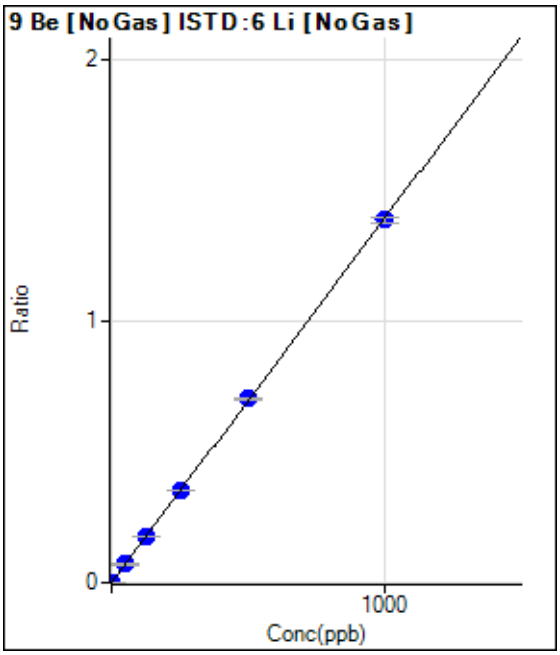
Batch Folder: D:\P8052919 MS.b\
Analysis File: P8052919 MS.batch.bin
DA Date-Time: 2019-05-29 14:24:10
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

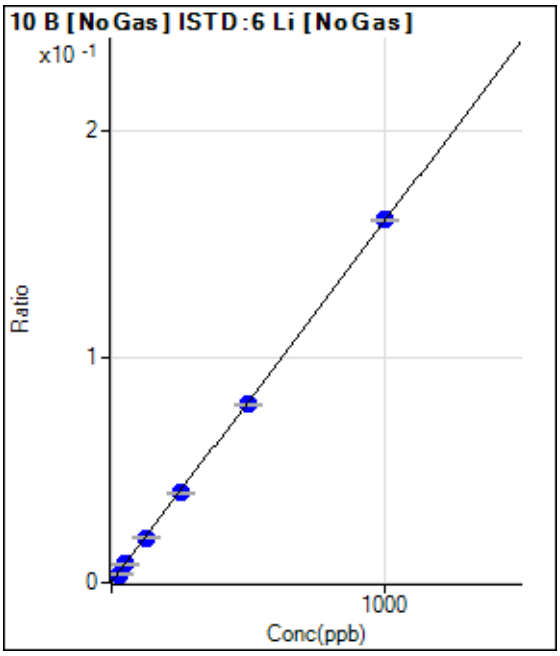
Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2019-05-29 13:13:52
2			
3	007CALS.d	S02	2019-05-29 13:21:42
4	008CALS.d	S03	2019-05-29 13:25:42
5	009CALS.d	S04	2019-05-29 13:29:41
6	010CALS.d	S05	2019-05-29 13:33:40
7	011CALS.d	S06	2019-05-29 13:37:33
8	012CALS.d	S07	2019-05-29 13:41:22
9	013CALS.d	S08	2019-05-29 13:45:08



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0001	P	33.8
2	☐	0.100					
3	☐	1.000	0.838	611.14	0.0012	P	8.9
4	☐	50.000	50.218	33340.62	0.0700	P	1.1
5	☐	125.000	125.432	83588.93	0.1747	P	0.6
6	☐	250.000	252.033	166668.45	0.3509	P	0.6
7	☐	500.000	506.433	328418.31	0.7051	P	0.9
8	☐	1000.000	996.211	654297.38	1.3870	P	1.5
9	☐			138.89	0.0003	P	35.1

y = 0.0014 * x + 6.8119E-005
R = 1.0000
DL = 0.04967

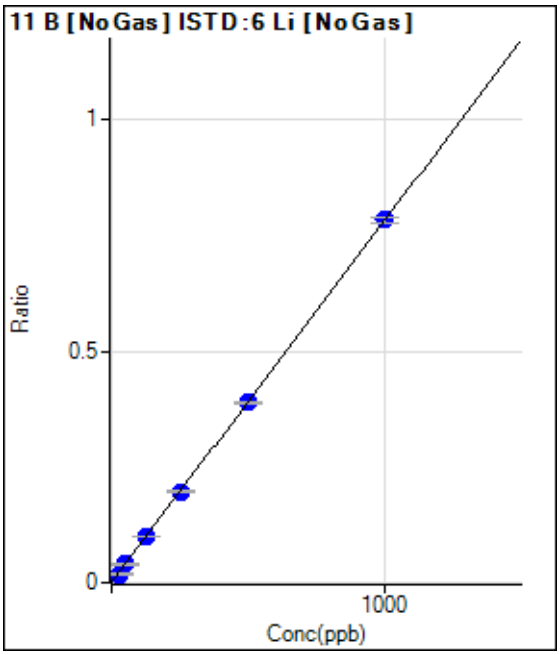
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0002	P	17.2
2	☐	2.500					
3	☐	25.000	22.417	1872.39	0.0038	P	4.6
4	☐	50.000	49.794	3886.74	0.0082	P	1.9
5	☐	125.000	123.790	9558.99	0.0200	P	2.8
6	☐	250.000	248.249	18932.30	0.0399	P	1.7
7	☐	500.000	493.152	36786.56	0.0790	P	1.1
8	☐	1000.000	1004.088	75769.01	0.1606	P	0.7
9	☐			1464.01	0.0031	P	2.9

y = 1.5974E-004 * x + 2.0422E-004
R = 1.0000
DL = 0.6609

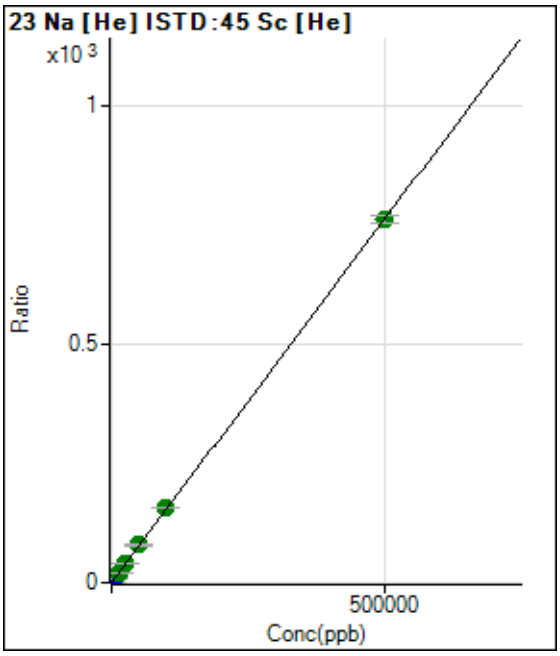
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	572.25	0.0012	P	16.1
2	☐	2.500					
3	☐	25.000	22.179	9139.26	0.0185	P	2.9
4	☐	50.000	49.244	18862.70	0.0396	P	0.9
5	☐	125.000	124.790	47144.62	0.0985	P	1.1
6	☐	250.000	249.986	93190.37	0.1962	P	1.7
7	☐	500.000	496.360	180925.81	0.3884	P	1.2
8	☐	1000.000	1001.958	369355.73	0.7829	P	1.7
9	☐			7177.00	0.0150	P	2.5

y = 7.8020E-004 * x + 0.0012
R = 1.0000
DL = 0.7237

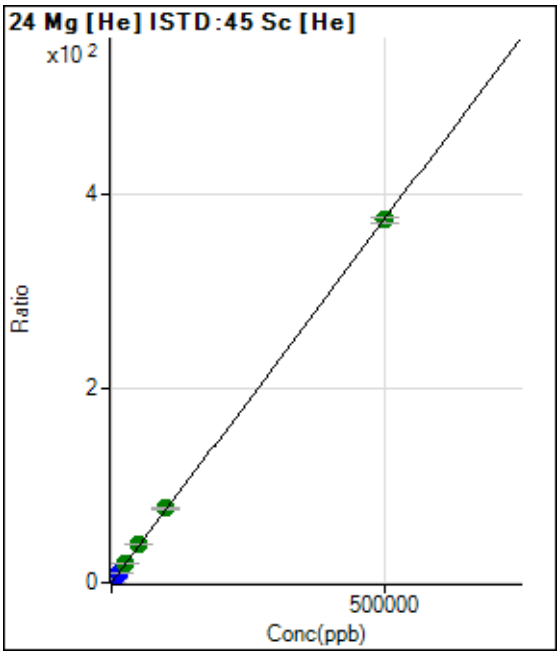
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14529.92	0.1650	P	3.5
2	☐	50.000					
3	☐	500.000	505.440	83429.52	0.9355	P	1.6
4	☐	5000.000	5291.137	757332.83	8.2309	P	0.8
5	☐	12500.000	13334.591	1863286.54	20.4926	A	1.9
6	☐	25000.000	26530.511	3649101.56	40.6088	A	1.3
7	☐	50000.000	51669.813	7119569.00	78.9319	A	1.4
8	☐	100000.00	102699.69	14227586.26	156.7233	A	1.2
9	☐	500000.00	499192.77	67086884.14	761.1486	A	2.2

y = 0.0015 * x + 0.1650
R = 1.0000
DL = 11.26

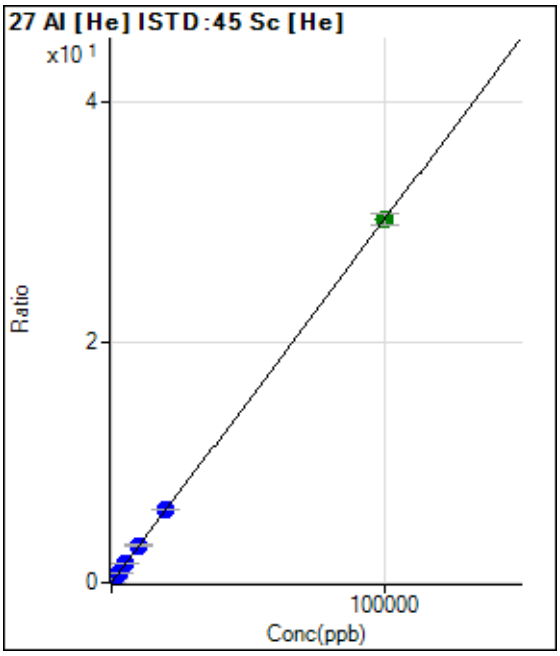
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0008	P	54.1
2	☐	50.000					
3	☐	500.000	529.759	35491.90	0.3979	P	1.6
4	☐	5000.000	5370.009	370427.89	4.0260	P	1.4
5	☐	12500.000	13660.068	931090.84	10.2401	P	1.1
6	☐	25000.000	27179.775	1830693.84	20.3741	A	1.2
7	☐	50000.000	53099.786	3590039.19	39.8032	A	2.3
8	☐	100000.00	102084.25	6946621.16	76.5209	A	1.0
9	☐	500000.00	499131.45	32975350.39	374.1387	A	1.8

y = 7.4958E-004 * x + 7.8693E-004
R = 1.0000
DL = 1.703

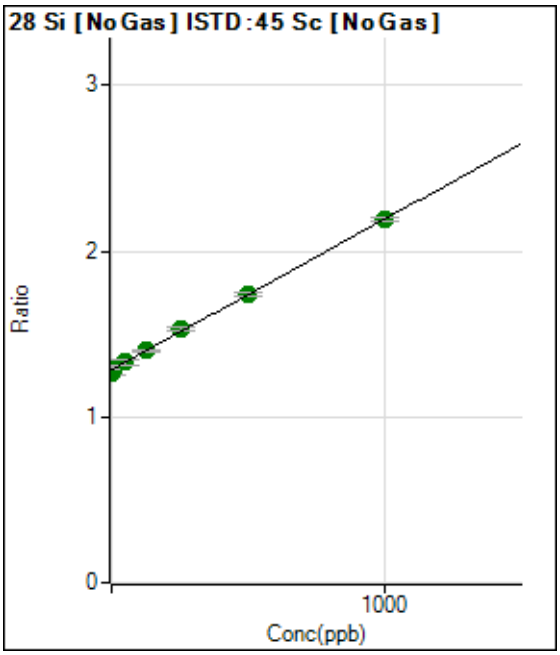
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0007	P	42.7
2	☐	2.000					
3	☐	20.000	18.659	561.14	0.0063	P	10.3
4	☐	1000.000	1044.801	29074.83	0.3160	P	1.9
5	☐	2500.000	2603.001	71490.83	0.7863	P	2.9
6	☐	5000.000	5214.172	141468.71	1.5744	P	1.2
7	☐	10000.000	10282.993	280012.02	3.1043	P	1.2
8	☐	20000.000	20268.571	555436.12	6.1183	P	0.7
9	☐	100000.00	99904.255	2657655.46	30.1545	A	3.1

y = 3.0183E-004 * x + 6.6114E-004
R = 1.0000
DL = 2.803

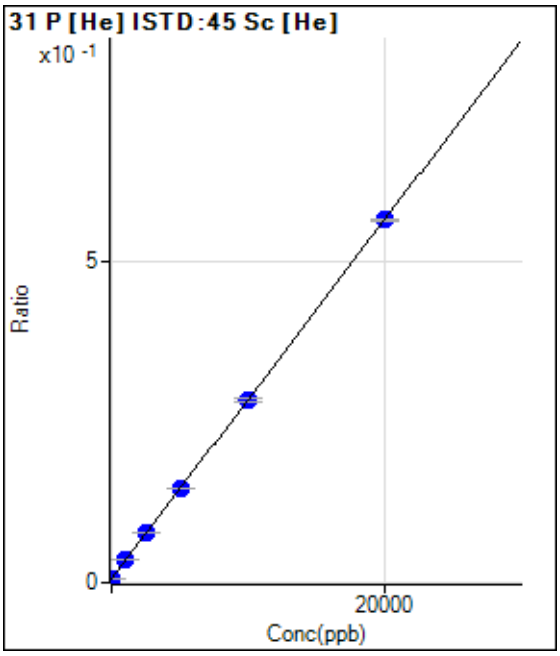
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-16.536	2004656.53	1.2691	A	2.0
2	☐	1.000					
3	☐	10.000	9.248	2055789.89	1.2926	A	1.4
4	☐	50.000	48.747	2133404.82	1.3285	A	1.9
5	☐	125.000	124.980	2230538.64	1.3978	A	0.7
6	☐	250.000	274.596	2417971.47	1.5338	A	1.4
7	☐	500.000	500.083	2720868.23	1.7389	A	1.1
8	☐	1000.000	993.882	3418887.80	2.1878	A	1.1
9	☐			1998774.24	1.2788	A	1.6

y = 9.092416E-004 * x + 1.284156
R = 0.9994
DL = 82.68

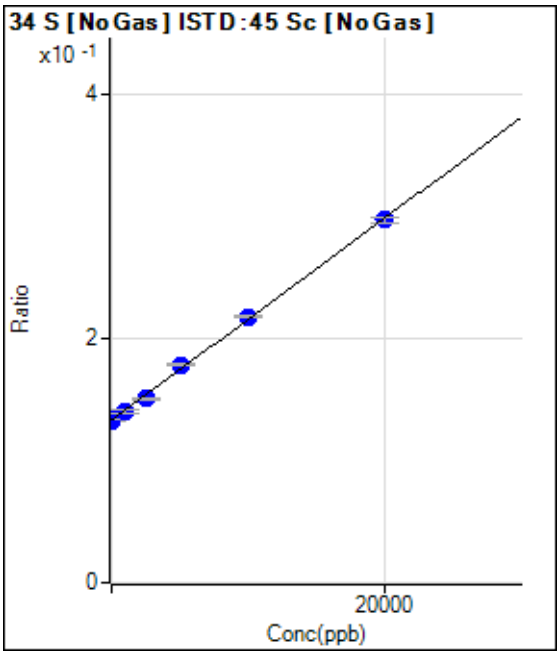
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-17.167	466.69	0.0053	P	8.7
2	☐	0.000					
3	☐	0.000	17.167	558.36	0.0063	P	14.3
4	☐	1000.000	1056.316	3242.15	0.0352	P	4.8
5	☐	2500.000	2546.876	6985.23	0.0768	P	1.4
6	☐	5000.000	5022.368	13109.12	0.1459	P	0.5
7	☐	10000.000	9974.706	25623.67	0.2840	P	1.7
8	☐	20000.000	19998.380	51173.10	0.5637	P	0.3
9	☐			566.69	0.0064	P	11.7

y = 2.7898E-005 * x + 0.0058
R = 1.0000
DL = 72.65

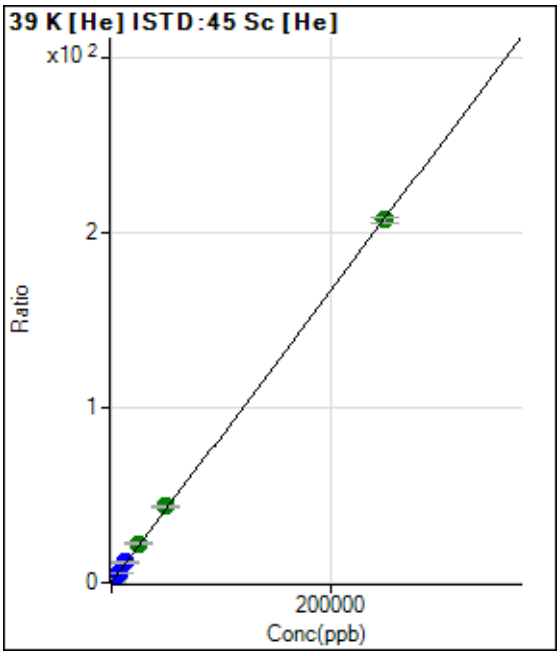
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-48.916	210082.89	0.1330	P	0.5
2	☐	0.000					
3	☐	0.000	107.752	213578.92	0.1343	P	0.5
4	☐	1000.000	791.313	224742.15	0.1399	P	1.9
5	☐	2500.000	2144.822	241183.21	0.1512	P	1.2
6	☐	5000.000	5436.614	281264.32	0.1784	P	0.8
7	☐	10000.000	10245.475	341469.90	0.2182	P	0.5
8	☐	20000.000	19822.941	464968.13	0.2976	P	1.6
9	☐			209830.30	0.1343	P	1.8

