1588991	1569764	1.51	cps
Scandium	45-1	2542569	2532239	2472374	2515727	1.51	cps
Scandium	45-2	95320	96485	98071	96625	1.43	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	53	57	50	53	6.58	cps
Selenium	82-1	60	99	-68	30	285.71	cps
Silicon	28-1	1434416	1536277	1536709	1502467	3.92	cps
Silver	109-1	1683	1567	1975	1742	12.08	cps
Silver	107-1	1825	1959	1875	1886	3.57	cps
Sodium	23-2	54603837	55390591	55873795	55289407	1.16	cps
Strontium	86-1	5976	6318	5401	5899	7.86	cps
Strontium	88-1	44790	44605	45015	44803	0.46	cps
Sulfur	34-1	528732	529092	537992	531939	0.99	cps
Terbium	159-1	4088992	3945615	3991678	4008762	1.83	cps
Terbium	159-2	1719295	1750168	1785790	1751751	1.90	cps
Thallium	203-1	1358	1142	1267	1256	8.66	cps
Thallium	205-1	3367	2975	2850	3064	8.80	cps
Tin	118-1	1508	1333	1642	1495	10.35	cps
Titanium	47-1	550	583	767	633	18.42	cps
Uranium	238-1	717	642	592	650	9.68	cps
Vanadium	51-2	240	213	233	229	6.06	cps
Yttrium	89-1	5794186	5705873	5575269	5691776	1.94	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:33:42	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	632362	633847	633841	633350	0.14	cps
Zinc	66-2	5628	5511	5534	5558	1.11	cps
Zirconium	90-1	1525	1450	1417	1464	3.79	cps
Zirconium	91-1	367	383	392	381	3.35	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:42:48	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9198	9039	9174	9137	0.94	cps
Antimony	121-1	570397	566312	565312	567340	0.47	cps
Arsenic	75-2	20871	21069	20798	20912	0.67	cps
Barium	135-1	58552	59088	59230	58957	0.61	cps
Barium	137-1	100858	101774	100506	101046	0.65	cps
Beryllium	9-1	57907	58341	58846	58365	0.81	cps
Bismuth	209-1	2118856	2070940	2084388	2091395	1.18	cps
Bismuth	209-2	1158074	1136787	1130551	1141804	1.26	cps
Boron	11-1	149193	160517	164052	157921	4.92	cps
Boron	10-1	29674	32185	32275	31378	4.70	cps
Bromine	81-1	2893	3184	2793	2957	6.86	cps
Cadmium	106-1	12306	12281	12756	12448	2.15	cps
Cadmium	108-1	6293	6389	6543	6409	1.97	cps
Cadmium	111-1	67633	68738	68808	68393	0.96	cps
Calcium	43-1	15242	15256	15448	15315	0.75	cps
Calcium	44-1	256278	260569	261525	259458	1.08	cps
Chromium	52-2	80133	81149	80586	80622	0.63	cps
Cobalt	59-2	140377	141047	142687	141370	0.84	cps
Copper	63-2	102745	103634	102611	102997	0.54	cps
Dysprosium	156-1	42	25	17	28	45.82	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	8	0	33	14	124.91	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	25	25	25	25	0.00	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	3660823	3608773	3647189	3638928	0.74	cps
Holmium	165-2	1695656	1661480	1678114	1678417	1.02	cps
Indium	115-1	3668538	3502983	3653990	3608504	2.54	cps
Indium	115-2	565991	550145	553805	556647	1.49	cps
Iron	54-2	68168	68229	68285	68227	0.09	cps
Iron	56-2	1199871	1193142	1181561	1191525	0.78	cps
Iron	57-2	29976	28796	28640	29137	2.51	cps
Krypton	83-1	400	423	357	393	8.60	cps
Lead	207-1	259713	259104	261538	260118	0.49	cps
Lead	208-1	246170	260657	257424	254751	2.99	cps
Lead	206-1	306519	311947	312304	310256	1.04	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:42:48	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1208232	1171870	1205531	1195211	1.70	cps
Magnesium	24-2	63506	64610	65171	64429	1.31	cps
Manganese	55-2	39551	38906	40133	39530	1.55	cps
Molybdenum	94-1	2677643	2643075	2685964	2668894	0.85	cps
Molybdenum	95-1	3146720	3192921	3197478	3179040	0.88	cps
Molybdenum	96-1	3455091	3516372	3516800	3496088	1.02	cps
Molybdenum	97-1	1958835	1951616	1972712	1961054	0.55	cps
Molybdenum	98-1	4969120	5040193	4908808	4972707	1.32	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	39585	39117	38572	39091	1.30	cps
Phosphorus	31-2	150	208	200	186	16.95	cps
Potassium	39-2	115477	113872	113797	114382	0.83	cps
Rhodium	103-1	3603772	3439849	3532036	3525219	2.33	cps
Rhodium	103-2	1612945	1602626	1596492	1604021	0.52	cps
Scandium	45-1	2462882	2354551	2434966	2417466	2.33	cps
Scandium	45-2	95441	93683	93314	94146	1.21	cps
Selenium	77-2	293	290	240	274	10.89	cps
Selenium	78-2	1028	1021	967	1005	3.32	cps
Selenium	82-1	9251	9084	9404	9246	1.73	cps
Silicon	28-1	1697143	1838708	1927452	1821101	6.38	cps
Silver	109-1	146751	150492	147896	148380	1.29	cps
Silver	107-1	155284	161085	158402	158257	1.83	cps
Sodium	23-2	253212	255823	260027	256354	1.34	cps
Strontium	86-1	441804	450875	450515	447731	1.15	cps
Strontium	88-1	3765579	3913702	3812531	3830604	1.98	cps
Sulfur	34-1	533162	542525	535511	537066	0.91	cps
Terbium	159-1	3984137	3784464	3948093	3905565	2.72	cps
Terbium	159-2	1705491	1658712	1635082	1666428	2.15	cps
Thallium	203-1	372153	374565	369749	372156	0.65	cps
Thallium	205-1	867782	894374	889441	883866	1.60	cps
Tin	118-1	1034003	1037326	1040064	1037131	0.29	cps
Titanium	47-1	918703	923460	910265	917476	0.73	cps
Uranium	238-1	2378892	2444690	2421850	2415144	1.38	cps
Vanadium	51-2	64990	66356	65794	65713	1.04	cps
Yttrium	89-1	5625180	5439344	5566107	5543544	1.71	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 14:42:48	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	620797	609783	605566	612049	1.28	cps
Zinc	66-2	27644	26655	27550	27283	2.00	cps
Zirconium	90-1	2351235	2371995	2332641	2351957	0.84	cps
Zirconium	91-1	514178	529852	524448	522826	1.52	cps

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : LLICV01 Instrumnet Name : P8
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 15:02:29 DataFile Name : 012LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	691	701	729	707	2.75	cps
Antimony	121-1	4476	4693	5093	4754	6.58	cps
Arsenic	75-2	100	88	101	97	7.43	cps
Barium	135-1	4818	4409	4943	4723	5.91	cps
Barium	137-1	7811	8511	8419	8247	4.62	cps
Beryllium	9-1	571	652	592	605	6.93	cps
Bismuth	209-1	2057176	2135101	2157663	2116647	2.49	cps
Bismuth	209-2	1054018	1131349	1132921	1106096	4.08	cps
Boron	11-1	6010	6562	7088	6554	8.23	cps
Boron	10-1	1124	1394	1388	1302	11.84	cps
Bromine	81-1	3084	3074	3074	3077	0.19	cps
Cadmium	106-1	1150	1383	1058	1197	14.00	cps
Cadmium	108-1	33	46	63	47	30.99	cps
Cadmium	111-1	1486	1570	1326	1461	8.46	cps
Calcium	43-1	3015	3239	3244	3166	4.13	cps
Calcium	44-1	65776	66342	67860	66659	1.62	cps
Chromium	52-2	1897	2037	1883	1939	4.38	cps
Cobalt	59-2	1277	1220	1307	1268	3.47	cps
Copper	63-2	2589	2704	2971	2754	7.12	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	25	0	50	25	100.00	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	8	33	25	22	57.29	cps
Gadolinium	160-2	27	17	23	22	22.91	cps
Holmium	165-1	3567888	3645496	3693806	3635730	1.75	cps
Holmium	165-2	1565490	1668595	1662759	1632281	3.55	cps
Indium	115-1	3627136	3644204	3654536	3641959	0.38	cps
Indium	115-2	514582	551188	552448	539406	3.99	cps
Iron	54-2	1756	1867	2006	1876	6.68	cps
Iron	56-2	28818	28757	28195	28590	1.20	cps
Iron	57-2	883	839	761	828	7.47	cps
Krypton	83-1	430	413	420	421	1.99	cps
Lead	207-1	1178	1228	1311	1239	5.44	cps
Lead	208-1	1069	1234	1187	1164	7.31	cps
Lead	206-1	1345	1461	1456	1420	4.63	cps

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : LLICV01 Instrumnet Name : P8
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 15:02:29 DataFile Name : 012LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1152361	1150989	1152071	1151807	0.06	cps
Magnesium	24-2	23261	24271	24438	23990	2.66	cps
Manganese	55-2	467	470	450	462	2.32	cps
Molybdenum	94-1	4693	4518	4676	4629	2.09	cps
Molybdenum	95-1	5551	5710	5835	5699	2.49	cps
Molybdenum	96-1	6135	6143	6427	6235	2.66	cps
Molybdenum	97-1	3359	3200	3559	3373	5.33	cps
Molybdenum	98-1	8019	9137	9003	8720	7.00	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	623	693	637	651	5.71	cps
Phosphorus	31-2	292	292	225	269	14.29	cps
Potassium	39-2	44795	45614	44686	45032	1.13	cps
Rhodium	103-1	3482648	3620245	3598230	3567041	2.07	cps
Rhodium	103-2	1492373	1590552	1555080	1546002	3.22	cps
Scandium	45-1	2371315	2388915	2485859	2415363	2.55	cps
Scandium	45-2	89035	92415	93234	91561	2.43	cps
Selenium	77-2	7	13	7	9	43.25	cps
Selenium	78-2	66	66	48	60	17.32	cps
Selenium	82-1	166	192	139	166	15.80	cps
Silicon	28-1	915027	907802	906264	909697	0.51	cps
Silver	109-1	2467	2375	2625	2489	5.08	cps
Silver	107-1	3034	2392	2675	2700	11.91	cps
Sodium	23-2	87269	85801	85291	86120	1.19	cps
Strontium	86-1	1392	1617	1567	1525	7.75	cps
Strontium	88-1	6235	6377	6618	6410	3.03	cps
Sulfur	34-1	537523	537926	540428	538626	0.29	cps
Terbium	159-1	3792696	3875812	3920494	3863000	1.68	cps
Terbium	159-2	1541460	1644796	1659536	1615264	3.98	cps
Thallium	203-1	1567	1575	1608	1583	1.39	cps
Thallium	205-1	3517	3409	3684	3537	3.92	cps
Tin	118-1	8461	8294	9003	8586	4.32	cps
Titanium	47-1	1667	2050	2034	1917	11.31	cps
Uranium	238-1	4092	3701	4059	3951	5.50	cps
Vanadium	51-2	2834	2657	2774	2755	3.26	cps
Yttrium	89-1	5501809	5582085	5657409	5580434	1.39	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:02:29	DataFile Name :	012LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	571073	606578	606857	594836	3.46	cps
Zinc	66-2	343	380	297	340	12.29	cps
Zirconium	90-1	3734	3809	4051	3865	4.28	cps
Zirconium	91-1	900	1008	925	945	6.01	cps

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 15:05:41 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	394	376	394	388	2.60	cps
Antimony	121-1	67	42	83	64	32.83	cps
Arsenic	75-2	6	1	6	4	65.55	cps
Barium	135-1	50	17	17	28	69.27	cps
Barium	137-1	50	17	33	33	50.00	cps
Beryllium	9-1	140	95	105	114	20.63	cps
Bismuth	209-1	2103469	2072296	2094747	2090171	0.77	cps
Bismuth	209-2	1145529	1120962	1140340	1135610	1.14	cps
Boron	11-1	2794	2662	2634	2696	3.17	cps
Boron	10-1	618	548	546	571	7.19	cps
Bromine	81-1	3023	2903	2573	2833	8.24	cps
Cadmium	106-1	1042	983	1067	1031	4.15	cps
Cadmium	108-1	0	17	8	8	100.02	cps
Cadmium	111-1	754	681	745	727	5.50	cps
Calcium	43-1	281	229	261	257	10.31	cps
Calcium	44-1	17702	18014	17835	17851	0.88	cps
Chromium	52-2	587	567	633	596	5.74	cps
Cobalt	59-2	90	73	73	79	12.20	cps
Copper	63-2	967	931	901	933	3.55	cps
Dysprosium	156-1	33	8	17	19	65.47	cps
Dysprosium	156-2	0	13	0	4	173.21	cps
Erbium	164-1	17	8	8	11	43.34	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	42	8	17	22	78.07	cps
Gadolinium	160-2	17	13	3	11	62.48	cps
Holmium	165-1	3704001	3550991	3616340	3623777	2.12	cps
Holmium	165-2	1672285	1634717	1665901	1657634	1.21	cps
Indium	115-1	3680200	3593259	3638459	3637306	1.20	cps
Indium	115-2	553883	542268	554050	550067	1.23	cps
Iron	54-2	456	478	394	443	9.75	cps
Iron	56-2	2689	2945	2673	2769	5.51	cps
Iron	57-2	128	111	122	120	7.05	cps
Krypton	83-1	450	377	423	417	8.91	cps
Lead	207-1	222	317	278	272	17.44	cps
Lead	208-1	242	195	321	253	25.06	cps
Lead	206-1	306	361	383	350	11.45	cps

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 15:05:41 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1170320	1150410	1155944	1158891	0.89	cps
Magnesium	24-2	608	725	575	636	12.38	cps
Manganese	55-2	127	147	133	136	7.51	cps
Molybdenum	94-1	58	92	142	97	43.14	cps
Molybdenum	95-1	50	17	25	31	56.77	cps
Molybdenum	96-1	25	33	58	39	44.61	cps
Molybdenum	97-1	8	8	33	17	86.62	cps
Molybdenum	98-1	50	33	67	50	33.34	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	307	347	373	342	9.81	cps
Phosphorus	31-2	317	183	250	250	26.67	cps
Potassium	39-2	27134	27017	26400	26851	1.47	cps
Rhodium	103-1	3487873	3460766	3546679	3498439	1.26	cps
Rhodium	103-2	1582687	1586030	1624814	1597844	1.47	cps
Scandium	45-1	2430850	2406090	2388654	2408531	0.88	cps
Scandium	45-2	92693	92489	91972	92384	0.40	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	39	39	36	38	4.56	cps
Selenium	82-1	-97	31	-25	-30	-211.57	cps
Silicon	28-1	895335	890017	907824	897725	1.02	cps
Silver	109-1	58	8	17	28	96.44	cps
Silver	107-1	42	17	33	31	41.66	cps
Sodium	23-2	40256	39195	39822	39758	1.34	cps
Strontium	86-1	667	642	692	667	3.75	cps
Strontium	88-1	175	267	142	194	33.29	cps
Sulfur	34-1	547397	543289	541416	544034	0.56	cps
Terbium	159-1	3914794	3856427	3829713	3866978	1.13	cps
Terbium	159-2	1669638	1622361	1646045	1646015	1.44	cps
Thallium	203-1	117	67	100	94	26.96	cps
Thallium	205-1	167	167	192	175	8.25	cps
Tin	118-1	208	158	175	181	14.10	cps
Titanium	47-1	392	292	283	322	18.71	cps
Uranium	238-1	17	0	17	11	86.60	cps
Vanadium	51-2	20	20	3	14	66.64	cps
Yttrium	89-1	5544374	5434891	5473743	5484336	1.01	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:05:41	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	601927	592372	605089	599796	1.10	cps
Zinc	66-2	117	73	90	93	23.42	cps
Zirconium	90-1	242	200	225	222	9.44	cps
Zirconium	91-1	75	58	8	47	73.48	cps

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 15:08:34 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1732501	1729168	1744868	1735512	0.48	cps
Antimony	121-1	3075	3559	3459	3364	7.59	cps
Arsenic	75-2	43	21	18	28	49.81	cps
Barium	135-1	775	833	917	842	8.46	cps
Barium	137-1	1558	1517	1325	1467	8.49	cps
Beryllium	9-1	284	273	303	287	5.31	cps
Bismuth	209-1	2074895	2105577	2082558	2087677	0.76	cps
Bismuth	209-2	1136119	1108619	1110240	1118326	1.38	cps
Boron	11-1	2672	2486	2540	2566	3.73	cps
Boron	10-1	600	504	510	538	10.00	cps
Bromine	81-1	3514	3324	3564	3467	3.66	cps
Cadmium	106-1	1183	1158	1217	1186	2.47	cps
Cadmium	108-1	450	463	429	447	3.76	cps
Cadmium	111-1	959	1091	1030	1027	6.44	cps
Calcium	43-1	712104	718642	722517	717754	0.73	cps
Calcium	44-1	11465412	11725681	11851784	11680959	1.69	cps
Chromium	52-2	16042	16213	16747	16334	2.25	cps
Cobalt	59-2	1703	1540	1643	1629	5.07	cps
Copper	63-2	9692	9807	9777	9759	0.61	cps
Dysprosium	156-1	17	33	33	28	34.63	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	25	42	33	33	25.01	cps
Erbium	164-2	10	7	20	12	56.76	cps
Gadolinium	160-1	0	25	25	17	86.60	cps
Gadolinium	160-2	13	23	17	18	28.64	cps
Holmium	165-1	3716859	3764676	3774395	3751977	0.82	cps
Holmium	165-2	1708532	1652457	1647423	1669471	2.03	cps
Indium	115-1	3588482	3679604	3669914	3646000	1.37	cps
Indium	115-2	564434	544963	540122	549840	2.34	cps
Iron	54-2	3339049	3323628	3339820	3334166	0.27	cps
Iron	56-2	59365935	60294435	59067319	59575896	1.07	cps
Iron	57-2	1477555	1512037	1495901	1495164	1.15	cps
Krypton	83-1	350	343	450	381	15.68	cps
Lead	207-1	5051	5979	5968	5666	9.40	cps
Lead	208-1	5703	5137	5947	5596	7.42	cps
Lead	206-1	6746	7091	7363	7067	4.38	cps

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 15:08:34 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1216572	1227517	1201064	1215051	1.09	cps
Magnesium	24-2	5166375	5254204	5197606	5206062	0.86	cps
Manganese	55-2	2774	3020	3034	2943	4.98	cps
Molybdenum	94-1	1533659	1525670	1472950	1510759	2.18	cps
Molybdenum	95-1	2686977	2673576	2653719	2671424	0.63	cps
Molybdenum	96-1	2803849	2857341	2802929	2821373	1.10	cps
Molybdenum	97-1	1626478	1643029	1634011	1634506	0.51	cps
Molybdenum	98-1	4132332	4216175	4150100	4166202	1.06	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	7	10	6	91.64	cps
Nickel	60-2	2110	2197	2324	2210	4.86	cps
Phosphorus	31-2	123355	124263	126196	124605	1.16	cps
Potassium	39-2	4345517	4330669	4355216	4343801	0.28	cps
Rhodium	103-1	3447704	3514381	3505595	3489226	1.04	cps
Rhodium	103-2	1590640	1525402	1543158	1553067	2.17	cps
Scandium	45-1	2435309	2493459	2461578	2463449	1.18	cps
Scandium	45-2	95048	93119	92388	93518	1.47	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	42	49	43	45	8.49	cps
Selenium	82-1	50	27	-39	13	362.86	cps
Silicon	28-1	986945	992748	969656	983116	1.22	cps
Silver	109-1	108	75	75	86	22.35	cps
Silver	107-1	50	92	192	111	65.53	cps
Sodium	23-2	10603731	10761660	10753255	10706216	0.83	cps
Strontium	86-1	31319	30634	31653	31202	1.66	cps
Strontium	88-1	255436	263706	265574	261572	2.06	cps
Sulfur	34-1	1427579	1414049	1408290	1416639	0.70	cps
Terbium	159-1	3975480	4024836	3916954	3972423	1.36	cps
Terbium	159-2	1679549	1671953	1617120	1656207	2.06	cps
Thallium	203-1	250	283	342	292	15.91	cps
Thallium	205-1	433	642	625	567	20.43	cps
Tin	118-1	767	692	708	722	5.45	cps
Titanium	47-1	764826	779021	780979	774942	1.14	cps
Uranium	238-1	108	58	75	81	31.60	cps
Vanadium	51-2	120	100	117	112	9.55	cps
Yttrium	89-1	5593690	5643842	5636722	5624751	0.48	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:08:34	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	623324	605117	599602	609348	2.04	cps
Zinc	66-2	1573	1540	1593	1569	1.72	cps
Zirconium	90-1	408	408	358	392	7.37	cps
Zirconium	91-1	67	75	50	64	19.92	cps

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 15:11:23 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1757370	1729911	1779567	1755616	1.42	cps
Antimony	121-1	60442	62292	61020	61252	1.55	cps
Arsenic	75-2	2236	2222	2064	2174	4.40	cps
Barium	135-1	11906	12915	13123	12648	5.15	cps
Barium	137-1	22027	22494	21326	21949	2.68	cps
Beryllium	9-1	12077	12345	12376	12266	1.34	cps
Bismuth	209-1	2144489	2136441	2107243	2129391	0.92	cps
Bismuth	209-2	1108127	1066044	1090018	1088063	1.94	cps
Boron	11-1	13131	13806	14750	13896	5.85	cps
Boron	10-1	2626	2868	2936	2810	5.80	cps
Bromine	81-1	3484	3574	3704	3587	3.09	cps
Cadmium	106-1	2742	2967	2984	2898	4.66	cps
Cadmium	108-1	1442	1463	1463	1456	0.83	cps
Cadmium	111-1	13299	13930	14584	13938	4.61	cps
Calcium	43-1	701965	720523	722155	714881	1.57	cps
Calcium	44-1	11591764	11806523	11776058	11724782	0.99	cps
Chromium	52-2	32590	32380	32727	32566	0.54	cps
Cobalt	59-2	30182	29992	30683	30286	1.18	cps
Copper	63-2	30205	30435	30568	30403	0.60	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	75	33	17	42	72.11	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	33	58	50	47	26.97	cps
Gadolinium	160-2	27	13	7	16	65.47	cps
Holmium	165-1	3807061	3890313	3905517	3867630	1.37	cps
Holmium	165-2	1678520	1599863	1671704	1650029	2.64	cps
Indium	115-1	3744709	3653575	3741373	3713219	1.39	cps
Indium	115-2	557600	529656	549395	545550	2.63	cps
Iron	54-2	3325406	3331748	3310929	3322694	0.32	cps
Iron	56-2	60060192	60606821	60037553	60234855	0.54	cps
Iron	57-2	1516297	1553720	1506283	1525433	1.64	cps
Krypton	83-1	360	373	393	376	4.47	cps
Lead	207-1	29306	29450	28732	29163	1.30	cps
Lead	208-1	28444	27711	28691	28282	1.80	cps
Lead	206-1	34719	36201	34903	35274	2.29	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:11:23	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1242457	1271005	1220961	1244808	2.02	cps
Magnesium	24-2	5264185	5254477	5305520	5274727	0.51	cps
Manganese	55-2	10270	10134	10320	10242	0.94	cps
Molybdenum	94-1	1559824	1601819	1594049	1585231	1.41	cps
Molybdenum	95-1	2612977	2690727	2693084	2665596	1.71	cps
Molybdenum	96-1	2761827	2868144	2854342	2828104	2.04	cps
Molybdenum	97-1	1626796	1658047	1624117	1636320	1.15	cps
Molybdenum	98-1	4111227	4264913	4186178	4187440	1.84	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	9707	10024	10040	9924	1.89	cps
Phosphorus	31-2	126229	124624	127104	125986	1.00	cps
Potassium	39-2	4365306	4401743	4280402	4349150	1.43	cps
Rhodium	103-1	3587597	3541304	3600294	3576399	0.87	cps
Rhodium	103-2	1559166	1499526	1552747	1537146	2.13	cps
Scandium	45-1	2613380	2512760	2583078	2569739	2.01	cps
Scandium	45-2	94574	88689	93693	92319	3.44	cps
Selenium	77-2	30	30	27	29	6.65	cps
Selenium	78-2	127	141	148	139	7.71	cps
Selenium	82-1	917	964	1022	967	5.43	cps
Silicon	28-1	1035334	1067279	1063852	1055488	1.66	cps
Silver	109-1	57621	58650	60115	58795	2.13	cps
Silver	107-1	59922	63237	62115	61758	2.73	cps
Sodium	23-2	10796217	10674601	10850359	10773726	0.84	cps
Strontium	86-1	70997	71760	72965	71907	1.38	cps
Strontium	88-1	596783	611286	612389	606820	1.44	cps
Sulfur	34-1	1384549	1412878	1387046	1394824	1.12	cps
Terbium	159-1	4089683	4033936	4112467	4078695	0.99	cps
Terbium	159-2	1696355	1576484	1638292	1637043	3.66	cps
Thallium	203-1	34580	35098	34789	34822	0.75	cps
Thallium	205-1	81782	82261	81657	81900	0.39	cps
Tin	118-1	91581	93561	93167	92770	1.13	cps
Titanium	47-1	770283	793086	794417	785929	1.73	cps
Uranium	238-1	215632	218961	215328	216640	0.93	cps
Vanadium	51-2	13543	13476	13607	13542	0.48	cps
Yttrium	89-1	5776263	5645514	5866569	5762782	1.93	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:11:23	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	615918	589279	610043	605080	2.31	cps
Zinc	66-2	4514	4651	4344	4503	3.41	cps
Zirconium	90-1	207488	215337	211967	211597	1.86	cps
Zirconium	91-1	47147	46737	47607	47164	0.92	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:33:29	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	908425	924186	915789	916133	0.86	cps
Antimony	121-1	1482033	1489051	1502325	1491137	0.69	cps
Arsenic	75-2	49364	50000	49295	49553	0.78	cps
Barium	135-1	1511942	1519173	1520651	1517255	0.31	cps
Barium	137-1	2579018	2590369	2632829	2600739	1.09	cps
Beryllium	9-1	308260	312812	311340	310804	0.75	cps
Bismuth	209-1	2171015	2071467	2055236	2099239	2.99	cps
Bismuth	209-2	1181500	1138084	1111783	1143789	3.08	cps
Boron	11-1	109715	124091	131325	121710	9.04	cps
Boron	10-1	21355	24453	26368	24059	10.51	cps
Bromine	81-1	2833	3053	3094	2993	4.68	cps
Cadmium	106-1	34820	35647	35714	35393	1.41	cps
Cadmium	108-1	23562	24071	24413	24015	1.78	cps
Cadmium	111-1	328803	331283	331419	330502	0.45	cps
Calcium	43-1	1883074	1911113	1870558	1888249	1.10	cps
Calcium	44-1	30488714	31136336	30957462	30860837	1.08	cps
Chromium	52-2	419345	423052	426788	423062	0.88	cps
Cobalt	59-2	714243	721859	723423	719842	0.68	cps
Copper	63-2	5411520	5478217	5462785	5450841	0.64	cps
Dysprosium	156-1	133	100	100	111	17.32	cps
Dysprosium	156-2	47	37	33	39	17.85	cps
Erbium	164-1	8	42	17	22	78.07	cps
Erbium	164-2	27	3	17	16	75.27	cps
Gadolinium	160-1	125	75	100	100	25.00	cps
Gadolinium	160-2	83	73	37	64	38.12	cps
Holmium	165-1	3856994	3796160	3800535	3817896	0.89	cps
Holmium	165-2	1816476	1756367	1694494	1755779	3.47	cps
Indium	115-1	3810659	3695277	3665173	3723703	2.06	cps
Indium	115-2	583367	563422	543412	563400	3.55	cps
Iron	54-2	4309684	4404287	4399755	4371242	1.22	cps
Iron	56-2	78789341	79897830	79802332	79496501	0.77	cps
Iron	57-2	1998814	2043256	1997867	2013312	1.29	cps
Krypton	83-1	317	347	380	348	9.11	cps
Lead	207-1	3368029	3404143	3396215	3389462	0.56	cps
Lead	208-1	3059905	2912818	2924111	2965611	2.76	cps
Lead	206-1	3741121	3770740	3792307	3768056	0.68	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:33:29	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1199053	1200934	1170657	1190215	1.43	cps
Magnesium	24-2	14200660	14341491	14267759	14269970	0.49	cps
Manganese	55-2	2036387	2023330	2027001	2028906	0.33	cps
Molybdenum	94-1	2818782	2889328	2901206	2869772	1.55	cps
Molybdenum	95-1	3517876	3567399	3597762	3561012	1.13	cps
Molybdenum	96-1	3883563	3861497	3927933	3890998	0.87	cps
Molybdenum	97-1	2186143	2199247	2181909	2189100	0.41	cps
Molybdenum	98-1	5575659	5598105	5563016	5578927	0.32	cps
Neodymium	150-1	67	87	53	69	24.36	cps
Neodymium	150-2	13	10	3	9	57.30	cps
Nickel	60-2	194149	198731	195755	196212	1.19	cps
Phosphorus	31-2	13890	14091	13674	13885	1.50	cps
Potassium	39-2	5621806	5636027	5695615	5651149	0.69	cps
Rhodium	103-1	3610611	3496576	3389447	3498878	3.16	cps
Rhodium	103-2	1592445	1591331	1517371	1567049	2.75	cps
Scandium	45-1	2551115	2483527	2460632	2498425	1.88	cps
Scandium	45-2	100183	95931	94435	96850	3.08	cps
Selenium	77-2	623	793	740	719	12.09	cps
Selenium	78-2	2465	2483	2485	2478	0.44	cps
Selenium	82-1	23732	23628	23802	23721	0.37	cps
Silicon	28-1	1820653	1880984	1980822	1894153	4.27	cps
Silver	109-1	1548390	1570028	1563860	1560759	0.71	cps
Silver	107-1	1658481	1627025	1646796	1644101	0.97	cps
Sodium	23-2	26120706	26204007	26209088	26177934	0.19	cps
Strontium	86-1	461034	465961	471636	466210	1.14	cps
Strontium	88-1	3944428	3897783	3972915	3938375	0.96	cps
Sulfur	34-1	653117	657195	657248	655854	0.36	cps
Terbium	159-1	4130329	4001344	3960415	4030696	2.20	cps
Terbium	159-2	1790348	1722395	1667606	1726783	3.56	cps
Thallium	203-1	870100	869276	873807	871061	0.28	cps
Thallium	205-1	2088510	2102057	2114390	2101652	0.62	cps
Tin	118-1	1041999	1059654	1047765	1049806	0.86	cps
Titanium	47-1	995083	1011321	1020978	1009127	1.30	cps
Uranium	238-1	2513197	2454057	2478326	2481860	1.20	cps
Vanadium	51-2	349625	354227	357174	353675	1.08	cps
Yttrium	89-1	5706323	5535726	5590427	5610826	1.55	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:33:29	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	650974	636965	606163	631367	3.63	cps
Zinc	66-2	737054	749396	746873	744441	0.88	cps
Zirconium	90-1	2395620	2380358	2454846	2410274	1.63	cps
Zirconium	91-1	535616	541924	552871	543470	1.61	cps

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : CCB30 Instrumnet Name : P8
 Client Sample ID : CCB30 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 15:41:07 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367	424	386	392	7.30	cps
Antimony	121-1	133	125	158	139	12.49	cps
Arsenic	75-2	3	8	1	4	92.45	cps
Barium	135-1	50	0	8	19	137.78	cps
Barium	137-1	33	42	50	42	20.00	cps
Beryllium	9-1	103	149	133	129	18.10	cps
Bismuth	209-1	2094219	2105627	2105532	2101793	0.31	cps
Bismuth	209-2	1111274	1145315	1113708	1123433	1.69	cps
Boron	11-1	3780	3608	3710	3699	2.34	cps
Boron	10-1	748	740	716	735	2.27	cps
Bromine	81-1	2913	2663	3114	2897	7.79	cps
Cadmium	106-1	975	1200	1075	1083	10.41	cps
Cadmium	108-1	0	8	17	8	100.02	cps
Cadmium	111-1	687	855	774	772	10.91	cps
Calcium	43-1	277	260	284	274	4.50	cps
Calcium	44-1	17679	17520	17587	17595	0.45	cps
Chromium	52-2	593	593	647	611	5.04	cps
Cobalt	59-2	83	77	87	82	6.19	cps
Copper	63-2	1168	1134	1064	1122	4.71	cps
Dysprosium	156-1	33	0	8	14	124.91	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	8	58	25	31	83.32	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	25	42	67	44	47.19	cps
Gadolinium	160-2	13	10	10	11	17.30	cps
Holmium	165-1	3654050	3750689	3723527	3709422	1.34	cps
Holmium	165-2	1615128	1705285	1626573	1648995	2.98	cps
Indium	115-1	3632524	3627400	3695434	3651786	1.04	cps
Indium	115-2	548257	556942	541418	548873	1.42	cps
Iron	54-2	456	372	389	406	10.87	cps
Iron	56-2	3323	2939	3528	3263	9.16	cps
Iron	57-2	94	133	139	122	19.81	cps
Krypton	83-1	513	520	410	481	12.82	cps
Lead	207-1	356	344	339	346	2.45	cps
Lead	208-1	227	293	251	257	13.06	cps
Lead	206-1	439	400	367	402	8.99	cps

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : CCB30 Instrumnet Name : P8
 Client Sample ID : CCB30 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 15:41:07 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1157575	1157586	1162167	1159109	0.23	cps
Magnesium	24-2	692	508	667	622	15.98	cps
Manganese	55-2	140	150	153	148	4.70	cps
Molybdenum	94-1	158	117	108	128	20.96	cps
Molybdenum	95-1	125	42	67	78	54.98	cps
Molybdenum	96-1	100	108	108	106	4.56	cps
Molybdenum	97-1	25	50	25	33	43.30	cps
Molybdenum	98-1	192	75	92	119	52.83	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	270	307	317	298	8.25	cps
Phosphorus	31-2	233	167	275	225	24.29	cps
Potassium	39-2	26750	28120	27126	27332	2.59	cps
Rhodium	103-1	3489221	3521653	3560590	3523821	1.01	cps
Rhodium	103-2	1559769	1583528	1551909	1565069	1.05	cps
Scandium	45-1	2431317	2421316	2444033	2432222	0.47	cps
Scandium	45-2	90677	92636	90074	91129	1.47	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	51	36	41	43	17.91	cps
Selenium	82-1	-71	-158	-4	-78	-99.49	cps
Silicon	28-1	888438	901301	881826	890522	1.11	cps
Silver	109-1	58	33	33	42	34.64	cps
Silver	107-1	50	58	58	56	8.67	cps
Sodium	23-2	40950	41702	41652	41434	1.01	cps
Strontium	86-1	733	708	625	689	8.23	cps
Strontium	88-1	208	233	167	203	16.61	cps
Sulfur	34-1	527056	526231	531117	528135	0.50	cps
Terbium	159-1	3883247	3867898	3921751	3890965	0.71	cps
Terbium	159-2	1622476	1685053	1593474	1633668	2.86	cps
Thallium	203-1	242	283	333	286	16.04	cps
Thallium	205-1	558	533	483	525	7.27	cps
Tin	118-1	242	192	267	233	16.37	cps
Titanium	47-1	325	425	367	372	13.49	cps
Uranium	238-1	33	17	25	25	33.32	cps
Vanadium	51-2	0	10	13	8	89.21	cps
Yttrium	89-1	5510586	5548264	5662633	5573828	1.42	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:41:07	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	590710	606544	591954	596403	1.48	cps
Zinc	66-2	73	113	117	101	23.85	cps
Zirconium	90-1	283	300	333	306	8.33	cps
Zirconium	91-1	67	58	67	64	7.54	cps