y = 8.281513E-006 * x + 0.133392
R = 0.9993
DL = 251.8

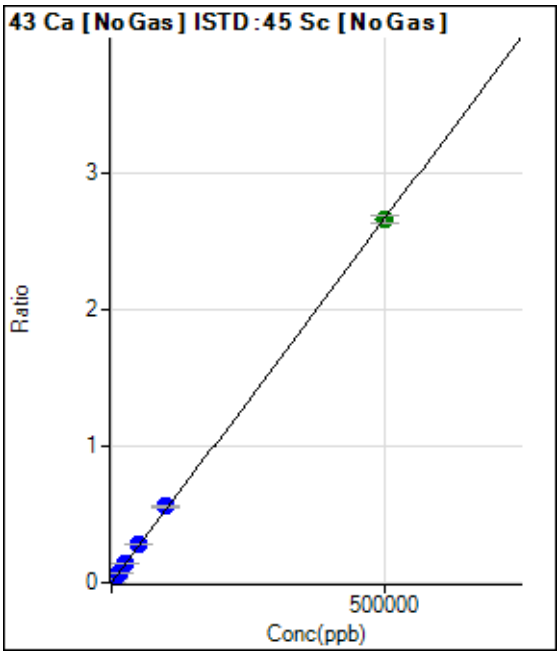
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22064.90	0.2504	P	2.2
2	☐	50.000					
3	☐	500.000	525.802	61247.43	0.6868	P	1.1
4	☐	2500.000	2703.430	229450.79	2.4937	P	0.8
5	☐	6250.000	6829.945	538100.96	5.9179	P	1.1
6	☐	12500.000	13624.132	1038333.08	11.5557	P	0.8
7	☐	25000.000	26811.325	2029525.02	22.4984	A	0.2
8	☐	50000.000	52169.205	3952776.96	43.5403	A	1.3
9	☐	250000.00	249312.23	18254986.17	207.1290	A	1.8

y = 8.2980E-004 * x + 0.2504
R = 0.9999
DL = 19.93

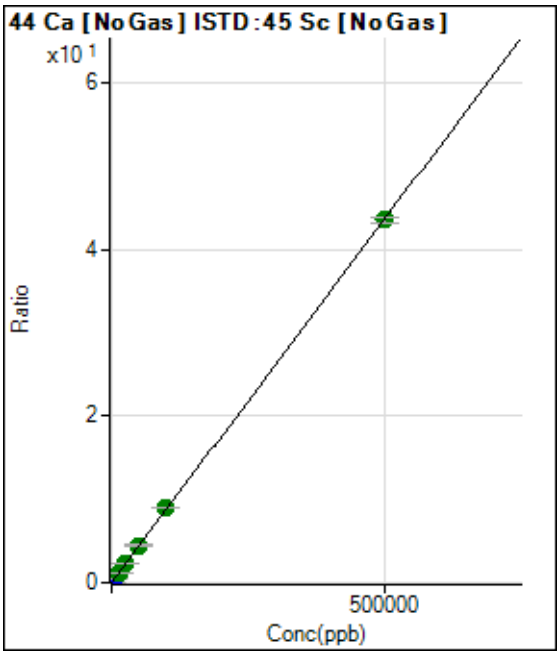
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	661.15	0.0004	P	13.4
2	☐	50.000					
3	☐	500.000	496.215	4862.09	0.0031	P	5.8
4	☐	5000.000	5145.024	44593.53	0.0278	P	1.9
5	☐	12500.000	13129.866	112025.23	0.0702	P	2.0
6	☐	25000.000	26277.706	220852.90	0.1401	P	0.4
7	☐	50000.000	51902.202	432308.17	0.2763	P	0.9
8	☐	100000.00	104965.77	872502.31	0.5583	P	1.3
9	☐	500000.00	498735.54	4143903.61	2.6514	A	2.1

y = 5.3153E-006 * x + 4.1884E-004
R = 0.9999
DL = 31.77

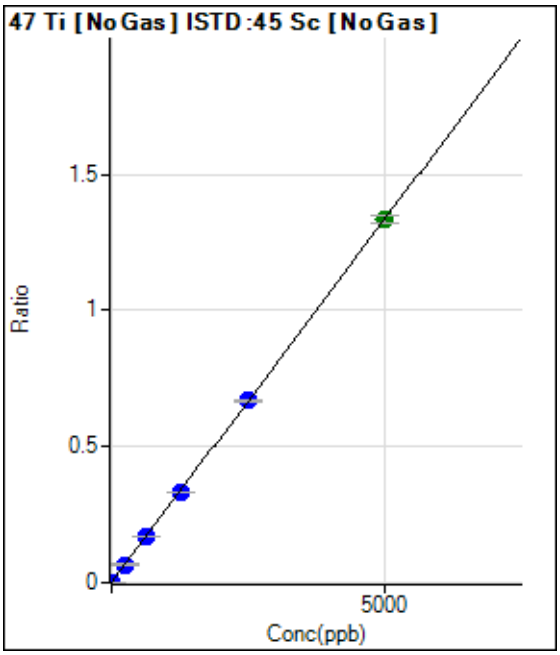
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14772.07	0.0094	P	1.9
2	☐	50.000					
3	☐	500.000	505.444	84958.94	0.0534	P	1.8
4	☐	5000.000	5265.723	752379.80	0.4684	P	0.5
5	☐	12500.000	13084.386	1835130.77	1.1501	A	1.3
6	☐	25000.000	26423.289	3646675.25	2.3131	A	0.6
7	☐	50000.000	51155.382	6993380.19	4.4694	A	1.6
8	☐	100000.00	103498.87	14115259.34	9.0330	A	1.7
9	☐	500000.00	499096.25	68032451.52	43.5235	A	1.3

y = 8.7186E-005 * x + 0.0094
R = 1.0000
DL = 6.161

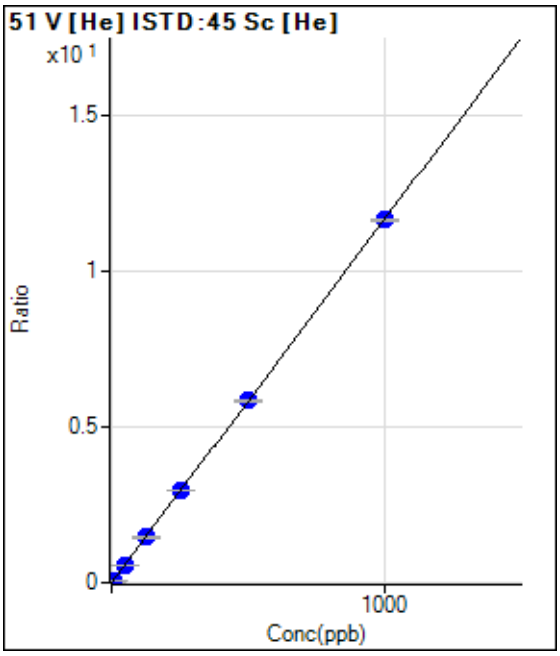
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1572.35	0.0010	P	5.1
2	☐	1.000					
3	☐	10.000	4.684	3570.00	0.0022	P	6.8
4	☐	250.000	247.031	107393.41	0.0669	P	1.9
5	☐	625.000	629.060	269260.97	0.1687	P	0.4
6	☐	1250.000	1251.564	527723.02	0.3347	P	0.2
7	☐	2500.000	2508.720	1048272.38	0.6700	P	1.2
8	☐	5000.000	4994.901	2082949.70	1.3330	A	2.0
9	☐			1880.74	0.0012	P	14.2

y = 2.6667E-004 * x + 9.9495E-004
R = 1.0000
DL = 0.5711

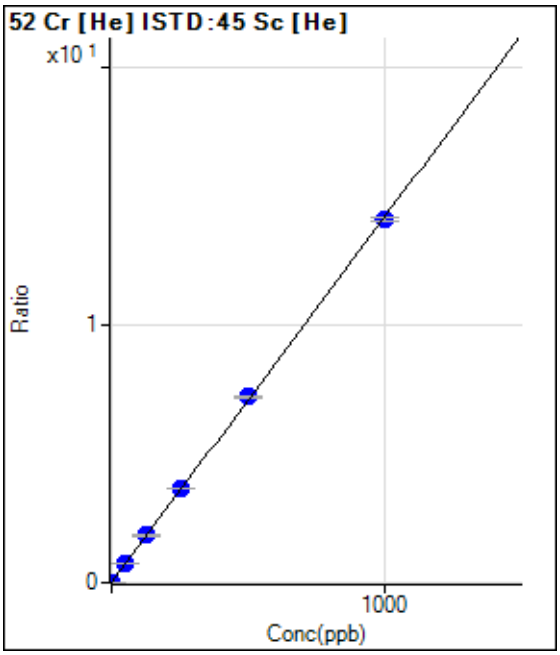
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0003	P	7.1
2	☐	0.500					
3	☐	5.000	4.974	5207.68	0.0584	P	2.5
4	☐	50.000	49.623	53345.53	0.5798	P	0.2
5	☐	125.000	124.933	132675.66	1.4591	P	1.0
6	☐	250.000	254.404	266961.36	2.9710	P	0.4
7	☐	500.000	500.594	527288.63	5.8457	P	1.4
8	☐	1000.000	998.630	1058633.53	11.6613	P	0.6
9	☐			203.34	0.0023	P	18.1

y = 0.0117 * x + 3.1537E-004
R = 1.0000
DL = 0.00577

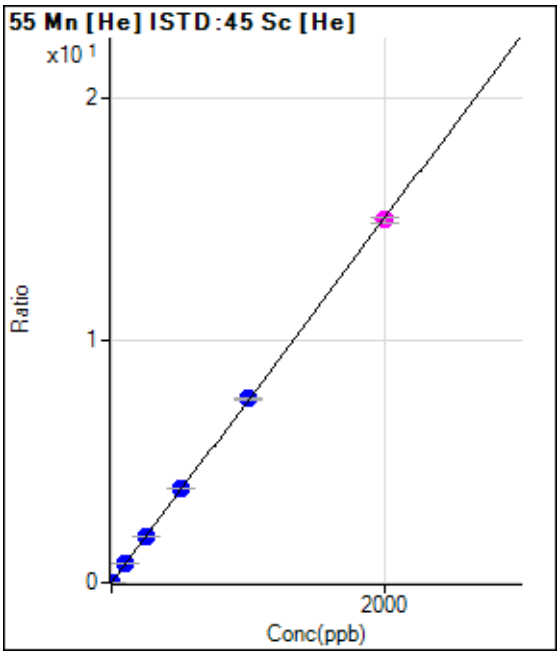
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	781.14	0.0089	P	13.6
2	☐	0.200					
3	☐	2.000	1.935	3231.51	0.0362	P	3.7
4	☐	50.000	50.848	67033.86	0.7285	P	0.2
5	☐	125.000	128.413	166059.50	1.8263	P	1.3
6	☐	250.000	258.169	329129.82	3.6628	P	0.4
7	☐	500.000	509.199	650880.63	7.2158	P	1.2
8	☐	1000.000	992.889	1276538.52	14.0617	P	0.9
9	☐			9753.47	0.1107	P	3.3

y = 0.0142 * x + 0.0089
R = 0.9999
DL = 0.256

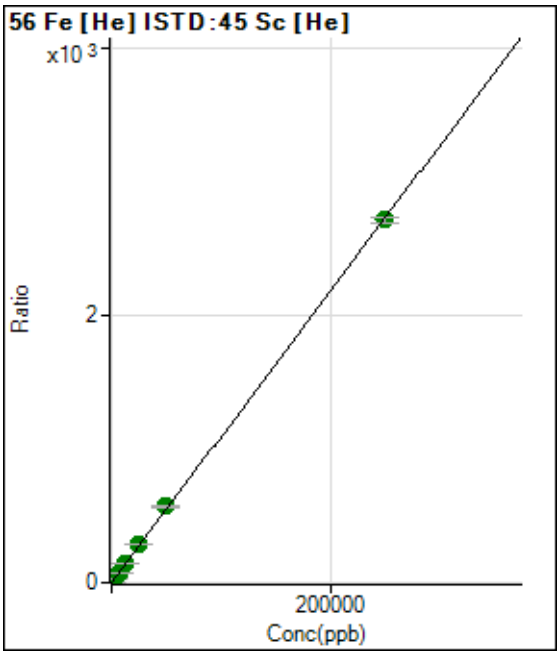
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53.33	0.0006	P	5.8
2	☐	0.100					
3	☐	1.000	1.037	748.92	0.0084	P	5.7
4	☐	100.000	101.346	70152.52	0.7625	P	1.4
5	☐	250.000	256.323	175255.73	1.9275	P	1.6
6	☐	500.000	514.923	347869.23	3.8714	P	0.8
7	☐	1000.000	1009.465	684546.09	7.5891	P	1.0
8	☐	2000.000	1990.679	1358559.75	14.9652	M	1.3
9	☐			4928.69	0.0559	P	2.3

y = 0.0075 * x + 6.0529E-004
R = 1.0000
DL = 0.01409

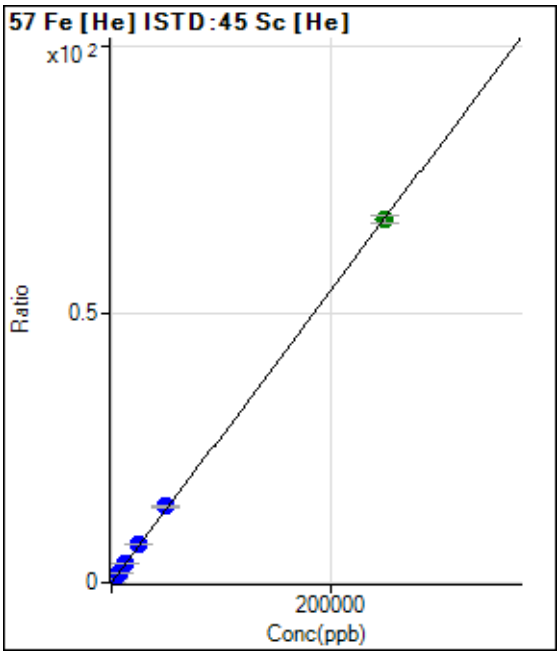
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2189.10	0.0249	P	9.9
2	☐	5.000					
3	☐	50.000	54.596	55342.50	0.6205	P	0.5
4	☐	2500.000	2722.076	2734691.38	29.7214	A	0.7
5	☐	6250.000	6725.830	6674191.99	73.4004	A	0.7
6	☐	12500.000	13530.962	13266026.22	147.6412	A	1.1
7	☐	25000.000	26525.936	26105254.06	289.4101	A	1.0
8	☐	50000.000	52523.676	52023276.63	573.0329	A	1.9
9	☐	250000.00	249277.00	239680190.5	2,719.517	A	1.7

y = 0.0109 * x + 0.0249
R = 0.9999
DL = 0.68

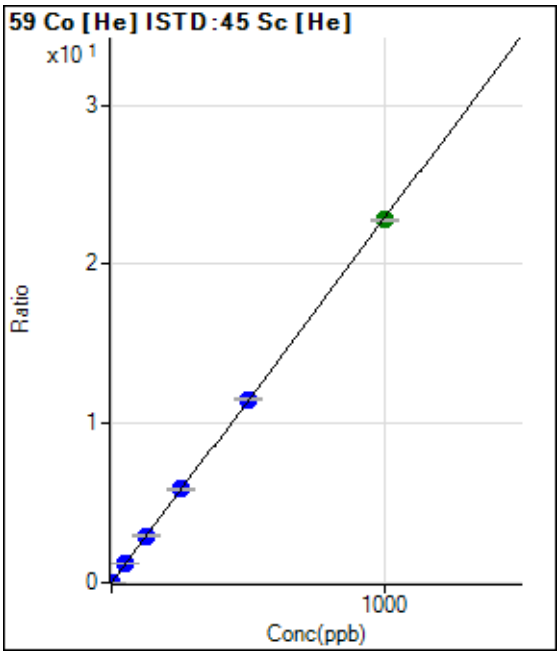
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	64.82	0.0007	P	26.6
2	☐	5.000					
3	☐	50.000	54.681	1387.13	0.0155	P	5.6
4	☐	2500.000	2697.803	67313.51	0.7316	P	0.6
5	☐	6250.000	6717.218	165521.09	1.8204	P	1.8
6	☐	12500.000	13510.514	328932.63	3.6607	P	0.7
7	☐	25000.000	26581.103	649597.35	7.2015	P	0.7
8	☐	50000.000	52494.149	1291063.43	14.2213	P	1.5
9	☐	250000.00	249278.87	5951425.83	67.5299	A	2.0

y = 2.7090E-004 * x + 7.3645E-004
R = 0.9999
DL = 2.168

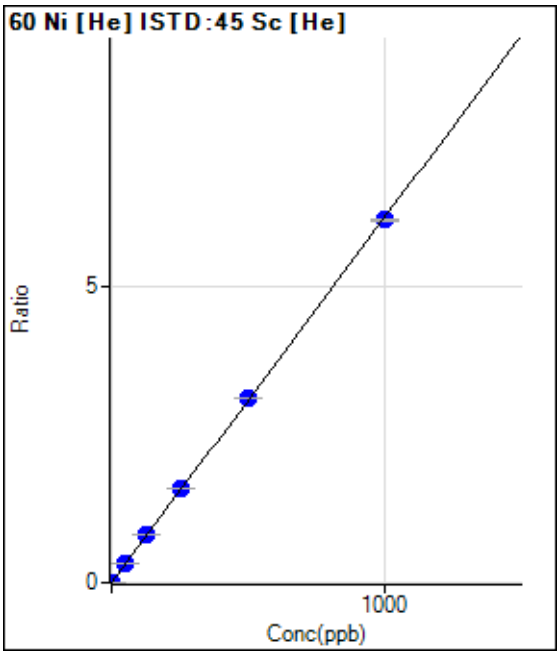
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.44	0.0011	P	27.7
2	☐	0.100					
3	☐	1.000	1.007	2150.19	0.0241	P	2.2
4	☐	50.000	51.151	107791.33	1.1715	P	1.5
5	☐	125.000	128.724	267920.91	2.9466	P	1.3
6	☐	250.000	256.988	528481.11	5.8816	P	1.0
7	☐	500.000	503.973	1040296.12	11.5332	P	1.2
8	☐	1000.000	995.743	2068549.80	22.7861	A	0.8
9	☐			22981.24	0.2607	P	1.7

y = 0.0229 * x + 0.0011
R = 1.0000
DL = 0.03907

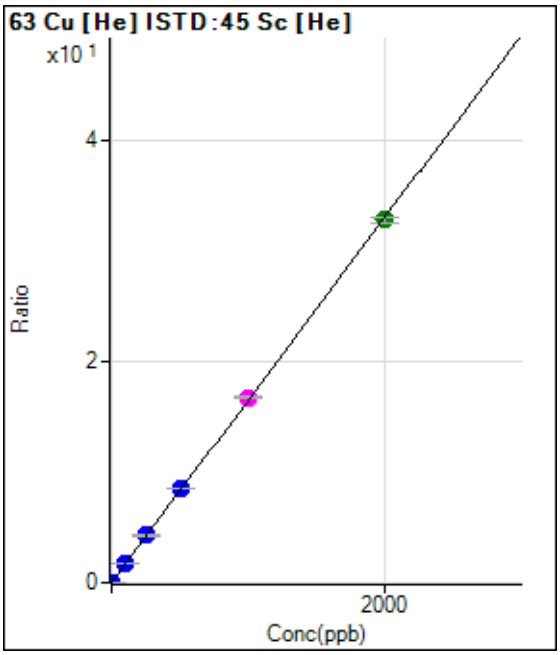
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	98.89	0.0011	P	11.6
2	☐	0.100					
3	☐	1.000	1.042	672.25	0.0075	P	6.1
4	☐	50.000	51.592	29316.43	0.3186	P	0.5
5	☐	125.000	130.171	72942.75	0.8022	P	0.4
6	☐	250.000	258.793	143200.63	1.5937	P	1.2
7	☐	500.000	506.090	281038.77	3.1155	P	0.2
8	☐	1000.000	994.031	555432.84	6.1182	P	0.3
9	☐			6678.34	0.0758	P	2.0

y = 0.0062 * x + 0.0011
R = 0.9999
DL = 0.06345

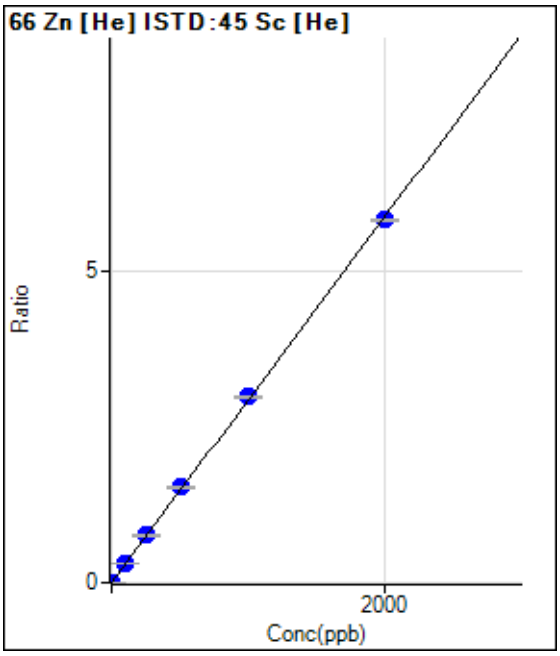
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1005.60	0.0114	P	9.9
2	☐	0.200					
3	☐	2.000	1.966	3909.47	0.0438	P	3.5
4	☐	100.000	102.790	157004.66	1.7064	P	0.7
5	☐	250.000	258.130	388060.32	4.2678	P	0.8
6	☐	500.000	515.364	764616.46	8.5094	P	0.7
7	☐	1000.000	1013.042	1507804.96	16.7158	M	0.8
8	☐	2000.000	1988.482	2977623.98	32.8002	A	1.3
9	☐			4644.15	0.0527	P	2.1

y = 0.0165 * x + 0.0114
R = 0.9999
DL = 0.2062

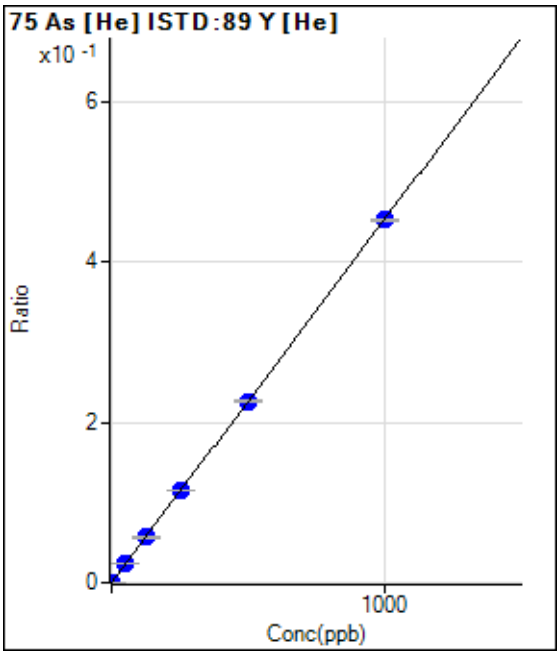
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0007	P	32.2
2	☐	0.200					
3	☐	2.000	1.889	554.46	0.0062	P	9.3
4	☐	100.000	103.552	27932.58	0.3036	P	1.9
5	☐	250.000	258.099	68707.02	0.7557	P	1.6
6	☐	500.000	521.580	137151.81	1.5264	P	0.5
7	☐	1000.000	1015.745	268061.09	2.9718	P	1.2
8	☐	2000.000	1985.542	527308.61	5.8086	P	0.8
9	☐			4756.42	0.0539	P	3.2

y = 0.0029 * x + 6.9418E-004
R = 0.9999
DL = 0.2292

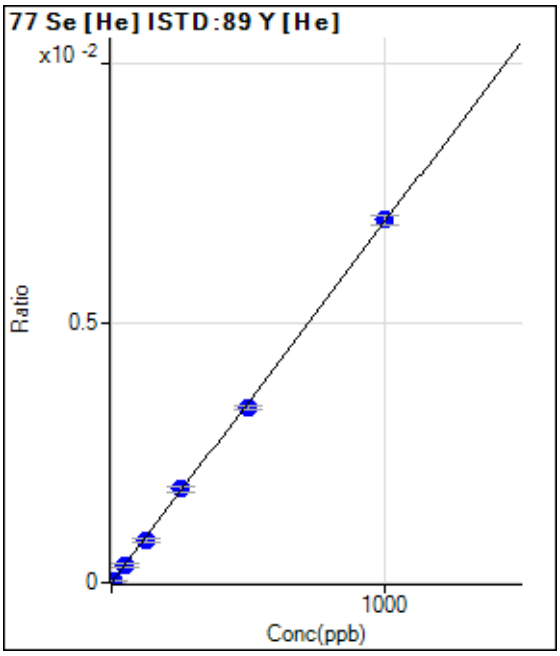
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	45.7
2	☐	0.100					
3	☐	1.000	0.901	210.36	0.0004	P	7.6
4	☐	50.000	50.962	11845.25	0.0231	P	0.2
5	☐	125.000	124.648	29158.48	0.0565	P	0.8
6	☐	250.000	253.576	58317.35	0.1149	P	0.8
7	☐	500.000	499.915	115507.14	0.2265	P	0.3
8	☐	1000.000	999.144	230415.85	0.4528	P	0.7
9	☐			312.04	0.0006	P	7.4

y = 4.5316E-004 * x + 6.5912E-006
R = 1.0000
DL = 0.01996

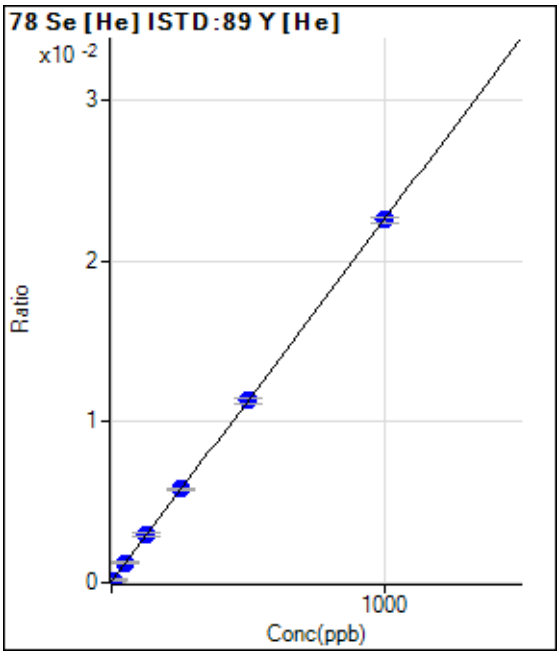
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	5.369	20.00	0.0000	P	29.7
4	☐	50.000	47.712	171.11	0.0003	P	14.4
5	☐	125.000	116.207	417.79	0.0008	P	8.4
6	☐	250.000	259.380	915.60	0.0018	P	6.8
7	☐	500.000	484.430	1716.79	0.0034	P	1.6
8	☐	1000.000	1006.651	3559.39	0.0070	P	2.7
9	☐			3.33	0.0000	P	99.7

y = 6.9462E-006 * x + 2.1933E-006
R = 0.9997
DL = 1.641

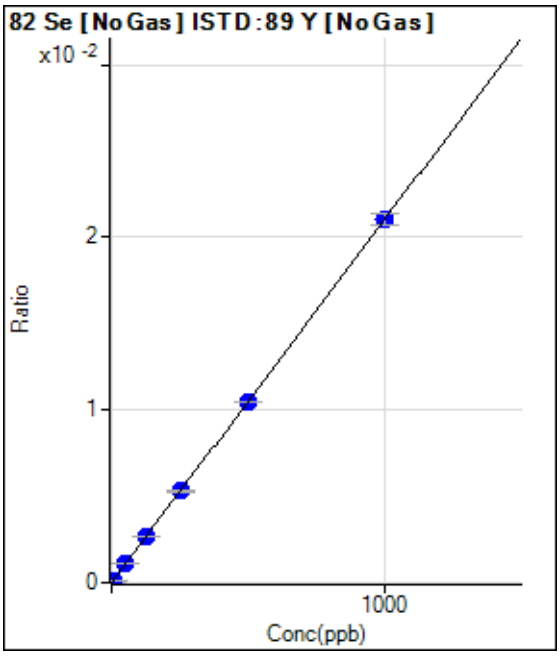
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	32.00	0.0001	P	15.6
2	☐	0.500					
3	☐	5.000	5.087	90.34	0.0002	P	4.0
4	☐	50.000	52.574	640.75	0.0012	P	2.7
5	☐	125.000	129.725	1543.25	0.0030	P	4.2
6	☐	250.000	256.444	2968.62	0.0058	P	1.6
7	☐	500.000	498.985	5773.13	0.0113	P	2.6
8	☐	1000.000	998.177	11493.93	0.0226	P	1.9
9	☐			36.34	0.0001	P	32.6

y = 2.2565E-005 * x + 6.3284E-005
R = 1.0000
DL = 1.312

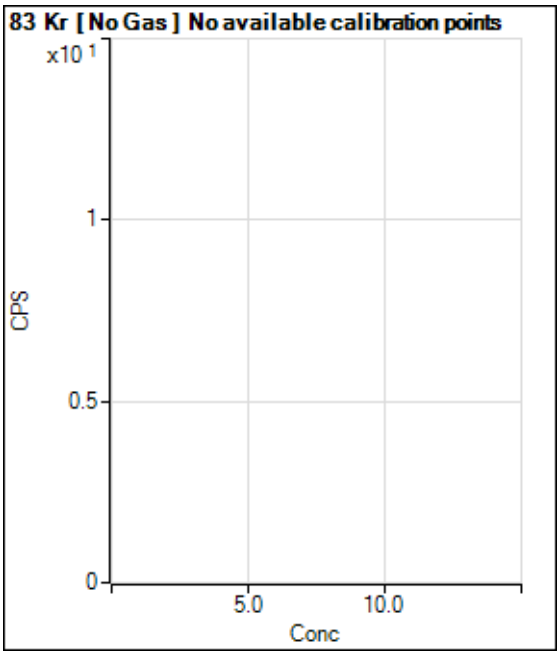
Weight: <None>
Min Conc: 0



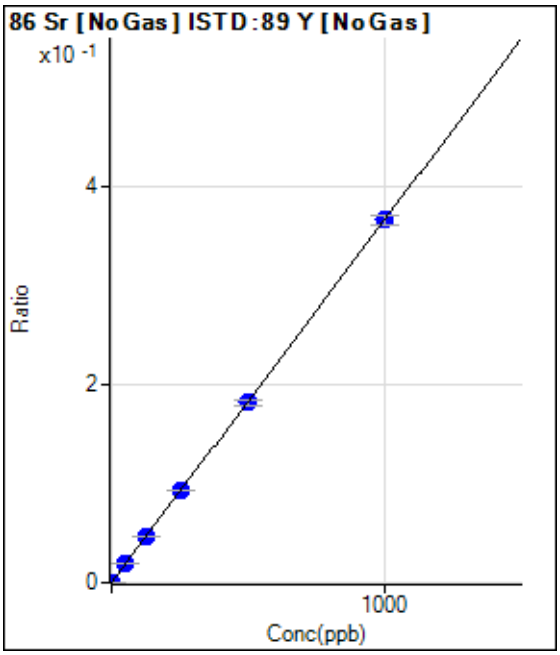
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-17.41	0.0000	P	-165.
2	☐	0.500					
3	☐	5.000	5.295	236.54	0.0001	P	26.2
4	☐	50.000	54.067	2526.29	0.0011	P	0.4
5	☐	125.000	126.421	6062.62	0.0027	P	0.4
6	☐	250.000	252.971	12005.04	0.0053	P	2.0
7	☐	500.000	498.136	23560.53	0.0105	P	0.9
8	☐	1000.000	999.807	47408.37	0.0210	P	3.0
9	☐			-33.62	0.0000	P	-105.