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 15:43:59 DataFile Name : 019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	911	707	665	761	17.29	cps
Antimony	121-1	4934	4476	4776	4729	4.92	cps
Arsenic	75-2	83	84	61	76	16.86	cps
Barium	135-1	4468	4417	5018	4634	7.19	cps
Barium	137-1	8028	8503	8211	8247	2.91	cps
Beryllium	9-1	600	579	642	607	5.21	cps
Bismuth	209-1	2112509	2156272	2143948	2137577	1.06	cps
Bismuth	209-2	1095052	1136346	1140897	1124099	2.25	cps
Boron	11-1	6554	7012	7494	7020	6.70	cps
Boron	10-1	1228	1354	1572	1384	12.57	cps
Bromine	81-1	2553	3094	2943	2863	9.75	cps
Cadmium	106-1	1267	1300	1242	1270	2.31	cps
Cadmium	108-1	63	58	54	58	7.14	cps
Cadmium	111-1	1614	1598	1586	1599	0.89	cps
Calcium	43-1	3215	3149	3279	3214	2.02	cps
Calcium	44-1	65746	66964	66872	66527	1.02	cps
Chromium	52-2	1943	1950	1893	1929	1.61	cps
Cobalt	59-2	1417	1180	1283	1293	9.17	cps
Copper	63-2	3245	2972	2772	2996	7.92	cps
Dysprosium	156-1	50	8	8	22	108.27	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	0	17	17	99.99	cps
Erbium	164-2	30	13	10	18	60.28	cps
Gadolinium	160-1	50	17	25	31	56.77	cps
Gadolinium	160-2	7	13	10	10	33.30	cps
Holmium	165-1	3704566	3801028	3782438	3762677	1.36	cps
Holmium	165-2	1596049	1646550	1667756	1636785	2.25	cps
Indium	115-1	3711889	3700107	3731613	3714536	0.43	cps
Indium	115-2	543029	556726	563751	554502	1.90	cps
Iron	54-2	2467	1956	1856	2093	15.67	cps
Iron	56-2	34590	30928	29531	31683	8.25	cps
Iron	57-2	894	783	778	819	8.04	cps
Krypton	83-1	347	360	397	368	7.04	cps
Lead	207-1	1267	1372	1322	1320	4.00	cps
Lead	208-1	1360	1222	1216	1266	6.44	cps
Lead	206-1	1550	1372	1572	1498	7.32	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:43:59	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1165194	1151622	1169498	1162105	0.80	cps
Magnesium	24-2	25189	22893	23820	23968	4.82	cps
Manganese	55-2	720	513	470	568	23.53	cps
Molybdenum	94-1	4976	4868	4876	4907	1.23	cps
Molybdenum	95-1	5893	5401	5843	5712	4.74	cps
Molybdenum	96-1	6618	6818	6202	6546	4.81	cps
Molybdenum	97-1	3334	3651	3392	3459	4.87	cps
Molybdenum	98-1	9395	9353	9045	9264	2.07	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	617	630	660	636	3.49	cps
Phosphorus	31-2	308	225	283	272	15.71	cps
Potassium	39-2	46551	46124	45246	45974	1.45	cps
Rhodium	103-1	3536163	3604421	3612275	3584286	1.17	cps
Rhodium	103-2	1550547	1603878	1615546	1589990	2.18	cps
Scandium	45-1	2432428	2440617	2482004	2451683	1.08	cps
Scandium	45-2	91098	94583	94505	93395	2.13	cps
Selenium	77-2	17	17	3	12	63.01	cps
Selenium	78-2	71	67	69	69	2.90	cps
Selenium	82-1	226	202	206	211	6.20	cps
Silicon	28-1	898812	906383	918322	907839	1.08	cps
Silver	109-1	2650	2675	2809	2711	3.14	cps
Silver	107-1	2925	2592	2767	2761	6.04	cps
Sodium	23-2	86464	83849	86020	85444	1.64	cps
Strontium	86-1	1483	1492	1458	1478	1.17	cps
Strontium	88-1	6018	6535	6802	6452	6.18	cps
Sulfur	34-1	530833	526143	528261	528412	0.44	cps
Terbium	159-1	3991183	3955670	3974365	3973739	0.45	cps
Terbium	159-2	1631216	1658437	1637874	1642509	0.86	cps
Thallium	203-1	1367	1842	1625	1611	14.76	cps
Thallium	205-1	4009	3834	3859	3901	2.43	cps
Tin	118-1	8853	8953	9012	8939	0.90	cps
Titanium	47-1	1834	1800	1959	1864	4.48	cps
Uranium	238-1	3601	4042	3559	3734	7.18	cps
Vanadium	51-2	2874	2910	2874	2886	0.73	cps
Yttrium	89-1	5758099	5727831	5628202	5704711	1.19	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:43:59	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	588353	613624	608725	603568	2.22	cps
Zinc	66-2	363	360	297	340	11.05	cps
Zirconium	90-1	4126	4017	4051	4065	1.37	cps
Zirconium	91-1	917	925	1017	953	5.82	cps

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : PB133302BL Instrumnet Name : P8
 Client Sample ID : PB133302BL Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 15:46:52 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	365	407	390	387	5.51	cps
Antimony	121-1	67	50	133	83	52.92	cps
Arsenic	75-2	8	2	5	5	60.02	cps
Barium	135-1	42	0	8	17	132.30	cps
Barium	137-1	67	42	25	44	47.19	cps
Beryllium	9-1	132	127	119	126	5.09	cps
Bismuth	209-1	1984412	2097751	2042745	2041636	2.78	cps
Bismuth	209-2	1121510	1123339	1125526	1123459	0.18	cps
Boron	11-1	3138	2952	2876	2988	4.51	cps
Boron	10-1	600	662	524	595	11.61	cps
Bromine	81-1	3074	3114	3244	3144	2.83	cps
Cadmium	106-1	1042	1167	1258	1156	9.41	cps
Cadmium	108-1	8	17	8	11	43.34	cps
Cadmium	111-1	744	822	888	818	8.77	cps
Calcium	43-1	272	305	291	290	5.63	cps
Calcium	44-1	17430	17430	17377	17412	0.17	cps
Chromium	52-2	580	563	570	571	1.47	cps
Cobalt	59-2	70	77	93	80	15.02	cps
Copper	63-2	961	961	1077	1000	6.70	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	17	25	17	19	24.73	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	17	17	42	25	57.73	cps
Gadolinium	160-2	10	3	23	12	83.33	cps
Holmium	165-1	3601665	3686257	3542048	3609990	2.01	cps
Holmium	165-2	1655613	1701235	1649212	1668687	1.70	cps
Indium	115-1	3575211	3616796	3662117	3618041	1.20	cps
Indium	115-2	554622	551739	555653	554005	0.37	cps
Iron	54-2	456	456	356	422	13.67	cps
Iron	56-2	3206	3412	3084	3234	5.12	cps
Iron	57-2	117	111	189	139	31.24	cps
Krypton	83-1	363	473	377	404	14.84	cps
Lead	207-1	306	356	400	354	13.36	cps
Lead	208-1	317	186	209	237	29.47	cps
Lead	206-1	300	261	339	300	12.96	cps

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : PB133302BL Instrumnet Name : P8
 Client Sample ID : PB133302BL Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 15:46:52 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1129567	1148439	1129997	1136001	0.95	cps
Magnesium	24-2	700	600	692	664	8.36	cps
Manganese	55-2	93	130	80	101	25.61	cps
Molybdenum	94-1	133	83	158	125	30.55	cps
Molybdenum	95-1	58	17	33	36	58.07	cps
Molybdenum	96-1	50	67	92	69	30.20	cps
Molybdenum	97-1	33	17	17	22	43.28	cps
Molybdenum	98-1	50	25	50	42	34.64	cps
Neodymium	150-1	27	7	13	16	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	317	290	360	322	10.96	cps
Phosphorus	31-2	100	225	225	183	39.37	cps
Potassium	39-2	27276	27126	27360	27254	0.43	cps
Rhodium	103-1	3482581	3576648	3491334	3516855	1.48	cps
Rhodium	103-2	1574754	1570075	1606357	1583729	1.25	cps
Scandium	45-1	2339956	2426762	2397392	2388037	1.85	cps
Scandium	45-2	91610	92959	92106	92225	0.74	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	36	41	52	43	19.05	cps
Selenium	82-1	74	-65	53	21	361.32	cps
Silicon	28-1	864200	902507	910718	892475	2.78	cps
Silver	109-1	8	33	33	25	57.74	cps
Silver	107-1	75	33	33	47	50.95	cps
Sodium	23-2	41192	39738	39805	40245	2.04	cps
Strontium	86-1	725	792	700	739	6.41	cps
Strontium	88-1	100	150	175	142	26.96	cps
Sulfur	34-1	530709	529848	530082	530213	0.08	cps
Terbium	159-1	3703950	3860569	3895834	3820118	2.67	cps
Terbium	159-2	1649583	1663039	1621983	1644868	1.27	cps
Thallium	203-1	183	108	108	133	32.47	cps
Thallium	205-1	383	408	267	353	21.43	cps
Tin	118-1	258	225	300	261	14.39	cps
Titanium	47-1	383	367	308	353	11.16	cps
Uranium	238-1	42	25	8	25	66.68	cps
Vanadium	51-2	20	7	10	12	56.76	cps
Yttrium	89-1	5502999	5630822	5467072	5533631	1.56	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	PB133302BL	Instrumnet Name :	P8
Client Sample ID :	PB133302BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:46:52	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	607716	601821	602618	604052	0.53	cps
Zinc	66-2	113	53	67	78	40.51	cps
Zirconium	90-1	258	258	275	264	3.65	cps
Zirconium	91-1	58	75	42	58	28.57	cps

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : PB133302BS Instrumnet Name : P8
 Client Sample ID : PB133302BS Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 15:49:43 DataFile Name : 021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1079	1017	1035	1044	3.02	cps
Antimony	121-1	10955	11188	10955	11033	1.22	cps
Arsenic	75-2	204	195	222	207	6.68	cps
Barium	135-1	10179	11180	10855	10738	4.75	cps
Barium	137-1	18288	19256	18872	18805	2.59	cps
Beryllium	9-1	1273	1189	1197	1220	3.80	cps
Bismuth	209-1	2127900	2096990	2065696	2096862	1.48	cps
Bismuth	209-2	1132346	1139739	1152198	1141428	0.88	cps
Boron	11-1	9881	11360	12551	11264	11.87	cps
Boron	10-1	1930	2114	2550	2198	14.49	cps
Bromine	81-1	3053	3003	2913	2990	2.38	cps
Cadmium	106-1	1275	1308	1058	1214	11.18	cps
Cadmium	108-1	83	75	158	106	43.48	cps
Cadmium	111-1	2280	2093	1984	2119	7.06	cps
Calcium	43-1	6697	6903	6793	6798	1.52	cps
Calcium	44-1	124933	127031	127970	126645	1.23	cps
Chromium	52-2	3544	3701	3627	3624	2.16	cps
Cobalt	59-2	2747	2680	2537	2655	4.04	cps
Copper	63-2	4985	5031	4875	4964	1.61	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	17	25	0	14	91.65	cps
Gadolinium	160-2	10	7	10	9	21.63	cps
Holmium	165-1	3800235	3668866	3630909	3700003	2.40	cps
Holmium	165-2	1660727	1689254	1689716	1679899	0.99	cps
Indium	115-1	3644328	3640986	3552052	3612455	1.45	cps
Indium	115-2	549757	560773	563205	557911	1.28	cps
Iron	54-2	11827	12567	12795	12396	4.08	cps
Iron	56-2	220383	216656	217326	218122	0.91	cps
Iron	57-2	5234	5423	5240	5299	2.03	cps
Krypton	83-1	413	420	437	423	2.84	cps
Lead	207-1	2495	2578	2484	2519	2.05	cps
Lead	208-1	2373	2470	2284	2375	3.92	cps
Lead	206-1	3006	2984	2967	2986	0.65	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	PB133302BS	Instrumnet Name :	P8
Client Sample ID :	PB133302BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:49:43	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1154489	1159735	1129096	1147773	1.43	cps
Magnesium	24-2	52687	51567	50964	51739	1.69	cps
Manganese	55-2	877	903	887	889	1.52	cps
Molybdenum	94-1	10371	10096	10087	10184	1.58	cps
Molybdenum	95-1	12556	12439	13332	12776	3.80	cps
Molybdenum	96-1	14016	13582	14241	13946	2.40	cps
Molybdenum	97-1	7069	7469	7927	7488	5.74	cps
Molybdenum	98-1	19306	20098	19873	19759	2.07	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1037	977	913	976	6.32	cps
Phosphorus	31-2	183	217	233	211	12.06	cps
Potassium	39-2	68295	69200	67977	68491	0.93	cps
Rhodium	103-1	3559775	3577580	3521453	3552936	0.81	cps
Rhodium	103-2	1575041	1597633	1602009	1591561	0.91	cps
Scandium	45-1	2418106	2446763	2412578	2425816	0.76	cps
Scandium	45-2	91975	92808	92855	92546	0.53	cps
Selenium	77-2	20	17	10	16	32.73	cps
Selenium	78-2	95	100	91	95	4.73	cps
Selenium	82-1	422	410	446	426	4.34	cps
Silicon	28-1	926241	930380	926191	927604	0.26	cps
Silver	109-1	6010	5935	5751	5899	2.25	cps
Silver	107-1	6026	6185	6026	6079	1.50	cps
Sodium	23-2	143130	141944	138469	141181	1.72	cps
Strontium	86-1	2334	2634	2384	2450	6.56	cps
Strontium	88-1	14533	14049	14374	14319	1.72	cps
Sulfur	34-1	535595	532795	531358	533249	0.40	cps
Terbium	159-1	3895940	4023757	3811178	3910291	2.74	cps
Terbium	159-2	1655684	1658832	1648533	1654350	0.32	cps
Thallium	203-1	3125	3017	2992	3045	2.33	cps
Thallium	205-1	7427	7611	7994	7677	3.77	cps
Tin	118-1	18588	18780	18505	18624	0.76	cps
Titanium	47-1	3976	3692	3984	3884	4.28	cps
Uranium	238-1	8053	8386	8712	8384	3.93	cps
Vanadium	51-2	6415	5978	6171	6188	3.54	cps
Yttrium	89-1	5524249	5476604	5565222	5522025	0.80	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	PB133302BS	Instrumnet Name :	P8
Client Sample ID :	PB133302BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:49:43	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	599119	607373	606582	604358	0.75	cps
Zinc	66-2	593	537	620	583	7.30	cps
Zirconium	90-1	8628	9103	8645	8792	3.07	cps
Zirconium	91-1	2042	1967	1950	1986	2.46	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-01	Instrumnet Name :	P8
Client Sample ID :	MH0AA3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:52:36	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	322854	318683	318294	319944	0.79	cps
Antimony	121-1	23746	24406	24873	24342	2.33	cps
Arsenic	75-2	6169	5978	5921	6023	2.15	cps
Barium	135-1	396394	415036	400767	404066	2.41	cps
Barium	137-1	685598	709647	698723	697989	1.73	cps
Beryllium	9-1	1354	1260	1375	1329	4.61	cps
Bismuth	209-1	2152088	2152408	2294996	2199831	3.75	cps
Bismuth	209-2	1176057	1188057	1193158	1185757	0.74	cps
Boron	11-1	8917	10079	10398	9798	7.95	cps
Boron	10-1	1776	1976	2090	1947	8.16	cps
Bromine	81-1	6148	7219	7570	6979	10.62	cps
Cadmium	106-1	2009	1984	2042	2011	1.45	cps
Cadmium	108-1	496	625	642	588	13.59	cps
Cadmium	111-1	8511	8895	8945	8784	2.70	cps
Calcium	43-1	735834	757219	749117	747390	1.44	cps
Calcium	44-1	12167975	12340127	12262673	12256925	0.70	cps
Chromium	52-2	23045	23122	22344	22837	1.88	cps
Cobalt	59-2	27587	27684	26755	27342	1.87	cps
Copper	63-2	264459	262026	259171	261886	1.01	cps
Dysprosium	156-1	19782	20324	20633	20246	2.13	cps
Dysprosium	156-2	8386	8459	8289	8378	1.02	cps
Erbium	164-1	16319	16035	16561	16305	1.61	cps
Erbium	164-2	7339	7015	6812	7055	3.77	cps
Gadolinium	160-1	17737	18380	18614	18244	2.49	cps
Gadolinium	160-2	9380	9020	9290	9230	2.03	cps
Holmium	165-1	3792597	3782120	4039019	3871246	3.76	cps
Holmium	165-2	1762722	1771553	1738351	1757542	0.98	cps
Indium	115-1	3784523	3754714	3928520	3822586	2.43	cps
Indium	115-2	588678	593729	592028	591478	0.43	cps
Iron	54-2	1407922	1396968	1372750	1392547	1.29	cps
Iron	56-2	25461808	25628038	25049841	25379896	1.17	cps
Iron	57-2	634283	630994	622672	629316	0.95	cps
Krypton	83-1	443	437	477	452	4.74	cps
Lead	207-1	1354883	1368258	1345470	1356204	0.84	cps
Lead	208-1	1331202	1407747	1381322	1373424	2.83	cps
Lead	206-1	1592539	1625232	1603903	1607225	1.03	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-01	Instrumnet Name :	P8
Client Sample ID :	MH0AA3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:52:36	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1177575	1203439	1265293	1215436	3.71	cps
Magnesium	24-2	656290	646794	640822	647968	1.20	cps
Manganese	55-2	481970	472491	474445	476302	1.05	cps
Molybdenum	94-1	11764	12039	11855	11886	1.18	cps
Molybdenum	95-1	10087	10596	10204	10296	2.59	cps
Molybdenum	96-1	11714	12556	11980	12083	3.56	cps
Molybdenum	97-1	6135	6202	6343	6227	1.71	cps
Molybdenum	98-1	16185	16293	15601	16026	2.32	cps
Neodymium	150-1	31724	33281	31764	32257	2.75	cps
Neodymium	150-2	11071	10447	10628	10715	3.00	cps
Nickel	60-2	18939	18959	18606	18835	1.06	cps
Phosphorus	31-2	4718	4801	4959	4826	2.54	cps
Potassium	39-2	284245	280376	281847	282156	0.69	cps
Rhodium	103-1	3620645	3604753	3823371	3682923	3.31	cps
Rhodium	103-2	1656954	1646984	1665029	1656322	0.55	cps
Scandium	45-1	2528412	2492526	2752974	2591304	5.45	cps
Scandium	45-2	96828	98414	98008	97750	0.84	cps
Selenium	77-2	80	63	53	66	20.55	cps
Selenium	78-2	83	86	78	82	4.91	cps
Selenium	82-1	126	193	137	152	23.70	cps
Silicon	28-1	4262769	4428967	4359397	4350378	1.92	cps
Silver	109-1	12998	13040	12848	12962	0.78	cps
Silver	107-1	13607	14166	13323	13699	3.13	cps
Sodium	23-2	151312	152204	149493	151003	0.92	cps
Strontium	86-1	474344	484593	484924	481287	1.25	cps
Strontium	88-1	3899072	4176111	4078678	4051287	3.47	cps
Sulfur	34-1	576730	573663	570470	573621	0.55	cps
Terbium	159-1	4054595	4002690	4348697	4135327	4.51	cps
Terbium	159-2	1730805	1762417	1730375	1741199	1.06	cps
Thallium	203-1	2009	1900	1959	1956	2.77	cps
Thallium	205-1	4401	5143	5034	4859	8.25	cps
Tin	118-1	94098	96758	95466	95441	1.39	cps
Titanium	47-1	140922	142706	147033	143554	2.19	cps
Uranium	238-1	22646	23531	23088	23088	1.92	cps
Vanadium	51-2	51636	52171	52158	51989	0.59	cps
Yttrium	89-1	6068849	6110514	6334864	6171409	2.32	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-01	Instrumnet Name :	P8
Client Sample ID :	MH0AA3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:52:36	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	676144	674730	673671	674848	0.18	cps
Zinc	66-2	177379	177071	176404	176951	0.28	cps
Zirconium	90-1	16251	17987	16927	17055	5.13	cps
Zirconium	91-1	3876	3626	3809	3770	3.44	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-02	Instrumnet Name :	P8
Client Sample ID :	MH0AA4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:55:25	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	246970	243911	244718	245200	0.65	cps
Antimony	121-1	3826	4401	4109	4112	6.99	cps
Arsenic	75-2	3564	3609	3608	3594	0.70	cps
Barium	135-1	276733	285863	284438	282344	1.74	cps
Barium	137-1	478963	490580	493204	487582	1.55	cps
Beryllium	9-1	811	795	858	822	3.99	cps
Bismuth	209-1	2068232	2149722	2158548	2125501	2.34	cps
Bismuth	209-2	1161845	1117180	1138699	1139241	1.96	cps
Boron	11-1	4440	4468	4454	4454	0.31	cps
Boron	10-1	890	962	850	901	6.30	cps
Bromine	81-1	6669	7500	8001	7390	9.10	cps
Cadmium	106-1	1317	1367	1467	1383	5.52	cps
Cadmium	108-1	79	88	88	85	5.68	cps
Cadmium	111-1	1975	1875	2011	1954	3.62	cps
Calcium	43-1	1084156	1102730	1099591	1095492	0.91	cps
Calcium	44-1	17816894	18314419	18117610	18082974	1.39	cps
Chromium	52-2	13203	12913	13036	13050	1.12	cps
Cobalt	59-2	18429	18976	18706	18703	1.46	cps
Copper	63-2	57840	57522	56771	57378	0.96	cps
Dysprosium	156-1	17020	17687	17278	17328	1.94	cps
Dysprosium	156-2	7185	6742	7362	7096	4.50	cps
Erbium	164-1	13490	13749	13749	13663	1.09	cps
Erbium	164-2	6108	6085	5951	6048	1.40	cps
Gadolinium	160-1	15651	16068	15543	15754	1.76	cps
Gadolinium	160-2	8226	7892	8073	8064	2.07	cps
Holmium	165-1	3612918	3864332	3787112	3754787	3.43	cps
Holmium	165-2	1695521	1644646	1674236	1671468	1.53	cps
Indium	115-1	3628393	3826419	3869502	3774771	3.41	cps
Indium	115-2	585065	566948	582204	578072	1.68	cps
Iron	54-2	840975	844643	843329	842983	0.22	cps
Iron	56-2	15449986	15411864	15203886	15355246	0.86	cps
Iron	57-2	381142	387329	380580	383017	0.98	cps
Krypton	83-1	403	443	393	413	6.40	cps
Lead	207-1	43947	44660	44544	44384	0.86	cps
Lead	208-1	42640	43692	43791	43375	1.47	cps
Lead	206-1	53008	55720	55407	54712	2.71	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-02	Instrumnet Name :	P8
Client Sample ID :	MH0AA4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:55:25	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1218272	1254036	1287951	1253420	2.78	cps
Magnesium	24-2	515220	511836	515627	514227	0.40	cps
Manganese	55-2	207658	208254	206394	207436	0.46	cps
Molybdenum	94-1	5660	5985	5585	5743	3.70	cps
Molybdenum	95-1	3892	4534	3734	4053	10.45	cps
Molybdenum	96-1	5026	5118	5268	5137	2.38	cps
Molybdenum	97-1	2700	2417	2734	2617	6.65	cps
Molybdenum	98-1	6527	6819	6460	6602	2.89	cps
Neodymium	150-1	27361	28591	29098	28350	3.15	cps
Neodymium	150-2	9267	9310	8993	9190	1.87	cps
Nickel	60-2	10948	10487	10751	10729	2.15	cps
Phosphorus	31-2	3259	2975	3225	3153	4.91	cps
Potassium	39-2	173967	174987	174564	174506	0.29	cps
Rhodium	103-1	3455924	3655040	3645072	3585345	3.13	cps
Rhodium	103-2	1618732	1559285	1613918	1597312	2.07	cps
Scandium	45-1	2414965	2565423	2532925	2504438	3.16	cps
Scandium	45-2	96351	93119	95210	94893	1.73	cps
Selenium	77-2	40	40	33	38	10.19	cps
Selenium	78-2	71	60	58	63	11.11	cps
Selenium	82-1	88	16	91	65	65.38	cps
Silicon	28-1	4001662	4029074	4038234	4022990	0.47	cps
Silver	109-1	1192	1083	1258	1178	7.50	cps
Silver	107-1	1167	1158	1250	1192	4.25	cps
Sodium	23-2	79944	81402	81360	80902	1.03	cps
Strontium	86-1	225490	233840	235034	231455	2.25	cps
Strontium	88-1	1936012	1968146	1963636	1955931	0.89	cps
Sulfur	34-1	533186	521836	528656	527893	1.08	cps
Terbium	159-1	3906774	4033723	3985695	3975398	1.61	cps
Terbium	159-2	1681306	1612111	1682408	1658609	2.43	cps
Thallium	203-1	775	1000	1200	992	21.44	cps
Thallium	205-1	2517	2500	2725	2581	4.86	cps
Tin	118-1	3000	3334	3134	3156	5.32	cps
Titanium	47-1	85807	89169	87643	87540	1.92	cps
Uranium	238-1	15510	15685	16253	15816	2.45	cps
Vanadium	51-2	51593	51174	51077	51281	0.53	cps
Yttrium	89-1	5736752	6020368	6099262	5952127	3.20	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-02	Instrumnet Name :	P8
Client Sample ID :	MH0AA4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:55:25	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	659020	629980	646087	645029	2.26	cps
Zinc	66-2	20308	20124	19947	20127	0.90	cps
Zirconium	90-1	10513	10955	10571	10679	2.25	cps
Zirconium	91-1	2300	2384	2200	2295	4.00	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-03	Instrumnet Name :	P8
Client Sample ID :	MH0AA4D	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:58:15	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	245154	238795	244634	242861	1.45	cps
Antimony	121-1	4092	4142	4276	4170	2.27	cps
Arsenic	75-2	3612	3322	3461	3465	4.19	cps
Barium	135-1	276289	288998	282844	282710	2.25	cps
Barium	137-1	485944	493985	490267	490065	0.82	cps
Beryllium	9-1	839	785	813	812	3.32	cps
Bismuth	209-1	2111289	2134588	2317114	2187663	5.15	cps
Bismuth	209-2	1157142	1167627	1166945	1163905	0.50	cps
Boron	11-1	3396	3626	3502	3508	3.28	cps
Boron	10-1	702	708	758	723	4.25	cps
Bromine	81-1	7440	7490	8011	7647	4.13	cps
Cadmium	106-1	1217	1408	1625	1417	14.42	cps
Cadmium	108-1	63	58	104	75	33.80	cps
Cadmium	111-1	1904	1970	2144	2006	6.18	cps
Calcium	43-1	1098351	1113235	1094829	1102139	0.89	cps
Calcium	44-1	18060720	18519594	17441599	18007305	3.00	cps
Chromium	52-2	13009	12963	12489	12820	2.25	cps
Cobalt	59-2	19016	17808	18659	18494	3.36	cps
Copper	63-2	57879	55432	56421	56577	2.18	cps
Dysprosium	156-1	17512	17462	17186	17387	1.01	cps
Dysprosium	156-2	7105	6618	6838	6854	3.56	cps
Erbium	164-1	13657	13682	14341	13894	2.79	cps
Erbium	164-2	5945	5911	5768	5875	1.60	cps
Gadolinium	160-1	16152	16077	15693	15974	1.54	cps
Gadolinium	160-2	8126	7809	8026	7987	2.03	cps
Holmium	165-1	3670912	3734991	4164832	3856912	6.96	cps
Holmium	165-2	1705305	1721027	1750934	1725755	1.34	cps
Indium	115-1	3783659	3739288	4133044	3885330	5.55	cps
Indium	115-2	576469	592894	586412	585258	1.41	cps
Iron	54-2	842515	821966	839897	834793	1.34	cps
Iron	56-2	15276109	14969295	15291149	15178851	1.20	cps
Iron	57-2	384075	369096	381621	378264	2.12	cps
Krypton	83-1	450	433	443	442	1.90	cps
Lead	207-1	43902	44922	45496	44774	1.80	cps
Lead	208-1	44034	46963	43647	44881	4.04	cps
Lead	206-1	54688	55073	55011	54924	0.38	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-03	Instrumnet Name :	P8
Client Sample ID :	MH0AA4D	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:58:15	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1256814	1249210	1348100	1284708	4.28	cps
Magnesium	24-2	510605	498249	512834	507229	1.55	cps
Manganese	55-2	207077	200360	202194	203210	1.71	cps
Molybdenum	94-1	6126	5876	5918	5974	2.24	cps
Molybdenum	95-1	3992	4126	4076	4065	1.66	cps
Molybdenum	96-1	5134	5076	4884	5032	2.60	cps
Molybdenum	97-1	2617	2434	2417	2489	4.46	cps
Molybdenum	98-1	6235	7160	6277	6557	7.97	cps
Neodymium	150-1	28283	28464	28096	28281	0.65	cps
Neodymium	150-2	9467	9390	9223	9360	1.33	cps
Nickel	60-2	10908	10517	10978	10801	2.30	cps
Phosphorus	31-2	3217	3259	2900	3125	6.27	cps
Potassium	39-2	171664	169039	168678	169794	0.96	cps
Rhodium	103-1	3539607	3512234	3924161	3658667	6.30	cps
Rhodium	103-2	1620278	1624844	1619229	1621450	0.18	cps
Scandium	45-1	2466105	2501100	2626673	2531293	3.34	cps
Scandium	45-2	94808	97922	95696	96142	1.67	cps
Selenium	77-2	33	57	47	46	25.70	cps
Selenium	78-2	68	62	82	71	14.52	cps
Selenium	82-1	81	62	36	59	38.18	cps
Silicon	28-1	4006267	4154409	4032333	4064336	1.95	cps
Silver	109-1	958	1200	1267	1142	14.21	cps
Silver	107-1	1333	1317	1592	1414	10.91	cps
Sodium	23-2	81309	80975	81670	81318	0.43	cps
Strontium	86-1	230121	237638	230773	232844	1.79	cps
Strontium	88-1	1976617	1996914	1920456	1964663	2.02	cps
Sulfur	34-1	533263	533262	530643	532389	0.28	cps
Terbium	159-1	3933435	4003115	4370649	4102400	5.73	cps
Terbium	159-2	1689061	1734637	1731522	1718407	1.48	cps
Thallium	203-1	967	1092	933	997	8.37	cps
Thallium	205-1	2325	2417	2434	2392	2.44	cps
Tin	118-1	3342	3225	3309	3292	1.83	cps
Titanium	47-1	86058	90427	87517	88001	2.53	cps
Uranium	238-1	14976	15802	15919	15566	3.30	cps
Vanadium	51-2	51726	50405	51834	51322	1.55	cps
Yttrium	89-1	5791936	5877387	6389967	6019763	5.37	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-03	Instrumnet Name :	P8
Client Sample ID :	MH0AA4D	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 15:58:15	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	642453	668773	651390	654206	2.05	cps
Zinc	66-2	19323	18722	19620	19222	2.38	cps
Zirconium	90-1	10254	10771	10671	10565	2.60	cps
Zirconium	91-1	2659	2625	2525	2603	2.67	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-02LX5	Instrumnet Name :	P8
Client Sample ID :	MH0AA4L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-03 16:01:04	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45204	44687	45181	45024	0.65	cps
Antimony	121-1	700	867	800	789	10.63	cps
Arsenic	75-2	676	639	638	651	3.30	cps
Barium	135-1	50771	52167	51724	51554	1.38	cps
Barium	137-1	88246	91164	89076	89495	1.68	cps
Beryllium	9-1	229	224	253	235	6.48	cps
Bismuth	209-1	2135821	2107486	2082292	2108533	1.27	cps
Bismuth	209-2	1154561	1152839	1145634	1151011	0.41	cps
Boron	11-1	1960	2052	2072	2028	2.95	cps
Boron	10-1	474	420	456	450	6.11	cps
Bromine	81-1	4105	4365	4315	4262	3.24	cps
Cadmium	106-1	1250	1292	1275	1272	1.65	cps
Cadmium	108-1	38	21	21	26	36.47	cps
Cadmium	111-1	1020	1111	1032	1054	4.67	cps
Calcium	43-1	196073	202717	202314	200368	1.86	cps
Calcium	44-1	3269429	3427573	3415114	3370706	2.61	cps
Chromium	52-2	2980	2864	2994	2946	2.43	cps
Cobalt	59-2	3434	3187	3377	3333	3.88	cps
Copper	63-2	11435	11032	11237	11235	1.79	cps
Dysprosium	156-1	3351	3175	3134	3220	3.57	cps
Dysprosium	156-2	1233	1237	1337	1269	4.63	cps
Erbium	164-1	2275	2575	2675	2509	8.30	cps
Erbium	164-2	1027	993	1170	1063	8.83	cps
Gadolinium	160-1	2800	3017	2917	2912	3.73	cps
Gadolinium	160-2	1523	1447	1570	1513	4.11	cps
Holmium	165-1	3780815	3747691	3647577	3725361	1.86	cps
Holmium	165-2	1699548	1674336	1684833	1686239	0.75	cps
Indium	115-1	3792897	3733665	3700119	3742227	1.26	cps
Indium	115-2	574978	571329	566402	570903	0.75	cps
Iron	54-2	153808	150741	150215	151588	1.28	cps
Iron	56-2	2826270	2852614	2765525	2814803	1.59	cps
Iron	57-2	69642	70093	69943	69893	0.33	cps
Krypton	83-1	470	480	457	469	2.50	cps
Lead	207-1	8531	9053	8392	8659	4.03	cps
Lead	208-1	8427	8213	9561	8733	8.30	cps
Lead	206-1	10549	10749	10732	10677	1.04	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-02LX5	Instrumnet Name :	P8
Client Sample ID :	MH0AA4L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-03 16:01:04	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1217342	1258649	1210412	1228801	2.12	cps
Magnesium	24-2	94926	94489	95202	94872	0.38	cps
Manganese	55-2	38091	38218	37252	37853	1.39	cps
Molybdenum	94-1	1175	1242	1217	1211	2.78	cps
Molybdenum	95-1	808	717	675	733	9.30	cps
Molybdenum	96-1	917	942	892	917	2.73	cps
Molybdenum	97-1	417	583	383	461	23.24	cps
Molybdenum	98-1	1042	1192	1092	1108	6.89	cps
Neodymium	150-1	5101	5134	5174	5137	0.71	cps
Neodymium	150-2	1830	1857	1830	1839	0.84	cps
Nickel	60-2	2140	2227	2300	2222	3.60	cps
Phosphorus	31-2	617	733	758	703	10.76	cps
Potassium	39-2	54395	54612	54244	54417	0.34	cps
Rhodium	103-1	3575184	3578412	3524315	3559304	0.85	cps
Rhodium	103-2	1639191	1624547	1576729	1613489	2.02	cps
Scandium	45-1	2432894	2484693	2447216	2454934	1.09	cps
Scandium	45-2	95599	92787	93397	93928	1.57	cps
Selenium	77-2	3	13	20	12	68.66	cps
Selenium	78-2	56	43	50	50	13.11	cps
Selenium	82-1	-58	-81	-57	-65	-21.33	cps
Silicon	28-1	1462819	1474169	1488022	1475003	0.86	cps
Silver	109-1	642	533	467	547	16.14	cps
Silver	107-1	525	583	508	539	7.31	cps
Sodium	23-2	51801	50463	51224	51162	1.31	cps
Strontium	86-1	41663	43494	42314	42490	2.18	cps
Strontium	88-1	351032	363848	367806	360895	2.43	cps
Sulfur	34-1	526715	519809	523356	523293	0.66	cps
Terbium	159-1	3974807	3973568	3906757	3951711	0.99	cps
Terbium	159-2	1679369	1704709	1676160	1686746	0.93	cps
Thallium	203-1	400	275	192	289	36.30	cps
Thallium	205-1	500	442	533	492	9.44	cps
Tin	118-1	608	808	842	753	16.77	cps
Titanium	47-1	16001	16218	16134	16118	0.68	cps
Uranium	238-1	2617	2825	2809	2750	4.21	cps
Vanadium	51-2	9226	9396	9330	9318	0.92	cps
Yttrium	89-1	5636721	5654242	5649774	5646912	0.16	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-02LX5	Instrumnet Name :	P8
Client Sample ID :	MH0AA4L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-03 16:01:04	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	630385	624119	625907	626804	0.51	cps
Zinc	66-2	4204	3687	3674	3855	7.84	cps
Zirconium	90-1	1859	2400	2042	2100	13.12	cps
Zirconium	91-1	483	500	508	497	2.56	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-04	Instrumnet Name :	P8
Client Sample ID :	MH0AA4S	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:03:54	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	264041	260406	259281	261243	0.95	cps
Antimony	121-1	41647	42090	42550	42096	1.07	cps
Arsenic	75-2	4183	4290	4418	4297	2.74	cps
Barium	135-1	506344	501124	508143	505204	0.72	cps
Barium	137-1	875036	877502	879269	877269	0.24	cps
Beryllium	9-1	6656	6576	6416	6549	1.86	cps
Bismuth	209-1	2334094	2168831	2100717	2201214	5.45	cps
Bismuth	209-2	1191965	1165658	1138847	1165490	2.28	cps
Boron	11-1	2656	3094	3132	2960	8.94	cps
Boron	10-1	532	590	590	571	5.87	cps
Bromine	81-1	7370	7710	8061	7713	4.48	cps
Cadmium	106-1	2000	2042	1892	1978	3.92	cps
Cadmium	108-1	608	521	575	568	7.77	cps
Cadmium	111-1	8631	8809	8378	8606	2.51	cps
Calcium	43-1	1063544	1062162	1067889	1064532	0.28	cps
Calcium	44-1	17399836	17547540	17518306	17488561	0.45	cps
Chromium	52-2	44516	44121	44556	44398	0.54	cps
Cobalt	59-2	158542	156146	157389	157359	0.76	cps
Copper	63-2	105279	106053	107280	106204	0.95	cps
Dysprosium	156-1	16068	17145	16953	16722	3.43	cps
Dysprosium	156-2	6865	6505	6638	6670	2.73	cps
Erbium	164-1	12957	13449	13582	13329	2.47	cps
Erbium	164-2	5671	5838	5955	5821	2.45	cps
Gadolinium	160-1	15601	15368	15851	15607	1.55	cps
Gadolinium	160-2	7979	8026	7492	7832	3.77	cps
Holmium	165-1	4070839	3894652	3699768	3888419	4.77	cps
Holmium	165-2	1752699	1751765	1683743	1729403	2.29	cps
Indium	115-1	4072509	3880577	3710081	3887722	4.66	cps
Indium	115-2	590711	591938	577009	586553	1.41	cps
Iron	54-2	873663	860629	857202	863831	1.01	cps
Iron	56-2	15946969	15807098	15766902	15840323	0.60	cps
Iron	57-2	399248	393805	399675	397576	0.82	cps
Krypton	83-1	367	440	427	411	9.50	cps
Lead	207-1	49818	48491	49595	49301	1.44	cps
Lead	208-1	47944	48858	45803	47535	3.30	cps
Lead	206-1	59933	60161	60362	60152	0.36	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-04	Instrumnet Name :	P8
Client Sample ID :	MH0AA4S	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:03:54	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1271310	1261239	1245322	1259290	1.04	cps
Magnesium	24-2	515898	510886	514849	513878	0.51	cps
Manganese	55-2	240004	239495	241991	240496	0.55	cps
Molybdenum	94-1	6268	5968	6685	6307	5.71	cps
Molybdenum	95-1	4868	3992	3942	4267	12.19	cps
Molybdenum	96-1	5651	5251	5018	5307	6.04	cps
Molybdenum	97-1	2900	2542	2775	2739	6.64	cps
Molybdenum	98-1	6944	6535	6327	6602	4.75	cps
Neodymium	150-1	27996	28290	27789	28025	0.90	cps
Neodymium	150-2	9360	8893	8883	9045	3.01	cps
Nickel	60-2	48526	47683	48847	48352	1.24	cps
Phosphorus	31-2	3225	2867	2900	2998	6.61	cps
Potassium	39-2	172388	170070	172716	171725	0.84	cps
Rhodium	103-1	3826017	3700168	3539624	3688603	3.89	cps
Rhodium	103-2	1619797	1643681	1593480	1618986	1.55	cps
Scandium	45-1	2697869	2657497	2455817	2603728	4.98	cps
Scandium	45-2	96284	96505	94804	95864	0.96	cps
Selenium	77-2	57	93	60	70	28.96	cps
Selenium	78-2	146	160	136	147	8.18	cps
Selenium	82-1	824	824	835	828	0.78	cps
Silicon	28-1	4217882	4146122	4218618	4194207	0.99	cps
Silver	109-1	30969	31628	31537	31378	1.14	cps
Silver	107-1	34001	33424	33968	33798	0.96	cps
Sodium	23-2	76978	77681	78066	77575	0.71	cps
Strontium	86-1	223855	225852	222882	224197	0.68	cps
Strontium	88-1	1894094	1885470	1866901	1882155	0.74	cps
Sulfur	34-1	533835	531319	529047	531400	0.45	cps
Terbium	159-1	4351724	4167258	4005788	4174923	4.15	cps
Terbium	159-2	1708835	1715129	1639508	1687824	2.49	cps
Thallium	203-1	17738	17512	17462	17571	0.84	cps
Thallium	205-1	40171	40497	42052	40907	2.46	cps
Tin	118-1	4651	4718	4201	4523	6.22	cps
Titanium	47-1	70407	70608	69368	70128	0.95	cps
Uranium	238-1	15969	16353	17171	16497	3.72	cps
Vanadium	51-2	116126	117265	116160	116517	0.56	cps
Yttrium	89-1	6461016	6187462	5831012	6159830	5.13	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-04	Instrumnet Name :	P8
Client Sample ID :	MH0AA4S	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:03:54	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	658573	663429	647752	656585	1.22	cps
Zinc	66-2	32781	32938	33510	33076	1.16	cps
Zirconium	90-1	11113	11705	11230	11349	2.76	cps
Zirconium	91-1	2517	2842	2850	2736	6.95	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-05	Instrumnet Name :	P8
Client Sample ID :	MH0AA7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:06:43	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	330298	332498	329505	330767	0.47	cps
Antimony	121-1	10087	10154	10988	10410	4.82	cps
Arsenic	75-2	4549	4614	4582	4582	0.70	cps
Barium	135-1	560767	563615	566956	563779	0.55	cps
Barium	137-1	969756	970352	979146	973084	0.54	cps
Beryllium	9-1	1167	1294	1142	1201	6.79	cps
Bismuth	209-1	2186243	2185092	2088692	2153342	2.60	cps
Bismuth	209-2	1225452	1194980	1151680	1190704	3.11	cps
Boron	11-1	9887	11322	12427	11212	11.36	cps
Boron	10-1	1902	2214	2408	2174	11.74	cps
Bromine	81-1	6929	7650	8011	7530	7.31	cps
Cadmium	106-1	1758	2200	1834	1931	12.24	cps
Cadmium	108-1	575	492	533	533	7.81	cps
Cadmium	111-1	8122	8494	8646	8421	3.20	cps
Calcium	43-1	813792	832837	837087	827905	1.50	cps
Calcium	44-1	13290761	13608405	13779022	13559396	1.83	cps
Chromium	52-2	22067	22004	21383	21818	1.73	cps
Cobalt	59-2	19296	19493	19320	19370	0.56	cps
Copper	63-2	261309	264177	261445	262310	0.62	cps
Dysprosium	156-1	13165	13190	14341	13566	4.95	cps
Dysprosium	156-2	5881	5585	5871	5779	2.92	cps
Erbium	164-1	11539	12406	11722	11889	3.85	cps
Erbium	164-2	5081	5031	4998	5037	0.83	cps
Gadolinium	160-1	12940	12323	12857	12706	2.64	cps
Gadolinium	160-2	6852	6658	6338	6616	3.92	cps
Holmium	165-1	3917034	3814081	3709205	3813440	2.73	cps
Holmium	165-2	1816708	1723394	1661065	1733723	4.52	cps
Indium	115-1	3902068	3747439	3746645	3798717	2.36	cps
Indium	115-2	603799	593475	575293	590856	2.44	cps
Iron	54-2	1131811	1121237	1138172	1130407	0.76	cps
Iron	56-2	20285099	20569765	20420221	20425028	0.70	cps
Iron	57-2	510672	507671	512291	510211	0.46	cps
Krypton	83-1	440	440	397	426	5.88	cps
Lead	207-1	1291669	1344764	1334324	1323586	2.13	cps
Lead	208-1	1324559	1399437	1334344	1352780	3.01	cps
Lead	206-1	1563655	1592894	1590162	1582237	1.02	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-05	Instrumnet Name :	P8
Client Sample ID :	MH0AA7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:06:43	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1283555	1255391	1219711	1252886	2.55	cps
Magnesium	24-2	502597	503058	509751	505135	0.79	cps
Manganese	55-2	858817	878146	874839	870601	1.19	cps
Molybdenum	94-1	8103	8361	8436	8300	2.11	cps
Molybdenum	95-1	4568	4384	4726	4559	3.75	cps
Molybdenum	96-1	6085	6602	6202	6296	4.31	cps
Molybdenum	97-1	2984	2942	3292	3073	6.22	cps
Molybdenum	98-1	7144	7619	7285	7349	3.32	cps
Neodymium	150-1	21818	22098	22726	22214	2.09	cps
Neodymium	150-2	7032	7362	7212	7202	2.30	cps
Nickel	60-2	12312	12212	12255	12260	0.41	cps
Phosphorus	31-2	5076	5518	5610	5401	5.28	cps
Potassium	39-2	221700	226226	226067	224665	1.14	cps
Rhodium	103-1	3655456	3618182	3461032	3578223	2.88	cps
Rhodium	103-2	1684575	1627300	1571132	1627669	3.48	cps
Scandium	45-1	2569771	2495242	2446969	2503994	2.47	cps
Scandium	45-2	98703	97005	93009	96239	3.04	cps
Selenium	77-2	37	33	53	41	26.06	cps
Selenium	78-2	65	74	81	73	10.94	cps
Selenium	82-1	118	96	121	111	12.24	cps
Silicon	28-1	6370311	6494763	6380580	6415218	1.08	cps
Silver	109-1	11705	11188	11722	11538	2.63	cps
Silver	107-1	12247	12089	12765	12367	2.86	cps
Sodium	23-2	204636	207096	208448	206727	0.93	cps
Strontium	86-1	450889	467208	472062	463386	2.39	cps
Strontium	88-1	3790812	3900119	3976218	3889050	2.40	cps
Sulfur	34-1	564654	565958	564311	564974	0.15	cps
Terbium	159-1	4274645	4024695	3841609	4046983	5.37	cps
Terbium	159-2	1741252	1728610	1644421	1704761	3.09	cps
Thallium	203-1	950	992	1142	1028	9.81	cps
Thallium	205-1	2234	2250	2367	2284	3.18	cps
Tin	118-1	51029	51046	52208	51428	1.31	cps
Titanium	47-1	121959	124187	125195	123780	1.34	cps
Uranium	238-1	17329	16645	17504	17159	2.65	cps
Vanadium	51-2	37265	36299	37044	36870	1.37	cps
Yttrium	89-1	6049897	6053257	5891725	5998293	1.54	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-05	Instrumnet Name :	P8
Client Sample ID :	MH0AA7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:06:43	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	675872	659920	644032	659941	2.41	cps
Zinc	66-2	227731	227599	230777	228702	0.79	cps
Zirconium	90-1	16076	16318	17211	16535	3.61	cps
Zirconium	91-1	3942	3584	3742	3756	4.78	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-06	Instrumnet Name :	P8
Client Sample ID :	MH0AA8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:09:33	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	224529	223972	225764	224755	0.41	cps
Antimony	121-1	3917	4318	4076	4104	4.91	cps
Arsenic	75-2	2094	2003	2047	2048	2.23	cps
Barium	135-1	202166	208758	207007	205977	1.66	cps
Barium	137-1	352454	359796	355743	355997	1.03	cps
Beryllium	9-1	804	666	714	728	9.61	cps
Bismuth	209-1	2179787	2165392	2088182	2144454	2.30	cps
Bismuth	209-2	1199071	1171244	1126397	1165571	3.15	cps
Boron	11-1	3942	4070	4202	4071	3.19	cps
Boron	10-1	806	818	844	823	2.36	cps
Bromine	81-1	5767	6158	5847	5924	3.48	cps
Cadmium	106-1	1525	1450	1425	1467	3.55	cps
Cadmium	108-1	129	138	83	117	25.00	cps
Cadmium	111-1	2348	2373	2210	2310	3.80	cps
Calcium	43-1	557452	562048	562820	560773	0.52	cps
Calcium	44-1	9132208	9263800	9342928	9246312	1.15	cps
Chromium	52-2	13997	13960	13847	13935	0.56	cps
Cobalt	59-2	16797	17247	17394	17146	1.82	cps
Copper	63-2	105968	106179	106531	106226	0.27	cps
Dysprosium	156-1	16494	15851	15993	16113	2.09	cps
Dysprosium	156-2	6745	6532	6718	6665	1.74	cps
Erbium	164-1	13007	13165	13365	13179	1.36	cps
Erbium	164-2	5718	5765	5488	5657	2.62	cps
Gadolinium	160-1	14909	15051	14183	14714	3.16	cps
Gadolinium	160-2	7599	7235	7289	7374	2.66	cps
Holmium	165-1	3817838	3792051	3726208	3778699	1.25	cps
Holmium	165-2	1779871	1729997	1662555	1724141	3.41	cps
Indium	115-1	3806042	3863395	3792051	3820496	0.99	cps
Indium	115-2	603101	584263	566734	584699	3.11	cps
Iron	54-2	821761	815870	841059	826230	1.59	cps
Iron	56-2	15001085	15145009	15295725	15147273	0.97	cps
Iron	57-2	376610	373822	378985	376472	0.69	cps
Krypton	83-1	400	390	467	419	9.95	cps
Lead	207-1	145103	144643	143756	144501	0.47	cps
Lead	208-1	136023	142015	143413	140483	2.79	cps
Lead	206-1	171362	178338	176547	175416	2.07	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-06	Instrumnet Name :	P8
Client Sample ID :	MH0AA8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:09:33	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1214322	1311719	1253500	1259847	3.89	cps
Magnesium	24-2	473051	473560	473535	473382	0.06	cps
Manganese	55-2	218328	218778	218511	218539	0.10	cps
Molybdenum	94-1	5043	5293	5635	5323	5.58	cps
Molybdenum	95-1	4359	4167	3859	4129	6.11	cps
Molybdenum	96-1	5243	4784	5159	5062	4.82	cps
Molybdenum	97-1	2492	2709	2467	2556	5.20	cps
Molybdenum	98-1	7077	6844	6402	6774	5.06	cps
Neodymium	150-1	25291	25952	25765	25669	1.33	cps
Neodymium	150-2	8760	8406	8696	8621	2.19	cps
Nickel	60-2	10184	9980	10337	10167	1.76	cps
Phosphorus	31-2	3225	2975	2867	3023	6.08	cps
Potassium	39-2	187068	187702	184510	186426	0.91	cps
Rhodium	103-1	3638017	3588013	3534515	3586848	1.44	cps
Rhodium	103-2	1674964	1612004	1562092	1616354	3.50	cps
Scandium	45-1	2527534	2541197	2468465	2512399	1.54	cps
Scandium	45-2	97673	97763	90929	95455	4.11	cps
Selenium	77-2	37	57	23	39	43.15	cps
Selenium	78-2	69	63	65	66	4.65	cps
Selenium	82-1	72	96	-9	53	103.38	cps
Silicon	28-1	4517564	4632629	4593662	4581285	1.28	cps
Silver	109-1	1542	1583	1942	1689	13.02	cps
Silver	107-1	1717	1875	1775	1789	4.48	cps
Sodium	23-2	75914	75202	76183	75766	0.67	cps
Strontium	86-1	161047	162115	162386	161849	0.44	cps
Strontium	88-1	1383871	1406567	1405189	1398542	0.91	cps
Sulfur	34-1	519671	523212	519782	520888	0.39	cps
Terbium	159-1	4083859	4072139	3961548	4039182	1.67	cps
Terbium	159-2	1761286	1716506	1658441	1712078	3.01	cps
Thallium	203-1	992	892	750	878	13.83	cps
Thallium	205-1	2175	2217	2359	2250	4.27	cps
Tin	118-1	6877	7219	6919	7005	2.66	cps
Titanium	47-1	78297	78842	78314	78484	0.39	cps
Uranium	238-1	12114	12448	12448	12337	1.56	cps
Vanadium	51-2	39431	38886	39819	39379	1.19	cps
Yttrium	89-1	5971679	5919229	5903476	5931461	0.60	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-06	Instrumnet Name :	P8
Client Sample ID :	MH0AA8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:09:33	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	664013	644767	627868	645549	2.80	cps
Zinc	66-2	34589	34281	34171	34347	0.63	cps
Zirconium	90-1	8528	8478	8611	8539	0.79	cps
Zirconium	91-1	2225	1984	1700	1970	13.34	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-07	Instrumnet Name :	P8
Client Sample ID :	MH0AA9	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:12:21	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	344953	349479	345241	346558	0.73	cps
Antimony	121-1	13365	13173	13624	13387	1.69	cps
Arsenic	75-2	3175	3273	3261	3237	1.65	cps
Barium	135-1	369097	376742	378032	374624	1.29	cps
Barium	137-1	632775	649622	649206	643868	1.49	cps
Beryllium	9-1	1425	1391	1435	1417	1.62	cps
Bismuth	209-1	2198496	2159923	2097637	2152019	2.36	cps
Bismuth	209-2	1175458	1170077	1159827	1168454	0.68	cps
Boron	11-1	4926	5638	5662	5409	7.73	cps
Boron	10-1	956	1116	1272	1114	14.18	cps
Bromine	81-1	6498	7400	7119	7006	6.58	cps
Cadmium	106-1	1558	1842	1783	1728	8.66	cps
Cadmium	108-1	492	404	413	436	11.07	cps
Cadmium	111-1	6573	6424	6861	6619	3.36	cps
Calcium	43-1	669664	679474	682347	677162	0.98	cps
Calcium	44-1	11041814	11368087	11240310	11216737	1.47	cps
Chromium	52-2	27700	27213	27273	27395	0.97	cps
Cobalt	59-2	28669	28996	28823	28829	0.57	cps
Copper	63-2	204491	203438	203218	203715	0.33	cps
Dysprosium	156-1	22720	23496	22912	23043	1.76	cps
Dysprosium	156-2	9433	9580	9510	9508	0.77	cps
Erbium	164-1	17412	17946	17921	17759	1.70	cps
Erbium	164-2	7832	8249	7859	7980	2.92	cps
Gadolinium	160-1	21209	20441	21401	21017	2.42	cps
Gadolinium	160-2	10778	10611	10804	10731	0.98	cps
Holmium	165-1	3848016	3785824	3768486	3800776	1.10	cps
Holmium	165-2	1749233	1709506	1709507	1722749	1.33	cps
Indium	115-1	3858098	3689958	3776849	3774968	2.23	cps
Indium	115-2	584661	578969	579708	581113	0.53	cps
Iron	54-2	1360752	1367358	1369064	1365725	0.32	cps
Iron	56-2	24937532	24951226	24572885	24820548	0.86	cps
Iron	57-2	616898	618364	617487	617583	0.12	cps
Krypton	83-1	383	463	473	440	11.21	cps
Lead	207-1	862598	891085	887368	880350	1.76	cps
Lead	208-1	896989	896078	872436	888501	1.57	cps
Lead	206-1	1037701	1040269	1036661	1038210	0.18	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-07	Instrumnet Name :	P8
Client Sample ID :	MH0AA9	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:12:21	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1286090	1272586	1297139	1285272	0.96	cps
Magnesium	24-2	786823	789234	792724	789594	0.38	cps
Manganese	55-2	530796	533707	535523	533342	0.45	cps
Molybdenum	94-1	8453	8528	9003	8661	3.45	cps
Molybdenum	95-1	5843	6410	6435	6229	5.37	cps
Molybdenum	96-1	7252	7536	7594	7461	2.45	cps
Molybdenum	97-1	3826	3784	3842	3817	0.79	cps
Molybdenum	98-1	9362	9453	9879	9565	2.88	cps
Neodymium	150-1	38496	38649	38963	38703	0.62	cps
Neodymium	150-2	12356	12953	12396	12568	2.66	cps
Nickel	60-2	17591	17304	17681	17525	1.12	cps
Phosphorus	31-2	4643	5068	4643	4784	5.13	cps
Potassium	39-2	307303	310405	306089	307932	0.72	cps
Rhodium	103-1	3616485	3508224	3540988	3555232	1.56	cps
Rhodium	103-2	1657707	1623274	1617244	1632742	1.34	cps
Scandium	45-1	2591528	2548824	2500839	2547064	1.78	cps
Scandium	45-2	97538	96884	95653	96692	0.99	cps
Selenium	77-2	43	87	60	63	34.52	cps
Selenium	78-2	76	91	67	78	15.54	cps
Selenium	82-1	176	74	66	105	58.24	cps
Silicon	28-1	3499819	3541703	3517207	3519576	0.60	cps
Silver	109-1	63505	64811	64669	64329	1.11	cps
Silver	107-1	66008	67466	67205	66893	1.16	cps
Sodium	23-2	133406	132271	132616	132764	0.44	cps
Strontium	86-1	377591	384155	385087	382278	1.07	cps
Strontium	88-1	3172574	3286554	3274679	3244602	1.93	cps
Sulfur	34-1	535602	536388	535347	535779	0.10	cps
Terbium	159-1	4075485	3966505	3977250	4006413	1.50	cps
Terbium	159-2	1734552	1695526	1701082	1710387	1.23	cps
Thallium	203-1	1267	1492	1500	1420	9.33	cps
Thallium	205-1	3317	3426	3642	3462	4.78	cps
Tin	118-1	49967	50343	49775	50028	0.58	cps
Titanium	47-1	149997	158800	158723	155840	3.25	cps
Uranium	238-1	24491	23397	23456	23781	2.59	cps
Vanadium	51-2	47515	49084	48352	48317	1.62	cps
Yttrium	89-1	6139223	6153931	5952696	6081950	1.84	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-07	Instrumnet Name :	P8
Client Sample ID :	MH0AA9	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:12:21	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	670819	659436	659865	663373	0.97	cps
Zinc	66-2	109650	108971	108743	109121	0.43	cps
Zirconium	90-1	14733	14750	13632	14372	4.46	cps
Zirconium	91-1	3259	3175	3092	3175	2.62	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-08	Instrumnet Name :	P8
Client Sample ID :	MH0AB0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:15:12	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	190947	188961	187458	189122	0.93	cps
Antimony	121-1	5393	5293	5401	5362	1.12	cps
Arsenic	75-2	5168	5137	5105	5137	0.61	cps
Barium	135-1	147229	143674	144776	145227	1.25	cps
Barium	137-1	251064	249526	250462	250351	0.31	cps
Beryllium	9-1	700	732	714	715	2.25	cps
Bismuth	209-1	2218117	2209656	2178786	2202186	0.94	cps
Bismuth	209-2	1150952	1134939	1238221	1174704	4.73	cps
Boron	11-1	2778	2850	2888	2838	1.97	cps
Boron	10-1	580	588	568	579	1.74	cps
Bromine	81-1	5136	5336	5306	5260	2.05	cps
Cadmium	106-1	1442	1442	1583	1489	5.49	cps
Cadmium	108-1	179	188	175	181	3.52	cps
Cadmium	111-1	3559	3287	3353	3400	4.18	cps
Calcium	43-1	193234	192206	189555	191665	0.99	cps
Calcium	44-1	3190496	3180774	3175008	3182093	0.25	cps
Chromium	52-2	14324	13787	13870	13994	2.07	cps
Cobalt	59-2	16156	15335	15515	15669	2.75	cps
Copper	63-2	87039	87614	85838	86830	1.04	cps
Dysprosium	156-1	14141	14408	13457	14002	3.50	cps
Dysprosium	156-2	5855	5661	5841	5786	1.87	cps
Erbium	164-1	11614	11489	10721	11275	4.29	cps
Erbium	164-2	5088	4838	5008	4978	2.57	cps
Gadolinium	160-1	13457	13357	13649	13488	1.10	cps
Gadolinium	160-2	6715	6395	6272	6461	3.54	cps
Holmium	165-1	3855460	3796866	3820748	3824358	0.77	cps
Holmium	165-2	1679000	1691190	1823818	1731336	4.64	cps
Indium	115-1	3879629	3885303	3877965	3880965	0.10	cps
Indium	115-2	574559	574770	612509	587280	3.72	cps
Iron	54-2	873685	875294	864421	871133	0.67	cps
Iron	56-2	15851030	15818275	15728383	15799229	0.40	cps
Iron	57-2	396899	393343	391867	394036	0.66	cps
Krypton	83-1	500	453	433	462	7.40	cps
Lead	207-1	273604	270842	271521	271989	0.53	cps
Lead	208-1	269878	262624	262607	265036	1.58	cps
Lead	206-1	326663	322193	324665	324507	0.69	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-08	Instrumnet Name :	P8
Client Sample ID :	MH0AB0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:15:12	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1299585	1268838	1300116	1289513	1.39	cps
Magnesium	24-2	300841	303071	293813	299241	1.61	cps
Manganese	55-2	347068	345539	339536	344047	1.16	cps
Molybdenum	94-1	4918	4643	4826	4795	2.92	cps
Molybdenum	95-1	3742	3200	3417	3453	7.90	cps
Molybdenum	96-1	4051	4267	3776	4031	6.11	cps
Molybdenum	97-1	2034	2017	1975	2009	1.50	cps
Molybdenum	98-1	5259	5051	4926	5079	3.32	cps
Neodymium	150-1	23160	23882	22933	23325	2.12	cps
Neodymium	150-2	7429	7459	7289	7392	1.23	cps
Nickel	60-2	9860	9540	9980	9793	2.32	cps
Phosphorus	31-2	2559	2400	2200	2386	7.53	cps
Potassium	39-2	159112	159928	158539	159193	0.44	cps
Rhodium	103-1	3647152	3652877	3671397	3657142	0.35	cps
Rhodium	103-2	1597085	1591091	1685546	1624574	3.26	cps
Scandium	45-1	2568043	2522801	2545408	2545418	0.89	cps
Scandium	45-2	93371	92697	98814	94961	3.53	cps
Selenium	77-2	37	43	27	36	23.58	cps
Selenium	78-2	51	70	61	61	15.66	cps
Selenium	82-1	-62	18	36	-3	-2033.53	cps
Silicon	28-1	3566100	3564225	3539985	3556770	0.41	cps
Silver	109-1	4059	3876	3784	3906	3.59	cps
Silver	107-1	4084	3876	3851	3937	3.26	cps
Sodium	23-2	69139	70253	68603	69332	1.21	cps
Strontium	86-1	77263	78470	79317	78350	1.32	cps
Strontium	88-1	665127	660111	668083	664440	0.61	cps
Sulfur	34-1	520682	521562	518160	520135	0.34	cps
Terbium	159-1	4099667	4021384	4122380	4081144	1.30	cps
Terbium	159-2	1686479	1633358	1775605	1698481	4.23	cps
Thallium	203-1	958	950	833	914	7.65	cps
Thallium	205-1	2234	1884	2075	2064	8.49	cps
Tin	118-1	10938	11330	10830	11032	2.39	cps
Titanium	47-1	62244	61407	64286	62646	2.36	cps
Uranium	238-1	11013	10463	10380	10619	3.24	cps
Vanadium	51-2	32313	32270	31759	32114	0.96	cps
Yttrium	89-1	5885858	5907478	5959398	5917578	0.64	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-08	Instrumnet Name :	P8
Client Sample ID :	MH0AB0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:15:12	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	630282	631182	669891	643785	3.51	cps
Zinc	66-2	74146	72816	73285	73415	0.92	cps
Zirconium	90-1	7244	7519	7319	7360	1.93	cps
Zirconium	91-1	1567	1617	1784	1656	6.85	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-09	Instrumnet Name :	P8
Client Sample ID :	MH0AB1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:18:00	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	226002	226759	221841	224867	1.18	cps
Antimony	121-1	4543	4668	4751	4654	2.25	cps
Arsenic	75-2	3494	3379	3460	3444	1.72	cps
Barium	135-1	221247	225446	224540	223744	0.99	cps
Barium	137-1	378058	380000	388136	382064	1.40	cps
Beryllium	9-1	828	962	888	893	7.53	cps
Bismuth	209-1	2114328	2075614	2212748	2134230	3.31	cps
Bismuth	209-2	1161191	1161454	1193626	1172090	1.59	cps
Boron	11-1	2756	2976	3142	2958	6.55	cps
Boron	10-1	588	606	602	599	1.58	cps
Bromine	81-1	5677	6368	6789	6278	8.94	cps
Cadmium	106-1	1375	1725	1642	1581	11.57	cps
Cadmium	108-1	213	250	196	219	12.64	cps
Cadmium	111-1	3439	4037	3662	3713	8.14	cps
Calcium	43-1	673103	684548	681347	679666	0.87	cps
Calcium	44-1	11249271	11379523	11147022	11258605	1.04	cps
Chromium	52-2	13336	13647	13536	13506	1.16	cps
Cobalt	59-2	19821	18776	19477	19358	2.75	cps
Copper	63-2	189683	188542	188065	188763	0.44	cps
Dysprosium	156-1	15259	17145	16602	16335	5.94	cps
Dysprosium	156-2	6688	6645	6902	6745	2.04	cps
Erbium	164-1	12832	13649	13524	13335	3.30	cps
Erbium	164-2	5681	6021	5811	5838	2.94	cps
Gadolinium	160-1	15268	15067	15009	15114	0.90	cps
Gadolinium	160-2	7879	7686	7609	7725	1.80	cps
Holmium	165-1	3698004	3566830	3921638	3728824	4.81	cps
Holmium	165-2	1676165	1723925	1789555	1729882	3.29	cps
Indium	115-1	3663597	3619008	3822679	3701762	2.89	cps
Indium	115-2	573114	578199	598420	583244	2.30	cps
Iron	54-2	942419	953736	939961	945372	0.78	cps
Iron	56-2	17301401	17331227	17205858	17279495	0.38	cps
Iron	57-2	432167	432614	429431	431404	0.40	cps
Krypton	83-1	480	457	447	461	3.71	cps
Lead	207-1	257500	263449	266465	262471	1.74	cps
Lead	208-1	254960	259997	258911	257956	1.03	cps
Lead	206-1	305584	313284	311948	310272	1.33	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-09	Instrumnet Name :	P8
Client Sample ID :	MH0AB1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:18:00	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1232339	1276496	1303682	1270839	2.83	cps
Magnesium	24-2	444887	442490	434790	440722	1.20	cps
Manganese	55-2	372005	370676	367087	369922	0.69	cps
Molybdenum	94-1	5601	5726	5510	5612	1.94	cps
Molybdenum	95-1	4176	4067	4309	4184	2.89	cps
Molybdenum	96-1	4876	5318	4943	5046	4.72	cps
Molybdenum	97-1	2609	2367	2425	2467	5.11	cps
Molybdenum	98-1	6277	6502	6727	6502	3.46	cps
Neodymium	150-1	25798	27034	26994	26609	2.64	cps
Neodymium	150-2	8489	8796	8880	8722	2.36	cps
Nickel	60-2	12025	12149	12262	12145	0.98	cps
Phosphorus	31-2	3292	3242	2909	3148	6.62	cps
Potassium	39-2	171064	173941	172986	172664	0.85	cps
Rhodium	103-1	3461698	3466607	3632143	3520149	2.76	cps
Rhodium	103-2	1601490	1586490	1687528	1625169	3.35	cps
Scandium	45-1	2461866	2417475	2519632	2466325	2.08	cps
Scandium	45-2	94236	94616	97435	95429	1.83	cps
Selenium	77-2	47	33	50	43	20.36	cps
Selenium	78-2	53	66	56	58	11.67	cps
Selenium	82-1	22	-4	11	10	129.68	cps
Silicon	28-1	3793385	3887951	3861639	3847658	1.27	cps
Silver	109-1	4326	4551	4568	4481	3.01	cps
Silver	107-1	4801	5251	4901	4984	4.74	cps
Sodium	23-2	81092	81352	83531	81991	1.63	cps
Strontium	86-1	210059	212793	210679	211177	0.68	cps
Strontium	88-1	1773931	1800448	1802956	1792445	0.90	cps
Sulfur	34-1	518693	519711	523357	520587	0.47	cps
Terbium	159-1	3765344	3883123	4052294	3900254	3.70	cps
Terbium	159-2	1670378	1719688	1713891	1701319	1.58	cps
Thallium	203-1	1017	1208	1133	1120	8.63	cps
Thallium	205-1	2742	2975	2700	2806	5.28	cps
Tin	118-1	18188	18822	17820	18277	2.77	cps
Titanium	47-1	65023	67510	66597	66377	1.89	cps
Uranium	238-1	12949	13165	13357	13157	1.55	cps
Vanadium	51-2	40514	41193	40484	40730	0.98	cps
Yttrium	89-1	5743375	5714988	5929677	5796013	2.01	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-09	Instrumnet Name :	P8
Client Sample ID :	MH0AB1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:18:00	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	645171	642028	665030	650743	1.92	cps
Zinc	66-2	94526	93432	93704	93887	0.61	cps
Zirconium	90-1	8720	9162	9053	8978	2.57	cps
Zirconium	91-1	2125	2134	1775	2011	10.17	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-10	Instrumnet Name :	P8
Client Sample ID :	MH0AB2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:20:50	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	311859	313380	311509	312249	0.32	cps
Antimony	121-1	5109	5426	5318	5284	3.05	cps
Arsenic	75-2	7553	7523	7352	7476	1.45	cps
Barium	135-1	275490	286725	283850	282022	2.07	cps
Barium	137-1	479583	497281	488042	488302	1.81	cps
Beryllium	9-1	877	1032	935	948	8.26	cps
Bismuth	209-1	2118715	2094005	2189439	2134053	2.32	cps
Bismuth	209-2	1129419	1135207	1189703	1151443	2.89	cps
Boron	11-1	3910	4262	4622	4264	8.35	cps
Boron	10-1	718	818	946	827	13.81	cps
Bromine	81-1	8732	10134	9763	9543	7.61	cps
Cadmium	106-1	1450	1650	1692	1597	8.09	cps
Cadmium	108-1	171	167	129	156	14.75	cps
Cadmium	111-1	2621	2951	2865	2812	6.10	cps
Calcium	43-1	946576	971564	966209	961449	1.37	cps
Calcium	44-1	15550232	15904908	15842348	15765829	1.20	cps
Chromium	52-2	15719	15916	15846	15827	0.63	cps
Cobalt	59-2	21012	21182	21677	21290	1.62	cps
Copper	63-2	66769	67286	67077	67044	0.39	cps
Dysprosium	156-1	18972	19631	19481	19362	1.78	cps
Dysprosium	156-2	8149	7626	8076	7950	3.57	cps
Erbium	164-1	15209	16227	15126	15521	3.95	cps
Erbium	164-2	6932	6768	6708	6803	1.70	cps
Gadolinium	160-1	17712	18029	17303	17682	2.06	cps
Gadolinium	160-2	9010	9210	9337	9185	1.79	cps
Holmium	165-1	3809883	3658248	3749155	3739095	2.04	cps
Holmium	165-2	1664825	1663175	1739832	1689277	2.59	cps
Indium	115-1	3707695	3719527	3769416	3732212	0.88	cps
Indium	115-2	566238	562461	592777	573825	2.88	cps
Iron	54-2	1004982	1016298	999667	1006982	0.84	cps
Iron	56-2	18486452	18569314	18207263	18421009	1.03	cps
Iron	57-2	457575	462621	457353	459183	0.65	cps
Krypton	83-1	450	487	410	449	8.54	cps
Lead	207-1	131583	133934	134692	133403	1.22	cps
Lead	208-1	127258	132507	128322	129362	2.14	cps
Lead	206-1	158519	163479	161301	161100	1.54	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-10	Instrumnet Name :	P8
Client Sample ID :	MH0AB2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:20:50	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1264831	1253121	1264490	1260814	0.53	cps
Magnesium	24-2	613454	614324	613696	613824	0.07	cps
Manganese	55-2	244429	242813	245500	244247	0.55	cps
Molybdenum	94-1	6952	6935	6827	6905	0.98	cps
Molybdenum	95-1	5193	5118	4984	5098	2.07	cps
Molybdenum	96-1	5701	6076	6368	6049	5.53	cps
Molybdenum	97-1	2967	3242	3242	3150	5.04	cps
Molybdenum	98-1	7661	7686	7394	7580	2.13	cps
Neodymium	150-1	32212	32600	33582	32798	2.15	cps
Neodymium	150-2	10314	10271	10491	10359	1.13	cps
Nickel	60-2	13396	12829	12793	13006	2.60	cps
Phosphorus	31-2	3067	3659	3451	3392	8.85	cps
Potassium	39-2	191087	194734	193451	193091	0.96	cps
Rhodium	103-1	3612358	3471233	3531853	3538481	2.00	cps
Rhodium	103-2	1560545	1569320	1639790	1589885	2.73	cps
Scandium	45-1	2461894	2471634	2526149	2486559	1.39	cps
Scandium	45-2	91678	92324	95431	93144	2.15	cps
Selenium	77-2	53	40	33	42	24.12	cps
Selenium	78-2	80	64	69	71	11.53	cps
Selenium	82-1	38	31	88	52	59.74	cps
Silicon	28-1	3919496	3947624	3880411	3915844	0.86	cps
Silver	109-1	2417	2675	2509	2534	5.17	cps
Silver	107-1	2559	2734	2925	2739	6.70	cps
Sodium	23-2	198859	202431	201959	201083	0.96	cps
Strontium	86-1	254824	264245	259347	259472	1.82	cps
Strontium	88-1	2197387	2243058	2199248	2213231	1.17	cps
Sulfur	34-1	573236	575910	573355	574167	0.26	cps
Terbium	159-1	3985943	3867544	4056454	3969980	2.40	cps
Terbium	159-2	1679244	1655794	1740105	1691714	2.57	cps
Thallium	203-1	933	958	1092	995	8.56	cps
Thallium	205-1	2475	2742	2425	2548	6.68	cps
Tin	118-1	13457	13415	13882	13585	1.90	cps
Titanium	47-1	60437	61684	60060	60727	1.40	cps
Uranium	238-1	16620	16920	16795	16778	0.90	cps
Vanadium	51-2	55929	56170	55587	55895	0.52	cps
Yttrium	89-1	5920547	5806853	5847167	5858189	0.98	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-10	Instrumnet Name :	P8
Client Sample ID :	MH0AB2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:20:50	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	631331	639963	659842	643712	2.27	cps
Zinc	66-2	29374	29087	29063	29174	0.59	cps
Zirconium	90-1	11338	11563	11880	11594	2.35	cps
Zirconium	91-1	2525	2434	2484	2481	1.85	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-11	Instrumnet Name :	P8
Client Sample ID :	MH0AB3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:23:39	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	313152	320548	317518	317073	1.17	cps
Antimony	121-1	22477	23679	22686	22947	2.80	cps
Arsenic	75-2	10503	10703	10833	10680	1.56	cps
Barium	135-1	527571	520629	525413	524538	0.68	cps
Barium	137-1	907078	914145	908351	909858	0.41	cps
Beryllium	9-1	1610	1649	1544	1601	3.32	cps
Bismuth	209-1	2203901	2148640	2164657	2172399	1.31	cps
Bismuth	209-2	1180327	1205314	1196578	1194073	1.06	cps
Boron	11-1	9781	11582	12575	11313	12.52	cps
Boron	10-1	2032	2296	2382	2236	8.16	cps
Bromine	81-1	6228	6709	6278	6405	4.13	cps
Cadmium	106-1	2209	2025	2367	2200	7.77	cps
Cadmium	108-1	750	758	754	754	0.55	cps
Cadmium	111-1	10349	10586	10853	10596	2.38	cps
Calcium	43-1	944848	972803	966944	961532	1.53	cps
Calcium	44-1	15422165	16170002	15657348	15749839	2.43	cps
Chromium	52-2	32721	32611	32477	32603	0.37	cps
Cobalt	59-2	30950	31876	31191	31339	1.53	cps
Copper	63-2	225631	230855	228041	228176	1.15	cps
Dysprosium	156-1	18989	18822	19231	19014	1.08	cps
Dysprosium	156-2	7826	8173	8329	8109	3.18	cps
Erbium	164-1	16728	15927	16260	16305	2.47	cps
Erbium	164-2	6972	7446	7352	7256	3.46	cps
Gadolinium	160-1	18146	18013	17979	18046	0.49	cps
Gadolinium	160-2	9353	9714	9420	9496	2.02	cps
Holmium	165-1	3874368	3818508	3799229	3830702	1.02	cps
Holmium	165-2	1756652	1783320	1767889	1769287	0.76	cps
Indium	115-1	3841642	3812053	3760593	3804763	1.08	cps
Indium	115-2	585993	589666	593579	589746	0.64	cps
Iron	54-2	1481279	1526958	1511884	1506707	1.54	cps
Iron	56-2	26575949	27473721	26738760	26929477	1.78	cps
Iron	57-2	659824	688620	673754	674066	2.14	cps
Krypton	83-1	450	443	417	437	4.04	cps
Lead	207-1	1337595	1338867	1345253	1340572	0.31	cps
Lead	208-1	1318911	1350915	1353897	1341241	1.45	cps
Lead	206-1	1584181	1596546	1594165	1591631	0.41	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-11	Instrumnet Name :	P8
Client Sample ID :	MH0AB3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:23:39	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1321156	1286872	1284624	1297551	1.58	cps
Magnesium	24-2	536346	546462	539681	540829	0.95	cps
Manganese	55-2	468534	481404	476664	475534	1.37	cps
Molybdenum	94-1	14199	13582	13448	13743	2.91	cps
Molybdenum	95-1	18329	18613	18146	18363	1.28	cps
Molybdenum	96-1	19197	19731	19222	19383	1.55	cps
Molybdenum	97-1	11288	11430	11438	11386	0.74	cps
Molybdenum	98-1	28889	29023	28822	28911	0.35	cps
Neodymium	150-1	28838	30435	30027	29767	2.79	cps
Neodymium	150-2	9820	10164	9844	9943	1.93	cps
Nickel	60-2	24454	25099	25576	25043	2.25	cps
Phosphorus	31-2	7102	6935	7536	7191	4.31	cps
Potassium	39-2	213697	217469	218214	216460	1.12	cps
Rhodium	103-1	3592872	3623690	3499105	3571889	1.82	cps
Rhodium	103-2	1605589	1654750	1674207	1644849	2.15	cps
Scandium	45-1	2542404	2580128	2492032	2538188	1.74	cps
Scandium	45-2	95870	97908	97397	97058	1.09	cps
Selenium	77-2	53	60	77	63	18.98	cps
Selenium	78-2	96	79	94	90	10.36	cps
Selenium	82-1	291	294	291	292	0.59	cps
Silicon	28-1	4138818	4222211	4151827	4170952	1.08	cps
Silver	109-1	13198	13415	14099	13571	3.46	cps
Silver	107-1	14658	14708	14266	14544	1.67	cps
Sodium	23-2	158109	159295	163145	160183	1.64	cps
Strontium	86-1	683585	703684	695527	694265	1.46	cps
Strontium	88-1	5733209	5861417	5828451	5807692	1.15	cps
Sulfur	34-1	634233	637914	630268	634138	0.60	cps
Terbium	159-1	4118397	4096251	4048399	4087682	0.88	cps
Terbium	159-2	1719067	1766041	1745027	1743378	1.35	cps
Thallium	203-1	2534	2634	2534	2567	2.25	cps
Thallium	205-1	6202	6744	6268	6405	4.61	cps
Tin	118-1	92529	93897	92679	93035	0.81	cps
Titanium	47-1	122799	126027	125219	124682	1.35	cps
Uranium	238-1	30153	30913	30537	30535	1.25	cps
Vanadium	51-2	64833	65576	66349	65586	1.16	cps
Yttrium	89-1	6091192	6085872	5914181	6030415	1.67	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-11	Instrumnet Name :	P8
Client Sample ID :	MH0AB3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:23:39	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	664105	672313	669670	668696	0.63	cps
Zinc	66-2	202299	207226	208394	205973	1.57	cps
Zirconium	90-1	9945	10321	9920	10062	2.23	cps
Zirconium	91-1	2134	2250	2259	2214	3.16	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-12	Instrumnet Name :	P8
Client Sample ID :	MH0AB4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:26:29	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	291388	289192	289461	290014	0.41	cps
Antimony	121-1	21927	23888	24456	23423	5.67	cps
Arsenic	75-2	9562	9760	9657	9660	1.02	cps
Barium	135-1	461026	477756	480577	473120	2.23	cps
Barium	137-1	803607	829503	819439	817516	1.60	cps
Beryllium	9-1	1481	1395	1436	1437	3.00	cps
Bismuth	209-1	2168728	2172428	2254064	2198407	2.19	cps
Bismuth	209-2	1226042	1230787	1230621	1229150	0.22	cps
Boron	11-1	10190	11584	13017	11597	12.19	cps
Boron	10-1	2124	2310	2572	2335	9.64	cps
Bromine	81-1	6138	6168	6128	6144	0.34	cps
Cadmium	106-1	2334	2084	2467	2295	8.48	cps
Cadmium	108-1	608	575	608	597	3.22	cps
Cadmium	111-1	9948	10330	10558	10279	3.00	cps
Calcium	43-1	892934	932686	939071	921563	2.71	cps
Calcium	44-1	14896166	15390360	15722273	15336267	2.71	cps
Chromium	52-2	28625	29043	28876	28848	0.73	cps
Cobalt	59-2	29126	28889	28782	28933	0.61	cps
Copper	63-2	213060	213975	215450	214161	0.56	cps
Dysprosium	156-1	16703	17345	17896	17314	3.45	cps
Dysprosium	156-2	7429	7616	7876	7640	2.94	cps
Erbium	164-1	15301	14633	14859	14931	2.27	cps
Erbium	164-2	6778	7042	6648	6823	2.94	cps
Gadolinium	160-1	16085	17403	16486	16658	4.06	cps
Gadolinium	160-2	8653	8866	8626	8715	1.51	cps
Holmium	165-1	3727478	3828950	3871175	3809201	1.94	cps
Holmium	165-2	1826027	1800835	1794009	1806957	0.93	cps
Indium	115-1	3821007	3887364	3854226	3854199	0.86	cps
Indium	115-2	605244	612981	611518	609914	0.67	cps
Iron	54-2	1423977	1417171	1409536	1416895	0.51	cps
Iron	56-2	25233438	25320543	25158286	25237422	0.32	cps
Iron	57-2	633404	635178	625110	631231	0.85	cps
Krypton	83-1	497	427	443	456	8.03	cps
Lead	207-1	1275383	1319393	1347376	1314051	2.76	cps
Lead	208-1	1306135	1287059	1334343	1309179	1.82	cps
Lead	206-1	1517587	1579947	1565168	1554234	2.10	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-12	Instrumnet Name :	P8
Client Sample ID :	MH0AB4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:26:29	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1283683	1316013	1298552	1299416	1.25	cps
Magnesium	24-2	517514	510922	509380	512605	0.84	cps
Manganese	55-2	436938	432291	429736	432989	0.84	cps
Molybdenum	94-1	13524	13999	14149	13891	2.35	cps
Molybdenum	95-1	17895	18112	17937	17981	0.64	cps
Molybdenum	96-1	18913	19347	20232	19497	3.45	cps
Molybdenum	97-1	10854	11063	11597	11171	3.43	cps
Molybdenum	98-1	27645	29189	28413	28416	2.72	cps
Neodymium	150-1	26640	28263	28317	27740	3.44	cps
Neodymium	150-2	9327	9547	9417	9430	1.17	cps
Nickel	60-2	23339	23793	23847	23660	1.18	cps
Phosphorus	31-2	6460	6560	6377	6466	1.42	cps
Potassium	39-2	208903	210622	207403	208976	0.77	cps
Rhodium	103-1	3566098	3687205	3665873	3639725	1.78	cps
Rhodium	103-2	1698279	1668887	1685247	1684138	0.87	cps
Scandium	45-1	2505448	2542720	2547864	2532011	0.91	cps
Scandium	45-2	99018	99562	99864	99481	0.43	cps
Selenium	77-2	63	80	77	73	12.03	cps
Selenium	78-2	100	91	90	94	5.88	cps
Selenium	82-1	221	323	248	264	20.03	cps
Silicon	28-1	3781338	3832215	3870868	3828140	1.17	cps
Silver	109-1	13240	13540	13432	13404	1.13	cps
Silver	107-1	13157	14500	14466	14041	5.45	cps
Sodium	23-2	151944	149543	154166	151884	1.52	cps
Strontium	86-1	631763	651043	659095	647301	2.17	cps
Strontium	88-1	5362251	5490555	5533172	5461993	1.63	cps
Sulfur	34-1	627197	635020	630902	631040	0.62	cps
Terbium	159-1	4075149	4125302	4127373	4109274	0.72	cps
Terbium	159-2	1757083	1812687	1786378	1785383	1.56	cps
Thallium	203-1	2584	2459	2784	2609	6.29	cps
Thallium	205-1	6335	6210	6043	6196	2.36	cps
Tin	118-1	70632	73061	75040	72911	3.03	cps
Titanium	47-1	110600	116379	117816	114931	3.32	cps
Uranium	238-1	28817	28741	29401	28986	1.25	cps
Vanadium	51-2	60802	61424	60919	61048	0.54	cps
Yttrium	89-1	6080824	6145331	6084489	6103548	0.59	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4878-12	Instrumnet Name :	P8
Client Sample ID :	MH0AB4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:26:29	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	675923	686532	683250	681902	0.80	cps
Zinc	66-2	185693	186584	184585	185621	0.54	cps
Zirconium	90-1	8586	8978	9612	9059	5.71	cps
Zirconium	91-1	1850	2475	2100	2142	14.69	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:30:20	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	917555	902049	925371	914992	1.30	cps
Antimony	121-1	1500717	1511270	1506501	1506163	0.35	cps
Arsenic	75-2	49992	49612	50469	50025	0.86	cps
Barium	135-1	1526932	1525851	1513864	1522216	0.48	cps
Barium	137-1	2641723	2637068	2687937	2655576	1.06	cps
Beryllium	9-1	304705	311936	308883	308508	1.18	cps
Bismuth	209-1	2130770	2076661	2001305	2069579	3.14	cps
Bismuth	209-2	1177589	1156016	1169977	1167860	0.94	cps
Boron	11-1	107933	119732	128959	118875	8.87	cps
Boron	10-1	21299	23614	25327	23413	8.63	cps
Bromine	81-1	3244	3324	3184	3250	2.16	cps
Cadmium	106-1	35229	36958	35129	35772	2.88	cps
Cadmium	108-1	24564	24902	24351	24605	1.13	cps
Cadmium	111-1	328264	337455	335279	333666	1.44	cps
Calcium	43-1	1862563	1921093	1872974	1885543	1.66	cps
Calcium	44-1	30989780	31390214	31470364	31283453	0.82	cps
Chromium	52-2	429839	421925	430880	427548	1.15	cps
Cobalt	59-2	715841	719839	730573	722084	1.06	cps
Copper	63-2	5488824	5476359	5595180	5520121	1.18	cps
Dysprosium	156-1	25	92	100	72	56.92	cps
Dysprosium	156-2	50	47	40	46	11.18	cps
Erbium	164-1	25	58	50	44	39.04	cps
Erbium	164-2	23	10	13	16	44.60	cps
Gadolinium	160-1	150	125	117	131	13.29	cps
Gadolinium	160-2	63	57	53	58	8.81	cps
Holmium	165-1	3815792	3695923	3651563	3721093	2.28	cps
Holmium	165-2	1809821	1802059	1781860	1797913	0.80	cps
Indium	115-1	3714122	3614182	3525941	3618082	2.60	cps
Indium	115-2	575207	565632	567449	569429	0.89	cps
Iron	54-2	4355160	4306144	4428394	4363232	1.41	cps
Iron	56-2	80323130	78575093	80402143	79766789	1.29	cps
Iron	57-2	2008610	2012232	2027165	2016002	0.49	cps
Krypton	83-1	397	400	397	398	0.48	cps
Lead	207-1	3410288	3414339	3441691	3422106	0.50	cps
Lead	208-1	2803371	2933487	2890653	2875837	2.31	cps
Lead	206-1	3746740	3778425	3809376	3778180	0.83	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:30:20	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1241788	1208366	1174517	1208224	2.78	cps
Magnesium	24-2	14219679	14037512	14419451	14225548	1.34	cps
Manganese	55-2	2044031	2037252	2048308	2043197	0.27	cps
Molybdenum	94-1	2875852	2921028	2900939	2899273	0.78	cps
Molybdenum	95-1	3554030	3588522	3561181	3567911	0.51	cps
Molybdenum	96-1	3907215	3905804	3872316	3895112	0.51	cps
Molybdenum	97-1	2157722	2200605	2178249	2178859	0.98	cps
Molybdenum	98-1	5463560	5588686	5554283	5535510	1.17	cps
Neodymium	150-1	80	60	47	62	26.96	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	198488	194643	200462	197864	1.50	cps
Phosphorus	31-2	12798	13798	13582	13393	3.93	cps
Potassium	39-2	5630458	5653303	5604683	5629482	0.43	cps
Rhodium	103-1	3532685	3465176	3364453	3454105	2.45	cps
Rhodium	103-2	1660725	1596654	1596110	1617830	2.30	cps
Scandium	45-1	2609402	2514968	2436708	2520359	3.43	cps
Scandium	45-2	96773	94907	95663	95781	0.98	cps
Selenium	77-2	693	703	823	740	9.78	cps
Selenium	78-2	2585	2418	2539	2514	3.42	cps
Selenium	82-1	23832	23910	23598	23780	0.68	cps
Silicon	28-1	1786801	1855408	1917143	1853117	3.52	cps
Silver	109-1	1601125	1620540	1562200	1594622	1.86	cps
Silver	107-1	1676109	1655453	1659435	1663666	0.66	cps
Sodium	23-2	26171616	25884217	26708908	26254914	1.59	cps
Strontium	86-1	467086	479282	468964	471777	1.39	cps
Strontium	88-1	3940481	4003851	3982325	3975552	0.81	cps
Sulfur	34-1	659065	657728	660024	658939	0.18	cps
Terbium	159-1	4092515	4062155	3837573	3997414	3.48	cps
Terbium	159-2	1775084	1702777	1737670	1738510	2.08	cps
Thallium	203-1	865750	885216	881768	877578	1.18	cps
Thallium	205-1	2079888	2091751	2082570	2084736	0.30	cps
Tin	118-1	1049045	1062691	1063705	1058480	0.77	cps
Titanium	47-1	1017022	1019000	1017625	1017883	0.10	cps
Uranium	238-1	2450137	2504649	2534555	2496447	1.71	cps
Vanadium	51-2	354706	350168	360231	355035	1.42	cps
Yttrium	89-1	5814697	5534296	5435133	5594708	3.52	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:30:20	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	638862	627654	627129	631215	1.05	cps
Zinc	66-2	754343	744518	765410	754757	1.38	cps
Zirconium	90-1	2431345	2439039	2467663	2446016	0.78	cps
Zirconium	91-1	557106	556381	551897	555128	0.51	cps