y = 2.1026E-005 * x - 7.5427E-006
R = 1.0000
DL = 1.784

Weight: <None>
Min Conc: 0



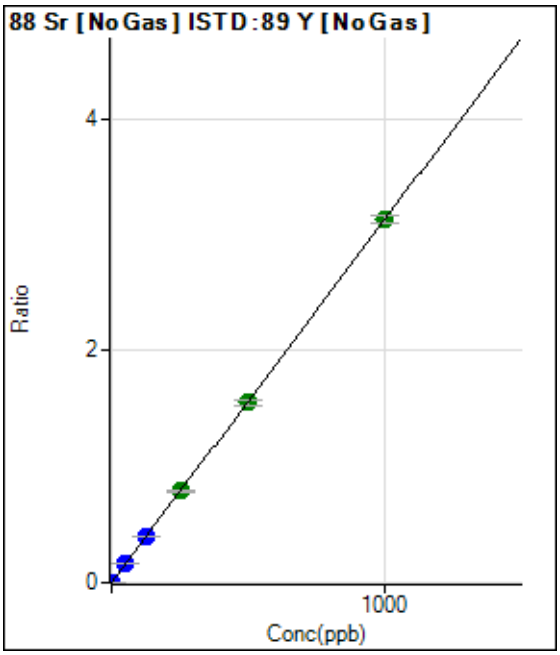
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			307.78		P	10.2
2	☐						
3	☐			304.45		P	14.1
4	☐			237.78		P	27.7
5	☐			287.78		P	9.6
6	☐			322.23		P	7.9
7	☐			315.56		P	10.2
8	☐			334.45		P	9.0
9	☐			333.34		P	10.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	461.13	0.0002	P	15.9
2	☐	0.100					
3	☐	1.000	0.794	1125.08	0.0005	P	11.1
4	☐	50.000	51.357	42569.60	0.0190	P	2.8
5	☐	125.000	125.155	105395.79	0.0461	P	1.5
6	☐	250.000	253.184	210258.28	0.0930	P	1.3
7	☐	500.000	497.639	411038.45	0.1826	P	3.0
8	☐	1000.000	1000.297	827807.52	0.3669	P	2.5
9	☐			3647.82	0.0017	P	4.7

y = 3.6659E-004 * x + 2.0303E-004
R = 1.0000
DL = 0.2643

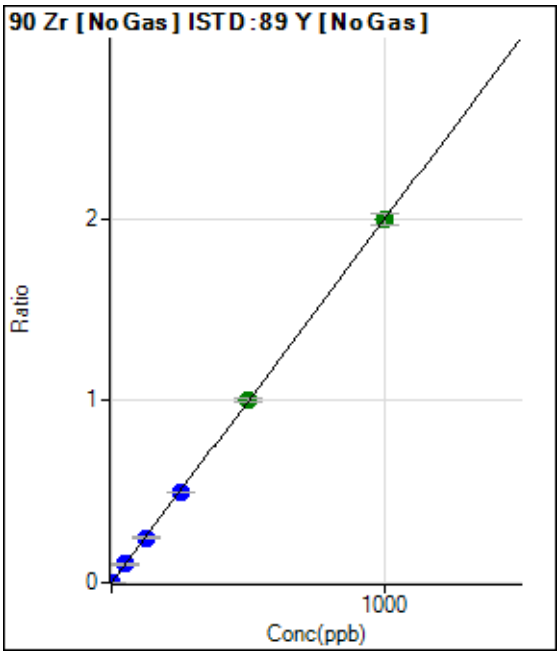
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	28.6
2	☐	0.100					
3	☐	1.000	0.953	6890.81	0.0030	P	8.6
4	☐	50.000	51.612	361480.20	0.1616	P	1.1
5	☐	125.000	127.698	914200.74	0.3997	P	1.7
6	☐	250.000	253.580	1794042.56	0.7938	A	2.5
7	☐	500.000	497.241	3502954.38	1.5564	A	3.4
8	☐	1000.000	1000.067	7063311.62	3.1303	A	2.2
9	☐			28179.73	0.0130	P	2.0

y = 0.0031 * x + 4.0514E-005
R = 1.0000
DL = 0.01111

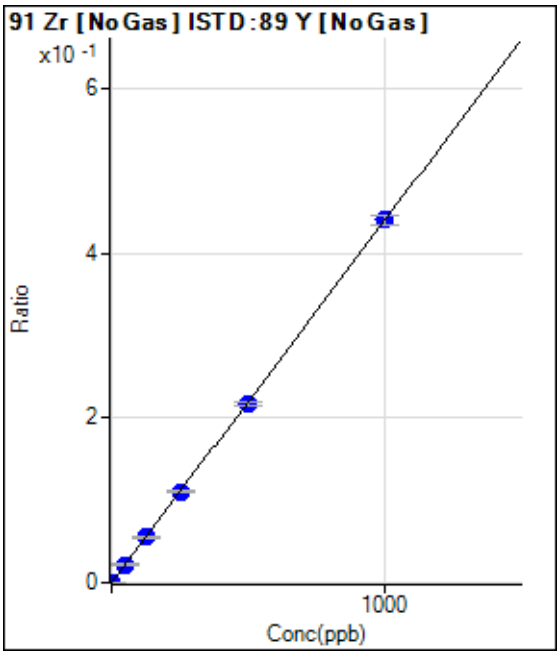
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	186.12	0.0001	P	14.4
2	☐	0.100					
3	☐	1.000	0.904	4298.01	0.0019	P	6.7
4	☐	50.000	50.329	224829.93	0.1005	P	0.9
5	☐	125.000	123.692	564619.45	0.2469	P	1.4
6	☐	250.000	248.172	1119488.08	0.4952	P	1.2
7	☐	500.000	504.030	2263840.13	1.0058	A	1.9
8	☐	1000.000	998.589	4495171.11	1.9925	A	3.0
9	☐			991.73	0.0005	P	5.5

y = 0.0020 * x + 8.2144E-005
R = 1.0000
DL = 0.01776

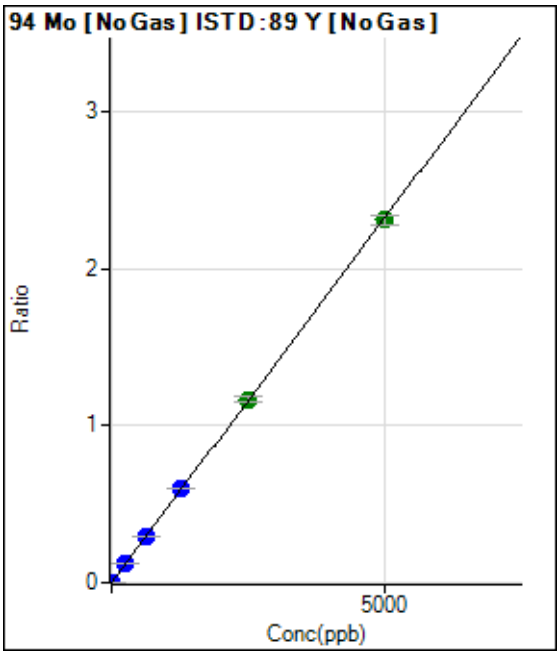
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	14.0
2	☐	0.100					
3	☐	1.000	0.908	944.51	0.0004	P	14.5
4	☐	50.000	50.344	49487.73	0.0221	P	1.5
5	☐	125.000	125.586	126151.84	0.0552	P	2.0
6	☐	250.000	252.194	250378.67	0.1108	P	0.7
7	☐	500.000	494.320	488623.25	0.2171	P	1.6
8	☐	1000.000	1002.201	992890.85	0.4401	P	2.9
9	☐			258.34	0.0001	P	6.1

y = 4.3910E-004 * x + 1.5923E-005
R = 1.0000
DL = 0.01522

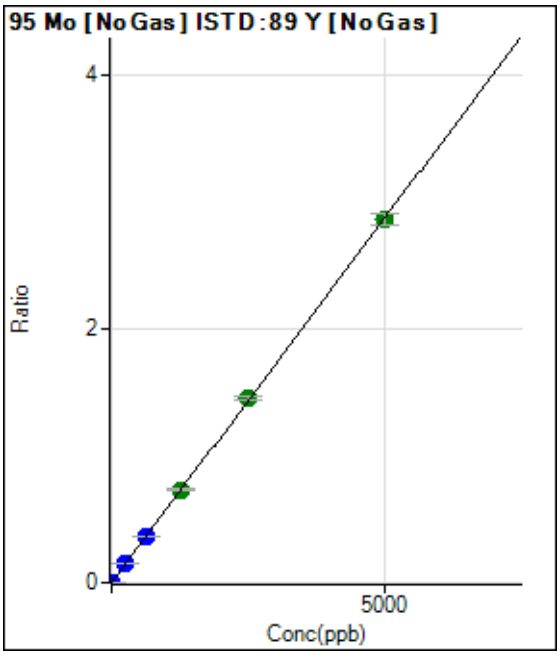
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.11	0.0000	P	40.3
2	☐	1.000					
3	☐	10.000	4.927	5298.42	0.0023	P	5.4
4	☐	250.000	260.714	270975.08	0.1211	P	0.3
5	☐	625.000	637.605	677394.85	0.2962	P	0.9
6	☐	1250.000	1294.733	1359335.46	0.6014	P	1.7
7	☐	2500.000	2519.061	2633528.38	1.1700	A	2.3
8	☐	5000.000	4977.185	5215629.11	2.3117	A	2.7
9	☐			1966.87	0.0009	P	11.2

y = 4.6446E-004 * x + 3.8057E-005
R = 0.9999
DL = 0.09901

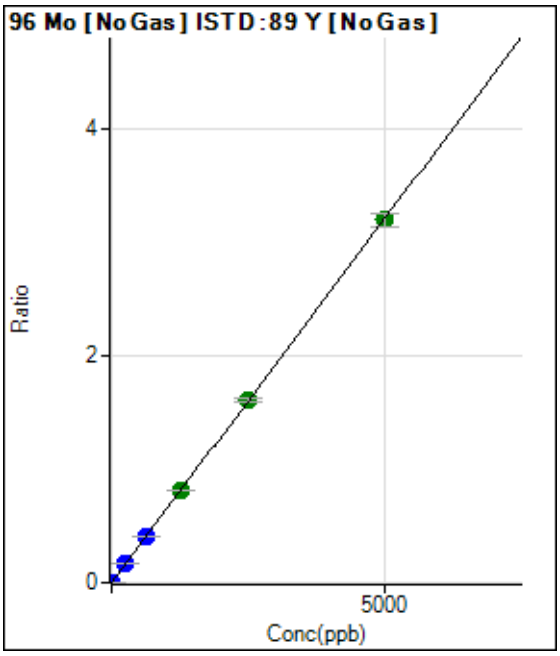
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.66	0.0000	P	87.7
2	☐	1.000					
3	☐	10.000	5.046	6607.36	0.0029	P	0.4
4	☐	250.000	257.709	330607.83	0.1478	P	1.2
5	☐	625.000	634.657	832406.35	0.3639	P	0.9
6	☐	1250.000	1274.773	1652387.27	0.7310	A	1.5
7	☐	2500.000	2524.886	3259057.37	1.4479	A	1.9
8	☐	5000.000	4979.781	6442021.85	2.8556	A	3.3
9	☐			2680.90	0.0012	P	3.0

y = 5.7345E-004 * x + 7.3882E-006
R = 1.0000
DL = 0.03388

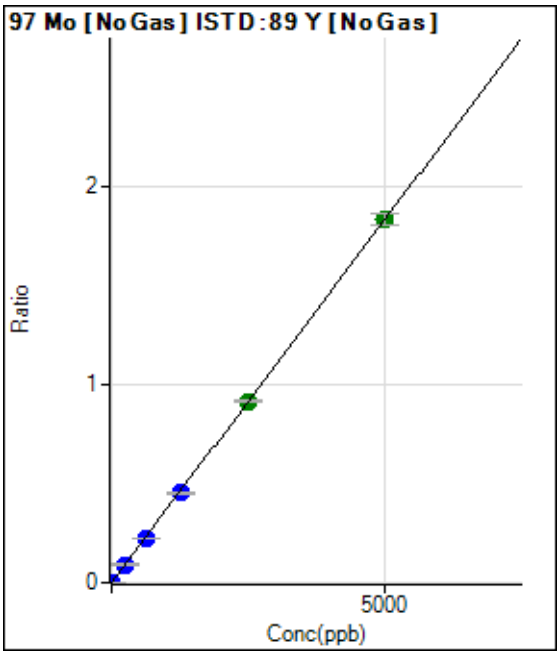
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	27.1
2	☐	1.000					
3	☐	10.000	5.086	7488.36	0.0033	P	3.3
4	☐	250.000	257.299	369240.57	0.1651	P	0.5
5	☐	625.000	635.039	931638.82	0.4073	P	0.8
6	☐	1250.000	1271.269	1843305.83	0.8154	A	0.6
7	☐	2500.000	2510.396	3624219.66	1.6102	A	2.2
8	☐	5000.000	4987.875	7216519.69	3.1992	A	3.7
9	☐			3425.53	0.0016	P	6.3

y = 6.4139E-004 * x + 2.5637E-005
R = 1.0000
DL = 0.03244

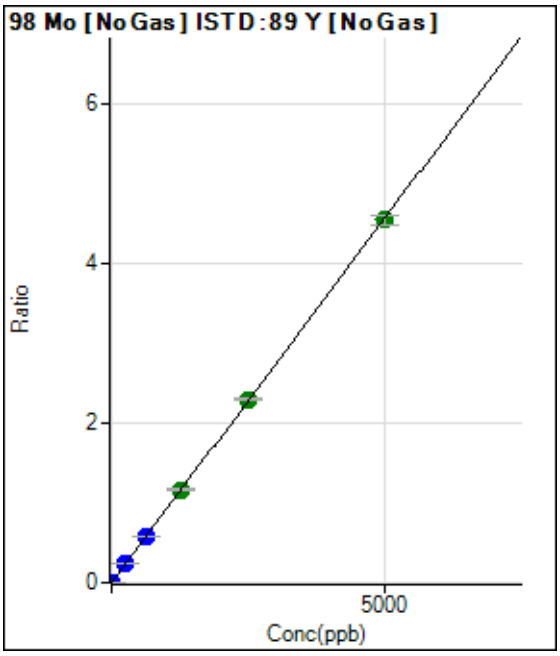
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0001	P	23.4
2	☐	1.000					
3	☐	10.000	4.874	4200.75	0.0018	P	3.7
4	☐	250.000	251.123	205913.77	0.0920	P	0.7
5	☐	625.000	618.838	518616.90	0.2267	P	0.8
6	☐	1250.000	1236.138	1023664.34	0.4529	P	1.4
7	☐	2500.000	2503.311	2064279.99	0.9170	A	1.2
8	☐	5000.000	5002.534	4134002.83	1.8325	A	3.3
9	☐			1789.06	0.0008	P	8.5

y = 3.6631E-004 * x + 5.8825E-005
R = 1.0000
DL = 0.1128

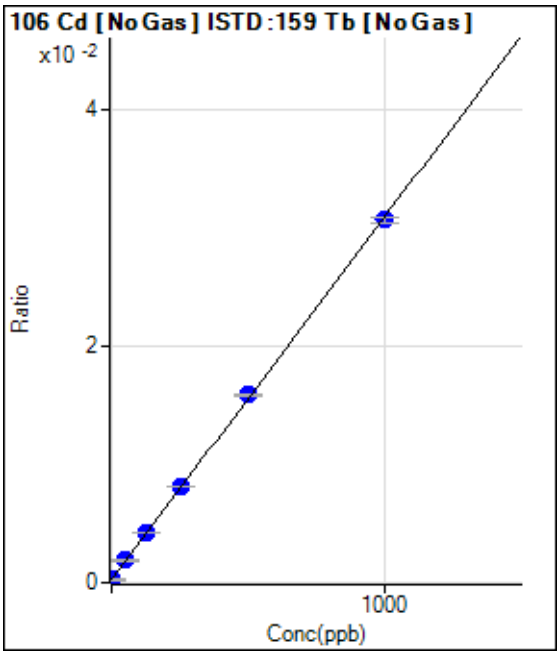
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	12.0
2	☐	1.000					
3	☐	10.000	5.121	10696.13	0.0047	P	3.2
4	☐	250.000	258.792	529054.27	0.2365	P	0.6
5	☐	625.000	636.690	1330698.33	0.5818	P	0.6
6	☐	1250.000	1274.350	2632199.82	1.1645	A	1.6
7	☐	2500.000	2517.377	5177926.12	2.3003	A	1.6
8	☐	5000.000	4983.333	10273248.75	4.5536	A	2.9
9	☐			4084.06	0.0019	P	6.3

y = 9.1377E-004 * x + 1.7133E-005
R = 1.0000
DL = 0.006742

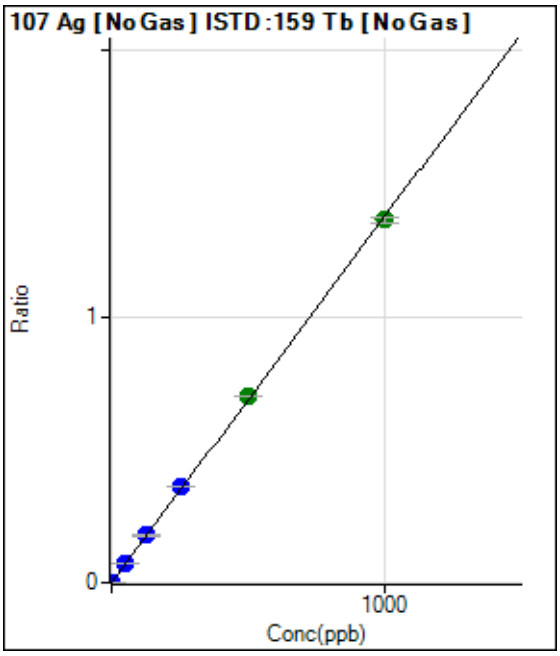
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	591.70	0.0002	P	11.9
2	☐	0.100					
3	☐	1.000	0.563	638.92	0.0003	P	19.1
4	☐	50.000	54.413	4542.56	0.0019	P	7.9
5	☐	125.000	128.928	10142.99	0.0042	P	1.3
6	☐	250.000	255.596	18999.85	0.0081	P	0.5
7	☐	500.000	510.480	37887.03	0.0159	P	1.2
8	☐	1000.000	992.650	73547.22	0.0307	P	1.6
9	☐			580.58	0.0003	P	9.2