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : CCB31 Instrumnet Name : P8
 Client Sample ID : CCB31 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 16:39:34 DataFile Name : 036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	391	390	355	379	5.43	cps
Antimony	121-1	75	50	142	89	53.31	cps
Arsenic	75-2	10	3	3	5	77.17	cps
Barium	135-1	67	25	50	47	44.41	cps
Barium	137-1	33	92	42	56	56.79	cps
Beryllium	9-1	123	108	118	116	6.74	cps
Bismuth	209-1	2117973	2113852	2114897	2115574	0.10	cps
Bismuth	209-2	1146459	1127920	1130622	1135000	0.88	cps
Boron	11-1	3110	3078	2938	3042	3.01	cps
Boron	10-1	704	568	606	626	11.21	cps
Bromine	81-1	2813	3013	2763	2863	4.63	cps
Cadmium	106-1	1192	1158	1075	1142	5.26	cps
Cadmium	108-1	17	8	8	11	43.34	cps
Cadmium	111-1	827	830	763	807	4.66	cps
Calcium	43-1	264	252	289	268	6.92	cps
Calcium	44-1	17184	16659	17271	17038	1.94	cps
Chromium	52-2	567	580	613	587	4.10	cps
Cobalt	59-2	60	60	37	52	25.79	cps
Copper	63-2	1082	1202	979	1087	10.25	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	0	33	25	19	89.21	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	3775100	3720264	3694653	3730006	1.10	cps
Holmium	165-2	1667223	1678294	1689479	1678332	0.66	cps
Indium	115-1	3691045	3726768	3651200	3689671	1.02	cps
Indium	115-2	550880	545457	547129	547822	0.51	cps
Iron	54-2	439	522	494	485	8.75	cps
Iron	56-2	3173	3562	3634	3456	7.18	cps
Iron	57-2	150	161	117	143	16.22	cps
Krypton	83-1	447	393	373	404	9.37	cps
Lead	207-1	383	394	350	376	6.15	cps
Lead	208-1	407	328	369	368	10.68	cps
Lead	206-1	422	344	467	411	15.05	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P8
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:39:34	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1184707	1225585	1201672	1203988	1.71	cps
Magnesium	24-2	642	625	708	658	6.70	cps
Manganese	55-2	107	127	133	122	11.36	cps
Molybdenum	94-1	92	42	50	61	43.83	cps
Molybdenum	95-1	142	25	50	72	85.05	cps
Molybdenum	96-1	100	92	58	83	26.45	cps
Molybdenum	97-1	67	8	8	28	121.26	cps
Molybdenum	98-1	133	92	75	100	30.05	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	313	290	300	301	3.89	cps
Phosphorus	31-2	158	175	183	172	7.39	cps
Potassium	39-2	26082	26358	27068	26503	1.92	cps
Rhodium	103-1	3560441	3594037	3565166	3573215	0.51	cps
Rhodium	103-2	1591514	1560151	1590088	1580584	1.12	cps
Scandium	45-1	2432757	2473664	2433457	2446626	0.96	cps
Scandium	45-2	90426	91127	89966	90507	0.65	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	44	40	28	37	22.30	cps
Selenium	82-1	-43	-19	8	-18	-141.89	cps
Silicon	28-1	900530	880094	882021	887549	1.27	cps
Silver	109-1	75	142	42	86	59.13	cps
Silver	107-1	58	100	150	103	44.65	cps
Sodium	23-2	40039	39111	40106	39752	1.40	cps
Strontium	86-1	608	708	617	644	8.61	cps
Strontium	88-1	150	92	175	139	30.79	cps
Sulfur	34-1	534762	536451	536861	536024	0.21	cps
Terbium	159-1	3909926	4054737	3940552	3968405	1.92	cps
Terbium	159-2	1688702	1627519	1673510	1663244	1.92	cps
Thallium	203-1	233	158	242	211	21.74	cps
Thallium	205-1	567	442	525	511	12.45	cps
Tin	118-1	283	233	258	258	9.68	cps
Titanium	47-1	317	267	367	317	15.79	cps
Uranium	238-1	17	17	0	11	86.60	cps
Vanadium	51-2	7	10	17	11	45.82	cps
Yttrium	89-1	5516357	5585991	5590122	5564156	0.74	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P8
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:39:34	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	602085	593057	593003	596049	0.88	cps
Zinc	66-2	103	107	117	109	6.37	cps
Zirconium	90-1	250	300	225	258	14.78	cps
Zirconium	91-1	75	50	67	64	19.92	cps

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : PB133335BL Instrumnet Name : P8
 Client Sample ID : PB133335BL Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 16:42:25 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	399	334	374	369	8.89	cps
Antimony	121-1	75	50	100	75	33.33	cps
Arsenic	75-2	3	6	2	4	55.81	cps
Barium	135-1	42	25	0	22	94.38	cps
Barium	137-1	33	17	67	39	65.47	cps
Beryllium	9-1	105	103	111	106	4.04	cps
Bismuth	209-1	2042803	2066051	2135471	2081442	2.32	cps
Bismuth	209-2	1167822	1156460	1170011	1164764	0.62	cps
Boron	11-1	2420	2378	2336	2378	1.77	cps
Boron	10-1	492	478	504	491	2.65	cps
Bromine	81-1	2623	2893	2923	2813	5.88	cps
Cadmium	106-1	1167	1217	1358	1247	7.97	cps
Cadmium	108-1	8	0	8	6	86.60	cps
Cadmium	111-1	819	860	953	878	7.84	cps
Calcium	43-1	300	264	295	286	6.86	cps
Calcium	44-1	18193	17524	17074	17597	3.20	cps
Chromium	52-2	567	590	587	581	2.17	cps
Cobalt	59-2	70	70	53	64	14.93	cps
Copper	63-2	948	971	945	955	1.50	cps
Dysprosium	156-1	33	8	17	19	65.47	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	33	50	8	31	68.64	cps
Erbium	164-2	10	13	7	10	33.30	cps
Gadolinium	160-1	33	33	8	25	57.74	cps
Gadolinium	160-2	3	13	13	10	57.75	cps
Holmium	165-1	3664721	3632549	3748502	3681924	1.63	cps
Holmium	165-2	1700421	1719466	1724096	1714661	0.73	cps
Indium	115-1	3629996	3628312	3707916	3655408	1.24	cps
Indium	115-2	560096	564084	562247	562142	0.36	cps
Iron	54-2	422	550	422	465	15.87	cps
Iron	56-2	3468	3250	3384	3367	3.26	cps
Iron	57-2	117	122	161	133	18.16	cps
Krypton	83-1	390	440	387	406	7.37	cps
Lead	207-1	389	294	322	335	14.48	cps
Lead	208-1	265	468	383	372	27.43	cps
Lead	206-1	383	428	478	430	11.00	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	PB133335BL	Instrumnet Name :	P8
Client Sample ID :	PB133335BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:42:25	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1135193	1191161	1160188	1162181	2.41	cps
Magnesium	24-2	700	583	525	603	14.78	cps
Manganese	55-2	150	117	127	131	13.04	cps
Molybdenum	94-1	142	75	175	131	39.00	cps
Molybdenum	95-1	8	42	42	31	62.99	cps
Molybdenum	96-1	50	42	50	47	10.18	cps
Molybdenum	97-1	25	17	17	19	24.73	cps
Molybdenum	98-1	33	8	25	22	57.29	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	253	280	303	279	8.97	cps
Phosphorus	31-2	233	233	217	228	4.23	cps
Potassium	39-2	26516	26266	26709	26497	0.84	cps
Rhodium	103-1	3499288	3496659	3582372	3526106	1.38	cps
Rhodium	103-2	1589843	1643644	1611398	1614962	1.68	cps
Scandium	45-1	2396803	2409039	2381740	2395861	0.57	cps
Scandium	45-2	92227	94968	93270	93488	1.48	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	62	47	45	51	18.11	cps
Selenium	82-1	36	-12	2	9	276.45	cps
Silicon	28-1	894177	879450	899428	891019	1.16	cps
Silver	109-1	75	108	92	92	18.18	cps
Silver	107-1	83	142	67	97	40.50	cps
Sodium	23-2	38777	38827	37799	38468	1.51	cps
Strontium	86-1	742	558	567	622	16.64	cps
Strontium	88-1	200	200	142	181	18.65	cps
Sulfur	34-1	538093	537320	535249	536887	0.27	cps
Terbium	159-1	3794732	3857949	3865721	3839467	1.01	cps
Terbium	159-2	1677454	1689494	1700607	1689185	0.69	cps
Thallium	203-1	117	200	175	164	26.09	cps
Thallium	205-1	392	483	442	439	10.46	cps
Tin	118-1	250	192	225	222	13.17	cps
Titanium	47-1	292	350	242	294	18.41	cps
Uranium	238-1	17	8	0	8	100.02	cps
Vanadium	51-2	7	13	10	10	33.30	cps
Yttrium	89-1	5466815	5427192	5519218	5471075	0.84	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	PB133335BL	Instrumnet Name :	P8
Client Sample ID :	PB133335BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:42:25	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	609206	620344	613889	614480	0.91	cps
Zinc	66-2	130	103	113	116	11.66	cps
Zirconium	90-1	175	200	383	253	45.00	cps
Zirconium	91-1	50	50	42	47	10.18	cps