y = 3.0650E-005 * x + 2.4727E-004
R = 0.9999
DL = 2.881

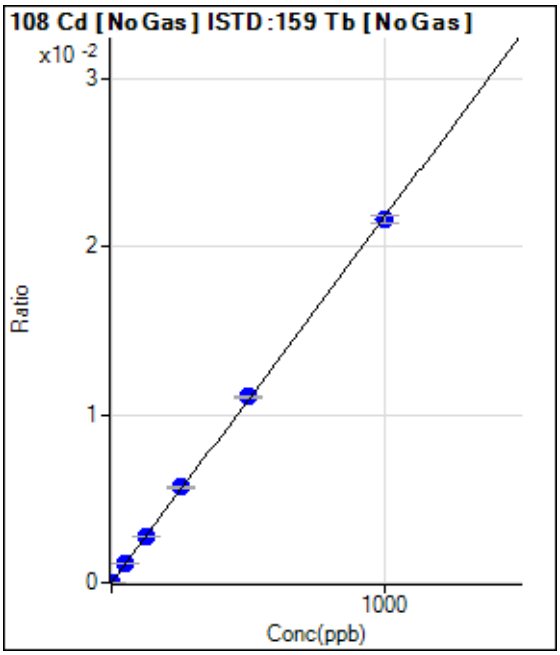
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	27.9
2	☐	0.100					
3	☐	1.000	0.923	3114.34	0.0013	P	1.1
4	☐	50.000	52.130	170130.21	0.0717	P	1.1
5	☐	125.000	129.092	428775.07	0.1775	P	1.0
6	☐	250.000	261.345	844902.15	0.3594	P	0.4
7	☐	500.000	510.474	1673078.88	0.7019	A	0.7
8	☐	1000.000	991.309	3268549.05	1.3631	A	1.2
9	☐			3950.72	0.0017	P	26.6

y = 0.0014 * x + 1.9781E-005
R = 0.9998
DL = 0.01205

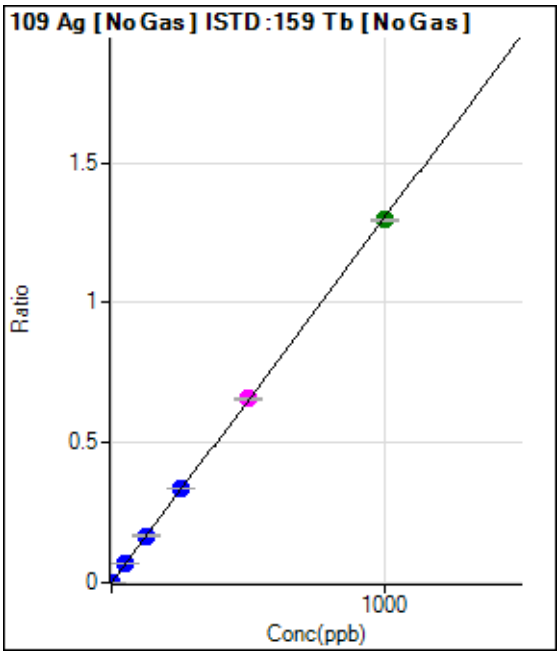
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.17	0.0000	P	1.2
2	☐	0.100					
3	☐	1.000	0.821	47.22	0.0000	P	40.2
4	☐	50.000	53.201	2747.53	0.0012	P	1.5
5	☐	125.000	126.996	6669.78	0.0028	P	1.3
6	☐	250.000	261.887	13383.12	0.0057	P	2.3
7	☐	500.000	508.337	26334.03	0.0110	P	0.3
8	☐	1000.000	992.450	51712.30	0.0216	P	2.2
9	☐			6.94	0.0000	P	34.9

y = 2.1729E-005 * x + 1.7436E-006
R = 0.9999
DL = 0.002825

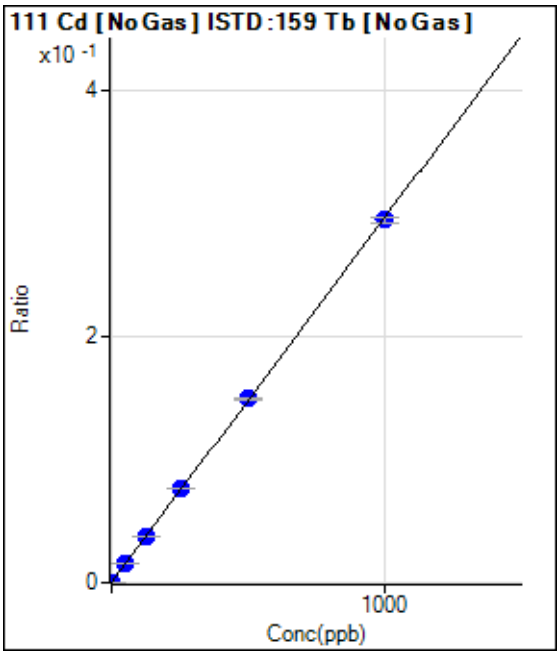
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	24.2
2	☐	0.100					
3	☐	1.000	0.954	3033.75	0.0013	P	2.9
4	☐	50.000	52.627	162688.02	0.0686	P	1.7
5	☐	125.000	128.845	405377.03	0.1678	P	1.9
6	☐	250.000	260.289	797166.79	0.3391	P	0.3
7	☐	500.000	504.566	1566564.53	0.6573	M	1.3
8	☐	1000.000	994.533	3106905.47	1.2955	A	0.8
9	☐			3731.17	0.0016	P	15.6

y = 0.0013 * x + 1.3917E-005
R = 0.9999
DL = 0.007769

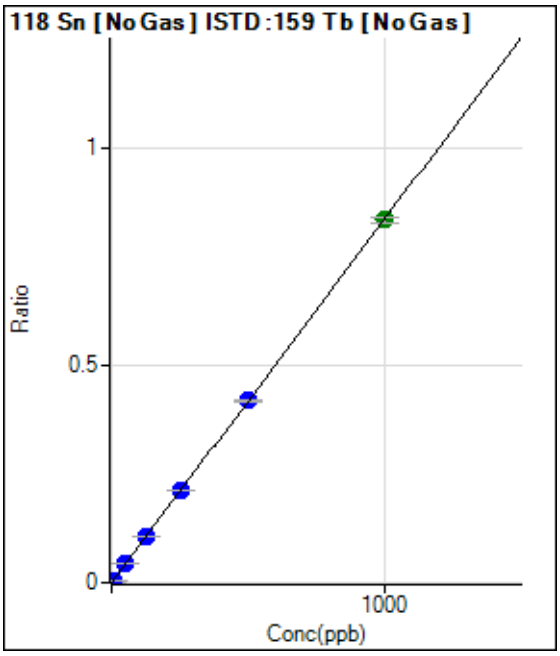
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	414.04	0.0002	P	11.2
2	☐	0.100					
3	☐	1.000	0.934	1086.44	0.0004	P	8.9
4	☐	50.000	52.040	37002.43	0.0156	P	3.6
5	☐	125.000	127.368	91582.77	0.0379	P	1.7
6	☐	250.000	258.905	180806.63	0.0769	P	1.0
7	☐	500.000	505.450	357452.67	0.1500	P	1.0
8	☐	1000.000	994.651	707252.59	0.2949	P	1.5
9	☐			482.10	0.0002	P	6.3

y = 2.9636E-004 * x + 1.7305E-004
R = 0.9999
DL = 0.1964

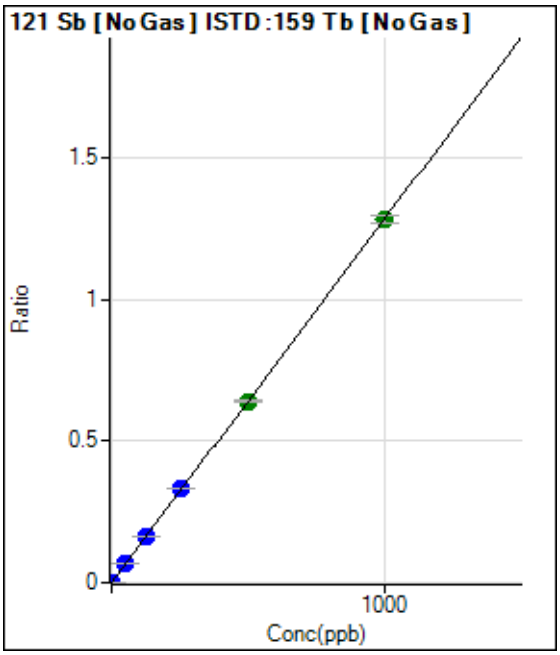
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0000	P	34.3
2	☐	0.500					
3	☐	5.000	4.789	9781.61	0.0040	P	1.4
4	☐	50.000	50.813	101006.63	0.0426	P	2.2
5	☐	125.000	125.850	254489.94	0.1054	P	1.4
6	☐	250.000	255.236	502310.19	0.2137	P	0.6
7	☐	500.000	500.716	998913.32	0.4191	P	1.1
8	☐	1000.000	998.187	2003247.53	0.8354	A	1.6
9	☐			1316.77	0.0006	P	5.5

y = 8.3691E-004 * x + 4.1900E-005
R = 1.0000
DL = 0.05157

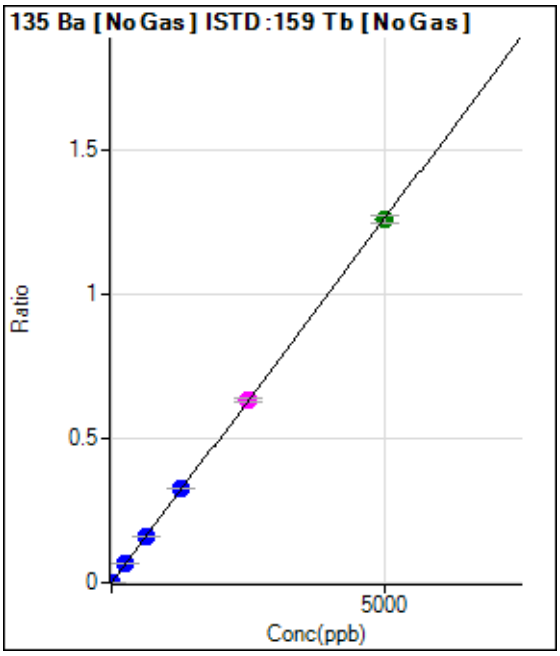
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0000	P	89.5
2	☐	0.200					
3	☐	2.000	1.921	5979.29	0.0025	P	3.0
4	☐	50.000	51.142	155896.99	0.0657	P	1.1
5	☐	125.000	126.179	391484.42	0.1621	P	1.2
6	☐	250.000	259.700	784309.81	0.3336	P	0.3
7	☐	500.000	498.706	1526880.09	0.6406	A	0.8
8	☐	1000.000	998.018	3073805.19	1.2820	A	2.1
9	☐			3264.37	0.0014	P	4.2

y = 0.0013 * x + 8.1750E-006
R = 0.9999
DL = 0.0171

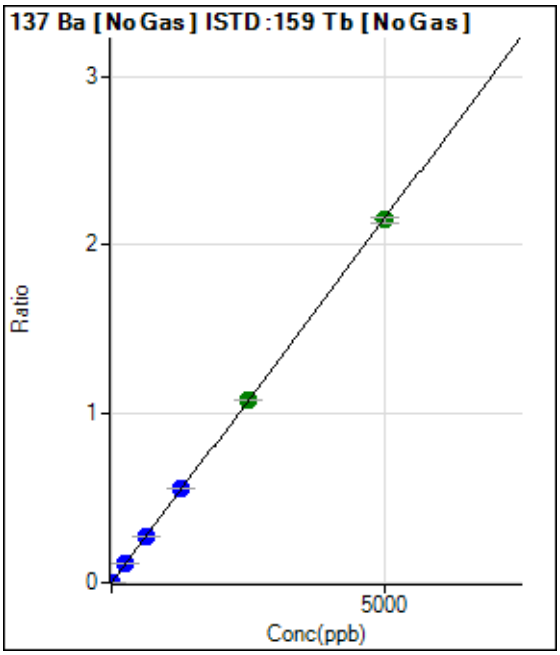
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	86.6
2	☐	1.000					
3	☐	10.000	9.654	5901.49	0.0024	P	3.4
4	☐	250.000	256.686	153846.87	0.0648	P	1.1
5	☐	625.000	635.057	387392.17	0.1604	P	1.9
6	☐	1250.000	1294.499	768719.97	0.3270	P	0.7
7	☐	2500.000	2507.760	1509702.78	0.6334	M	1.7
8	☐	5000.000	4983.405	3017973.09	1.2587	A	2.1
9	☐			438.91	0.0002	P	8.2

y = 2.5257E-004 * x + 4.6583E-006
R = 1.0000
DL = 0.04793

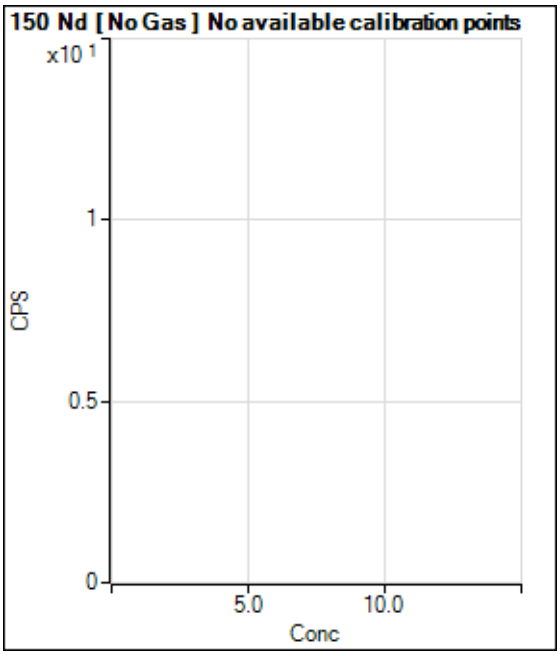
Weight: <None>
Min Conc: 0



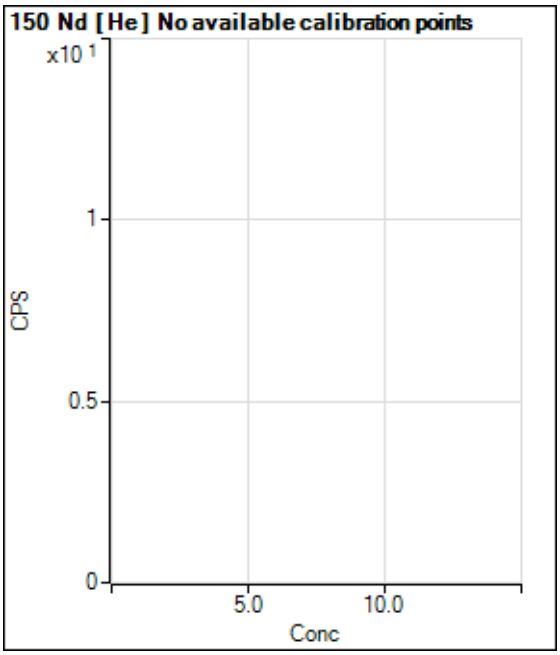
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	22.0
2	☐	1.000					
3	☐	10.000	9.975	10415.46	0.0043	P	4.3
4	☐	250.000	255.619	261657.55	0.1103	P	0.3
5	☐	625.000	631.263	657669.61	0.2723	P	1.5
6	☐	1250.000	1290.665	1308889.11	0.5567	P	0.7
7	☐	2500.000	2514.057	2584807.24	1.0844	A	0.6
8	☐	5000.000	4981.742	5152483.53	2.1488	A	1.7
9	☐			669.48	0.0003	P	10.5

y = 4.3133E-004 * x + 9.2980E-006
R = 1.0000
DL = 0.01425

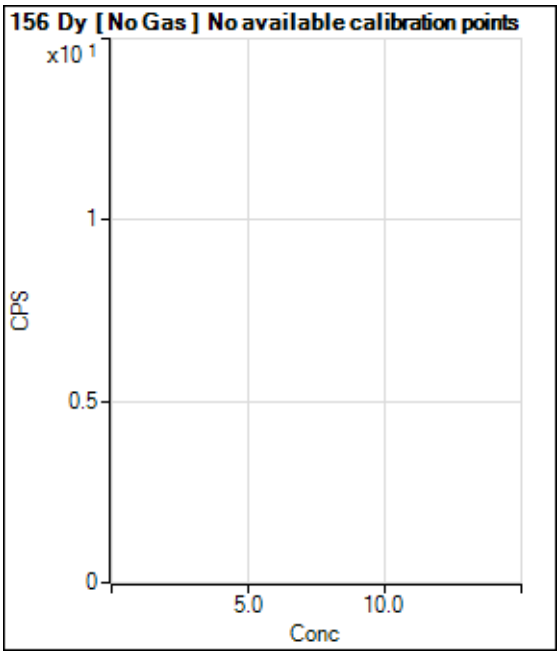
Weight: <None>
Min Conc: 0



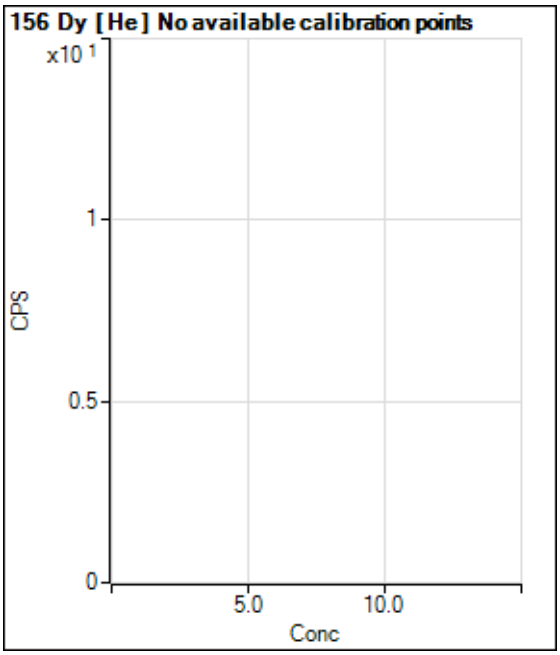
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4.44		P	173.2
2	☐						
3	☐			11.11		P	124.9
4	☐			6.67		P	100.0
5	☐			31.11		P	81.1
6	☐			60.00		P	29.4
7	☐			75.56		P	18.4
8	☐			131.11		P	10.6
9	☐			44.45		P	8.7



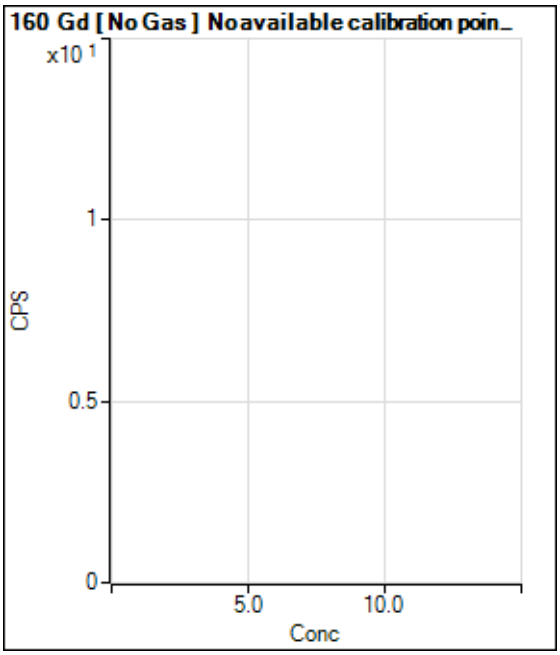
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.2
4	☐			2.22		P	86.6
5	☐			7.78		P	24.7
6	☐			4.44		P	43.4
7	☐			16.67		P	34.6
8	☐			25.56		P	32.8
9	☐			25.55		P	41.9



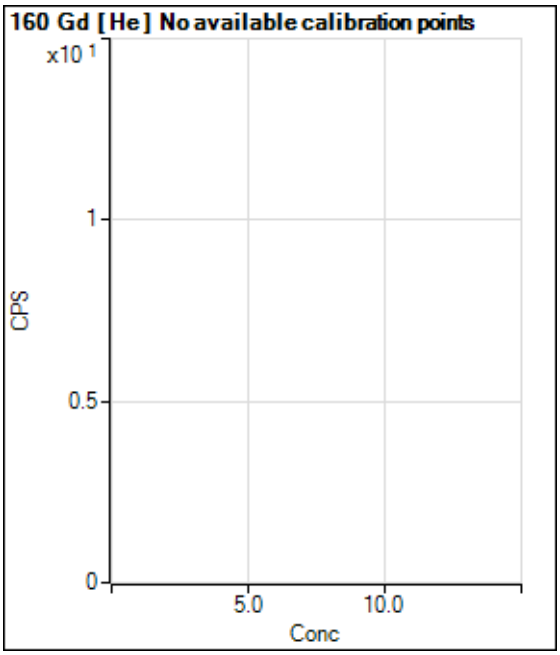
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			5.55		P	86.6
2	☐						
3	☐			5.56		P	173.2
4	☐			8.33		P	100.0
5	☐			5.55		P	86.6
6	☐			13.89		P	69.3
7	☐			25.00		P	33.3
8	☐			33.33		P	25.0
9	☐			36.11		P	66.6



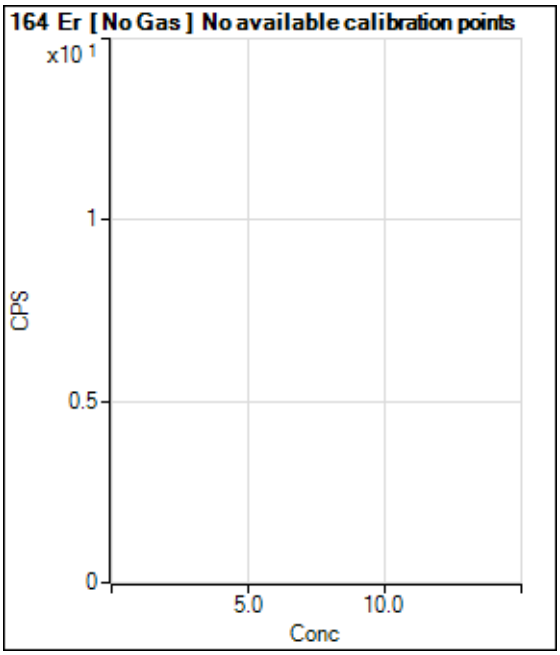
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			2.22		P	86.6
4	☐			1.11		P	173.2
5	☐			7.78		P	24.7
6	☐			2.22		P	173.2
7	☐			10.00		P	57.8
8	☐			10.00		P	57.8
9	☐			14.44		P	81.1



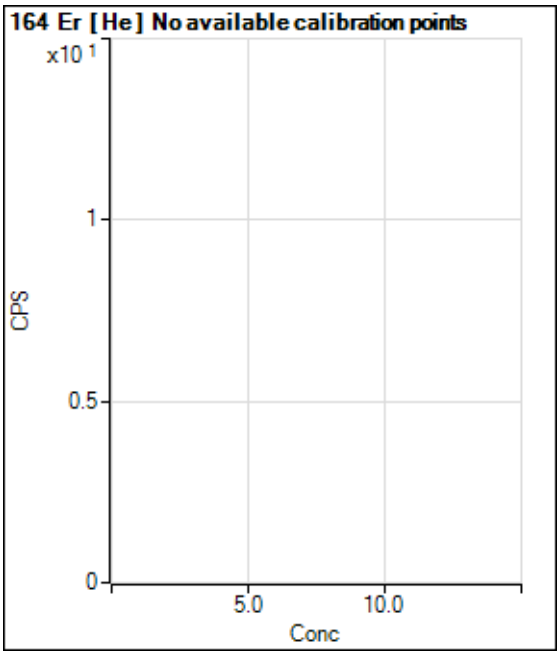
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			16.66		P	86.6
2	☐						
3	☐			13.89		P	91.6
4	☐			11.11		P	86.6
5	☐			25.00		P	33.3
6	☐			13.89		P	124.9
7	☐			27.78		P	105.4
8	☐			27.78		P	45.8
9	☐			19.44		P	65.5



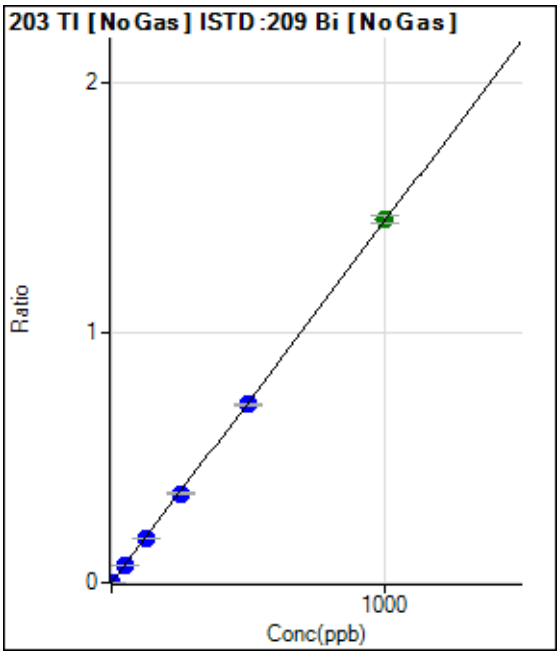
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			5.55		P	124.9
2	☐						
3	☐			8.89		P	94.4
4	☐			15.56		P	12.4
5	☐			13.34		P	43.3
6	☐			7.78		P	65.5
7	☐			12.22		P	63.0
8	☐			18.89		P	20.4
9	☐			18.89		P	20.4



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			11.11		P	173.2
2	☐						
3	☐			19.44		P	49.5
4	☐			8.33		P	100.0
5	☐			8.33		P	100.0
6	☐			13.89		P	34.7
7	☐			13.89		P	91.6
8	☐			30.56		P	41.7
9	☐			19.44		P	99.0



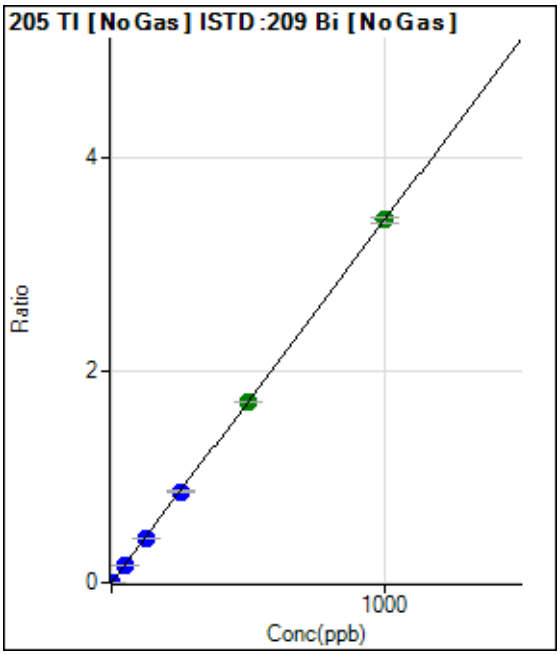
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4.44		P	43.4
2	☐						
3	☐			4.44		P	43.4
4	☐			6.67		P	86.6
5	☐			7.78		P	24.7
6	☐			3.33		P	0.0
7	☐			6.67		P	0.0
8	☐			15.56		P	75.3
9	☐			8.89		P	78.1



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0000	P	53.8
2	☐	0.100					
3	☐	1.000	0.938	1975.21	0.0014	P	12.4
4	☐	50.000	48.892	99226.95	0.0706	P	1.3
5	☐	125.000	122.673	251083.30	0.1770	P	2.3
6	☐	250.000	246.993	494939.80	0.3564	P	1.0
7	☐	500.000	493.217	983200.59	0.7116	P	0.4
8	☐	1000.000	1004.490	1986235.57	1.4493	A	2.0
9	☐			363.90	0.0003	P	10.1

y = 0.0014 * x + 4.5328E-005
R = 1.0000
DL = 0.0507

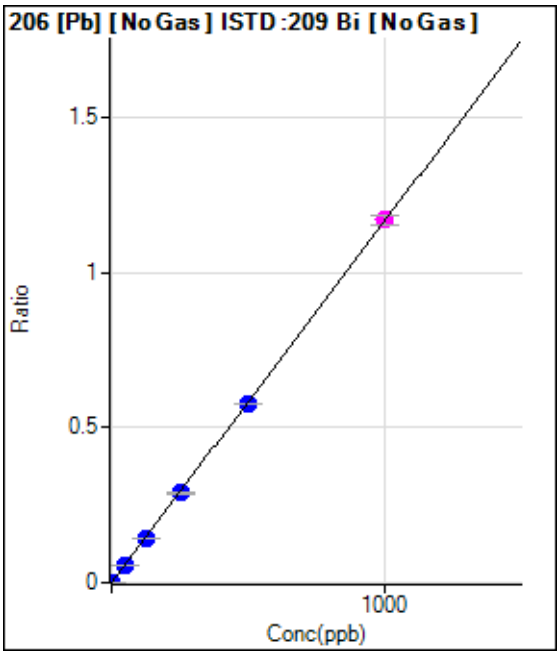
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0001	P	52.0
2	☐	0.100					
3	☐	1.000	0.892	4403.67	0.0031	P	1.6
4	☐	50.000	50.081	240535.65	0.1711	P	1.1
5	☐	125.000	124.129	601314.72	0.4240	P	0.8
6	☐	250.000	251.160	1191269.56	0.8578	P	0.7
7	☐	500.000	498.169	2350581.26	1.7013	A	0.5
8	☐	1000.000	1000.731	4683964.25	3.4175	A	1.5
9	☐			908.39	0.0007	P	10.4

y = 0.0034 * x + 7.1043E-005
R = 1.0000
DL = 0.03245

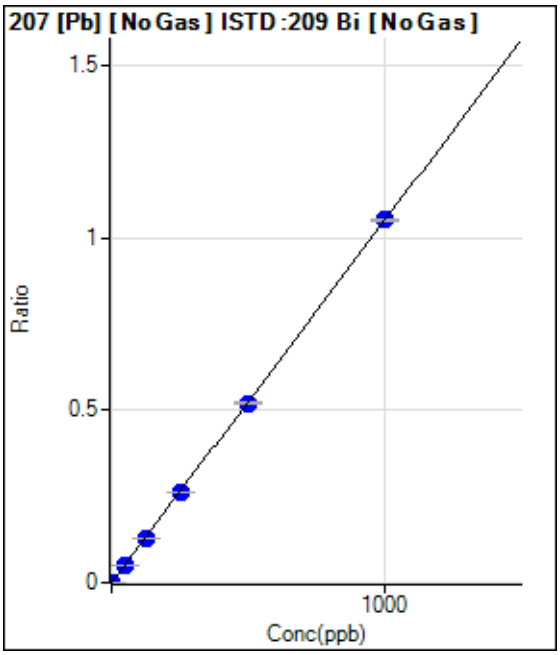
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	325.94	0.0002	P	16.4
2	☐	0.100					
3	☐	1.000	0.877	1772.38	0.0013	P	4.0
4	☐	50.000	49.739	81943.88	0.0583	P	1.2
5	☐	125.000	123.720	205140.00	0.1446	P	0.6
6	☐	250.000	247.799	401989.18	0.2895	P	0.8
7	☐	500.000	494.015	796967.75	0.5768	P	0.7
8	☐	1000.000	1003.716	1605835.40	1.1717	M	2.4
9	☐			2448.43	0.0019	P	4.9

y = 0.0012 * x + 2.3186E-004
R = 1.0000
DL = 0.09771

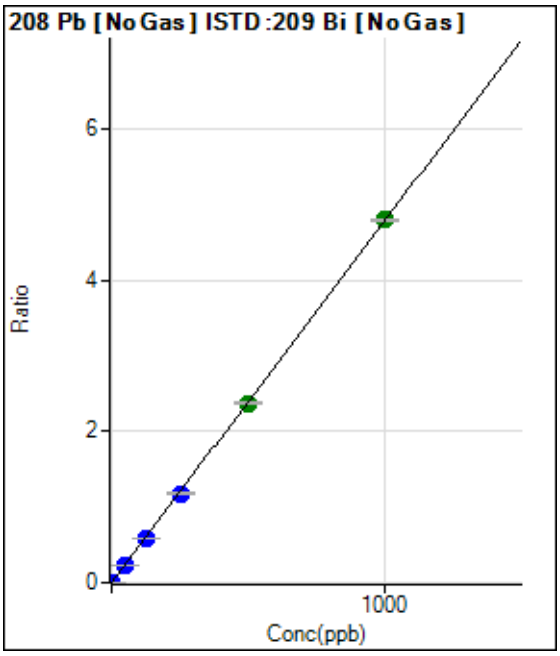
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	262.97	0.0002	P	34.1
2	☐	0.100					
3	☐	1.000	0.969	1700.15	0.0012	P	3.7
4	☐	50.000	49.829	73757.01	0.0525	P	0.2
5	☐	125.000	123.818	184501.02	0.1301	P	1.1
6	☐	250.000	249.460	363716.29	0.2619	P	1.3
7	☐	500.000	495.878	719027.06	0.5204	P	0.9
8	☐	1000.000	1002.352	1441611.46	1.0518	P	0.6
9	☐			2253.94	0.0018	P	2.6

y = 0.0010 * x + 1.8708E-004
R = 1.0000
DL = 0.1824

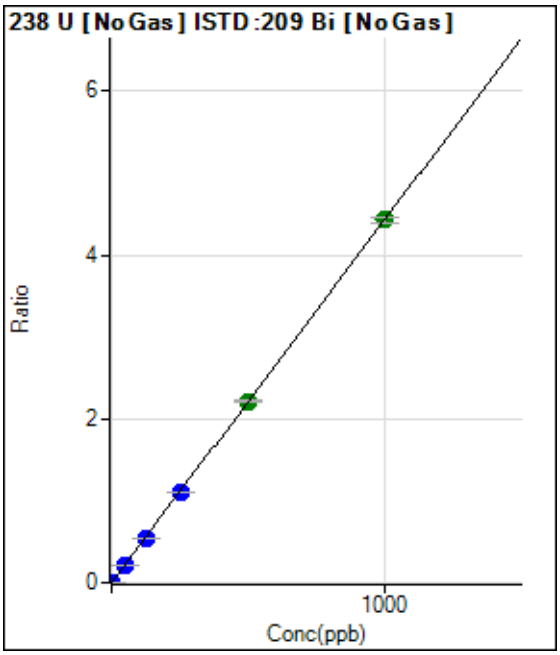
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1185.23	0.0008	P	16.6
2	☐	0.100					
3	☐	1.000	0.946	7567.71	0.0054	P	2.4
4	☐	50.000	49.007	330129.40	0.2348	P	0.3
5	☐	125.000	121.818	826099.36	0.5824	P	0.4
6	☐	250.000	246.672	1636725.14	1.1786	P	1.1
7	☐	500.000	495.660	3270737.92	2.3673	A	0.7
8	☐	1000.000	1003.450	6567559.26	4.7917	A	0.9
9	☐			9935.02	0.0079	P	4.4