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : PB133335BS Instrumnet Name : P8
 Client Sample ID : PB133335BS Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 16:45:18 DataFile Name : 038LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192521	193739	191078	192446	0.69	cps
Antimony	121-1	1476847	1529841	1515036	1507241	1.81	cps
Arsenic	75-2	51183	51186	51822	51397	0.72	cps
Barium	135-1	1448049	1545831	1521215	1505032	3.38	cps
Barium	137-1	2524395	2663281	2666725	2618134	3.10	cps
Beryllium	9-1	295444	310715	311402	305854	2.95	cps
Bismuth	209-1	2117055	2201426	2268014	2195498	3.45	cps
Bismuth	209-2	1206203	1213374	1207489	1209022	0.32	cps
Boron	11-1	91386	109461	121450	107432	14.09	cps
Boron	10-1	18666	21950	24065	21560	12.62	cps
Bromine	81-1	2883	2793	3264	2980	8.38	cps
Cadmium	106-1	33967	37510	36749	36075	5.17	cps
Cadmium	108-1	23967	25328	24898	24731	2.81	cps
Cadmium	111-1	325066	340516	344659	336747	3.07	cps
Calcium	43-1	364783	378781	381846	375137	2.42	cps
Calcium	44-1	6051912	6230425	6340764	6207701	2.35	cps
Chromium	52-2	424397	428633	424256	425762	0.58	cps
Cobalt	59-2	742644	744319	741805	742923	0.17	cps
Copper	63-2	5439333	5356243	5346910	5380829	0.95	cps
Dysprosium	156-1	58	67	75	67	12.50	cps
Dysprosium	156-2	20	30	27	26	19.92	cps
Erbium	164-1	25	0	50	25	100.00	cps
Erbium	164-2	23	23	17	21	18.21	cps
Gadolinium	160-1	50	83	67	67	25.00	cps
Gadolinium	160-2	37	37	47	40	14.43	cps
Holmium	165-1	3734110	3822547	3825122	3793926	1.37	cps
Holmium	165-2	1833653	1819365	1776471	1809830	1.64	cps
Indium	115-1	3632337	3705917	3720312	3686189	1.28	cps
Indium	115-2	588923	583563	581394	584627	0.66	cps
Iron	54-2	898110	904846	894422	899126	0.59	cps
Iron	56-2	16088534	16443777	15958051	16163454	1.56	cps
Iron	57-2	402560	402871	397933	401121	0.69	cps
Krypton	83-1	387	387	373	382	2.01	cps
Lead	207-1	3295551	3490424	3502171	3429382	3.38	cps
Lead	208-1	2920359	3143474	3164648	3076160	4.40	cps
Lead	206-1	3707351	3881782	3867725	3818953	2.54	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	PB133335BS	Instrumnet Name :	P8
Client Sample ID :	PB133335BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:45:18	DataFile Name :	038LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1192149	1248419	1188189	1209586	2.79	cps
Magnesium	24-2	2942308	2965369	2894575	2934084	1.23	cps
Manganese	55-2	2109317	2105630	2030073	2081673	2.15	cps
Molybdenum	94-1	2780453	2839482	2938328	2852754	2.80	cps
Molybdenum	95-1	3414795	3577367	3626226	3539463	3.13	cps
Molybdenum	96-1	3677624	3921746	3902996	3834122	3.54	cps
Molybdenum	97-1	2094286	2234212	2166008	2164835	3.23	cps
Molybdenum	98-1	5378471	5640473	5502368	5507104	2.38	cps
Neodymium	150-1	53	80	93	76	26.96	cps
Neodymium	150-2	10	20	17	16	32.73	cps
Nickel	60-2	202257	202655	202183	202365	0.13	cps
Phosphorus	31-2	13957	13390	13615	13654	2.09	cps
Potassium	39-2	1226009	1225077	1210383	1220489	0.72	cps
Rhodium	103-1	3528175	3629114	3575666	3577652	1.41	cps
Rhodium	103-2	1654479	1644730	1672773	1657327	0.86	cps
Scandium	45-1	2521045	2536039	2525600	2527561	0.30	cps
Scandium	45-2	98066	97669	97455	97730	0.32	cps
Selenium	77-2	740	760	660	720	7.35	cps
Selenium	78-2	2602	2597	2592	2597	0.19	cps
Selenium	82-1	22961	23833	24118	23637	2.55	cps
Silicon	28-1	1851255	2062232	2150525	2021337	7.61	cps
Silver	109-1	1550700	1621777	1650819	1607765	3.20	cps
Silver	107-1	1624981	1720121	1701881	1682328	3.00	cps
Sodium	23-2	5761288	5697361	5744209	5734286	0.58	cps
Strontium	86-1	454603	469327	468855	464262	1.80	cps
Strontium	88-1	3844966	3989253	3944283	3926167	1.88	cps
Sulfur	34-1	664306	667074	667674	666351	0.27	cps
Terbium	159-1	4003858	4106324	4115193	4075125	1.52	cps
Terbium	159-2	1803171	1769262	1751561	1774664	1.48	cps
Thallium	203-1	862827	887964	891012	880601	1.76	cps
Thallium	205-1	2050269	2167337	2160168	2125925	3.09	cps
Tin	118-1	1029502	1075585	1068828	1057972	2.35	cps
Titanium	47-1	964574	1019327	1016053	999985	3.07	cps
Uranium	238-1	2438046	2580123	2541291	2519820	2.91	cps
Vanadium	51-2	357223	358778	352669	356224	0.89	cps
Yttrium	89-1	5621435	5755832	5720662	5699310	1.22	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	PB133335BS	Instrumnet Name :	P8
Client Sample ID :	PB133335BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:45:18	DataFile Name :	038LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	643425	638062	640409	640632	0.42	cps
Zinc	66-2	744744	748658	744515	745972	0.31	cps
Zirconium	90-1	2321054	2452556	2426486	2400032	2.90	cps
Zirconium	91-1	518595	548623	548937	538718	3.24	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4812-01	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW007	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:48:07	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	479	505	467	484	3.98	cps
Antimony	121-1	900	483	525	636	36.08	cps
Arsenic	75-2	21	19	15	19	15.75	cps
Barium	135-1	11639	11397	11380	11472	1.26	cps
Barium	137-1	19723	19840	19790	19784	0.30	cps
Beryllium	9-1	291	226	217	245	16.65	cps
Bismuth	209-1	2266132	2289751	2253086	2269656	0.82	cps
Bismuth	209-2	1213167	1219346	1231620	1221377	0.77	cps
Boron	11-1	20030	18144	17093	18422	8.08	cps
Boron	10-1	3932	3770	3472	3724	6.27	cps
Bromine	81-1	3915	3694	3774	3794	2.94	cps
Cadmium	106-1	1417	1383	1225	1342	7.63	cps
Cadmium	108-1	4	0	13	6	114.53	cps
Cadmium	111-1	1085	1023	899	1002	9.44	cps
Calcium	43-1	721310	717110	723854	720758	0.47	cps
Calcium	44-1	12003622	12131813	11977583	12037673	0.69	cps
Chromium	52-2	893	980	867	913	6.49	cps
Cobalt	59-2	123	107	83	104	19.24	cps
Copper	63-2	1843	1864	1604	1770	8.14	cps
Dysprosium	156-1	25	42	33	33	25.01	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	58	25	58	47	40.76	cps
Erbium	164-2	20	10	20	17	34.64	cps
Gadolinium	160-1	50	25	17	31	56.77	cps
Gadolinium	160-2	10	17	17	14	26.66	cps
Holmium	165-1	3999087	3994854	4017113	4003684	0.30	cps
Holmium	165-2	1765911	1784027	1796662	1782200	0.87	cps
Indium	115-1	3899052	3998563	3941516	3946377	1.27	cps
Indium	115-2	584717	591563	593542	589941	0.78	cps
Iron	54-2	733	656	622	670	8.51	cps
Iron	56-2	6307	6474	6251	6344	1.82	cps
Iron	57-2	267	350	261	293	17.02	cps
Krypton	83-1	437	383	460	427	9.21	cps
Lead	207-1	1006	761	611	793	25.12	cps
Lead	208-1	1075	582	485	714	44.35	cps
Lead	206-1	1106	650	706	820	30.30	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4812-01	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW007	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:48:07	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1223926	1236241	1259143	1239770	1.44	cps
Magnesium	24-2	494417	484362	481808	486862	1.37	cps
Manganese	55-2	300	237	277	271	11.82	cps
Molybdenum	94-1	908	442	392	581	49.09	cps
Molybdenum	95-1	1083	600	392	692	51.30	cps
Molybdenum	96-1	1500	542	458	833	69.47	cps
Molybdenum	97-1	742	367	200	436	63.62	cps
Molybdenum	98-1	1575	867	642	1028	47.39	cps
Neodymium	150-1	7	20	20	16	49.47	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	323	323	333	327	1.77	cps
Phosphorus	31-2	217	150	208	192	18.95	cps
Potassium	39-2	87046	85503	83643	85397	2.00	cps
Rhodium	103-1	3726609	3832407	3819211	3792743	1.52	cps
Rhodium	103-2	1664564	1669965	1695133	1676554	0.97	cps
Scandium	45-1	2682903	2688143	2664178	2678408	0.47	cps
Scandium	45-2	96139	98200	97548	97296	1.08	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	46	36	44	42	12.60	cps
Selenium	82-1	-58	-8	-70	-45	-72.50	cps
Silicon	28-1	5802767	5790455	5824435	5805886	0.30	cps
Silver	109-1	417	175	183	258	53.10	cps
Silver	107-1	358	217	225	267	29.81	cps
Sodium	23-2	253958	251236	248416	251203	1.10	cps
Strontium	86-1	408859	411539	415926	412108	0.87	cps
Strontium	88-1	3445923	3540197	3512983	3499701	1.39	cps
Sulfur	34-1	572076	569695	572433	571401	0.26	cps
Terbium	159-1	4220137	4317362	4246869	4261456	1.18	cps
Terbium	159-2	1755447	1771975	1762556	1763326	0.47	cps
Thallium	203-1	800	575	417	597	32.25	cps
Thallium	205-1	2150	1375	1258	1595	30.40	cps
Tin	118-1	342	325	283	317	9.49	cps
Titanium	47-1	650	325	342	439	41.70	cps
Uranium	238-1	1367	1092	1017	1158	15.91	cps
Vanadium	51-2	50	40	47	46	11.18	cps
Yttrium	89-1	5928568	6090356	6160167	6059697	1.96	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4812-01	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW007	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:48:07	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	634668	639526	645687	639960	0.86	cps
Zinc	66-2	433	343	377	384	11.84	cps
Zirconium	90-1	867	667	450	661	31.52	cps
Zirconium	91-1	208	92	142	147	39.76	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4812-02	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW007-9001	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:50:57	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	474	465	465	468	1.08	cps
Antimony	121-1	150	133	183	156	16.37	cps
Arsenic	75-2	20	18	12	16	25.52	cps
Barium	135-1	11088	10980	11138	11069	0.73	cps
Barium	137-1	19081	19707	19531	19439	1.66	cps
Beryllium	9-1	182	162	165	170	6.39	cps
Bismuth	209-1	2296858	2251498	2289617	2279324	1.07	cps
Bismuth	209-2	1180601	1215364	1209349	1201771	1.55	cps
Boron	11-1	8851	8589	8591	8677	1.74	cps
Boron	10-1	1646	1652	1700	1666	1.78	cps
Bromine	81-1	4385	3694	4165	4081	8.65	cps
Cadmium	106-1	1133	1033	1325	1164	12.74	cps
Cadmium	108-1	17	4	8	10	65.47	cps
Cadmium	111-1	815	733	938	829	12.48	cps
Calcium	43-1	712339	717123	701975	710479	1.09	cps
Calcium	44-1	11638989	11975149	11599453	11737864	1.76	cps
Chromium	52-2	860	880	923	888	3.65	cps
Cobalt	59-2	87	70	123	93	29.24	cps
Copper	63-2	1277	1288	1310	1292	1.27	cps
Dysprosium	156-1	33	58	8	33	75.02	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	58	42	50	50	16.67	cps
Erbium	164-2	17	27	7	17	59.99	cps
Gadolinium	160-1	67	33	58	53	32.88	cps
Gadolinium	160-2	13	13	10	12	15.73	cps
Holmium	165-1	3942839	3999157	3940352	3960783	0.84	cps
Holmium	165-2	1725957	1745244	1759318	1743506	0.96	cps
Indium	115-1	3912968	3858327	3871948	3881081	0.73	cps
Indium	115-2	579253	583354	584829	582479	0.50	cps
Iron	54-2	594	572	578	582	1.99	cps
Iron	56-2	6440	6235	6529	6402	2.36	cps
Iron	57-2	267	306	367	313	16.11	cps
Krypton	83-1	397	400	363	387	5.24	cps
Lead	207-1	411	372	394	393	4.97	cps
Lead	208-1	183	290	247	240	22.48	cps
Lead	206-1	506	389	561	485	18.12	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4812-02	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW007-9001	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:50:57	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1225046	1281398	1256690	1254378	2.25	cps
Magnesium	24-2	479801	475596	485052	480150	0.99	cps
Manganese	55-2	310	267	243	273	12.38	cps
Molybdenum	94-1	167	217	217	200	14.43	cps
Molybdenum	95-1	200	75	108	128	50.66	cps
Molybdenum	96-1	142	125	167	144	14.52	cps
Molybdenum	97-1	50	75	50	58	24.74	cps
Molybdenum	98-1	217	192	242	217	11.54	cps
Neodymium	150-1	53	40	7	33	72.11	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	310	337	353	333	6.56	cps
Phosphorus	31-2	175	200	258	211	20.25	cps
Potassium	39-2	85998	86870	85327	86065	0.90	cps
Rhodium	103-1	3766329	3715161	3683711	3721734	1.12	cps
Rhodium	103-2	1636991	1667067	1640209	1648089	1.00	cps
Scandium	45-1	2643738	2657044	2610445	2637076	0.91	cps
Scandium	45-2	96277	95951	96294	96174	0.20	cps
Selenium	77-2	13	7	0	7	99.98	cps
Selenium	78-2	48	59	45	51	14.56	cps
Selenium	82-1	-31	-30	16	-15	-176.83	cps
Silicon	28-1	5822482	5878286	5758783	5819850	1.03	cps
Silver	109-1	108	58	83	83	30.00	cps
Silver	107-1	183	67	67	106	63.81	cps
Sodium	23-2	245430	248438	253195	249021	1.57	cps
Strontium	86-1	409634	408385	402653	406891	0.91	cps
Strontium	88-1	3427587	3525422	3435353	3462787	1.57	cps
Sulfur	34-1	587286	587381	587062	587243	0.03	cps
Terbium	159-1	4329507	4177048	4228316	4244957	1.83	cps
Terbium	159-2	1714397	1771668	1740202	1742089	1.65	cps
Thallium	203-1	150	150	133	144	6.66	cps
Thallium	205-1	400	408	383	397	3.20	cps
Tin	118-1	450	367	400	406	10.34	cps
Titanium	47-1	467	442	442	450	3.21	cps
Uranium	238-1	817	867	917	867	5.77	cps
Vanadium	51-2	53	20	27	33	52.91	cps
Yttrium	89-1	5910950	6000533	5938920	5950134	0.77	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4812-02	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW007-9001	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:50:57	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	634066	640425	636101	636864	0.51	cps
Zinc	66-2	367	390	497	418	16.59	cps
Zirconium	90-1	333	350	350	344	2.79	cps
Zirconium	91-1	92	67	33	64	45.81	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4812-03	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW016	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:53:45	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	377	365	386	376	2.84	cps
Antimony	121-1	183	108	142	144	26.01	cps
Arsenic	75-2	15	10	9	11	28.73	cps
Barium	135-1	17545	18547	17996	18029	2.78	cps
Barium	137-1	31596	31980	31838	31805	0.61	cps
Beryllium	9-1	147	140	145	144	2.60	cps
Bismuth	209-1	2245502	2377793	2363077	2328791	3.11	cps
Bismuth	209-2	1194795	1211228	1244198	1216740	2.07	cps
Boron	11-1	5356	5650	5658	5555	3.10	cps
Boron	10-1	1098	1188	1152	1146	3.95	cps
Bromine	81-1	4195	4395	4125	4238	3.31	cps
Cadmium	106-1	1242	1350	1200	1264	6.13	cps
Cadmium	108-1	17	8	17	14	34.67	cps
Cadmium	111-1	874	952	849	892	5.99	cps
Calcium	43-1	896000	896879	892455	895111	0.26	cps
Calcium	44-1	14900066	14700644	14822598	14807769	0.68	cps
Chromium	52-2	753	910	767	810	10.72	cps
Cobalt	59-2	107	90	107	101	9.52	cps
Copper	63-2	1420	1311	1314	1348	4.63	cps
Dysprosium	156-1	33	17	25	25	33.32	cps
Dysprosium	156-2	20	10	10	13	43.30	cps
Erbium	164-1	50	33	58	47	26.96	cps
Erbium	164-2	17	23	3	14	70.51	cps
Gadolinium	160-1	8	75	42	42	80.00	cps
Gadolinium	160-2	20	20	10	17	34.64	cps
Holmium	165-1	3904441	4100788	4140350	4048526	3.12	cps
Holmium	165-2	1779983	1774795	1812421	1789066	1.14	cps
Indium	115-1	3776139	4043779	4066209	3962042	4.07	cps
Indium	115-2	570647	584534	595865	583682	2.16	cps
Iron	54-2	500	494	433	476	7.77	cps
Iron	56-2	4873	4751	4690	4771	1.96	cps
Iron	57-2	306	272	256	278	9.16	cps
Krypton	83-1	410	353	373	379	7.59	cps
Lead	207-1	444	422	333	400	14.70	cps
Lead	208-1	288	350	555	398	35.12	cps
Lead	206-1	489	567	517	524	7.52	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4812-03	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW016	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:53:45	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1222423	1273067	1270266	1255252	2.27	cps
Magnesium	24-2	447372	441691	437039	442034	1.17	cps
Manganese	55-2	157	163	190	170	10.37	cps
Molybdenum	94-1	125	175	158	153	16.67	cps
Molybdenum	95-1	67	92	33	64	45.81	cps
Molybdenum	96-1	158	117	92	122	27.56	cps
Molybdenum	97-1	58	17	50	42	52.91	cps
Molybdenum	98-1	167	133	133	144	13.32	cps
Neodymium	150-1	33	53	47	44	22.92	cps
Neodymium	150-2	13	13	10	12	15.73	cps
Nickel	60-2	457	477	380	438	11.66	cps
Phosphorus	31-2	325	150	208	228	39.12	cps
Potassium	39-2	79938	79519	78766	79408	0.75	cps
Rhodium	103-1	3627883	3778011	3871977	3759290	3.28	cps
Rhodium	103-2	1649667	1657835	1709408	1672303	1.94	cps
Scandium	45-1	2597248	2689172	2757185	2681202	2.99	cps
Scandium	45-2	94881	95959	97861	96234	1.57	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	51	48	47	49	4.29	cps
Selenium	82-1	20	16	22	19	15.78	cps
Silicon	28-1	4800035	4895730	4862398	4852721	1.00	cps
Silver	109-1	25	58	42	42	40.00	cps
Silver	107-1	158	75	58	97	55.11	cps
Sodium	23-2	444456	439739	441672	441956	0.54	cps
Strontium	86-1	451534	458245	458483	456087	0.86	cps
Strontium	88-1	3869908	3897718	3862255	3876627	0.48	cps
Sulfur	34-1	600247	594485	597149	597293	0.48	cps
Terbium	159-1	4163009	4346289	4400001	4303100	2.89	cps
Terbium	159-2	1754023	1764734	1786230	1768329	0.93	cps
Thallium	203-1	83	75	83	81	5.98	cps
Thallium	205-1	283	200	192	225	22.53	cps
Tin	118-1	458	392	483	444	10.66	cps
Titanium	47-1	400	258	267	308	25.78	cps
Uranium	238-1	850	783	767	800	5.51	cps
Vanadium	51-2	40	37	53	43	20.34	cps
Yttrium	89-1	5946169	6030190	6186401	6054253	2.01	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4812-03	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW016	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:53:45	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	618052	633404	639053	630170	1.72	cps
Zinc	66-2	407	437	450	431	5.15	cps
Zirconium	90-1	383	450	433	422	8.22	cps
Zirconium	91-1	108	150	92	117	25.76	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4812-04	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW005	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:56:36	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	450	456	481	462	3.58	cps
Antimony	121-1	208	200	208	206	2.34	cps
Arsenic	75-2	9	10	19	12	44.57	cps
Barium	135-1	24356	23779	24857	24331	2.22	cps
Barium	137-1	41230	41957	40787	41325	1.43	cps
Beryllium	9-1	119	153	109	127	18.09	cps
Bismuth	209-1	2155006	2250888	2264165	2223353	2.68	cps
Bismuth	209-2	1231798	1283181	1257940	1257640	2.04	cps
Boron	11-1	4790	4856	5024	4890	2.47	cps
Boron	10-1	948	880	1074	967	10.18	cps
Bromine	81-1	4045	4746	4315	4369	8.09	cps
Cadmium	106-1	1067	1133	1267	1156	8.81	cps
Cadmium	108-1	17	21	17	18	13.30	cps
Cadmium	111-1	756	787	888	810	8.49	cps
Calcium	43-1	784681	792824	794823	790776	0.68	cps
Calcium	44-1	12702603	13032968	13293997	13009856	2.28	cps
Chromium	52-2	747	753	710	737	3.17	cps
Cobalt	59-2	187	183	207	192	6.56	cps
Copper	63-2	1418	1355	1474	1415	4.22	cps
Dysprosium	156-1	8	108	50	56	90.42	cps
Dysprosium	156-2	7	13	17	12	41.65	cps
Erbium	164-1	42	50	17	36	48.03	cps
Erbium	164-2	10	13	13	12	15.73	cps
Gadolinium	160-1	108	42	67	72	46.63	cps
Gadolinium	160-2	37	23	20	27	33.08	cps
Holmium	165-1	3802598	3965998	4079517	3949371	3.52	cps
Holmium	165-2	1804967	1890470	1847337	1847592	2.31	cps
Indium	115-1	3754890	3981490	3986142	3907507	3.38	cps
Indium	115-2	585155	614893	604876	601641	2.51	cps
Iron	54-2	1600	1550	1450	1533	4.98	cps
Iron	56-2	22273	22128	21962	22121	0.70	cps
Iron	57-2	644	744	744	711	8.12	cps
Krypton	83-1	423	373	343	380	10.64	cps
Lead	207-1	328	322	361	337	6.24	cps
Lead	208-1	462	433	474	457	4.63	cps
Lead	206-1	372	539	494	469	18.42	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4812-04	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW005	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:56:36	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1185602	1276225	1269633	1243820	4.06	cps
Magnesium	24-2	509693	519116	509654	512821	1.06	cps
Manganese	55-2	2657	2384	2504	2515	5.45	cps
Molybdenum	94-1	158	142	167	156	8.18	cps
Molybdenum	95-1	108	67	100	92	24.05	cps
Molybdenum	96-1	158	117	142	139	15.10	cps
Molybdenum	97-1	25	50	33	36	35.25	cps
Molybdenum	98-1	133	92	142	122	21.92	cps
Neodymium	150-1	27	33	33	31	12.36	cps
Neodymium	150-2	23	3	13	13	75.02	cps
Nickel	60-2	267	333	420	340	22.61	cps
Phosphorus	31-2	242	250	250	247	1.95	cps
Potassium	39-2	82041	79947	82142	81377	1.52	cps
Rhodium	103-1	3602623	3767927	3819112	3729887	3.03	cps
Rhodium	103-2	1641149	1757014	1716498	1704887	3.45	cps
Scandium	45-1	2472333	2627510	2648073	2582639	3.72	cps
Scandium	45-2	96334	101391	97055	98260	2.78	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	33	49	35	39	22.37	cps
Selenium	82-1	-38	7	32	0	14406.75	cps
Silicon	28-1	6070423	6138019	6234716	6147719	1.34	cps
Silver	109-1	67	75	75	72	6.66	cps
Silver	107-1	83	75	108	89	19.52	cps
Sodium	23-2	202549	208750	207162	206154	1.56	cps
Strontium	86-1	402258	404540	412085	406294	1.27	cps
Strontium	88-1	3482724	3468899	3449886	3467170	0.48	cps
Sulfur	34-1	621804	619097	623715	621539	0.37	cps
Terbium	159-1	4024659	4188572	4290843	4168025	3.22	cps
Terbium	159-2	1792574	1888582	1824771	1835309	2.66	cps
Thallium	203-1	42	58	125	75	58.79	cps
Thallium	205-1	233	208	192	211	9.93	cps
Tin	118-1	208	133	133	158	27.35	cps
Titanium	47-1	400	408	417	408	2.04	cps
Uranium	238-1	933	1108	1292	1111	16.13	cps
Vanadium	51-2	77	53	33	54	39.84	cps
Yttrium	89-1	5733666	5938839	6016816	5896440	2.48	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4812-04	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW005	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:56:36	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	633875	665019	656732	651875	2.47	cps
Zinc	66-2	1157	1163	1123	1148	1.87	cps
Zirconium	90-1	317	408	392	372	13.12	cps
Zirconium	91-1	83	50	117	83	40.00	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4812-05	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW012	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:59:24	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1430	1461	1551	1481	4.25	cps
Antimony	121-1	217	192	233	214	9.81	cps
Arsenic	75-2	9	24	14	15	49.51	cps
Barium	135-1	16644	17103	17403	17050	2.24	cps
Barium	137-1	28055	29491	30093	29213	3.58	cps
Beryllium	9-1	139	100	91	110	23.64	cps
Bismuth	209-1	2274687	2374567	2236058	2295104	3.11	cps
Bismuth	209-2	1221811	1245021	1223661	1230164	1.05	cps
Boron	11-1	4526	4968	5060	4851	5.89	cps
Boron	10-1	942	968	1058	989	6.15	cps
Bromine	81-1	3584	4005	4015	3868	6.35	cps
Cadmium	106-1	1275	1458	1142	1292	12.31	cps
Cadmium	108-1	0	4	4	3	86.60	cps
Cadmium	111-1	922	1031	809	920	12.05	cps
Calcium	43-1	654473	673708	679447	669209	1.95	cps
Calcium	44-1	10793508	11156578	11079511	11009866	1.74	cps
Chromium	52-2	1033	967	1020	1007	3.50	cps
Cobalt	59-2	140	177	123	147	18.60	cps
Copper	63-2	1166	1205	1350	1240	7.81	cps
Dysprosium	156-1	58	50	83	64	27.16	cps
Dysprosium	156-2	23	17	27	22	22.91	cps
Erbium	164-1	42	50	50	47	10.18	cps
Erbium	164-2	20	17	13	17	20.01	cps
Gadolinium	160-1	67	58	33	53	32.87	cps
Gadolinium	160-2	0	23	23	16	86.60	cps
Holmium	165-1	3918445	4136505	3838686	3964545	3.89	cps
Holmium	165-2	1825583	1867779	1825111	1839491	1.33	cps
Indium	115-1	3942726	4044696	3746189	3911204	3.88	cps
Indium	115-2	591190	595548	588899	591879	0.57	cps
Iron	54-2	3089	3045	2861	2999	4.03	cps
Iron	56-2	51047	49698	49374	50040	1.77	cps
Iron	57-2	1506	1339	1472	1439	6.13	cps
Krypton	83-1	390	443	357	397	11.02	cps
Lead	207-1	361	572	500	478	22.46	cps
Lead	208-1	642	292	377	437	41.74	cps
Lead	206-1	572	594	483	550	10.69	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4812-05	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW012	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:59:24	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1213797	1285407	1197883	1232362	3.78	cps
Magnesium	24-2	639257	636177	636700	637378	0.26	cps
Manganese	55-2	1340	1287	1273	1300	2.71	cps
Molybdenum	94-1	333	383	308	342	11.18	cps
Molybdenum	95-1	175	175	150	167	8.66	cps
Molybdenum	96-1	233	200	167	200	16.67	cps
Molybdenum	97-1	125	67	142	111	35.44	cps
Molybdenum	98-1	208	283	217	236	17.41	cps
Neodymium	150-1	87	53	93	78	27.56	cps
Neodymium	150-2	23	47	17	29	54.53	cps
Nickel	60-2	427	360	370	386	9.33	cps
Phosphorus	31-2	192	175	117	161	24.44	cps
Potassium	39-2	100424	99794	99794	100004	0.36	cps
Rhodium	103-1	3742584	3912662	3619363	3758203	3.92	cps
Rhodium	103-2	1688868	1691119	1672622	1684203	0.60	cps
Scandium	45-1	2617578	2731999	2496243	2615274	4.51	cps
Scandium	45-2	96854	97042	97592	97163	0.39	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	59	51	54	55	7.39	cps
Selenium	82-1	-9	-37	36	-3	-1131.87	cps
Silicon	28-1	5972018	6132443	6136880	6080447	1.54	cps
Silver	109-1	50	83	33	56	45.83	cps
Silver	107-1	67	67	67	67	0.00	cps
Sodium	23-2	369966	365643	359319	364976	1.47	cps
Strontium	86-1	431425	449138	453286	444616	2.61	cps
Strontium	88-1	3648731	3798175	3831367	3759424	2.59	cps
Sulfur	34-1	611822	613876	617146	614281	0.44	cps
Terbium	159-1	4233946	4438292	4124399	4265546	3.73	cps
Terbium	159-2	1789396	1814727	1770163	1791429	1.25	cps
Thallium	203-1	75	58	92	75	22.22	cps
Thallium	205-1	250	133	158	181	34.02	cps
Tin	118-1	308	275	567	383	41.67	cps
Titanium	47-1	725	700	908	778	14.63	cps
Uranium	238-1	1475	1592	1467	1511	4.63	cps
Vanadium	51-2	153	113	103	123	21.45	cps
Yttrium	89-1	5873851	6173509	5732926	5926762	3.80	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4812-05	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW012	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 16:59:24	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	645326	651708	644557	647197	0.61	cps
Zinc	66-2	467	410	483	453	8.48	cps
Zirconium	90-1	525	667	567	586	12.42	cps
Zirconium	91-1	217	167	167	183	15.75	cps

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : L4813-01 Instrumnet Name : P8
 Client Sample ID : FA20-JMW0640 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 17:02:15 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1667	1561	1654	1627	3.55	cps
Antimony	121-1	125	100	150	125	20.00	cps
Arsenic	75-2	12	16	14	14	14.37	cps
Barium	135-1	23471	24014	24381	23955	1.91	cps
Barium	137-1	39784	40603	41648	40678	2.30	cps
Beryllium	9-1	106	135	135	125	13.48	cps
Bismuth	209-1	2348744	2298120	2267698	2304854	1.78	cps
Bismuth	209-2	1261472	1254093	1207583	1241049	2.35	cps
Boron	11-1	5872	6348	6608	6276	5.95	cps
Boron	10-1	1178	1266	1338	1260	6.36	cps
Bromine	81-1	8471	8732	9593	8932	6.57	cps
Cadmium	106-1	1292	1333	1225	1283	4.26	cps
Cadmium	108-1	33	4	4	14	121.21	cps
Cadmium	111-1	885	947	880	904	4.15	cps
Calcium	43-1	750776	761897	762899	758524	0.89	cps
Calcium	44-1	12607932	12587217	12635645	12610265	0.19	cps
Chromium	52-2	803	790	857	817	4.32	cps
Cobalt	59-2	143	147	127	139	7.72	cps
Copper	63-2	1139	1142	1030	1104	5.82	cps
Dysprosium	156-1	75	117	92	94	22.21	cps
Dysprosium	156-2	17	37	40	31	40.56	cps
Erbium	164-1	83	83	92	86	5.58	cps
Erbium	164-2	17	23	43	28	49.95	cps
Gadolinium	160-1	108	92	67	89	23.59	cps
Gadolinium	160-2	57	40	57	51	18.83	cps
Holmium	165-1	4050272	4056905	3910931	4006036	2.06	cps
Holmium	165-2	1840584	1849002	1739807	1809798	3.36	cps
Indium	115-1	4015524	3826546	3860213	3900761	2.58	cps
Indium	115-2	598641	601595	574503	591580	2.51	cps
Iron	54-2	3439	3745	3212	3465	7.72	cps
Iron	56-2	58642	58949	58687	58759	0.28	cps
Iron	57-2	1533	1639	1583	1585	3.33	cps
Krypton	83-1	353	390	433	392	10.21	cps
Lead	207-1	478	450	428	452	5.55	cps
Lead	208-1	232	212	390	278	34.97	cps
Lead	206-1	433	383	350	389	10.79	cps