y = 0.0048 * x + 8.4295E-004
R = 1.0000
DL = 0.08814

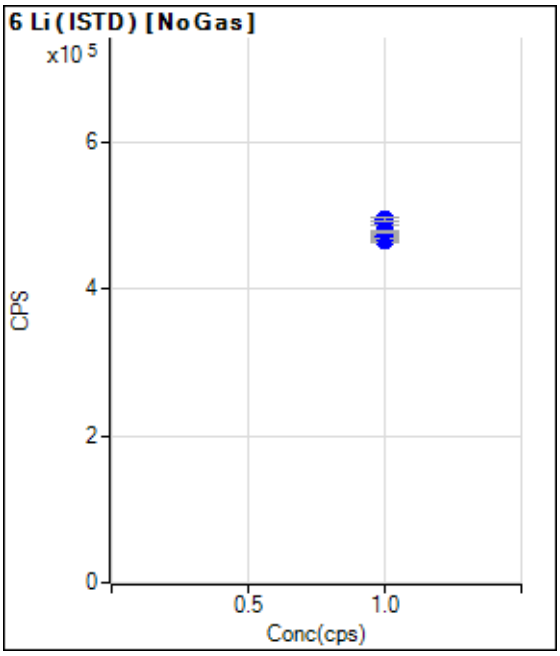
Weight: <None>
Min Conc: 0



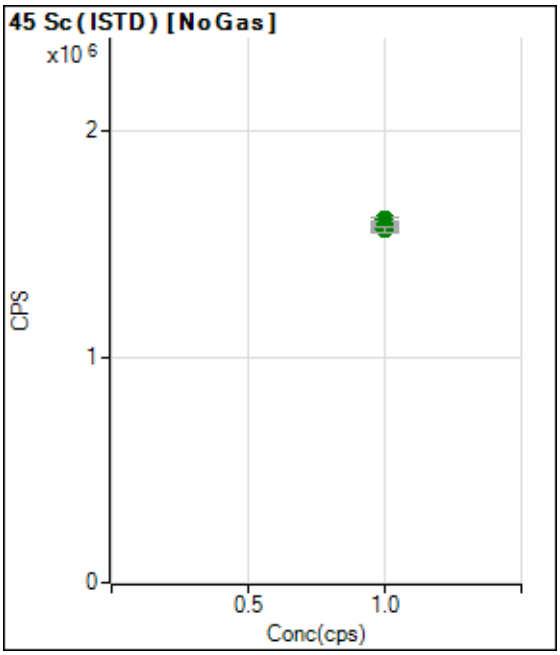
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	32.1
2	☐	0.100					
3	☐	1.000	0.904	5687.57	0.0040	P	4.7
4	☐	50.000	49.327	307020.25	0.2184	P	0.3
5	☐	125.000	121.807	764783.24	0.5392	P	0.6
6	☐	250.000	250.356	1539191.47	1.1083	P	0.5
7	☐	500.000	499.863	3057211.31	2.2128	A	1.1
8	☐	1000.000	1000.412	6069791.80	4.4286	A	1.3
9	☐			352.79	0.0003	P	11.8

y = 0.0044 * x + 2.7625E-005
R = 1.0000
DL = 0.006016

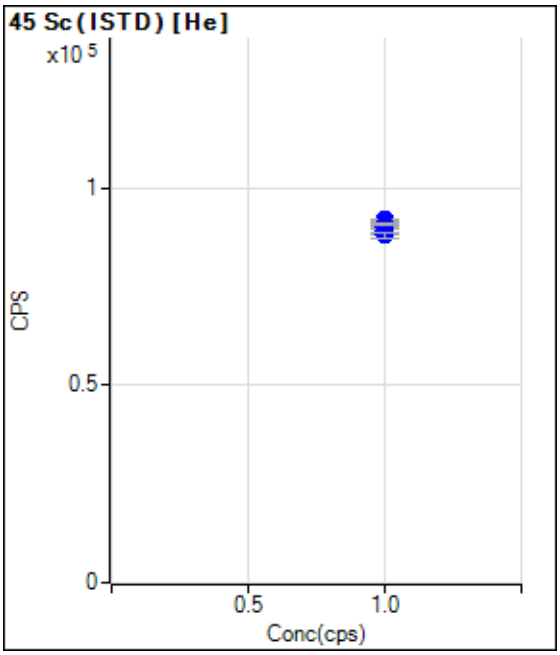
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		490029.92		P	0.8
2	☐	1.000					
3	☐	1.000		494694.68		P	1.0
4	☐	1.000		476455.24		P	1.2
5	☐	1.000		478511.69		P	1.1
6	☐	1.000		474935.66		P	0.8
7	☐	1.000		465778.13		P	0.5
8	☐	1.000		471813.64		P	1.3
9	☐	1.000		479203.37		P	0.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1579779.11		A	1.0
2	☐	1.000					
3	☐	1.000		1590525.55		A	0.5
4	☐	1.000		1606172.50		A	1.3
5	☐	1.000		1595700.69		A	0.8
6	☐	1.000		1576503.52		A	0.6
7	☐	1.000		1564692.06		A	0.7
8	☐	1.000		1562804.94		A	1.1
9	☐	1.000		1563184.84		A	1.4



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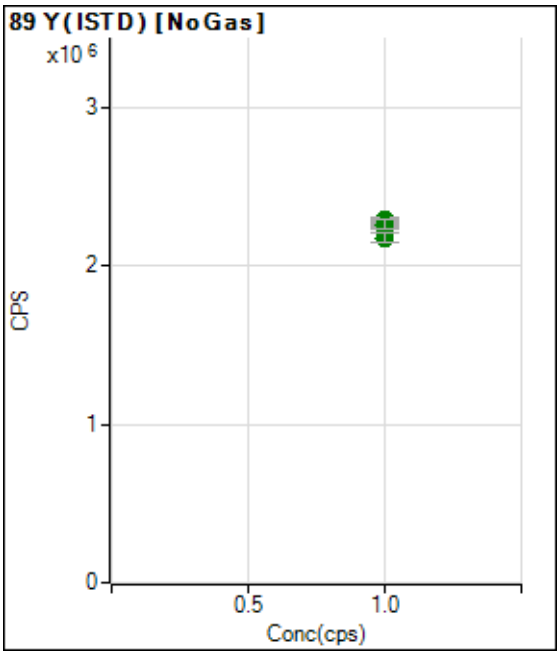
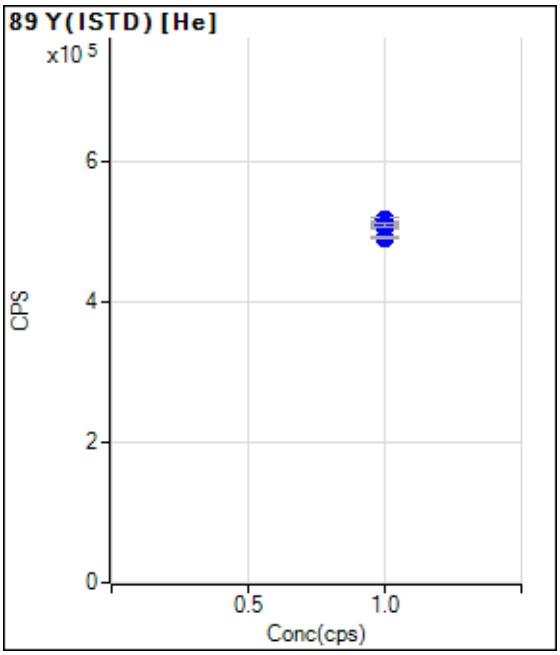
1	☐	1.000		88100.29		P	1.3
2	☐	1.000					
3	☐	1.000		89190.55		P	1.5
4	☐	1.000		92013.90		P	0.7
5	☐	1.000		90930.28		P	0.7
6	☐	1.000		89857.80		P	0.7
7	☐	1.000		90206.60		P	0.9
8	☐	1.000		90783.81		P	0.5
9	☐	1.000		88147.01		P	1.4



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2269282.40		A	1.6
2	☐	1.000					
3	☐	1.000		2277752.97		A	0.4
4	☐	1.000		2237117.57		A	0.6
5	☐	1.000		2287325.00		A	1.4
6	☐	1.000		2260722.69		A	1.5
7	☐	1.000		2251309.06		A	1.5
8	☐	1.000		2257280.05		A	2.8
9	☐	1.000		2172697.16		A	2.9



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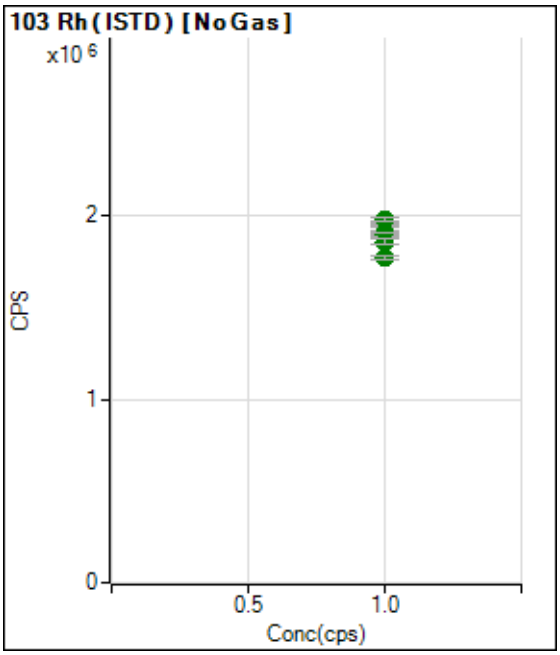
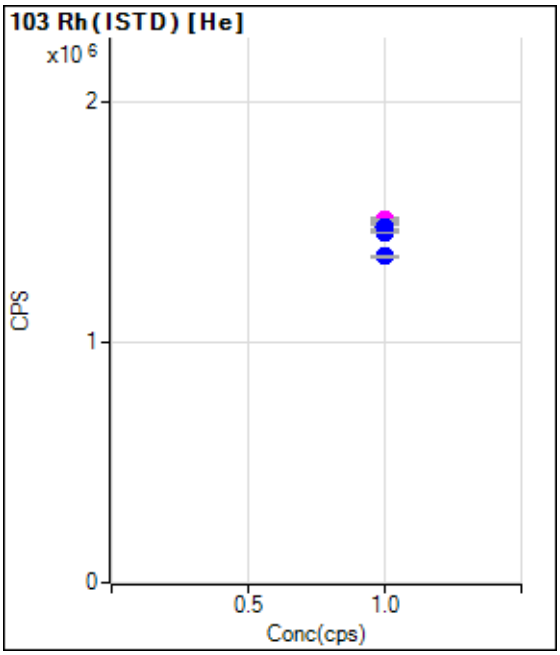
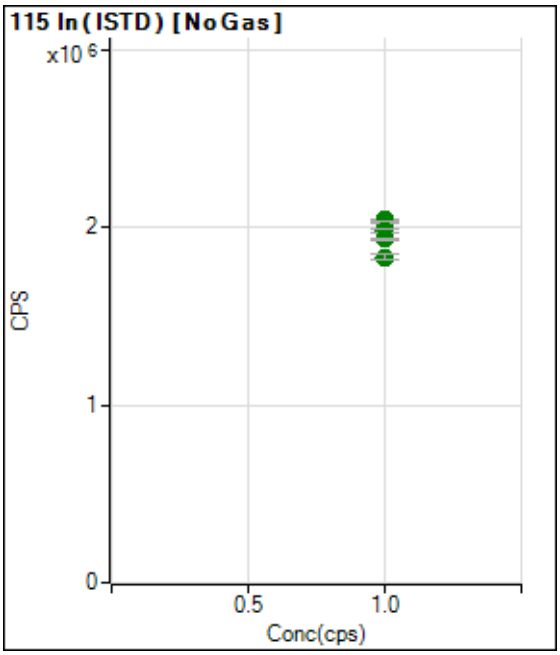
1	☐	1.000		505647.46		P	0.2
2	☐	1.000					
3	☐	1.000		507516.45		P	1.4
4	☐	1.000		512771.38		P	0.3
5	☐	1.000		516185.96		P	1.1
6	☐	1.000		507492.85		P	0.8
7	☐	1.000		509858.98		P	0.1
8	☐	1.000		508913.17		P	0.7
9	☐	1.000		491012.48		P	0.6



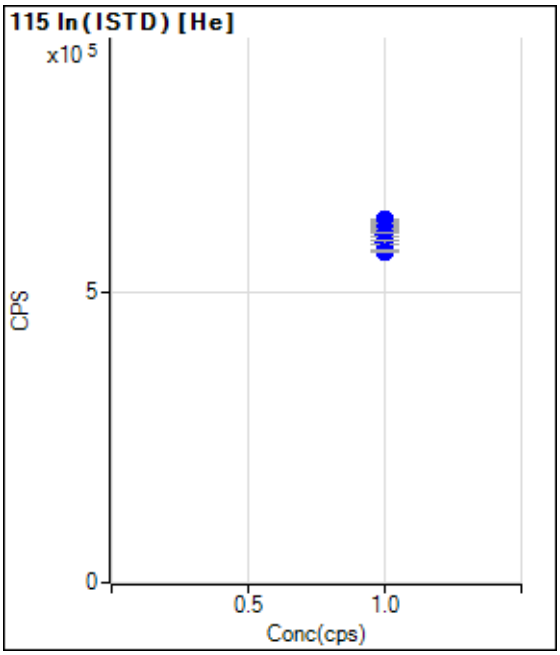
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1962480.56		A	1.3
2	☐	1.000					
3	☐	1.000		1969752.25		A	0.7
4	☐	1.000		1949619.66		A	0.5
5	☐	1.000		1979842.10		A	1.0
6	☐	1.000		1907778.95		A	1.0
7	☐	1.000		1897739.56		A	1.2
8	☐	1.000		1861379.31		A	1.4
9	☐	1.000		1773175.82		A	1.3



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1510063.02		A	0.6
2	☐	1.000					
3	☐	1.000		1510451.36		A	1.4
4	☐	1.000		1511548.36		M	1.3
5	☐	1.000		1508805.76		M	0.4
6	☐	1.000		1481825.76		P	0.7
7	☐	1.000		1472514.39		P	0.4
8	☐	1.000		1455486.57		P	0.1
9	☐	1.000		1358936.68		P	0.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2024023.03		A	0.6
2	☐	1.000					
3	☐	1.000		2040680.13		A	0.7
4	☐	1.000		2023392.79		A	0.4
5	☐	1.000		2029895.81		A	0.7
6	☐	1.000		1979837.95		A	0.8
7	☐	1.000		1979952.26		A	1.1
8	☐	1.000		1931991.01		A	0.8
9	☐	1.000		1831473.88		A	1.4



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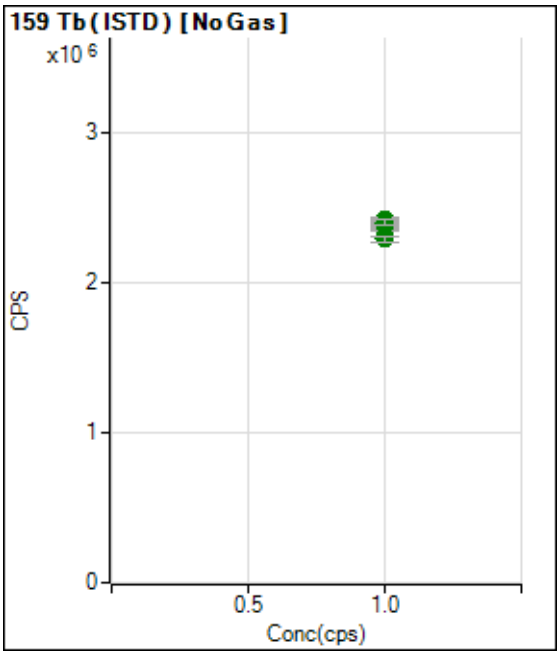
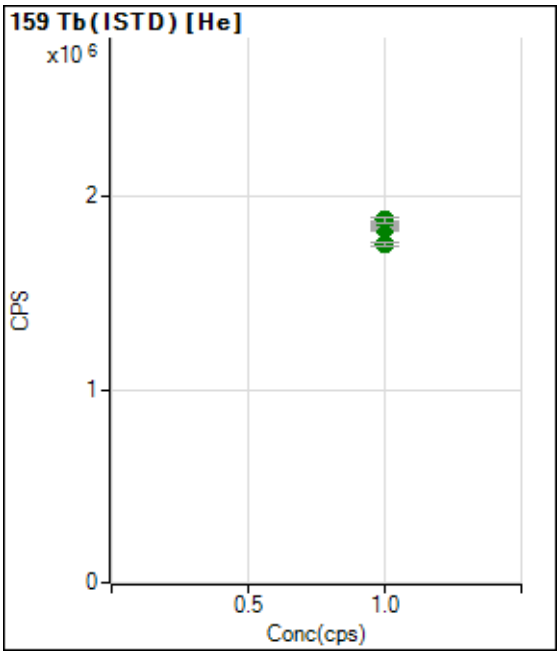
2	☐	1.000					
3	☐	1.000		613672.70		P	1.7
4	☐	1.000		622724.14		P	0.5
5	☐	1.000		616429.89		P	0.7
6	☐	1.000		606110.35		P	0.8
7	☐	1.000		597112.02		P	1.0
8	☐	1.000		585221.25		P	1.0
9	☐	1.000		569275.37		P	0.5