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : L4813-01 Instrumnet Name : P8
 Client Sample ID : FA20-JMW0640 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 17:02:15 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1224518	1236054	1208300	1222958	1.14	cps
Magnesium	24-2	1012717	1005684	1008576	1008992	0.35	cps
Manganese	55-2	947	833	810	863	8.47	cps
Molybdenum	94-1	167	292	258	239	27.10	cps
Molybdenum	95-1	42	83	83	69	34.64	cps
Molybdenum	96-1	142	125	67	111	35.44	cps
Molybdenum	97-1	92	58	58	69	27.71	cps
Molybdenum	98-1	183	67	125	125	46.67	cps
Neodymium	150-1	87	113	127	109	18.70	cps
Neodymium	150-2	27	33	53	38	36.73	cps
Nickel	60-2	460	380	413	418	9.62	cps
Phosphorus	31-2	183	225	192	200	11.02	cps
Potassium	39-2	51401	51016	51969	51462	0.93	cps
Rhodium	103-1	3839313	3734380	3657170	3743621	2.44	cps
Rhodium	103-2	1692668	1674230	1614291	1660397	2.47	cps
Scandium	45-1	2618662	2580636	2585204	2594834	0.80	cps
Scandium	45-2	97075	98413	93361	96283	2.72	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	44	59	43	49	18.43	cps
Selenium	82-1	39	9	-44	1	3560.11	cps
Silicon	28-1	9180501	9085817	9307024	9191114	1.21	cps
Silver	109-1	100	42	42	61	55.11	cps
Silver	107-1	58	50	75	61	20.83	cps
Sodium	23-2	563118	560225	558436	560593	0.42	cps
Strontium	86-1	643023	662035	667216	657425	1.94	cps
Strontium	88-1	5499497	5577321	5589969	5555596	0.88	cps
Sulfur	34-1	639497	633973	636893	636788	0.43	cps
Terbium	159-1	4355336	4298721	4230653	4294903	1.45	cps
Terbium	159-2	1809682	1865533	1736367	1803861	3.59	cps
Thallium	203-1	75	50	50	58	24.74	cps
Thallium	205-1	142	175	142	153	12.60	cps
Tin	118-1	217	125	150	164	28.91	cps
Titanium	47-1	592	592	608	597	1.61	cps
Uranium	238-1	3667	3851	3859	3792	2.86	cps
Vanadium	51-2	93	70	97	87	16.77	cps
Yttrium	89-1	5996112	5921945	5900325	5939461	0.85	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-01	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:02:15	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	641046	650659	619929	637212	2.47	cps
Zinc	66-2	213	257	253	241	10.00	cps
Zirconium	90-1	483	600	525	536	11.03	cps
Zirconium	91-1	175	125	133	144	18.55	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-01DUP	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:05:03	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1650	1562	1585	1599	2.84	cps
Antimony	121-1	142	150	58	117	43.45	cps
Arsenic	75-2	17	16	11	15	21.57	cps
Barium	135-1	22620	23997	23529	23382	3.00	cps
Barium	137-1	40068	41055	41489	40871	1.78	cps
Beryllium	9-1	103	136	147	129	18.04	cps
Bismuth	209-1	2236556	2171126	2174193	2193958	1.68	cps
Bismuth	209-2	1278587	1248027	1198799	1241804	3.24	cps
Boron	11-1	5614	6280	6414	6103	7.02	cps
Boron	10-1	1086	1248	1352	1228	10.91	cps
Bromine	81-1	8772	10565	10665	10001	10.65	cps
Cadmium	106-1	975	1125	1200	1100	10.42	cps
Cadmium	108-1	25	13	4	14	75.48	cps
Cadmium	111-1	678	787	845	770	11.07	cps
Calcium	43-1	747079	763508	761138	757242	1.17	cps
Calcium	44-1	12179854	12358049	12622812	12386905	1.80	cps
Chromium	52-2	963	853	723	847	14.19	cps
Cobalt	59-2	157	153	160	157	2.13	cps
Copper	63-2	1042	1172	979	1064	9.27	cps
Dysprosium	156-1	33	108	58	67	57.29	cps
Dysprosium	156-2	23	40	27	30	29.40	cps
Erbium	164-1	100	92	67	86	20.14	cps
Erbium	164-2	50	40	23	38	35.67	cps
Gadolinium	160-1	100	75	67	81	21.53	cps
Gadolinium	160-2	30	47	33	37	24.06	cps
Holmium	165-1	3912431	3726543	3841314	3826763	2.45	cps
Holmium	165-2	1863470	1829281	1758827	1817193	2.94	cps
Indium	115-1	3837622	3746747	3688169	3757512	2.00	cps
Indium	115-2	615061	594711	575984	595252	3.28	cps
Iron	54-2	3801	3617	3678	3699	2.52	cps
Iron	56-2	61984	59926	60215	60708	1.84	cps
Iron	57-2	1628	1672	1561	1620	3.45	cps
Krypton	83-1	397	337	370	368	8.18	cps
Lead	207-1	550	650	578	593	8.71	cps
Lead	208-1	555	404	396	452	19.77	cps
Lead	206-1	728	722	683	711	3.41	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-01DUP	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:05:03	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1188811	1208366	1173169	1190115	1.48	cps
Magnesium	24-2	1027125	1029340	1022551	1026339	0.34	cps
Manganese	55-2	1027	830	1017	958	11.57	cps
Molybdenum	94-1	233	175	275	228	22.05	cps
Molybdenum	95-1	50	42	142	78	71.34	cps
Molybdenum	96-1	125	158	117	133	16.54	cps
Molybdenum	97-1	33	17	33	28	34.63	cps
Molybdenum	98-1	100	117	50	89	39.03	cps
Neodymium	150-1	67	147	87	100	41.63	cps
Neodymium	150-2	40	37	23	33	26.47	cps
Nickel	60-2	427	410	470	436	7.11	cps
Phosphorus	31-2	225	208	192	208	8.00	cps
Potassium	39-2	52170	51309	52864	52114	1.50	cps
Rhodium	103-1	3697106	3553785	3522218	3591036	2.60	cps
Rhodium	103-2	1750120	1661754	1626861	1679578	3.78	cps
Scandium	45-1	2584642	2483760	2512993	2527132	2.05	cps
Scandium	45-2	100552	96911	93677	97047	3.54	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	42	57	43	47	17.73	cps
Selenium	82-1	-40	-23	-34	-32	-26.37	cps
Silicon	28-1	9036521	9358254	9272799	9222525	1.81	cps
Silver	109-1	33	50	33	39	24.75	cps
Silver	107-1	75	50	75	67	21.65	cps
Sodium	23-2	574478	571795	568852	571708	0.49	cps
Strontium	86-1	645998	654296	653796	651363	0.71	cps
Strontium	88-1	5369179	5504186	5486317	5453227	1.34	cps
Sulfur	34-1	626613	637833	636196	633547	0.96	cps
Terbium	159-1	4105846	4015648	4114662	4078719	1.34	cps
Terbium	159-2	1859572	1803424	1762569	1808522	2.69	cps
Thallium	203-1	33	75	33	47	50.95	cps
Thallium	205-1	100	100	150	117	24.75	cps
Tin	118-1	142	158	225	175	25.20	cps
Titanium	47-1	483	617	575	558	12.22	cps
Uranium	238-1	3726	3684	3751	3720	0.91	cps
Vanadium	51-2	97	77	87	87	11.54	cps
Yttrium	89-1	5807705	5636593	5620615	5688304	1.82	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-01DUP	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:05:03	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	668033	640466	621101	643200	3.67	cps
Zinc	66-2	253	320	297	290	11.67	cps
Zirconium	90-1	425	625	475	508	20.48	cps
Zirconium	91-1	92	125	75	97	26.19	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-01LX5	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-03 17:07:54	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	580	656	614	617	6.20	cps
Antimony	121-1	75	92	50	72	29.04	cps
Arsenic	75-2	12	7	9	9	28.34	cps
Barium	135-1	4009	4117	4326	4151	3.88	cps
Barium	137-1	7444	8061	7361	7622	5.02	cps
Beryllium	9-1	94	96	104	98	5.21	cps
Bismuth	209-1	2283500	2248302	2213180	2248327	1.56	cps
Bismuth	209-2	1217754	1203910	1082153	1167939	6.39	cps
Boron	11-1	3034	3020	2868	2974	3.10	cps
Boron	10-1	648	610	604	621	3.84	cps
Bromine	81-1	5337	5056	5116	5170	2.86	cps
Cadmium	106-1	1217	1192	1283	1231	3.85	cps
Cadmium	108-1	4	13	25	14	75.48	cps
Cadmium	111-1	870	842	889	867	2.73	cps
Calcium	43-1	137232	139541	138880	138551	0.86	cps
Calcium	44-1	2298702	2406870	2271695	2325756	3.08	cps
Chromium	52-2	700	740	643	694	6.99	cps
Cobalt	59-2	87	140	73	100	35.28	cps
Copper	63-2	831	1123	878	944	16.60	cps
Dysprosium	156-1	33	25	17	25	33.32	cps
Dysprosium	156-2	0	10	10	7	86.60	cps
Erbium	164-1	25	33	17	25	33.32	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	42	50	42	44	10.82	cps
Gadolinium	160-2	10	10	3	8	49.52	cps
Holmium	165-1	3979861	3762666	3774360	3838962	3.18	cps
Holmium	165-2	1824336	1772608	1595368	1730771	6.94	cps
Indium	115-1	3936054	3822679	3689346	3816026	3.24	cps
Indium	115-2	585471	580410	517163	561015	6.78	cps
Iron	54-2	1045	1417	967	1143	21.05	cps
Iron	56-2	13112	26659	13000	17590	44.65	cps
Iron	57-2	422	561	394	459	19.44	cps
Krypton	83-1	360	410	377	382	6.66	cps
Lead	207-1	267	278	239	261	7.67	cps
Lead	208-1	226	243	429	299	37.60	cps
Lead	206-1	378	394	372	381	3.03	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-01LX5	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-03 17:07:54	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1222798	1181332	1198682	1200937	1.73	cps
Magnesium	24-2	191983	185250	182042	186425	2.72	cps
Manganese	55-2	300	350	310	320	8.27	cps
Molybdenum	94-1	142	92	100	111	24.11	cps
Molybdenum	95-1	50	50	33	44	21.66	cps
Molybdenum	96-1	67	25	50	47	44.41	cps
Molybdenum	97-1	8	25	8	14	69.31	cps
Molybdenum	98-1	17	42	42	33	43.30	cps
Neodymium	150-1	40	47	20	36	39.03	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	307	277	247	277	10.84	cps
Phosphorus	31-2	225	292	208	242	18.25	cps
Potassium	39-2	30157	30232	29714	30035	0.93	cps
Rhodium	103-1	3774882	3606451	3541072	3640801	3.31	cps
Rhodium	103-2	1664016	1638233	1468155	1590135	6.69	cps
Scandium	45-1	2594669	2567755	2490537	2550987	2.12	cps
Scandium	45-2	96071	95492	84638	92067	7.00	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	41	51	36	43	17.91	cps
Selenium	82-1	-2	-27	1	-9	-165.90	cps
Silicon	28-1	2402570	2374638	2365772	2380993	0.81	cps
Silver	109-1	42	17	17	25	57.73	cps
Silver	107-1	58	75	58	64	15.06	cps
Sodium	23-2	133380	133090	129472	131981	1.65	cps
Strontium	86-1	122753	117466	119240	119820	2.25	cps
Strontium	88-1	1018400	1038974	1039146	1032173	1.16	cps
Sulfur	34-1	579487	581302	576342	579044	0.43	cps
Terbium	159-1	4233255	4069483	4004956	4102565	2.87	cps
Terbium	159-2	1772499	1759993	1573086	1701859	6.56	cps
Thallium	203-1	83	33	58	58	42.86	cps
Thallium	205-1	125	133	192	150	24.22	cps
Tin	118-1	350	283	200	278	27.06	cps
Titanium	47-1	400	483	433	439	9.56	cps
Uranium	238-1	633	750	625	669	10.44	cps
Vanadium	51-2	27	50	20	32	48.88	cps
Yttrium	89-1	5856185	5754756	5657087	5756009	1.73	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-01LX5	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-03 17:07:54	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	634641	625178	560438	606753	6.66	cps
Zinc	66-2	147	167	170	161	7.83	cps
Zirconium	90-1	275	258	250	261	4.88	cps
Zirconium	91-1	100	108	117	108	7.69	cps

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : CCV32 Instrumnet Name : P8
 Client Sample ID : CCV32 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 17:13:42 DataFile Name : 047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	902745	898956	899837	900513	0.22	cps
Antimony	121-1	1447119	1493929	1524521	1488523	2.62	cps
Arsenic	75-2	48592	48806	48944	48780	0.36	cps
Barium	135-1	1460932	1520808	1537078	1506272	2.66	cps
Barium	137-1	2561162	2661188	2617015	2613122	1.92	cps
Beryllium	9-1	302917	312348	317500	310922	2.38	cps
Bismuth	209-1	2050991	2111804	2146256	2103017	2.29	cps
Bismuth	209-2	1149423	1152421	1185480	1162441	1.72	cps
Boron	11-1	106344	120817	132406	119856	10.89	cps
Boron	10-1	20963	24189	26168	23773	11.05	cps
Bromine	81-1	3524	3524	3544	3531	0.33	cps
Cadmium	106-1	36248	37318	37644	37070	1.97	cps
Cadmium	108-1	23808	24276	24280	24121	1.12	cps
Cadmium	111-1	318456	338069	334592	330372	3.17	cps
Calcium	43-1	1826764	1921742	1907579	1885362	2.72	cps
Calcium	44-1	30263433	31383867	31339436	30995579	2.05	cps
Chromium	52-2	414844	416242	420311	417132	0.68	cps
Cobalt	59-2	711738	708303	707601	709214	0.31	cps
Copper	63-2	5452216	5457142	5334045	5414468	1.29	cps
Dysprosium	156-1	142	108	75	108	30.77	cps
Dysprosium	156-2	30	63	63	52	36.85	cps
Erbium	164-1	58	25	25	36	53.30	cps
Erbium	164-2	13	10	17	13	25.01	cps
Gadolinium	160-1	142	92	92	108	26.65	cps
Gadolinium	160-2	47	57	67	57	17.65	cps
Holmium	165-1	3706806	3824999	3821471	3784425	1.78	cps
Holmium	165-2	1743024	1744866	1776364	1754751	1.07	cps
Indium	115-1	3621374	3700734	3662857	3661655	1.08	cps
Indium	115-2	556002	563093	573669	564255	1.58	cps
Iron	54-2	4362870	4397158	4339771	4366600	0.66	cps
Iron	56-2	79179318	79647991	78866013	79231107	0.50	cps
Iron	57-2	1981288	1991955	1981742	1984995	0.30	cps
Krypton	83-1	367	377	327	357	7.42	cps
Lead	207-1	3356185	3455745	3457412	3423114	1.69	cps
Lead	208-1	2801484	2847630	3029525	2892880	4.17	cps
Lead	206-1	3721214	3856160	3870622	3815999	2.16	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:13:42	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1156659	1186028	1202039	1181575	1.95	cps
Magnesium	24-2	14205769	13824362	14038467	14022866	1.36	cps
Manganese	55-2	2001436	2004912	1993964	2000104	0.28	cps
Molybdenum	94-1	2809631	2828497	2879816	2839315	1.28	cps
Molybdenum	95-1	3440854	3507623	3548191	3498889	1.55	cps
Molybdenum	96-1	3760954	3879232	3845459	3828549	1.59	cps
Molybdenum	97-1	2123916	2201706	2190714	2172112	1.94	cps
Molybdenum	98-1	5385735	5560062	5494642	5480146	1.61	cps
Neodymium	150-1	53	33	127	71	69.11	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	194446	195063	191413	193641	1.01	cps
Phosphorus	31-2	12839	12948	13532	13106	2.84	cps
Potassium	39-2	5727098	5588202	5675492	5663597	1.24	cps
Rhodium	103-1	3412610	3481284	3498423	3464105	1.31	cps
Rhodium	103-2	1543676	1616269	1588167	1582704	2.31	cps
Scandium	45-1	2449081	2505284	2510606	2488324	1.37	cps
Scandium	45-2	91499	93063	96290	93617	2.61	cps
Selenium	77-2	760	743	740	748	1.43	cps
Selenium	78-2	2484	2444	2566	2498	2.47	cps
Selenium	82-1	23143	23913	23805	23620	1.77	cps
Silicon	28-1	1840416	2009323	2084784	1978174	6.33	cps
Silver	109-1	1524568	1590952	1574914	1563478	2.22	cps
Silver	107-1	1619012	1668343	1692189	1659848	2.25	cps
Sodium	23-2	27394179	26851151	27257650	27167660	1.04	cps
Strontium	86-1	455855	465435	469552	463614	1.52	cps
Strontium	88-1	3870182	3998454	3984017	3950884	1.78	cps
Sulfur	34-1	667302	673571	667926	669600	0.52	cps
Terbium	159-1	3948713	4012338	4057658	4006236	1.37	cps
Terbium	159-2	1704790	1743211	1790386	1746129	2.46	cps
Thallium	203-1	861731	875337	886889	874652	1.44	cps
Thallium	205-1	2061311	2124168	2152119	2112533	2.20	cps
Tin	118-1	1009132	1056620	1059084	1041612	2.70	cps
Titanium	47-1	973451	1018015	1038464	1009977	3.29	cps
Uranium	238-1	2442148	2554321	2492429	2496299	2.25	cps
Vanadium	51-2	345617	347664	348689	347323	0.45	cps
Yttrium	89-1	5616162	5714682	5758308	5696384	1.28	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:13:42	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	615787	621036	631375	622733	1.27	cps
Zinc	66-2	756694	747076	742219	748663	0.98	cps
Zirconium	90-1	2385559	2403064	2426346	2404990	0.85	cps
Zirconium	91-1	531120	539376	545995	538830	1.38	cps

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : CCB32 Instrumnet Name : P8
 Client Sample ID : CCB32 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 17:20:35 DataFile Name : 048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	337	362	417	372	10.99	cps
Antimony	121-1	108	83	158	117	32.73	cps
Arsenic	75-2	6	7	13	9	44.00	cps
Barium	135-1	83	58	33	58	42.87	cps
Barium	137-1	67	33	25	42	52.92	cps
Beryllium	9-1	156	122	134	137	12.49	cps
Bismuth	209-1	2177262	2084431	2165076	2142256	2.35	cps
Bismuth	209-2	1173129	1173298	1181344	1175924	0.40	cps
Boron	11-1	3956	3934	3630	3840	4.75	cps
Boron	10-1	788	812	774	791	2.43	cps
Bromine	81-1	3003	3073	2943	3007	2.17	cps
Cadmium	106-1	1083	1000	1308	1131	14.11	cps
Cadmium	108-1	13	13	4	10	49.46	cps
Cadmium	111-1	762	716	938	805	14.53	cps
Calcium	43-1	251	227	260	246	6.83	cps
Calcium	44-1	16930	16937	16778	16882	0.53	cps
Chromium	52-2	697	650	607	651	6.91	cps
Cobalt	59-2	40	70	60	57	26.96	cps
Copper	63-2	1026	1078	1035	1046	2.67	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	17	17	19	24.73	cps
Erbium	164-2	10	13	17	13	25.01	cps
Gadolinium	160-1	8	33	33	25	57.74	cps
Gadolinium	160-2	3	0	17	7	132.33	cps
Holmium	165-1	3784025	3659200	3734991	3726072	1.69	cps
Holmium	165-2	1719563	1750545	1755157	1741755	1.11	cps
Indium	115-1	3674970	3631278	3742796	3683015	1.53	cps
Indium	115-2	565378	566778	567085	566414	0.16	cps
Iron	54-2	372	344	461	393	15.52	cps
Iron	56-2	3167	3478	3968	3538	11.41	cps
Iron	57-2	128	128	111	122	7.87	cps
Krypton	83-1	417	367	457	413	10.91	cps
Lead	207-1	322	261	311	298	10.92	cps
Lead	208-1	309	324	449	361	21.29	cps
Lead	206-1	367	472	467	435	13.65	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:20:35	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1159338	1128008	1195251	1160866	2.90	cps
Magnesium	24-2	775	467	650	631	24.59	cps
Manganese	55-2	140	170	153	154	9.73	cps
Molybdenum	94-1	125	133	92	117	18.90	cps
Molybdenum	95-1	158	83	67	103	47.51	cps
Molybdenum	96-1	183	117	133	144	24.02	cps
Molybdenum	97-1	92	50	25	56	60.62	cps
Molybdenum	98-1	217	67	75	119	70.58	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	287	227	223	246	14.51	cps
Phosphorus	31-2	258	117	242	206	37.67	cps
Potassium	39-2	26692	25949	26408	26350	1.42	cps
Rhodium	103-1	3650930	3471582	3572172	3564895	2.52	cps
Rhodium	103-2	1608450	1642741	1621459	1624216	1.07	cps
Scandium	45-1	2457641	2401233	2451743	2436872	1.27	cps
Scandium	45-2	92606	92388	92059	92351	0.30	cps
Selenium	77-2	13	0	3	6	124.93	cps
Selenium	78-2	54	52	52	53	2.19	cps
Selenium	82-1	-45	49	-21	-6	-889.41	cps
Silicon	28-1	903180	884955	864945	884360	2.16	cps
Silver	109-1	75	42	50	56	31.22	cps
Silver	107-1	92	25	75	64	54.31	cps
Sodium	23-2	37532	37917	37959	37803	0.62	cps
Strontium	86-1	692	675	817	728	10.64	cps
Strontium	88-1	150	158	250	186	29.81	cps
Sulfur	34-1	534602	533894	534730	534409	0.08	cps
Terbium	159-1	4014515	3959919	3967142	3980525	0.75	cps
Terbium	159-2	1724964	1685065	1710447	1706826	1.18	cps
Thallium	203-1	275	275	275	275	0.00	cps
Thallium	205-1	658	633	658	650	2.22	cps
Tin	118-1	175	208	208	197	9.76	cps
Titanium	47-1	342	383	300	342	12.20	cps
Uranium	238-1	8	8	8	8	0.00	cps
Vanadium	51-2	23	10	33	22	52.68	cps
Yttrium	89-1	5712641	5481459	5538652	5577584	2.16	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:20:35	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	603323	614663	615057	611014	1.09	cps
Zinc	66-2	90	107	110	102	10.48	cps
Zirconium	90-1	250	283	275	269	6.44	cps
Zirconium	91-1	50	50	58	53	9.12	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-02	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640MS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:24:51	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200321	197620	197212	198384	0.85	cps
Antimony	121-1	1477178	1507360	1506961	1497166	1.16	cps
Arsenic	75-2	56254	55279	55540	55691	0.91	cps
Barium	135-1	1599466	1628352	1678169	1635329	2.43	cps
Barium	137-1	2719653	2828312	2828243	2792069	2.25	cps
Beryllium	9-1	295285	303300	310194	302926	2.46	cps
Bismuth	209-1	2209058	2245145	2247904	2234036	0.97	cps
Bismuth	209-2	1142038	1232315	1222256	1198870	4.13	cps
Boron	11-1	106811	125634	139407	123951	13.20	cps
Boron	10-1	21029	24954	27246	24410	12.88	cps
Bromine	81-1	6989	7079	7209	7092	1.56	cps
Cadmium	106-1	35229	35872	36817	35973	2.22	cps
Cadmium	108-1	24042	24752	24117	24303	1.60	cps
Cadmium	111-1	325127	333883	337284	332098	1.89	cps
Calcium	43-1	1088992	1106761	1127396	1107716	1.74	cps
Calcium	44-1	18070524	18238058	18521462	18276681	1.25	cps
Chromium	52-2	416963	415951	409203	414039	1.02	cps
Cobalt	59-2	727019	714131	710680	717277	1.20	cps
Copper	63-2	1097030	1086484	1076020	1086512	0.97	cps
Dysprosium	156-1	175	108	75	119	42.63	cps
Dysprosium	156-2	33	20	27	27	24.99	cps
Erbium	164-1	75	83	83	81	5.98	cps
Erbium	164-2	20	37	43	33	36.05	cps
Gadolinium	160-1	58	25	125	69	73.32	cps
Gadolinium	160-2	50	53	43	49	10.42	cps
Holmium	165-1	3955186	4025632	4044946	4008588	1.18	cps
Holmium	165-2	1704766	1866417	1849381	1806855	4.92	cps
Indium	115-1	3817743	3886037	3941610	3881797	1.60	cps
Indium	115-2	556410	598681	591945	582345	3.90	cps
Iron	54-2	935622	927533	923755	928970	0.65	cps
Iron	56-2	16900706	16587179	16508084	16665323	1.25	cps
Iron	57-2	417679	414096	417466	416414	0.48	cps
Krypton	83-1	390	403	380	391	2.99	cps
Lead	207-1	627011	628303	649880	635064	2.02	cps
Lead	208-1	536502	587105	555543	559717	4.57	cps
Lead	206-1	690509	707991	716152	704884	1.86	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-02	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640MS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:24:51	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1224468	1232691	1218538	1225232	0.58	cps
Magnesium	24-2	3896996	3821032	3869360	3862463	1.00	cps
Manganese	55-2	429566	420511	419614	423230	1.30	cps
Molybdenum	94-1	2965813	3004533	3108174	3026173	2.43	cps
Molybdenum	95-1	3667522	3772043	3888161	3775908	2.92	cps
Molybdenum	96-1	4030633	4156890	4195042	4127522	2.08	cps
Molybdenum	97-1	2337301	2353665	2381503	2357490	0.95	cps
Molybdenum	98-1	5859277	5984946	5944940	5929721	1.08	cps
Neodymium	150-1	160	153	140	151	6.74	cps
Neodymium	150-2	47	30	43	40	22.05	cps
Nickel	60-2	205290	203383	202677	203783	0.66	cps
Phosphorus	31-2	125	225	192	181	28.20	cps
Potassium	39-2	1314465	1264942	1257758	1279055	2.41	cps
Rhodium	103-1	3780140	3685391	3796581	3754038	1.60	cps
Rhodium	103-2	1572956	1697335	1723283	1664525	4.83	cps
Scandium	45-1	2618360	2637140	2695894	2650464	1.53	cps
Scandium	45-2	93045	99719	100499	97754	4.19	cps
Selenium	77-2	703	760	807	757	6.84	cps
Selenium	78-2	2545	2588	2483	2539	2.06	cps
Selenium	82-1	23383	23629	24328	23780	2.06	cps
Silicon	28-1	9380963	9469481	9550037	9466827	0.89	cps
Silver	109-1	891148	912138	936098	913128	2.46	cps
Silver	107-1	941722	948205	964328	951418	1.22	cps
Sodium	23-2	6420372	6218182	6260769	6299775	1.69	cps
Strontium	86-1	1065083	1092084	1127552	1094906	2.86	cps
Strontium	88-1	8963933	9231111	9526712	9240586	3.05	cps
Sulfur	34-1	596149	590488	598053	594897	0.66	cps
Terbium	159-1	4261739	4195424	4303589	4253584	1.28	cps
Terbium	159-2	1679508	1795196	1820010	1764905	4.25	cps
Thallium	203-1	854383	891658	895018	880353	2.56	cps
Thallium	205-1	2044443	2098188	2159126	2100586	2.73	cps
Tin	118-1	1104707	1129166	1130740	1121538	1.30	cps
Titanium	47-1	1033804	1057224	1074458	1055162	1.93	cps
Uranium	238-1	2397244	2484571	2479859	2453891	2.00	cps
Vanadium	51-2	353200	347733	347800	349578	0.90	cps
Yttrium	89-1	5829485	6034803	6129754	5998014	2.56	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-02	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640MS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:24:51	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	611962	659829	655154	642315	4.11	cps
Zinc	66-2	154414	151762	150169	152115	1.41	cps
Zirconium	90-1	2324480	2401273	2445377	2390377	2.56	cps
Zirconium	91-1	519983	536821	558346	538383	3.57	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-03	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:27:42	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	201554	198867	197589	199337	1.02	cps
Antimony	121-1	1518879	1546752	1542583	1536071	0.98	cps
Arsenic	75-2	57078	55915	56543	56512	1.03	cps
Barium	135-1	1661087	1691322	1668036	1673482	0.95	cps
Barium	137-1	2802272	2941055	2849508	2864278	2.46	cps
Beryllium	9-1	306011	319222	313661	312965	2.12	cps
Bismuth	209-1	2190765	2094757	2268740	2184754	3.99	cps
Bismuth	209-2	1196029	1219325	1226487	1213947	1.31	cps
Boron	11-1	127274	145113	155979	142789	10.15	cps
Boron	10-1	25327	28464	30796	28195	9.73	cps
Bromine	81-1	6318	7139	7139	6865	6.91	cps
Cadmium	106-1	37159	38170	37644	37658	1.34	cps
Cadmium	108-1	24321	24927	24889	24713	1.37	cps
Cadmium	111-1	337979	353307	344525	345270	2.23	cps
Calcium	43-1	1118903	1165725	1138963	1141197	2.06	cps
Calcium	44-1	18488273	19160053	18620529	18756285	1.90	cps
Chromium	52-2	420439	413493	410797	414910	1.20	cps
Cobalt	59-2	734155	715646	722750	724184	1.29	cps
Copper	63-2	1098351	1096787	1087567	1094235	0.53	cps
Dysprosium	156-1	92	58	50	67	33.08	cps
Dysprosium	156-2	40	53	43	46	15.23	cps
Erbium	164-1	50	67	100	72	35.25	cps
Erbium	164-2	30	17	40	29	40.51	cps
Gadolinium	160-1	150	108	83	114	29.57	cps
Gadolinium	160-2	47	40	43	43	7.70	cps
Holmium	165-1	3985329	3698163	3959031	3880841	4.09	cps
Holmium	165-2	1789248	1830895	1801343	1807162	1.19	cps
Indium	115-1	4028980	3696237	3765120	3830112	4.59	cps
Indium	115-2	580626	583972	592669	585755	1.06	cps
Iron	54-2	942876	921296	923366	929179	1.28	cps
Iron	56-2	16905803	16707403	16543389	16718865	1.09	cps
Iron	57-2	420071	412957	413098	415376	0.98	cps
Krypton	83-1	373	377	410	387	5.24	cps
Lead	207-1	644932	667681	652400	655004	1.77	cps
Lead	208-1	557309	582720	609017	583015	4.43	cps
Lead	206-1	719345	754440	724439	732741	2.59	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-03	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:27:42	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1168014	1138902	1195020	1167312	2.40	cps
Magnesium	24-2	3918606	3839158	3837670	3865145	1.20	cps
Manganese	55-2	428779	420237	417216	422077	1.42	cps
Molybdenum	94-1	3033836	3096202	3023384	3051141	1.29	cps
Molybdenum	95-1	3818449	3883715	3795760	3832641	1.19	cps
Molybdenum	96-1	4192678	4280038	4149482	4207399	1.58	cps
Molybdenum	97-1	2380928	2440423	2408446	2409932	1.24	cps
Molybdenum	98-1	6021983	6103655	6016252	6047296	0.81	cps
Neodymium	150-1	180	213	180	191	10.07	cps
Neodymium	150-2	33	53	50	46	23.52	cps
Nickel	60-2	209412	206869	208029	208103	0.61	cps
Phosphorus	31-2	225	258	200	228	12.85	cps
Potassium	39-2	1290476	1256728	1273370	1273525	1.33	cps
Rhodium	103-1	3749090	3504779	3636303	3630057	3.37	cps
Rhodium	103-2	1671183	1648710	1667478	1662457	0.72	cps
Scandium	45-1	2613778	2466297	2622036	2567371	3.41	cps
Scandium	45-2	97653	97001	99525	98060	1.34	cps
Selenium	77-2	753	813	710	759	6.84	cps
Selenium	78-2	2623	2555	2616	2598	1.42	cps
Selenium	82-1	23983	24702	24532	24406	1.54	cps
Silicon	28-1	9563576	9842248	9708007	9704610	1.44	cps
Silver	109-1	872322	893346	871559	879076	1.41	cps
Silver	107-1	912297	935862	926187	924782	1.28	cps
Sodium	23-2	6297445	6230380	6251650	6259825	0.55	cps
Strontium	86-1	1102818	1157380	1125732	1128643	2.43	cps
Strontium	88-1	9423350	9620503	9441911	9495255	1.15	cps
Sulfur	34-1	594764	588479	591954	591732	0.53	cps
Terbium	159-1	4243806	4032024	4204434	4160088	2.71	cps
Terbium	159-2	1786769	1793163	1830827	1803586	1.32	cps
Thallium	203-1	884670	929902	918267	910946	2.58	cps
Thallium	205-1	2124124	2245928	2159777	2176610	2.88	cps
Tin	118-1	1141415	1169251	1148525	1153064	1.25	cps
Titanium	47-1	1059966	1095556	1078922	1078148	1.65	cps
Uranium	238-1	2481534	2560302	2525721	2522519	1.57	cps
Vanadium	51-2	351905	349188	352997	351363	0.56	cps
Yttrium	89-1	5961022	5507548	5853292	5773954	4.10	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-03	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:27:42	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	639471	641853	647078	642801	0.61	cps
Zinc	66-2	153680	151375	151857	152304	0.80	cps
Zirconium	90-1	2438416	2541465	2463723	2481201	2.16	cps
Zirconium	91-1	542075	563966	549928	551990	2.01	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-01A	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:30:30	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	201068	203951	200329	201783	0.95	cps
Antimony	121-1	1499420	1518328	1533632	1517127	1.13	cps
Arsenic	75-2	56757	57157	56395	56770	0.67	cps
Barium	135-1	1619560	1599070	1627853	1615494	0.92	cps
Barium	137-1	2773498	2778516	2813138	2788384	0.77	cps
Beryllium	9-1	304595	309689	306101	306795	0.85	cps
Bismuth	209-1	2170593	2172019	2205903	2182838	0.92	cps
Bismuth	209-2	1227907	1226903	1230346	1228385	0.14	cps
Boron	11-1	129602	146698	156739	144346	9.51	cps
Boron	10-1	25966	29229	30580	28591	8.30	cps
Bromine	81-1	7530	6979	7530	7346	4.33	cps
Cadmium	106-1	35204	36106	35973	35761	1.36	cps
Cadmium	108-1	23562	24718	24121	24134	2.40	cps
Cadmium	111-1	330859	336589	337202	334883	1.04	cps
Calcium	43-1	1104070	1135357	1123878	1121102	1.41	cps
Calcium	44-1	18047154	18758856	18521559	18442523	1.96	cps
Chromium	52-2	418808	423124	416836	419589	0.77	cps
Cobalt	59-2	727224	735247	723930	728800	0.80	cps
Copper	63-2	1093683	1108889	1100822	1101131	0.69	cps
Dysprosium	156-1	167	108	108	128	26.36	cps
Dysprosium	156-2	33	50	53	46	23.52	cps
Erbium	164-1	108	25	67	67	62.50	cps
Erbium	164-2	17	33	53	34	53.29	cps
Gadolinium	160-1	100	67	75	81	21.53	cps
Gadolinium	160-2	43	30	53	42	27.72	cps
Holmium	165-1	3885021	3905640	3922202	3904288	0.48	cps
Holmium	165-2	1850809	1821037	1809389	1827078	1.17	cps
Indium	115-1	3774173	3835696	3733471	3781113	1.36	cps
Indium	115-2	595390	588537	590757	591561	0.59	cps
Iron	54-2	935646	952741	942808	943732	0.91	cps
Iron	56-2	16717235	17127998	16751573	16865602	1.35	cps
Iron	57-2	414514	427872	415703	419363	1.76	cps
Krypton	83-1	373	363	360	366	1.90	cps
Lead	207-1	635702	644632	643158	641164	0.75	cps
Lead	208-1	558421	578186	576276	570961	1.91	cps
Lead	206-1	699335	723855	719356	714182	1.83	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-01A	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:30:30	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1176349	1203927	1173462	1184579	1.42	cps
Magnesium	24-2	3907373	4003559	3875473	3928802	1.70	cps
Manganese	55-2	425395	431430	423446	426757	0.98	cps
Molybdenum	94-1	2954844	3018448	3031203	3001498	1.36	cps
Molybdenum	95-1	3739243	3787754	3848416	3791804	1.44	cps
Molybdenum	96-1	4111854	4190727	4213317	4171966	1.28	cps
Molybdenum	97-1	2333498	2388119	2356206	2359274	1.16	cps
Molybdenum	98-1	6054566	6063489	6024393	6047483	0.34	cps
Neodymium	150-1	133	200	120	151	28.37	cps
Neodymium	150-2	57	37	30	41	33.76	cps
Nickel	60-2	206334	211468	205631	207811	1.53	cps
Phosphorus	31-2	242	217	150	203	23.37	cps
Potassium	39-2	1269271	1310096	1265892	1281753	1.92	cps
Rhodium	103-1	3607849	3696590	3743515	3682651	1.87	cps
Rhodium	103-2	1696566	1697724	1662173	1685488	1.20	cps
Scandium	45-1	2553625	2604999	2638292	2598972	1.64	cps
Scandium	45-2	98414	99149	97937	98500	0.62	cps
Selenium	77-2	783	660	773	739	9.27	cps
Selenium	78-2	2490	2608	2529	2542	2.34	cps
Selenium	82-1	23443	24113	24148	23901	1.66	cps
Silicon	28-1	9461460	9447018	9557342	9488606	0.63	cps
Silver	109-1	947406	959131	963484	956674	0.87	cps
Silver	107-1	991076	1013178	1005491	1003248	1.12	cps
Sodium	23-2	6338850	6427841	6308203	6358298	0.98	cps
Strontium	86-1	1089372	1118015	1121142	1109510	1.58	cps
Strontium	88-1	9208731	9394637	9204058	9269142	1.17	cps
Sulfur	34-1	587850	589348	590044	589080	0.19	cps
Terbium	159-1	4151254	4125425	4126541	4134407	0.35	cps
Terbium	159-2	1780335	1805649	1811523	1799169	0.92	cps
Thallium	203-1	877860	893527	888841	886743	0.91	cps
Thallium	205-1	2125035	2144325	2097398	2122253	1.11	cps
Tin	118-1	1116119	1160579	1131499	1136066	1.99	cps
Titanium	47-1	1054296	1072762	1062220	1063093	0.87	cps
Uranium	238-1	2422645	2451480	2478350	2450825	1.14	cps
Vanadium	51-2	353922	361289	352867	356026	1.29	cps
Yttrium	89-1	5668420	5867083	5884846	5806783	2.07	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-01A	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0640A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:30:30	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	654230	647132	650321	650561	0.55	cps
Zinc	66-2	155007	156369	152800	154725	1.16	cps
Zirconium	90-1	2366778	2441546	2402939	2403754	1.56	cps
Zirconium	91-1	533986	538317	541293	537865	0.68	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-04	Instrumnet Name :	P8
Client Sample ID :	FA20-JPZ0685	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:33:21	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4508	4735	4314	4519	4.67	cps
Antimony	121-1	542	533	808	628	24.92	cps
Arsenic	75-2	36	28	36	33	14.24	cps
Barium	135-1	16502	16402	16544	16483	0.44	cps
Barium	137-1	27420	29232	27829	28161	3.38	cps
Beryllium	9-1	355	331	345	344	3.46	cps
Bismuth	209-1	2275066	1954443	2237925	2155811	8.14	cps
Bismuth	209-2	1231863	1249878	1235340	1239027	0.77	cps
Boron	11-1	28814	26767	25267	26949	6.61	cps
Boron	10-1	5720	5348	4938	5335	7.33	cps
Bromine	81-1	8191	9433	8902	8842	7.05	cps
Cadmium	106-1	1275	917	1108	1100	16.30	cps
Cadmium	108-1	8	8	17	11	43.34	cps
Cadmium	111-1	962	732	881	858	13.60	cps
Calcium	43-1	725356	755227	738705	739762	2.02	cps
Calcium	44-1	11956854	12198633	12385859	12180448	1.77	cps
Chromium	52-2	1273	1187	1180	1213	4.29	cps
Cobalt	59-2	493	480	510	494	3.04	cps
Copper	63-2	2299	2326	2035	2220	7.24	cps
Dysprosium	156-1	92	175	100	122	37.55	cps
Dysprosium	156-2	40	53	43	46	15.23	cps
Erbium	164-1	117	58	117	97	34.64	cps
Erbium	164-2	43	33	30	36	19.51	cps
Gadolinium	160-1	92	92	150	111	30.31	cps
Gadolinium	160-2	33	57	37	42	29.89	cps
Holmium	165-1	4015596	3462924	3951146	3809889	7.93	cps
Holmium	165-2	1823213	1837780	1821163	1827385	0.50	cps
Indium	115-1	3878673	3393040	3876970	3716227	7.53	cps
Indium	115-2	604773	598843	606399	603338	0.66	cps
Iron	54-2	12422	12450	12044	12305	1.84	cps
Iron	56-2	223156	228659	216294	222703	2.78	cps
Iron	57-2	5729	5818	5323	5623	4.69	cps
Krypton	83-1	417	393	443	418	5.99	cps
Lead	207-1	700	706	639	682	5.43	cps
Lead	208-1	686	639	738	688	7.23	cps
Lead	206-1	822	833	778	811	3.62	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-04	Instrumnet Name :	P8
Client Sample ID :	FA20-JPZ0685	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:33:21	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1220899	1057929	1177352	1152060	7.32	cps
Magnesium	24-2	944457	944479	930165	939700	0.88	cps
Manganese	55-2	52396	52248	51138	51927	1.32	cps
Molybdenum	94-1	3042	2600	2709	2784	8.27	cps
Molybdenum	95-1	4201	3801	3992	3998	5.01	cps
Molybdenum	96-1	4417	4276	4392	4362	1.73	cps
Molybdenum	97-1	2584	2459	2334	2459	5.08	cps
Molybdenum	98-1	6252	6502	6452	6402	2.07	cps
Neodymium	150-1	160	140	153	151	6.74	cps
Neodymium	150-2	60	83	67	70	17.17	cps
Nickel	60-2	673	563	607	614	9.02	cps
Phosphorus	31-2	167	200	200	189	10.19	cps
Potassium	39-2	68848	68170	67106	68041	1.29	cps
Rhodium	103-1	3754614	3236357	3766645	3585872	8.44	cps
Rhodium	103-2	1698495	1684481	1709843	1697606	0.75	cps
Scandium	45-1	2666633	2256894	2639966	2521164	9.09	cps
Scandium	45-2	100321	97487	98831	98880	1.43	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	50	42	53	48	11.77	cps
Selenium	82-1	-57	21	-51	-29	-151.42	cps
Silicon	28-1	9488341	9771519	9557930	9605930	1.54	cps
Silver	109-1	67	142	100	103	36.56	cps
Silver	107-1	108	108	142	119	16.11	cps
Sodium	23-2	2088004	2113629	2055250	2085628	1.40	cps
Strontium	86-1	633364	648580	627903	636616	1.68	cps
Strontium	88-1	5261354	5480742	5299202	5347100	2.19	cps
Sulfur	34-1	593745	601576	604391	599904	0.92	cps
Terbium	159-1	4150475	3637776	4340200	4042817	8.99	cps
Terbium	159-2	1819469	1805794	1775678	1800314	1.24	cps
Thallium	203-1	850	817	800	822	3.10	cps
Thallium	205-1	2067	1892	1892	1950	5.18	cps
Tin	118-1	325	300	350	325	7.69	cps
Titanium	47-1	1608	1734	1675	1672	3.74	cps
Uranium	238-1	9562	10279	9962	9935	3.62	cps
Vanadium	51-2	340	330	260	310	14.06	cps
Yttrium	89-1	5946314	5174567	5860380	5660420	7.47	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-04	Instrumnet Name :	P8
Client Sample ID :	FA20-JPZ0685	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:33:21	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	654669	653452	657790	655304	0.34	cps
Zinc	66-2	563	530	450	514	11.32	cps
Zirconium	90-1	1292	1158	1225	1225	5.44	cps
Zirconium	91-1	300	200	250	250	20.00	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-05	Instrumnet Name :	P8
Client Sample ID :	FA20-JPZ0680	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:36:09	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6011	6138	6016	6055	1.19	cps
Antimony	121-1	550	575	783	636	20.14	cps
Arsenic	75-2	52	63	49	55	13.33	cps
Barium	135-1	18588	19456	19147	19064	2.31	cps
Barium	137-1	32565	34068	33710	33448	2.35	cps
Beryllium	9-1	263	246	256	255	3.50	cps
Bismuth	209-1	2258085	2257186	2253640	2256304	0.10	cps
Bismuth	209-2	1250385	1218329	1219435	1229383	1.48	cps
Boron	11-1	11934	11564	11282	11594	2.82	cps
Boron	10-1	2350	2174	2214	2246	4.11	cps
Bromine	81-1	4676	4826	4876	4792	2.17	cps
Cadmium	106-1	958	1258	1333	1183	16.77	cps
Cadmium	108-1	13	21	17	17	24.99	cps
Cadmium	111-1	700	908	947	851	15.61	cps
Calcium	43-1	558624	563917	561110	561217	0.47	cps
Calcium	44-1	9262847	9514693	9127381	9301640	2.11	cps
Chromium	52-2	947	850	1003	933	8.31	cps
Cobalt	59-2	447	427	423	432	2.92	cps
Copper	63-2	3914	3784	3584	3761	4.41	cps
Dysprosium	156-1	367	408	500	425	16.05	cps
Dysprosium	156-2	210	193	217	207	5.81	cps
Erbium	164-1	358	417	292	356	17.59	cps
Erbium	164-2	220	223	197	213	6.81	cps
Gadolinium	160-1	492	350	517	453	19.85	cps
Gadolinium	160-2	203	243	267	238	13.47	cps
Holmium	165-1	3961782	3971271	4050713	3994589	1.22	cps
Holmium	165-2	1840397	1808689	1806666	1818584	1.04	cps
Indium	115-1	3892068	3881290	3984627	3919328	1.45	cps
Indium	115-2	604531	584252	590330	593038	1.75	cps
Iron	54-2	18178	18095	17706	17993	1.40	cps
Iron	56-2	327258	320465	327630	325118	1.24	cps
Iron	57-2	8336	8175	7713	8075	4.00	cps
Krypton	83-1	387	397	380	388	2.16	cps
Lead	207-1	1489	1411	1617	1506	6.89	cps
Lead	208-1	1629	1285	1184	1366	17.08	cps
Lead	206-1	1761	1806	1995	1854	6.68	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-05	Instrumnet Name :	P8
Client Sample ID :	FA20-JPZ0680	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:36:09	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1210499	1179387	1205659	1198515	1.40	cps
Magnesium	24-2	138597	136805	135048	136817	1.30	cps
Manganese	55-2	14891	15639	15929	15486	3.46	cps
Molybdenum	94-1	800	733	775	769	4.38	cps
Molybdenum	95-1	550	525	358	478	21.81	cps
Molybdenum	96-1	617	625	625	622	0.77	cps
Molybdenum	97-1	275	283	350	303	13.58	cps
Molybdenum	98-1	692	858	783	778	10.73	cps
Neodymium	150-1	893	767	800	820	8.01	cps
Neodymium	150-2	260	270	250	260	3.85	cps
Nickel	60-2	900	920	853	891	3.84	cps
Phosphorus	31-2	142	175	192	169	15.02	cps
Potassium	39-2	40750	40006	39906	40221	1.15	cps
Rhodium	103-1	3740587	3733199	3752435	3742073	0.26	cps
Rhodium	103-2	1744354	1673539	1671546	1696480	2.44	cps
Scandium	45-1	2557192	2613435	2582543	2584390	1.09	cps
Scandium	45-2	98216	95247	96193	96552	1.57	cps
Selenium	77-2	10	7	3	7	50.03	cps
Selenium	78-2	53	36	62	50	26.24	cps
Selenium	82-1	32	19	41	31	35.29	cps
Silicon	28-1	4497201	4601998	4463300	4520833	1.60	cps
Silver	109-1	75	100	125	100	25.00	cps
Silver	107-1	150	75	200	142	44.41	cps
Sodium	23-2	154966	153123	151421	153170	1.16	cps
Strontium	86-1	311244	314967	312490	312901	0.61	cps
Strontium	88-1	2645436	2702201	2668348	2671995	1.07	cps
Sulfur	34-1	542381	548987	551452	547607	0.86	cps
Terbium	159-1	4199973	4188413	4248480	4212289	0.76	cps
Terbium	159-2	1837434	1821649	1773612	1810898	1.84	cps
Thallium	203-1	442	425	367	411	9.58	cps
Thallium	205-1	833	1250	950	1011	21.26	cps
Tin	118-1	283	275	292	283	2.94	cps
Titanium	47-1	1350	1500	1408	1420	5.33	cps
Uranium	238-1	3200	3626	3592	3473	6.81	cps
Vanadium	51-2	173	147	170	163	8.90	cps
Yttrium	89-1	5884813	5889603	6092928	5955782	1.99	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-05	Instrumnet Name :	P8
Client Sample ID :	FA20-JPZ0680	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:36:09	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	657078	637310	638939	644442	1.70	cps
Zinc	66-2	760	823	800	794	4.03	cps
Zirconium	90-1	1108	1292	1200	1200	7.64	cps
Zirconium	91-1	325	283	308	306	6.86	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-06	Instrumnet Name :	P8
Client Sample ID :	FA20-FTF-RB1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:39:00	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	429	466	474	456	5.28	cps
Antimony	121-1	117	67	167	117	42.86	cps
Arsenic	75-2	13	5	7	8	51.57	cps
Barium	135-1	50	50	42	47	10.18	cps
Barium	137-1	92	83	75	83	10.00	cps
Beryllium	9-1	201	216	190	203	6.40	cps
Bismuth	209-1	2188067	2178883	2227730	2198227	1.18	cps
Bismuth	209-2	1230371	1218328	1176827	1208509	2.32	cps
Boron	11-1	7400	7264	7232	7299	1.22	cps
Boron	10-1	1542	1430	1444	1472	4.15	cps
Bromine	81-1	3584	3584	3624	3598	0.64	cps
Cadmium	106-1	1208	1267	1225	1233	2.44	cps
Cadmium	108-1	8	21	0	10	107.86	cps
Cadmium	111-1	861	889	866	872	1.71	cps
Calcium	43-1	424	390	400	405	4.28	cps
Calcium	44-1	20029	19770	19929	19909	0.66	cps
Chromium	52-2	663	793	747	734	8.97	cps
Cobalt	59-2	57	120	153	110	44.64	cps
Copper	63-2	888	1010	1242	1047	17.17	cps
Dysprosium	156-1	33	25	25	28	17.31	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	17	8	33	19	65.47	cps
Erbium	164-2	0	3	10	4	114.60	cps
Gadolinium	160-1	25	42	33	33	25.01	cps
Gadolinium	160-2	3	0	10	4	114.60	cps
Holmium	165-1	3829743	3715819	3863626	3803063	2.04	cps
Holmium	165-2	1812491	1785683	1713340	1770505	2.90	cps
Indium	115-1	3838848	3703021	3830759	3790876	2.01	cps
Indium	115-2	590399	587552	568796	582249	2.02	cps
Iron	54-2	478	572	883	645	32.93	cps
Iron	56-2	4073	4884	9865	6274	49.98	cps
Iron	57-2	111	139	244	165	42.68	cps
Krypton	83-1	380	363	367	370	2.38	cps
Lead	207-1	344	311	333	330	5.15	cps
Lead	208-1	521	554	299	458	30.33	cps
Lead	206-1	406	378	411	398	4.49	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-06	Instrumnet Name :	P8
Client Sample ID :	FA20-FTF-RB1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:39:00	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1172280	1145804	1182234	1166773	1.61	cps
Magnesium	24-2	1009	825	1225	1020	19.64	cps
Manganese	55-2	203	157	217	192	16.39	cps
Molybdenum	94-1	133	125	83	114	23.52	cps
Molybdenum	95-1	50	83	33	56	45.83	cps
Molybdenum	96-1	50	117	158	108	50.44	cps
Molybdenum	97-1	8	42	17	22	78.07	cps
Molybdenum	98-1	133	108	50	97	43.99	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	280	243	293	272	9.51	cps
Phosphorus	31-2	175	108	142	142	23.53	cps
Potassium	39-2	25824	26533	26341	26233	1.40	cps
Rhodium	103-1	3711134	3585467	3751220	3682607	2.35	cps
Rhodium	103-2	1718830	1673403	1635261	1675831	2.50	cps
Scandium	45-1	2521539	2452868	2511114	2495173	1.48	cps
Scandium	45-2	96229	96179	93700	95370	1.52	cps
Selenium	77-2	7	3	10	7	50.03	cps
Selenium	78-2	28	42	53	41	30.57	cps
Selenium	82-1	-5	42	-5	11	251.55	cps
Silicon	28-1	880823	866612	899448	882294	1.87	cps
Silver	109-1	92	58	142	97	43.14	cps
Silver	107-1	150	108	125	128	16.41	cps
Sodium	23-2	36037	36003	36714	36251	1.11	cps
Strontium	86-1	683	708	633	675	5.66	cps
Strontium	88-1	475	483	608	522	14.30	cps
Sulfur	34-1	543025	546143	548903	546024	0.54	cps
Terbium	159-1	4180907	4025297	4104536	4103580	1.90	cps
Terbium	159-2	1794811	1797313	1718456	1770193	2.53	cps
Thallium	203-1	275	200	225	233	16.37	cps
Thallium	205-1	625	550	675	617	10.20	cps
Tin	118-1	208	150	133	164	24.03	cps
Titanium	47-1	367	325	392	361	9.33	cps
Uranium	238-1	33	0	8	14	124.91	cps
Vanadium	51-2	7	30	37	24	64.43	cps
Yttrium	89-1	5754466	5615696	5703703	5691289	1.23	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-06	Instrumnet Name :	P8
Client Sample ID :	FA20-FTF-RB1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:39:00	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	638435	633247	619066	630250	1.59	cps
Zinc	66-2	1203	1220	1270	1231	2.82	cps
Zirconium	90-1	175	250	342	256	32.66	cps
Zirconium	91-1	117	75	92	94	22.21	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-07	Instrumnet Name :	P8
Client Sample ID :	FA20-JPZ0683	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:41:50	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4309	4270	4311	4297	0.54	cps
Antimony	121-1	1108	1175	950	1078	10.72	cps
Arsenic	75-2	618	664	595	626	5.56	cps
Barium	135-1	59096	60845	61657	60533	2.16	cps
Barium	137-1	100581	103755	103428	102588	1.70	cps
Beryllium	9-1	305	245	300	283	11.85	cps
Bismuth	209-1	2284295	2361928	2265318	2303847	2.22	cps
Bismuth	209-2	1242975	1250110	1224664	1239249	1.06	cps
Boron	11-1	10756	11346	11812	11305	4.68	cps
Boron	10-1	2124	2270	2416	2270	6.43	cps
Bromine	81-1	6418	6558	7039	6672	4.88	cps
Cadmium	106-1	1408	1308	1217	1311	7.31	cps
Cadmium	108-1	29	29	25	28	8.67	cps
Cadmium	111-1	1049	987	926	987	6.23	cps
Calcium	43-1	538318	548561	540972	542617	0.98	cps
Calcium	44-1	8842844	9171550	8971353	8995249	1.84	cps
Chromium	52-2	2804	2587	2637	2676	4.24	cps
Cobalt	59-2	25065	25222	24618	24969	1.26	cps
Copper	63-2	5730	5662	5850	5747	1.66	cps
Dysprosium	156-1	1383	1383	1283	1350	4.28	cps
Dysprosium	156-2	530	653	550	578	11.46	cps
Erbium	164-1	1483	1483	1192	1386	12.15	cps
Erbium	164-2	577	680	580	612	9.59	cps
Gadolinium	160-1	1317	1475	1275	1356	7.78	cps
Gadolinium	160-2	720	733	707	720	1.85	cps
Holmium	165-1	3983706	4020764	4070662	4025044	1.08	cps
Holmium	165-2	1841749	1822099	1831344	1831731	0.54	cps
Indium	115-1	3921345	4024948	3961792	3969362	1.32	cps
Indium	115-2	597028	609369	595086	600494	1.29	cps
Iron	54-2	771425	771192	762821	768479	0.64	cps
Iron	56-2	14251907	14107001	13943430	14100779	1.09	cps
Iron	57-2	346983	351389	346425	348266	0.78	cps
Krypton	83-1	380	370	420	390	6.78	cps
Lead	207-1	3723	3778	3940	3814	2.95	cps
Lead	208-1	4150	3767	3763	3893	5.71	cps
Lead	206-1	4695	4829	4595	4706	2.49	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-07	Instrumnet Name :	P8
Client Sample ID :	FA20-JPZ0683	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:41:50	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1190926	1229763	1225140	1215276	1.75	cps
Magnesium	24-2	299798	297484	292721	296668	1.22	cps
Manganese	55-2	2247303	2219025	2180231	2215520	1.52	cps
Molybdenum	94-1	5026	5168	5510	5234	4.75	cps
Molybdenum	95-1	817	1008	850	892	11.48	cps
Molybdenum	96-1	2067	1600	1692	1786	13.85	cps
Molybdenum	97-1	600	467	583	550	13.21	cps
Molybdenum	98-1	1200	1467	1233	1300	11.18	cps
Neodymium	150-1	1253	1520	1547	1440	11.26	cps
Neodymium	150-2	430	530	443	468	11.61	cps
Nickel	60-2	2434	2580	2500	2505	2.93	cps
Phosphorus	31-2	317	308	283	303	5.73	cps
Potassium	39-2	126442	128469	127838	127583	0.81	cps
Rhodium	103-1	3795799	3823854	3788693	3802782	0.49	cps
Rhodium	103-2	1693091	1744108	1700558	1712586	1.61	cps
Scandium	45-1	2705702	2736279	2658485	2700155	1.45	cps
Scandium	45-2	98052	99022	97843	98306	0.64	cps
Selenium	77-2	13	10	17	13	25.01	cps
Selenium	78-2	33	54	47	45	23.95	cps
Selenium	82-1	27	26	-35	6	565.83	cps
Silicon	28-1	8713944	8717694	8614842	8682160	0.67	cps
Silver	109-1	208	217	317	247	24.39	cps
Silver	107-1	383	250	317	317	21.05	cps
Sodium	23-2	1055185	1017897	1019447	1030843	2.05	cps
Strontium	86-1	430807	445246	437466	437839	1.65	cps
Strontium	88-1	3689850	3771799	3712118	3724589	1.14	cps
Sulfur	34-1	588521	584505	584063	585696	0.42	cps
Terbium	159-1	4213817	4394353	4262713	4290294	2.18	cps
Terbium	159-2	1809319	1825176	1769824	1801439	1.58	cps
Thallium	203-1	300	367	300	322	11.95	cps
Thallium	205-1	900	633	717	750	18.19	cps
Tin	118-1	333	267	233	278	18.33	cps
Titanium	47-1	1959	1475	1900	1778	14.84	cps
Uranium	238-1	2092	2084	2025	2067	1.76	cps
Vanadium	51-2	2114	2064	2150	2109	2.06	cps
Yttrium	89-1	6007798	6087543	6177929	6091090	1.40	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-07	Instrumnet Name :	P8
Client Sample ID :	FA20-JPZ0683	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:41:50	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	653231	667883	643685	654933	1.86	cps
Zinc	66-2	1290	1273	1337	1300	2.53	cps
Zirconium	90-1	12873	14108	13482	13488	4.58	cps
Zirconium	91-1	3084	3142	3009	3078	2.17	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-08	Instrumnet Name :	P8
Client Sample ID :	FA20-JPZ0686	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:44:41	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	542	549	567	553	2.35	cps
Antimony	121-1	425	567	367	453	22.72	cps
Arsenic	75-2	40	41	33	38	12.21	cps
Barium	135-1	10204	10012	10296	10171	1.42	cps
Barium	137-1	17871	18054	17520	17815	1.52	cps
Beryllium	9-1	176	137	185	166	15.27	cps
Bismuth	209-1	2279880	2293449	2314006	2295779	0.75	cps
Bismuth	209-2	1094585	1198731	1232024	1175113	6.10	cps
Boron	11-1	7162	7578	7576	7439	3.22	cps
Boron	10-1	1412	1546	1532	1496	4.92	cps
Bromine	81-1	4766	5196	4606	4856	6.29	cps
Cadmium	106-1	1200	1467	1317	1328	10.07	cps
Cadmium	108-1	4	8	17	10	65.47	cps
Cadmium	111-1	854	1063	935	950	11.07	cps
Calcium	43-1	556151	568598	562539	562429	1.11	cps
Calcium	44-1	9280243	9359149	9209828	9283073	0.80	cps
Chromium	52-2	810	817	947	858	8.98	cps
Cobalt	59-2	270	270	200	247	16.39	cps
Copper	63-2	2609	2375	2491	2492	4.68	cps
Dysprosium	156-1	50	58	67	58	14.29	cps
Dysprosium	156-2	27	30	23	27	12.51	cps
Erbium	164-1	67	108	83	86	24.35	cps
Erbium	164-2	40	40	30	37	15.75	cps
Gadolinium	160-1	150	92	100	114	27.70	cps
Gadolinium	160-2	37	40	43	40	8.32	cps
Holmium	165-1	3965998	4002844	3966756	3978533	0.53	cps
Holmium	165-2	1605265	1775625	1793866	1724919	6.03	cps
Indium	115-1	3872359	3998095	3872150	3914201	1.86	cps
Indium	115-2	525943	576802	587428	563391	5.83	cps
Iron	54-2	1061	867	867	932	12.05	cps
Iron	56-2	12834	12612	12556	12667	1.16	cps
Iron	57-2	406	378	400	394	3.73	cps
Krypton	83-1	400	377	337	371	8.63	cps
Lead	207-1	461	539	356	452	20.36	cps
Lead	208-1	135	366	294	265	44.67	cps
Lead	206-1	406	733	500	546	30.89	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-08	Instrumnet Name :	P8
Client Sample ID :	FA20-JPZ0686	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:44:41	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1188852	1210078	1197992	1198974	0.89	cps
Magnesium	24-2	151442	147291	145623	148118	2.02	cps
Manganese	55-2	42062	40093	41253	41136	2.41	cps
Molybdenum	94-1	767	950	733	817	14.29	cps
Molybdenum	95-1	867	1183	817	956	20.81	cps
Molybdenum	96-1	950	1192	950	1031	13.54	cps
Molybdenum	97-1	525	633	375	511	25.38	cps
Molybdenum	98-1	1292	1700	1058	1350	24.06	cps
Neodymium	150-1	80	53	80	71	21.65	cps
Neodymium	150-2	27	33	17	26	32.81	cps
Nickel	60-2	550	473	510	511	7.50	cps
Phosphorus	31-2	175	208	200	194	8.92	cps
Potassium	39-2	46902	45790	47011	46568	1.45	cps
Rhodium	103-1	3719803	3728023	3820376	3756068	1.49	cps
Rhodium	103-2	1499715	1635374	1662647	1599245	5.46	cps
Scandium	45-1	2638731	2612420	2622091	2624414	0.51	cps
Scandium	45-2	85597	93609	97686	92297	6.66	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	53	39	49	47	15.35	cps
Selenium	82-1	-11	43	50	27	122.53	cps
Silicon	28-1	3845518	3914135	3782988	3847547	1.70	cps
Silver	109-1	50	58	58	56	8.66	cps
Silver	107-1	92	125	158	125	26.67	cps
Sodium	23-2	130043	126268	128630	128314	1.49	cps
Strontium	86-1	320240	329022	329422	326228	1.59	cps
Strontium	88-1	2745801	2828346	2786308	2786818	1.48	cps
Sulfur	34-1	544223	549448	551049	548240	0.65	cps
Terbium	159-1	4310370	4333844	4250516	4298243	1.00	cps
Terbium	159-2	1631330	1735222	1804947	1723833	5.07	cps
Thallium	203-1	150	192	192	178	13.53	cps
Thallium	205-1	250	600	308	386	48.57	cps
Tin	118-1	175	150	133	153	13.73	cps
Titanium	47-1	417	517	358	431	18.60	cps
Uranium	238-1	1600	1750	1500	1617	7.78	cps
Vanadium	51-2	143	187	140	157	16.62	cps
Yttrium	89-1	5866939	5991049	5998813	5952267	1.24	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-08	Instrumnet Name :	P8
Client Sample ID :	FA20-JPZ0686	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:44:41	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	568040	620862	637651	608851	5.97	cps
Zinc	66-2	160	183	153	166	9.52	cps
Zirconium	90-1	992	825	825	881	10.93	cps
Zirconium	91-1	275	242	233	250	8.82	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-09	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0685	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:47:29	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3586	3549	3405	3513	2.72	cps
Antimony	121-1	192	125	117	144	28.46	cps
Arsenic	75-2	295	294	249	279	9.44	cps
Barium	135-1	62594	65350	64646	64197	2.23	cps
Barium	137-1	111491	113179	112255	112308	0.75	cps
Beryllium	9-1	142	125	141	136	6.99	cps
Bismuth	209-1	2163254	2225235	2298470	2228986	3.04	cps
Bismuth	209-2	1233330	1214602	1229847	1225927	0.81	cps
Boron	11-1	6806	7576	7214	7199	5.35	cps
Boron	10-1	1400	1524	1546	1490	5.28	cps
Bromine	81-1	6729	7139	6949	6939	2.96	cps
Cadmium	106-1	1250	1283	1183	1239	4.11	cps
Cadmium	108-1	0	13	25	13	100.00	cps
Cadmium	111-1	904	890	823	872	4.94	cps
Calcium	43-1	823788	834987	834602	831126	0.76	cps
Calcium	44-1	13594507	13885309	13879127	13786314	1.21	cps
Chromium	52-2	833	733	737	768	7.40	cps
Cobalt	59-2	1443	1387	1400	1410	2.10	cps
Copper	63-2	5068	4819	5089	4992	3.00	cps
Dysprosium	156-1	517	458	450	475	7.65	cps
Dysprosium	156-2	170	160	173	168	4.14	cps
Erbium	164-1	450	350	392	397	12.65	cps
Erbium	164-2	147	133	160	147	9.09	cps
Gadolinium	160-1	342	475	417	411	16.26	cps
Gadolinium	160-2	240	210	200	217	9.61	cps
Holmium	165-1	3882234	3901583	3956156	3913324	0.98	cps
Holmium	165-2	1825572	1766083	1831735	1807797	2.01	cps
Indium	115-1	3749551	3771320	3890769	3803880	2.00	cps
Indium	115-2	586528	579598	592553	586226	1.11	cps
Iron	54-2	151203	150736	147672	149871	1.28	cps
Iron	56-2	2818845	2764131	2753366	2778781	1.26	cps
Iron	57-2	69044	67967	67286	68099	1.30	cps
Krypton	83-1	380	360	353	364	3.81	cps
Lead	207-1	744	739	706	730	2.88	cps
Lead	208-1	597	534	789	640	20.76	cps
Lead	206-1	850	850	822	841	1.91	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-09	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0685	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:47:29	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1202324	1161271	1195971	1186522	1.86	cps
Magnesium	24-2	1282894	1249365	1247218	1259826	1.59	cps
Manganese	55-2	707182	709225	700351	705586	0.66	cps
Molybdenum	94-1	658	633	675	656	3.20	cps
Molybdenum	95-1	242	275	333	283	16.38	cps
Molybdenum	96-1	508	392	500	467	13.95	cps
Molybdenum	97-1	167	183	192	181	7.05	cps
Molybdenum	98-1	450	425	600	492	19.25	cps
Neodymium	150-1	887	893	733	838	10.80	cps
Neodymium	150-2	227	233	250	237	5.08	cps
Nickel	60-2	337	430	420	396	12.96	cps
Phosphorus	31-2	350	275	300	308	12.38	cps
Potassium	39-2	46317	44620	45013	45316	1.96	cps
Rhodium	103-1	3611409	3591658	3659633	3620900	0.97	cps
Rhodium	103-2	1650905	1685300	1695663	1677289	1.40	cps
Scandium	45-1	2522445	2517479	2574669	2538197	1.25	cps
Scandium	45-2	94968	94948	95529	95148	0.35	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	43	47	39	43	9.30	cps
Selenium	82-1	13	34	86	44	85.69	cps
Silicon	28-1	11771752	12072690	12021539	11955327	1.35	cps
Silver	109-1	67	67	42	58	24.74	cps
Silver	107-1	108	42	142	97	52.37	cps
Sodium	23-2	757583	747217	747984	750928	0.77	cps
Strontium	86-1	727425	735099	742730	735085	1.04	cps
Strontium	88-1	6177899	6180783	6357860	6238848	1.65	cps
Sulfur	34-1	564153	564136	560869	563052	0.34	cps
Terbium	159-1	4081221	4193423	4252357	4175667	2.08	cps
Terbium	159-2	1804852	1761921	1809072	1791948	1.46	cps
Thallium	203-1	75	108	117	100	22.05	cps
Thallium	205-1	283	325	225	278	18.08	cps
Tin	118-1	292	217	283	264	15.58	cps
Titanium	47-1	1300	1383	1608	1431	11.15	cps
Uranium	238-1	1592	1734	1817	1714	6.64	cps
Vanadium	51-2	100	127	130	119	13.83	cps
Yttrium	89-1	5897239	5618847	5915982	5810689	2.86	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4813-09	Instrumnet Name :	P8
Client Sample ID :	FA20-JMW0685	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:47:29	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	630914	630399	640448	633921	0.89	cps
Zinc	66-2	387	343	307	346	11.59	cps
Zirconium	90-1	1208	1425	1317	1317	8.23	cps
Zirconium	91-1	267	300	350	306	13.73	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4814-01	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW103	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:50:19	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	412	462	376	417	10.38	cps
Antimony	121-1	333	325	275	311	10.14	cps
Arsenic	75-2	98	95	101	98	3.03	cps
Barium	135-1	20933	22336	21810	21693	3.27	cps
Barium	137-1	35581	36475	36232	36096	1.28	cps
Beryllium	9-1	142	154	140	145	5.43	cps
Bismuth	209-1	2304522	2223317	2240640	2256160	1.90	cps
Bismuth	209-2	1232692	1211802	1182967	1209154	2.06	cps
Boron	11-1	6906	7210	7620	7246	4.95	cps
Boron	10-1	1380	1446	1596	1474	7.51	cps
Bromine	81-1	4395	4756	4525	4559	4.00	cps
Cadmium	106-1	1208	1125	1200	1178	3.90	cps
Cadmium	108-1	21	8	8	12	57.75	cps
Cadmium	111-1	844	807	909	853	6.08	cps
Calcium	43-1	698283	717543	703678	706501	1.41	cps
Calcium	44-1	11525055	11781797	11751111	11685988	1.20	cps
Chromium	52-2	723	727	677	709	3.94	cps
Cobalt	59-2	2330	2214	2167	2237	3.76	cps
Copper	63-2	1254	1224	1312	1263	3.55	cps
Dysprosium	156-1	8	25	50	28	75.51	cps
Dysprosium	156-2	3	10	13	9	57.30	cps
Erbium	164-1	42	8	33	28	62.46	cps
Erbium	164-2	7	7	23	12	78.69	cps
Gadolinium	160-1	50	25	58	44	39.04	cps
Gadolinium	160-2	13	13	3	10	57.75	cps
Holmium	165-1	3998487	3903682	3952293	3951487	1.20	cps
Holmium	165-2	1817049	1808906	1780531	1802162	1.06	cps
Indium	115-1	3988200	3739448	3890797	3872815	3.24	cps
Indium	115-2	598581	583075	565569	582409	2.84	cps
Iron	54-2	43433	43394	44001	43609	0.78	cps
Iron	56-2	822320	805371	810366	812686	1.07	cps
Iron	57-2	20437	20927	20020	20461	2.22	cps
Krypton	83-1	403	407	380	397	3.66	cps
Lead	207-1	372	333	439	381	14.00	cps
Lead	208-1	485	360	279	375	27.66	cps
Lead	206-1	467	483	433	461	5.52	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4814-01	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW103	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:50:19	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1235557	1169046	1142392	1182332	4.06	cps
Magnesium	24-2	475673	472312	470393	472792	0.57	cps
Manganese	55-2	73622	72526	73364	73171	0.78	cps
Molybdenum	94-1	483	417	308	403	21.93	cps
Molybdenum	95-1	317	358	492	389	23.51	cps
Molybdenum	96-1	483	608	483	525	13.75	cps
Molybdenum	97-1	167	192	217	192	13.05	cps
Molybdenum	98-1	533	525	642	567	11.49	cps
Neodymium	150-1	27	47	13	29	58.08	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	410	400	360	390	6.78	cps
Phosphorus	31-2	225	250	217	231	7.52	cps
Potassium	39-2	92245	90525	90147	90972	1.23	cps
Rhodium	103-1	3836700	3653625	3711333	3733886	2.51	cps
Rhodium	103-2	1670055	1656336	1601643	1642678	2.20	cps
Scandium	45-1	2716978	2549702	2579950	2615543	3.41	cps
Scandium	45-2	96656	95384	93958	95333	1.42	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	44	42	58	48	18.17	cps
Selenium	82-1	-13	-40	16	-12	-228.76	cps
Silicon	28-1	5233672	5262998	5223736	5240135	0.39	cps
Silver	109-1	58	25	83	56	52.68	cps
Silver	107-1	83	58	58	67	21.65	cps
Sodium	23-2	261022	261176	259944	260714	0.26	cps
Strontium	86-1	401912	412170	399583	404555	1.66	cps
Strontium	88-1	3394089	3448162	3432823	3425025	0.81	cps
Sulfur	34-1	633736	633783	635840	634453	0.19	cps
Terbium	159-1	4285355	4119955	4360204	4255172	2.89	cps
Terbium	159-2	1809215	1747686	1707780	1754893	2.91	cps
Thallium	203-1	100	100	125	108	13.33	cps
Thallium	205-1	233	300	242	258	14.06	cps
Tin	118-1	533	583	483	533	9.37	cps
Titanium	47-1	342	367	467	392	16.89	cps
Uranium	238-1	1675	1767	1592	1678	5.22	cps
Vanadium	51-2	883	840	870	864	2.57	cps
Yttrium	89-1	5943806	5700424	5975264	5873165	2.56	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4814-01	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW103	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:50:19	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	642953	636266	615857	631692	2.23	cps
Zinc	66-2	250	263	240	251	4.66	cps
Zirconium	90-1	425	600	575	533	17.75	cps
Zirconium	91-1	108	158	117	128	20.96	cps

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : CCV33 Instrumnet Name : P8
 Client Sample ID : CCV33 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 17:55:06 DataFile Name : 059CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	901458	904822	889486	898588	0.90	cps
Antimony	121-1	1477898	1487068	1520984	1495317	1.52	cps
Arsenic	75-2	48958	49143	49108	49070	0.20	cps
Barium	135-1	1499273	1515989	1532333	1515865	1.09	cps
Barium	137-1	2601062	2630338	2664112	2631837	1.20	cps
Beryllium	9-1	305914	310773	317513	311400	1.87	cps
Bismuth	209-1	2097243	2118543	1963848	2059878	4.07	cps
Bismuth	209-2	1184428	1164131	1138651	1162403	1.97	cps
Boron	11-1	108991	123956	132793	121913	9.87	cps
Boron	10-1	21720	24205	26715	24213	10.32	cps
Bromine	81-1	3164	3114	3204	3160	1.43	cps
Cadmium	106-1	35296	36415	36315	36009	1.72	cps
Cadmium	108-1	24213	23900	25453	24522	3.35	cps
Cadmium	111-1	324927	331466	333040	329811	1.30	cps
Calcium	43-1	1871687	1908352	1909567	1896535	1.14	cps
Calcium	44-1	30889619	31215228	31428368	31177738	0.87	cps
Chromium	52-2	418767	418084	415866	417573	0.36	cps
Cobalt	59-2	712677	705928	708020	708875	0.49	cps
Copper	63-2	5487476	5422384	5342982	5417614	1.34	cps
Dysprosium	156-1	158	158	175	164	5.87	cps
Dysprosium	156-2	50	47	23	40	36.33	cps
Erbium	164-1	33	25	33	31	15.74	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	100	200	108	136	40.77	cps
Gadolinium	160-2	80	53	77	70	20.76	cps
Holmium	165-1	3772949	3805297	3515062	3697769	4.30	cps
Holmium	165-2	1831329	1736522	1730315	1766055	3.21	cps
Indium	115-1	3656085	3622476	3459534	3579365	2.94	cps
Indium	115-2	575818	561515	557619	564984	1.70	cps
Iron	54-2	4367418	4351431	4298685	4339178	0.83	cps
Iron	56-2	79755807	78169963	78155257	78693676	1.17	cps
Iron	57-2	2019767	2000251	1975965	1998661	1.10	cps
Krypton	83-1	350	347	380	359	5.12	cps
Lead	207-1	3449890	3440043	3523901	3471278	1.32	cps
Lead	208-1	2943814	3016320	2959384	2973172	1.28	cps
Lead	206-1	3774216	3797636	3951909	3841254	2.51	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:55:06	DataFile Name :	059CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1141130	1154291	1124073	1139832	1.33	cps
Magnesium	24-2	14122688	14111059	13946807	14060184	0.70	cps
Manganese	55-2	2057691	2002938	1995695	2018774	1.68	cps
Molybdenum	94-1	2829704	2867751	2923457	2873637	1.64	cps
Molybdenum	95-1	3469872	3533382	3585468	3529574	1.64	cps
Molybdenum	96-1	3830643	3883040	3943812	3885832	1.46	cps
Molybdenum	97-1	2192843	2212351	2211840	2205678	0.50	cps
Molybdenum	98-1	5590522	5575627	5567725	5577958	0.21	cps
Neodymium	150-1	73	80	113	89	24.11	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	194159	192524	191717	192800	0.65	cps
Phosphorus	31-2	12647	12923	14241	13270	6.42	cps
Potassium	39-2	5708943	5685428	5700458	5698276	0.21	cps
Rhodium	103-1	3401727	3421695	3283649	3369024	2.21	cps
Rhodium	103-2	1614329	1572677	1561428	1582811	1.76	cps
Scandium	45-1	2483829	2509550	2351890	2448423	3.45	cps
Scandium	45-2	95300	93482	91808	93530	1.87	cps
Selenium	77-2	727	690	697	704	2.77	cps
Selenium	78-2	2428	2494	2357	2427	2.82	cps
Selenium	82-1	22888	23251	23638	23259	1.61	cps
Silicon	28-1	1844383	1963405	2073267	1960352	5.84	cps
Silver	109-1	1558077	1562928	1568213	1563073	0.32	cps
Silver	107-1	1634040	1675380	1696450	1668623	1.90	cps
Sodium	23-2	26974090	27666911	26905338	27182113	1.55	cps
Strontium	86-1	459870	464202	474141	466071	1.57	cps
Strontium	88-1	3838537	3887906	3951679	3892707	1.46	cps
Sulfur	34-1	667483	666330	673173	668995	0.55	cps
Terbium	159-1	4020676	3947793	3817958	3928809	2.61	cps
Terbium	159-2	1791264	1713478	1694510	1733084	2.96	cps
Thallium	203-1	860188	875467	888590	874748	1.62	cps
Thallium	205-1	2111613	2143616	2162183	2139137	1.20	cps
Tin	118-1	1034730	1050558	1061213	1048834	1.27	cps
Titanium	47-1	983356	1011396	1034508	1009753	2.54	cps
Uranium	238-1	2481314	2546223	2526513	2518017	1.32	cps
Vanadium	51-2	348201	346985	344605	346597	0.53	cps
Yttrium	89-1	5548891	5582985	5334073	5488650	2.46	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 17:55:06	DataFile Name :	059CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	629184	618146	613478	620269	1.30	cps
Zinc	66-2	746230	740581	739214	742009	0.50	cps
Zirconium	90-1	2327533	2409387	2481165	2406028	3.19	cps
Zirconium	91-1	526445	544754	555499	542233	2.71	cps

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : CCB33 Instrumnet Name : P8
 Client Sample ID : CCB33 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 18:04:39 DataFile Name : 060CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	379	372	390	380	2.33	cps
Antimony	121-1	75	83	158	106	43.48	cps
Arsenic	75-2	3	9	7	6	47.83	cps
Barium	135-1	33	33	33	33	0.00	cps
Barium	137-1	67	17	67	50	57.73	cps
Beryllium	9-1	120	149	137	135	10.99	cps
Bismuth	209-1	2038614	2046541	2068862	2051339	0.76	cps
Bismuth	209-2	1110264	1099899	1137873	1116012	1.76	cps
Boron	11-1	3660	3590	3664	3638	1.14	cps
Boron	10-1	760	718	728	735	2.98	cps
Bromine	81-1	3644	3194	3164	3334	8.08	cps
Cadmium	106-1	1042	1208	1033	1095	9.02	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Cadmium	111-1	751	857	741	783	8.17	cps
Calcium	43-1	249	254	236	246	3.66	cps
Calcium	44-1	16205	16102	16302	16203	0.62	cps
Chromium	52-2	637	583	630	617	4.71	cps
Cobalt	59-2	107	53	67	76	36.74	cps
Copper	63-2	930	898	918	916	1.75	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	8	8	8	0.00	cps
Erbium	164-2	7	13	7	9	43.25	cps
Gadolinium	160-1	33	17	33	28	34.63	cps
Gadolinium	160-2	0	3	7	3	100.05	cps
Holmium	165-1	3596180	3497759	3622037	3571992	1.84	cps
Holmium	165-2	1598743	1627044	1692428	1639405	2.93	cps
Indium	115-1	3542126	3473736	3609971	3541944	1.92	cps
Indium	115-2	533744	528938	550888	537857	2.15	cps
Iron	54-2	383	350	378	370	4.82	cps
Iron	56-2	2939	3078	3078	3032	2.65	cps
Iron	57-2	106	144	122	124	15.73	cps
Krypton	83-1	397	393	430	407	4.99	cps
Lead	207-1	311	317	339	322	4.56	cps
Lead	208-1	354	284	268	302	15.14	cps
Lead	206-1	433	389	428	417	5.81	cps

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : CCB33 Instrumnet Name : P8
 Client Sample ID : CCB33 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 18:04:39 DataFile Name : 060CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1102851	1105715	1080883	1096483	1.24	cps
Magnesium	24-2	717	525	608	617	15.58	cps
Manganese	55-2	143	190	117	150	24.74	cps
Molybdenum	94-1	150	133	142	142	5.88	cps
Molybdenum	95-1	92	42	8	47	88.83	cps
Molybdenum	96-1	83	67	67	72	13.33	cps
Molybdenum	97-1	42	8	50	33	66.15	cps
Molybdenum	98-1	125	33	67	75	61.87	cps
Neodymium	150-1	0	0	27	9	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	280	243	257	260	7.14	cps
Phosphorus	31-2	175	125	217	172	26.65	cps
Potassium	39-2	25473	25598	26099	25724	1.29	cps
Rhodium	103-1	3355018	3401927	3440998	3399314	1.27	cps
Rhodium	103-2	1567739	1503702	1579484	1550309	2.63	cps
Scandium	45-1	2410466	2346705	2390396	2382522	1.37	cps
Scandium	45-2	87900	86452	89138	87830	1.53	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	34	41	54	43	23.61	cps
Selenium	82-1	-16	-14	-24	-18	-27.45	cps
Silicon	28-1	879836	885335	892533	885901	0.72	cps
Silver	109-1	58	75	167	100	58.34	cps
Silver	107-1	108	100	192	133	38.02	cps
Sodium	23-2	36137	35719	34993	35616	1.63	cps
Strontium	86-1	642	517	675	611	13.66	cps
Strontium	88-1	150	108	175	144	23.32	cps
Sulfur	34-1	529568	532873	530900	531114	0.31	cps
Terbium	159-1	3840228	3819746	3837520	3832498	0.29	cps
Terbium	159-2	1628689	1608231	1644500	1627140	1.12	cps
Thallium	203-1	192	267	258	239	17.21	cps
Thallium	205-1	433	417	567	472	17.41	cps
Tin	118-1	167	225	150	181	21.81	cps
Titanium	47-1	317	333	342	331	3.85	cps
Uranium	238-1	8	0	8	6	86.60	cps
Vanadium	51-2	3	10	3	6	69.34	cps
Yttrium	89-1	5286011	5232226	5320281	5279506	0.84	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 18:04:39	DataFile Name :	060CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	576742	568529	601369	582213	2.94	cps
Zinc	66-2	100	77	73	83	17.44	cps
Zirconium	90-1	217	175	133	175	23.81	cps
Zirconium	91-1	100	42	58	67	45.07	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4814-02	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW101	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 18:07:30	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	430	441	409	427	3.87	cps
Antimony	121-1	158	200	167	175	12.60	cps
Arsenic	75-2	10	11	8	9	16.93	cps
Barium	135-1	18530	19364	18705	18866	2.33	cps
Barium	137-1	30969	31980	30844	31264	1.99	cps
Beryllium	9-1	123	129	156	136	13.10	cps
Bismuth	209-1	2223923	2211138	2186770	2207277	0.86	cps
Bismuth	209-2	1230234	1202399	1162648	1198427	2.83	cps
Boron	11-1	4456	4742	4862	4686	4.45	cps
Boron	10-1	890	870	1024	928	9.02	cps
Bromine	81-1	4175	4135	4265	4192	1.59	cps
Cadmium	106-1	1308	1208	1208	1242	4.65	cps
Cadmium	108-1	17	0	0	6	173.21	cps
Cadmium	111-1	917	871	867	885	3.14	cps
Calcium	43-1	656056	660319	671436	662604	1.20	cps
Calcium	44-1	10954916	11162925	11040182	11052674	0.95	cps
Chromium	52-2	750	867	847	821	7.60	cps
Cobalt	59-2	103	90	83	92	11.04	cps
Copper	63-2	1157	1144	1284	1195	6.48	cps
Dysprosium	156-1	58	58	33	50	28.87	cps
Dysprosium	156-2	17	17	13	16	12.40	cps
Erbium	164-1	58	58	67	61	7.87	cps
Erbium	164-2	23	23	23	23	0.00	cps
Gadolinium	160-1	58	50	83	64	27.15	cps
Gadolinium	160-2	23	13	33	23	42.86	cps
Holmium	165-1	3919451	3960336	3788065	3889284	2.31	cps
Holmium	165-2	1804222	1788267	1740543	1777677	1.86	cps
Indium	115-1	3849613	3874221	3788682	3837506	1.15	cps
Indium	115-2	597008	585740	570156	584301	2.31	cps
Iron	54-2	606	578	456	546	14.61	cps
Iron	56-2	4673	4634	4929	4745	3.37	cps
Iron	57-2	272	228	256	252	8.92	cps
Krypton	83-1	437	397	407	413	5.04	cps
Lead	207-1	389	411	350	383	8.07	cps
Lead	208-1	477	316	507	433	23.74	cps
Lead	206-1	478	467	433	459	5.04	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4814-02	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW101	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 18:07:30	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1170838	1187801	1168240	1175626	0.90	cps
Magnesium	24-2	369498	369751	367740	368996	0.30	cps
Manganese	55-2	190	150	140	160	16.54	cps
Molybdenum	94-1	150	192	258	200	27.33	cps
Molybdenum	95-1	58	75	83	72	17.63	cps
Molybdenum	96-1	150	117	125	131	13.29	cps
Molybdenum	97-1	25	17	67	36	74.18	cps
Molybdenum	98-1	42	92	133	89	51.63	cps
Neodymium	150-1	67	67	60	64	5.98	cps
Neodymium	150-2	17	23	23	21	18.21	cps
Nickel	60-2	323	303	310	312	3.26	cps
Phosphorus	31-2	150	175	150	158	9.12	cps
Potassium	39-2	55030	56478	56829	56112	1.70	cps
Rhodium	103-1	3716076	3694178	3629614	3679956	1.22	cps
Rhodium	103-2	1692701	1683249	1611451	1662467	2.67	cps
Scandium	45-1	2635590	2582296	2580677	2599521	1.20	cps
Scandium	45-2	97744	94958	92550	95084	2.73	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	55	37	63	52	25.78	cps
Selenium	82-1	-23	0	32	3	1013.86	cps
Silicon	28-1	5982317	6146276	6072151	6066915	1.35	cps
Silver	109-1	67	33	75	58	37.80	cps
Silver	107-1	50	83	92	75	29.40	cps
Sodium	23-2	386285	386794	390923	388001	0.66	cps
Strontium	86-1	394165	400422	397584	397390	0.79	cps
Strontium	88-1	3407269	3334956	3343834	3362020	1.17	cps
Sulfur	34-1	566644	562382	565093	564706	0.38	cps
Terbium	159-1	4158884	4198168	4030395	4129149	2.13	cps
Terbium	159-2	1793053	1738946	1691808	1741269	2.91	cps
Thallium	203-1	183	133	92	136	33.72	cps
Thallium	205-1	458	375	367	400	12.67	cps
Tin	118-1	592	633	667	631	5.96	cps
Titanium	47-1	383	433	333	383	13.04	cps
Uranium	238-1	1333	1225	1158	1239	7.13	cps
Vanadium	51-2	27	33	30	30	11.10	cps
Yttrium	89-1	5900631	5841879	5726127	5822879	1.52	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4814-02	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW101	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 18:07:30	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	649173	634177	613314	632222	2.85	cps
Zinc	66-2	203	200	220	208	5.16	cps
Zirconium	90-1	308	333	425	356	17.28	cps
Zirconium	91-1	133	92	142	122	21.92	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4814-03	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW115	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 18:10:21	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	540	541	644	575	10.36	cps
Antimony	121-1	533	450	433	472	11.35	cps
Arsenic	75-2	243	202	218	221	9.33	cps
Barium	135-1	19907	20307	19790	20001	1.36	cps
Barium	137-1	33835	35071	34235	34380	1.83	cps
Beryllium	9-1	120	140	141	134	8.91	cps
Bismuth	209-1	2064107	2279911	2179887	2174635	4.97	cps
Bismuth	209-2	1210758	1203006	1150194	1187986	2.77	cps
Boron	11-1	5870	6480	6518	6289	5.78	cps
Boron	10-1	1196	1210	1306	1237	4.84	cps
Bromine	81-1	3935	4586	4165	4228	7.81	cps
Cadmium	106-1	1208	900	1433	1181	22.68	cps
Cadmium	108-1	8	4	0	4	99.96	cps
Cadmium	111-1	853	669	1028	850	21.16	cps
Calcium	43-1	835085	839689	834312	836362	0.35	cps
Calcium	44-1	13881547	14032597	14103151	14005765	0.81	cps
Chromium	52-2	730	743	867	780	9.66	cps
Cobalt	59-2	1490	1573	1473	1512	3.54	cps
Copper	63-2	1139	1010	1129	1092	6.59	cps
Dysprosium	156-1	83	167	100	117	37.79	cps
Dysprosium	156-2	30	60	30	40	43.30	cps
Erbium	164-1	125	108	208	147	36.39	cps
Erbium	164-2	53	47	40	47	14.28	cps
Gadolinium	160-1	150	117	67	111	37.75	cps
Gadolinium	160-2	40	40	33	38	10.19	cps
Holmium	165-1	3648671	3943333	3841720	3811241	3.93	cps
Holmium	165-2	1792612	1800715	1703772	1765699	3.05	cps
Indium	115-1	3553623	3938007	3768263	3753298	5.13	cps
Indium	115-2	585667	591767	564369	580601	2.48	cps
Iron	54-2	170303	170281	170032	170205	0.09	cps
Iron	56-2	3176399	3087885	3194241	3152842	1.81	cps
Iron	57-2	78330	74941	79135	77469	2.87	cps
Krypton	83-1	430	310	347	362	16.98	cps
Lead	207-1	550	361	411	441	22.21	cps
Lead	208-1	146	363	360	290	42.92	cps
Lead	206-1	444	483	422	450	6.87	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4814-03	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW115	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 18:10:21	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1110182	1167100	1154941	1144074	2.62	cps
Magnesium	24-2	545963	544047	554826	548278	1.05	cps
Manganese	55-2	83858	84132	86091	84694	1.44	cps
Molybdenum	94-1	533	475	475	494	6.81	cps
Molybdenum	95-1	517	508	608	544	10.19	cps
Molybdenum	96-1	633	517	508	553	12.64	cps
Molybdenum	97-1	292	300	350	314	10.05	cps
Molybdenum	98-1	667	742	750	719	6.38	cps
Neodymium	150-1	100	127	147	124	18.81	cps
Neodymium	150-2	20	40	50	37	41.66	cps
Nickel	60-2	857	813	873	848	3.65	cps
Phosphorus	31-2	300	233	217	250	17.64	cps
Potassium	39-2	93653	93946	96245	94615	1.50	cps
Rhodium	103-1	3468803	3793336	3629680	3630607	4.47	cps
Rhodium	103-2	1662056	1710987	1573716	1648920	4.22	cps
Scandium	45-1	2429725	2654465	2574641	2552944	4.46	cps
Scandium	45-2	97250	95676	91958	94961	2.86	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	53	52	60	55	7.92	cps
Selenium	82-1	-21	104	73	52	125.83	cps
Silicon	28-1	5793921	5774099	5836570	5801530	0.55	cps
Silver	109-1	25	83	75	61	51.63	cps
Silver	107-1	50	100	67	72	35.25	cps
Sodium	23-2	282343	277017	284059	281140	1.31	cps
Strontium	86-1	473703	474402	474140	474082	0.07	cps
Strontium	88-1	4009281	4060729	4026328	4032113	0.65	cps
Sulfur	34-1	714482	713285	719085	715617	0.43	cps
Terbium	159-1	3892098	4264554	4110714	4089122	4.58	cps
Terbium	159-2	1788893	1776920	1695566	1753793	2.90	cps
Thallium	203-1	108	117	125	117	7.14	cps
Thallium	205-1	258	217	192	222	15.16	cps
Tin	118-1	167	225	283	225	25.93	cps
Titanium	47-1	417	442	525	461	12.30	cps
Uranium	238-1	3025	2859	2675	2853	6.14	cps
Vanadium	51-2	113	87	97	99	13.62	cps
Yttrium	89-1	5484754	6128854	5821963	5811857	5.54	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4814-03	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW115	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 18:10:21	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	637935	644851	613413	632066	2.61	cps
Zinc	66-2	2637	2800	2540	2659	4.94	cps
Zirconium	90-1	542	533	525	533	1.56	cps
Zirconium	91-1	75	75	133	94	35.66	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4814-04	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW105	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 18:13:10	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	440	452	432	442	2.29	cps
Antimony	121-1	217	183	208	203	8.55	cps
Arsenic	75-2	104	105	108	106	1.99	cps
Barium	135-1	27053	26393	27837	27094	2.67	cps
Barium	137-1	46623	46314	47634	46857	1.47	cps
Beryllium	9-1	131	150	149	144	7.56	cps
Bismuth	209-1	2265429	2243717	2015310	2174819	6.37	cps
Bismuth	209-2	1244257	1250546	1199028	1231277	2.28	cps
Boron	11-1	6406	7058	7432	6966	7.46	cps
Boron	10-1	1316	1450	1540	1435	7.85	cps
Bromine	81-1	3784	4115	4806	4235	12.31	cps
Cadmium	106-1	1442	1183	1208	1278	11.15	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Cadmium	111-1	1017	834	853	901	11.20	cps
Calcium	43-1	990044	1017101	1031606	1012917	2.08	cps
Calcium	44-1	16443463	16507711	16960876	16637350	1.70	cps
Chromium	52-2	813	710	833	786	8.43	cps
Cobalt	59-2	627	540	543	570	8.61	cps
Copper	63-2	1011	994	977	994	1.72	cps
Dysprosium	156-1	100	75	92	89	14.32	cps
Dysprosium	156-2	23	27	23	24	7.89	cps
Erbium	164-1	67	83	67	72	13.33	cps
Erbium	164-2	33	30	40	34	14.78	cps
Gadolinium	160-1	108	50	58	72	43.69	cps
Gadolinium	160-2	40	30	33	34	14.78	cps
Holmium	165-1	3947231	3952928	3531412	3810524	6.34	cps
Holmium	165-2	1838034	1835215	1794512	1822587	1.34	cps
Indium	115-1	3939941	3919963	3508460	3789454	6.43	cps
Indium	115-2	614851	606633	588510	603332	2.23	cps
Iron	54-2	345774	338429	340399	341534	1.11	cps
Iron	56-2	6334513	6189703	6258095	6260770	1.16	cps
Iron	57-2	157067	155201	156100	156123	0.60	cps
Krypton	83-1	420	377	420	406	6.17	cps
Lead	207-1	361	389	428	393	8.53	cps
Lead	208-1	345	326	224	298	21.89	cps
Lead	206-1	367	400	439	402	8.99	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4814-04	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW105	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 18:13:10	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1153962	1150978	1070650	1125197	4.20	cps
Magnesium	24-2	528827	521830	516835	522497	1.15	cps
Manganese	55-2	187329	186267	184946	186180	0.64	cps
Molybdenum	94-1	442	408	592	481	20.33	cps
Molybdenum	95-1	108	117	150	125	17.64	cps
Molybdenum	96-1	167	267	250	228	23.52	cps
Molybdenum	97-1	133	67	100	100	33.33	cps
Molybdenum	98-1	200	217	133	183	24.05	cps
Neodymium	150-1	153	160	107	140	20.76	cps
Neodymium	150-2	37	30	20	29	29.04	cps
Nickel	60-2	443	440	530	471	10.83	cps
Phosphorus	31-2	267	208	250	242	12.43	cps
Potassium	39-2	99391	103596	101825	101604	2.08	cps
Rhodium	103-1	3755979	3656221	3317644	3576615	6.42	cps
Rhodium	103-2	1731808	1744153	1651033	1708998	2.96	cps
Scandium	45-1	2585341	2600938	2275193	2487158	7.39	cps
Scandium	45-2	99921	97921	96086	97976	1.96	cps
Selenium	77-2	0	10	7	6	91.64	cps
Selenium	78-2	31	43	61	45	33.56	cps
Selenium	82-1	18	-8	-19	-3	-708.67	cps
Silicon	28-1	6670111	6827806	6816014	6771310	1.30	cps
Silver	109-1	50	25	33	36	35.25	cps
Silver	107-1	50	50	58	53	9.12	cps
Sodium	23-2	278462	281379	277892	279245	0.67	cps
Strontium	86-1	567681	583607	574580	575290	1.39	cps
Strontium	88-1	4716042	4857993	4848631	4807555	1.65	cps
Sulfur	34-1	656770	666166	664663	662533	0.76	cps
Terbium	159-1	4220438	4263952	3803034	4095808	6.21	cps
Terbium	159-2	1834223	1839834	1780857	1818305	1.79	cps
Thallium	203-1	92	42	50	61	43.83	cps
Thallium	205-1	233	225	175	211	14.94	cps
Tin	118-1	150	217	125	164	28.91	cps
Titanium	47-1	325	325	367	339	7.10	cps
Uranium	238-1	2234	1917	1892	2014	9.46	cps
Vanadium	51-2	130	123	100	118	13.38	cps
Yttrium	89-1	5921881	5919856	5241436	5694391	6.89	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	L4814-04	Instrumnet Name :	P8
Client Sample ID :	FA20-USMW105	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 18:13:10	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	665696	657672	640833	654734	1.94	cps
Zinc	66-2	217	247	230	231	6.50	cps
Zirconium	90-1	933	1017	1000	983	4.48	cps
Zirconium	91-1	183	208	192	194	6.55	cps

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : CCV34 Instrumnet Name : P8
 Client Sample ID : CCV34 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 18:17:16 DataFile Name : 064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	899644	904099	898344	900696	0.34	cps
Antimony	121-1	1458397	1476543	1484301	1473080	0.90	cps
Arsenic	75-2	49402	49406	49112	49306	0.34	cps
Barium	135-1	1474386	1509414	1501491	1495097	1.23	cps
Barium	137-1	2537025	2630407	2533842	2567091	2.14	cps
Beryllium	9-1	296805	302712	297882	299133	1.05	cps
Bismuth	209-1	2016139	2087675	2136453	2080089	2.91	cps
Bismuth	209-2	1148502	1174695	1170248	1164482	1.20	cps
Boron	11-1	106024	120628	127297	117983	9.22	cps
Boron	10-1	21441	23374	25289	23368	8.23	cps
Bromine	81-1	3454	3324	3214	3330	3.61	cps
Cadmium	106-1	35864	36039	35772	35892	0.38	cps
Cadmium	108-1	23036	23545	23917	23499	1.88	cps
Cadmium	111-1	319534	329640	326202	325125	1.58	cps
Calcium	43-1	1862739	1906268	1863850	1877619	1.32	cps
Calcium	44-1	30404568	31012155	30559074	30658599	1.03	cps
Chromium	52-2	417492	417857	417362	417570	0.06	cps
Cobalt	59-2	706352	711957	706983	708431	0.43	cps
Copper	63-2	5485475	5393945	5452121	5443847	0.85	cps
Dysprosium	156-1	117	133	83	111	22.91	cps
Dysprosium	156-2	37	60	80	59	36.83	cps
Erbium	164-1	33	17	50	33	50.00	cps
Erbium	164-2	17	10	13	13	25.01	cps
Gadolinium	160-1	142	117	108	122	14.19	cps
Gadolinium	160-2	67	53	50	57	15.57	cps
Holmium	165-1	3699098	3700050	3942468	3780539	3.71	cps
Holmium	165-2	1797613	1788012	1791780	1792468	0.27	cps
Indium	115-1	3483362	3617026	3761796	3620728	3.85	cps
Indium	115-2	562626	581847	569189	571221	1.71	cps
Iron	54-2	4318921	4304539	4365923	4329794	0.74	cps
Iron	56-2	78666549	79456891	79375438	79166293	0.55	cps
Iron	57-2	2004415	2002150	1998789	2001784	0.14	cps
Krypton	83-1	453	353	400	402	12.44	cps
Lead	207-1	3286614	3387685	3324957	3333086	1.53	cps
Lead	208-1	2908063	2981689	2831510	2907087	2.58	cps
Lead	206-1	3692928	3780973	3711541	3728481	1.24	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 18:17:16	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1090943	1122108	1161822	1124958	3.16	cps
Magnesium	24-2	13808517	14181518	14188646	14059560	1.55	cps
Manganese	55-2	2017108	1976231	2057582	2016974	2.02	cps
Molybdenum	94-1	2825238	2817482	2814661	2819127	0.19	cps
Molybdenum	95-1	3486564	3437595	3515471	3479876	1.13	cps
Molybdenum	96-1	3794728	3805911	3777072	3792570	0.38	cps
Molybdenum	97-1	2121928	2150555	2122126	2131536	0.77	cps
Molybdenum	98-1	5376476	5433340	5372788	5394201	0.63	cps
Neodymium	150-1	60	87	73	73	18.18	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	193707	191909	194679	193432	0.73	cps
Phosphorus	31-2	14090	13365	12714	13390	5.14	cps
Potassium	39-2	5706654	5746022	5669491	5707389	0.67	cps
Rhodium	103-1	3381659	3464044	3607532	3484412	3.28	cps
Rhodium	103-2	1595118	1636171	1575041	1602110	1.94	cps
Scandium	45-1	2447778	2478849	2569607	2498745	2.53	cps
Scandium	45-2	94334	95958	95585	95292	0.89	cps
Selenium	77-2	753	680	723	719	5.13	cps
Selenium	78-2	2447	2508	2401	2452	2.19	cps
Selenium	82-1	22705	23221	23105	23010	1.18	cps
Silicon	28-1	1774430	1924585	1999839	1899618	6.04	cps
Silver	109-1	1522667	1539599	1536861	1533042	0.59	cps
Silver	107-1	1610373	1650376	1635534	1632094	1.24	cps
Sodium	23-2	27068278	27537569	27614583	27406810	1.08	cps
Strontium	86-1	455175	458325	457757	457086	0.37	cps
Strontium	88-1	3883571	3956529	3890371	3910157	1.03	cps
Sulfur	34-1	646746	656905	654202	652618	0.81	cps
Terbium	159-1	3869704	4093471	4027970	3997048	2.88	cps
Terbium	159-2	1740090	1759044	1765981	1755039	0.76	cps
Thallium	203-1	849522	854953	875795	860090	1.61	cps
Thallium	205-1	2057984	2085768	2081595	2075116	0.72	cps
Tin	118-1	1020177	1030672	1024787	1025212	0.51	cps
Titanium	47-1	971724	1007238	986171	988378	1.81	cps
Uranium	238-1	2410793	2485362	2436500	2444218	1.55	cps
Vanadium	51-2	347963	350934	349740	349546	0.43	cps
Yttrium	89-1	5540147	5669160	5857230	5688845	2.80	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 18:17:16	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	632570	645721	627494	635261	1.48	cps
Zinc	66-2	740616	740285	743503	741468	0.24	cps
Zirconium	90-1	2388674	2404684	2385170	2392843	0.43	cps
Zirconium	91-1	524910	537837	532340	531696	1.22	cps

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : CCB34 Instrumnet Name : P8
 Client Sample ID : CCB34 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 18:22:43 DataFile Name : 065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	409	414	385	402	3.82	cps
Antimony	121-1	267	158	275	233	27.89	cps
Arsenic	75-2	11	4	7	7	48.86	cps
Barium	135-1	92	33	33	53	63.82	cps
Barium	137-1	58	92	17	56	67.63	cps
Beryllium	9-1	180	165	155	167	7.61	cps
Bismuth	209-1	2044536	2085278	2088526	2072780	1.18	cps
Bismuth	209-2	1108752	1141046	1133804	1127867	1.50	cps
Boron	11-1	5656	5476	5264	5465	3.59	cps
Boron	10-1	1248	1084	1132	1154	7.30	cps
Bromine	81-1	3184	3003	3033	3074	3.14	cps
Cadmium	106-1	1150	1175	1167	1164	1.09	cps
Cadmium	108-1	8	17	0	8	100.02	cps
Cadmium	111-1	812	815	829	819	1.13	cps
Calcium	43-1	270	279	257	269	3.97	cps
Calcium	44-1	16720	16492	16210	16474	1.55	cps
Chromium	52-2	510	590	583	561	7.91	cps
Cobalt	59-2	40	50	87	59	41.73	cps
Copper	63-2	1122	1122	1181	1142	2.97	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	10	3	17	10	66.70	cps
Erbium	164-1	75	75	42	64	30.12	cps
Erbium	164-2	17	23	17	19	20.36	cps
Gadolinium	160-1	25	25	17	22	21.64	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	3645460	3721834	3636465	3667920	1.28	cps
Holmium	165-2	1626183	1670305	1681404	1659298	1.76	cps
Indium	115-1	3513600	3643638	3599857	3585698	1.85	cps
Indium	115-2	538903	555078	549922	547968	1.51	cps
Iron	54-2	439	417	428	428	2.60	cps
Iron	56-2	3206	3423	3467	3365	4.15	cps
Iron	57-2	78	106	94	93	15.10	cps
Krypton	83-1	457	383	357	399	12.98	cps
Lead	207-1	383	339	417	380	10.28	cps
Lead	208-1	340	557	429	442	24.65	cps
Lead	206-1	428	450	411	430	4.54	cps

LB Number : LB112214 Operator : Jaswal
 Lab Sample ID : CCB34 Instrumnet Name : P8
 Client Sample ID : CCB34 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-03 18:22:43 DataFile Name : 065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1110315	1116050	1086518	1104294	1.42	cps
Magnesium	24-2	708	717	758	728	3.68	cps
Manganese	55-2	160	163	143	156	6.89	cps
Molybdenum	94-1	242	117	108	156	48.02	cps
Molybdenum	95-1	83	92	25	67	54.49	cps
Molybdenum	96-1	133	92	125	117	18.90	cps
Molybdenum	97-1	75	42	67	61	28.38	cps
Molybdenum	98-1	158	233	117	169	34.89	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	247	233	207	229	8.90	cps
Phosphorus	31-2	133	58	192	128	52.31	cps
Potassium	39-2	26241	26634	25164	26013	2.92	cps
Rhodium	103-1	3404489	3507042	3519805	3477112	1.82	cps
Rhodium	103-2	1548898	1580411	1578808	1569372	1.13	cps
Scandium	45-1	2392125	2457285	2390794	2413401	1.57	cps
Scandium	45-2	87739	90791	89715	89415	1.73	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	42	53	68	54	24.03	cps
Selenium	82-1	-54	18	51	5	1115.24	cps
Silicon	28-1	861948	880750	869195	870631	1.09	cps
Silver	109-1	50	142	158	117	50.00	cps
Silver	107-1	75	108	183	122	45.40	cps
Sodium	23-2	37173	37382	38268	37607	1.55	cps
Strontium	86-1	592	542	683	606	11.87	cps
Strontium	88-1	242	192	150	194	23.60	cps
Sulfur	34-1	523526	525831	520550	523302	0.51	cps
Terbium	159-1	3865066	3873138	3876856	3871687	0.16	cps
Terbium	159-2	1585693	1671566	1656815	1638025	2.80	cps
Thallium	203-1	358	283	267	303	16.13	cps
Thallium	205-1	925	692	717	778	16.47	cps
Tin	118-1	217	167	242	208	18.33	cps
Titanium	47-1	358	300	325	328	8.93	cps
Uranium	238-1	42	8	50	33	66.15	cps
Vanadium	51-2	17	17	10	14	26.66	cps
Yttrium	89-1	5423961	5444327	5472506	5446931	0.45	cps

LB Number :	LB112214	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2020-12-03 18:22:43	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	571900	604237	600805	592314	3.00	cps
Zinc	66-2	60	43	83	62	32.29	cps
Zirconium	90-1	208	383	275	289	30.57	cps
Zirconium	91-1	50	67	58	58	14.29	cps