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2391798.42		A	1.2
2	☐	1.000					
3	☐	1.000		2415428.44		A	0.5
4	☐	1.000		2372976.41		A	0.7
5	☐	1.000		2415601.49		A	1.6
6	☐	1.000		2351102.81		A	0.2
7	☐	1.000		2383656.77		A	0.9
8	☐	1.000		2398261.04		A	1.5
9	☐	1.000		2286639.31		A	1.8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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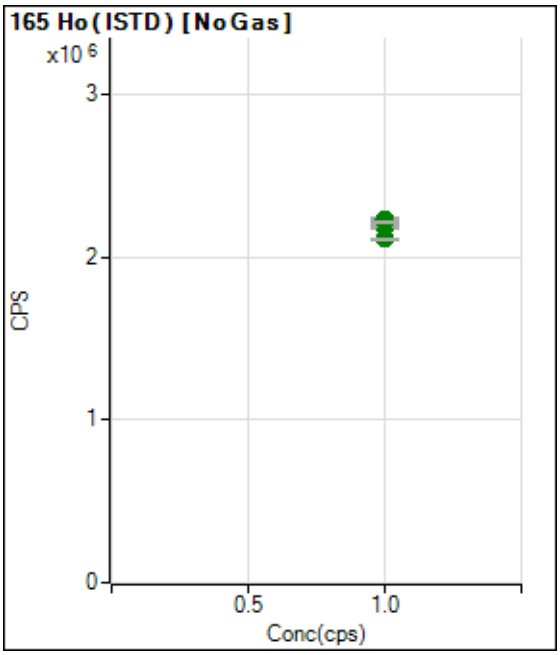
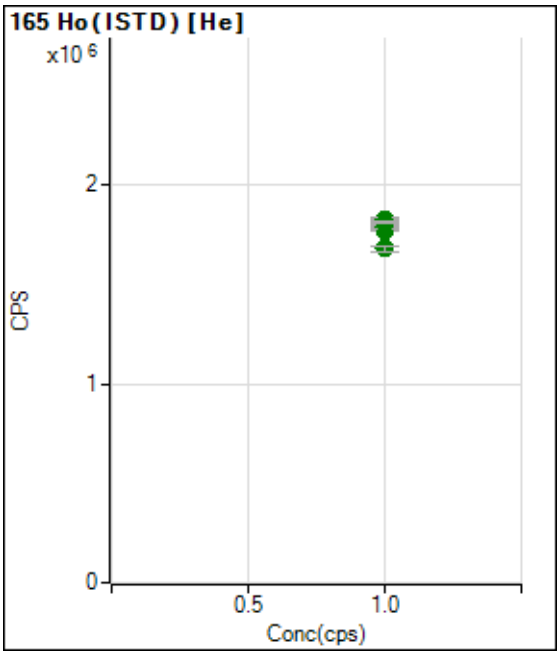
2	☐	1.000					
3	☐	1.000		1841774.07		A	0.5
4	☐	1.000		1859856.27		A	0.2
5	☐	1.000		1862135.23		A	0.7
6	☐	1.000		1858124.95		A	1.0
7	☐	1.000		1860513.83		A	1.6
8	☐	1.000		1878713.86		A	1.4
9	☐	1.000		1754367.54		A	0.9



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2223258.10		A	0.6
2	☐	1.000					
3	☐	1.000		2222271.19		A	1.3
4	☐	1.000		2188260.49		A	1.1
5	☐	1.000		2232479.65		A	1.7
6	☐	1.000		2193907.43		A	1.5
7	☐	1.000		2197737.96		A	0.8
8	☐	1.000		2223617.04		A	0.5
9	☐	1.000		2112643.58		A	1.0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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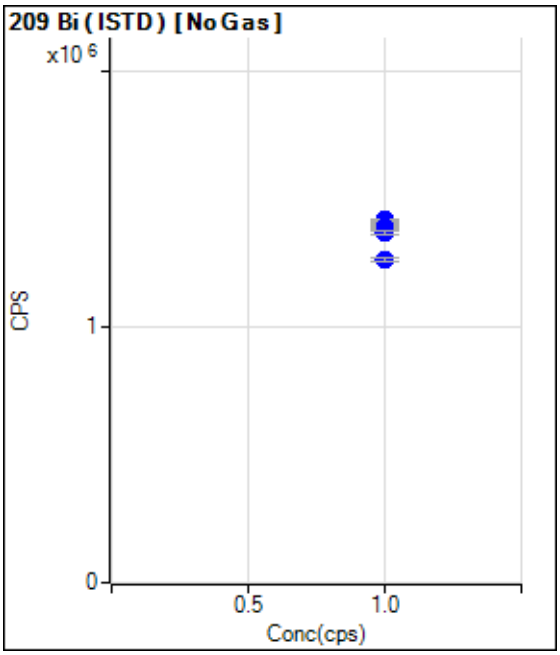
2	☐	1.000					
3	☐	1.000		1802444.35		A	2.3
4	☐	1.000		1796197.46		A	0.9
5	☐	1.000		1787952.53		A	0.6
6	☐	1.000		1789719.42		A	0.9
7	☐	1.000		1823347.11		A	1.4
8	☐	1.000		1811447.56		A	0.8
9	☐	1.000		1678312.65		A	1.4



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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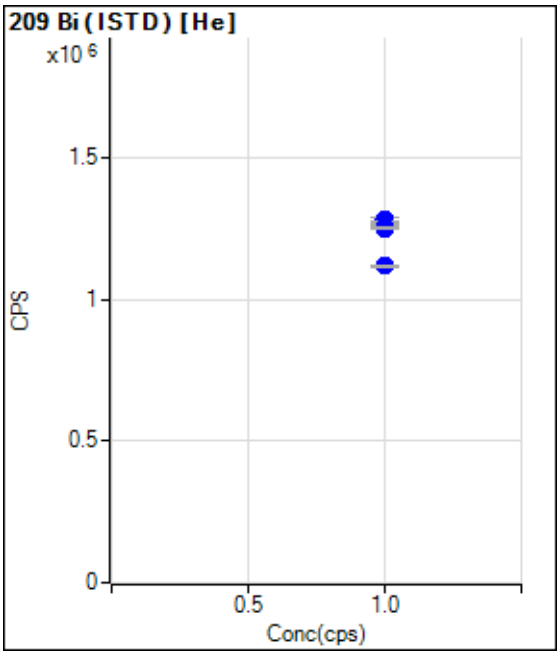
2	☐	1.000					
3	☐	1.000		1412049.46		P	0.6
4	☐	1.000		1405870.47		P	0.4
5	☐	1.000		1418311.65		P	0.3
6	☐	1.000		1388807.69		P	0.5
7	☐	1.000		1381644.41		P	0.4
8	☐	1.000		1370697.96		P	1.1
9	☐	1.000		1261726.03		P	1.4



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1262126.62		P	0.2
2	☐	1.000					
3	☐	1.000		1265457.38		P	1.4
4	☐	1.000		1281850.99		P	1.2
5	☐	1.000		1275363.03		P	0.6
6	☐	1.000		1252055.67		P	0.5
7	☐	1.000		1255558.91		P	1.0
8	☐	1.000		1254332.80		P	0.3
9	☐	1.000		1117668.05		P	0.4

US EPA Tune Check Sample Report

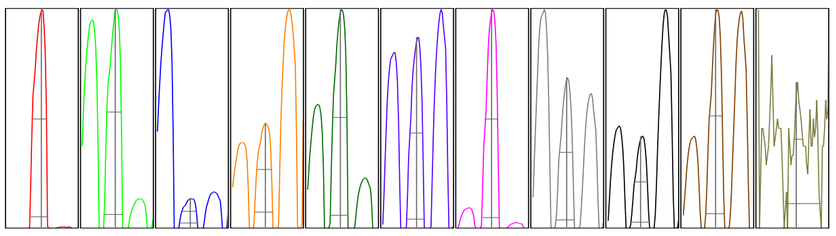
Batch Folder D:\P8052919 MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	2356	2.44	5.00	
24	21524	2.00	5.00	
25	3088	2.46	5.00	
26	3872	1.76	5.00	
59	18901	2.77	5.00	
113	2583	1.49	5.00	
115	30817	0.37	5.00	
206	6103	2.09	5.00	
207	5481	1.55	5.00	
208	12963	1.92	5.00	
220	0	5.83		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	2277	2329	2350	2407	2417
24	20909	21345	21528	21834	22005
25	2969	3060	3115	3134	3161
26	3766	3868	3883	3886	3956
59	18122	18676	18996	19270	19441
113	2519	2576	2604	2611	2604
115	30715	30727	30909	30970	30762
206	5961	5996	6101	6203	6255
207	5357	5434	5518	5529	5569
208	12588	12885	12967	13179	13196
220	0	1	0	1	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width-X% (Flag)
9	4287	9.00	8.9 - 9.1		0.734	0.900	
24	38054	23.95	23.9 - 24.1		0.768	0.900	
25	5180	24.95	24.9 - 25.1		0.746	0.900	
26	6311	25.95	25.9 - 26.1		0.751	0.900	
59	33855	58.95	58.9 - 59.1		0.736	0.900	
113	4971	113.00	112.9 - 113.1		0.729	0.900	
115	60169	115.00	114.9 - 115.1		0.731	0.900	
206	11714	206.00	205.9 - 206.1		0.765	0.900	
207	10447	206.95	206.9 - 207.1		0.769	0.900	
208	24927	207.95	207.9 - 208.1		0.777	0.900	
220	1	220.20	-		1.354		

X% = 5 **Integration Time [sec] =** 0.1 **Acquisition Time [sec] =** 256.8 **Y Axis =** Linear

Tune Parameters
Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	12.7	V	Deflect	13.8	V
Extract 2	-240.0	V	Cell Entrance	-30	V	Plate Bias	-50	V
Omega Bias	-120	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	4.0	V
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	7523	0.83	
89	7604	0.77	
205	7900	1.06	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	7563	7479	7600	7445	7528
89	7642	7534	7680	7563	7602
205	7968	7854	7990	7785	7901

Integration Time [sec] = 0.1

Tune Parameters
Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	12.7	V	Deflect	3.2	V
Extract 2	-240.0	V	Cell Entrance	-50	V	Plate Bias	-60	V
Omega Bias	-120	V	Cell Exit	-70	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination	5.0	V
He Flow	4.5	mL/min	OctP RF	200	V			

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:13:52	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.92	-0.03	0.95	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	-0.01	0.00	N/A	ppb
Arsenic	75-2	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	135-1	-0.02	0.01	0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.02	0.02	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.22	0.22	0.01	0.00	N/A	ppb
Boron	11-1	0.23	-0.25	0.02	0.00	N/A	ppb
Cadmium	111-1	0.08	-0.04	-0.03	0.00	N/A	ppb
Cadmium	106-1	1.10	-0.69	-0.40	0.00	N/A	ppb
Cadmium	108-1	0.00	0.00	0.00	0.00	N/A	ppb
Calcium	43-1	1.16	9.96	-11.12	0.00	N/A	ppb
Calcium	44-1	-1.78	2.25	-0.46	0.00	N/A	ppb
Chromium	52-2	-0.08	0.09	0.00	0.00	N/A	ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.08	-0.02	-0.06	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.26	-0.14	-0.12	0.00	N/A	ppb
Iron	57-2	-0.13	-0.65	0.78	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.03	0.00	0.03	0.00	N/A	ppb
Lead	207-1	-0.06	0.00	0.06	0.00	N/A	ppb
Lead	208-1	-0.03	0.01	0.03	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.54	-0.05	0.59	0.00	N/A	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:13:52	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.04	-0.02	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.04	-0.03	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.02	0.00	0.00	N/A	ppb
Phosphorus	31-2	-35.21	-2.86	-13.42	-17.17		ppb
Potassium	39-2	-5.25	-2.22	7.47	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.32	-0.32	0.63	0.00	N/A	ppb
Selenium	78-2	0.01	0.43	-0.44	0.00	N/A	ppb
Selenium	82-1	-0.61	0.58	0.03	0.00	N/A	ppb
Silicon	28-1	2.58	-4.06	-48.13	-16.54		ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	4.33	-1.95	-2.37	0.00	N/A	ppb
Strontium	86-1	0.07	0.03	-0.10	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	31.04	-47.27	-130.52	-48.92		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.01	-0.02	0.00	N/A	ppb
Thallium	205-1	0.01	0.00	-0.01	0.00	N/A	ppb
Tin	118-1	-0.02	0.02	0.00	0.00	N/A	ppb
Titanium	47-1	-0.09	-0.13	0.22	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.03	-0.06	0.09	0.00	N/A	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:13:52	DataFile Name :	005CALB.d

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

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:21:42	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.27	20.97	16.74	18.66	11.47	ppb
Antimony	121-1	1.85	1.94	1.97	1.92	3.05	ppb
Arsenic	75-2	0.98	0.85	0.87	0.90	7.73	ppb
Barium	135-1	9.35	9.60	10.01	9.65	3.42	ppb
Barium	137-1	9.48	10.30	10.14	9.97	4.34	ppb
Beryllium	9-1	0.75	0.90	0.87	0.84	9.42	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	23.40	21.25	22.60	22.42	4.86	ppb
Boron	11-1	21.92	21.66	22.96	22.18	3.10	ppb
Cadmium	111-1	0.80	1.07	0.93	0.93	14.42	ppb
Cadmium	106-1	-0.72	2.42	-0.01	0.56	292.52	ppb
Cadmium	108-1	1.20	0.79	0.47	0.82	44.13	ppb
Calcium	43-1	527.02	501.10	460.52	496.22	6.75	ppb
Calcium	44-1	495.69	503.36	517.27	505.44	2.16	ppb
Chromium	52-2	2.00	1.97	1.83	1.94	4.85	ppb
Cobalt	59-2	1.00	1.03	0.99	1.01	2.31	ppb
Copper	63-2	1.97	2.06	1.87	1.97	4.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	54.57	54.34	54.88	54.60	0.50	ppb
Iron	57-2	52.23	58.29	53.53	54.68	5.84	ppb
Krypton	83-1						cps
Lead	206-1	0.88	0.91	0.83	0.88	4.91	ppb
Lead	207-1	1.02	0.93	0.96	0.97	4.35	ppb
Lead	208-1	0.94	0.92	0.97	0.95	2.80	ppb
Lithium	6-1				101		%
Magnesium	24-2	520.36	537.09	531.83	529.76	1.61	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:21:42	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.09	0.97	1.06	1.04	6.10	ppb
Molybdenum	94-1	4.73	4.81	5.24	4.93	5.49	ppb
Molybdenum	95-1	5.05	5.02	5.06	5.05	0.39	ppb
Molybdenum	96-1	5.27	5.07	4.93	5.09	3.34	ppb
Molybdenum	97-1	5.07	4.84	4.71	4.87	3.80	ppb
Molybdenum	98-1	5.00	5.06	5.31	5.12	3.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	0.96	1.09	1.04	7.15	ppb
Phosphorus	31-2	-16.20	20.25	47.45	17.17	186.03	ppb
Potassium	39-2	535.19	516.64	525.58	525.80	1.76	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	6.41	6.28	3.42	5.37	31.46	ppb
Selenium	78-2	5.45	4.85	4.96	5.09	6.22	ppb
Selenium	82-1	4.17	6.71	5.01	5.29	24.46	ppb
Silicon	28-1	-9.04	29.92	6.86	9.25	211.85	ppb
Silver	109-1	0.97	0.92	0.97	0.95	2.97	ppb
Silver	107-1	0.92	0.93	0.91	0.92	1.07	ppb
Sodium	23-2	513.61	494.69	508.02	505.44	1.92	ppb
Strontium	86-1	0.94	0.64	0.81	0.79	18.82	ppb
Strontium	88-1	0.95	1.04	0.87	0.95	8.74	ppb
Sulfur	34-1	11.78	181.80	129.68	107.75	80.84	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.96	1.05	0.81	0.94	12.83	ppb
Thallium	205-1	0.88	0.89	0.91	0.89	1.65	ppb
Tin	118-1	4.82	4.84	4.71	4.79	1.46	ppb
Titanium	47-1	5.33	4.26	4.45	4.68	12.20	ppb
Uranium	238-1	0.95	0.91	0.86	0.90	4.74	ppb
Vanadium	51-2	5.12	4.91	4.90	4.97	2.47	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	1.92	2.07	1.68	1.89	10.45	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:21:42	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.83	0.94	0.94	0.90	6.99	ppb
Zirconium	91-1	0.79	0.88	1.06	0.91	15.08	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:25:42	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1024.33	1046.18	1063.90	1044.80	1.90	ppb
Antimony	121-1	50.53	51.25	51.64	51.14	1.10	ppb
Arsenic	75-2	51.07	50.97	50.84	50.96	0.23	ppb
Barium	135-1	253.60	258.67	257.79	256.69	1.06	ppb
Barium	137-1	255.36	256.52	254.98	255.62	0.31	ppb
Beryllium	9-1	50.64	49.61	50.41	50.22	1.08	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	50.33	50.38	48.67	49.79	1.96	ppb
Boron	11-1	48.75	49.56	49.41	49.24	0.88	ppb
Cadmium	111-1	49.95	52.59	53.58	52.04	3.60	ppb
Cadmium	106-1	48.99	58.70	55.55	54.41	9.10	ppb
Cadmium	108-1	54.11	52.78	52.72	53.20	1.48	ppb
Calcium	43-1	5252.53	5052.98	5129.57	5145.02	1.96	ppb
Calcium	44-1	5258.55	5245.84	5292.78	5265.72	0.46	ppb
Chromium	52-2	50.73	50.90	50.91	50.85	0.20	ppb
Cobalt	59-2	50.31	51.79	51.36	51.15	1.49	ppb
Copper	63-2	102.00	103.10	103.28	102.79	0.67	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				98		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	2699.53	2727.51	2739.19	2722.08	0.75	ppb
Iron	57-2	2699.08	2681.51	2712.82	2697.80	0.58	ppb
Krypton	83-1						cps
Lead	206-1	49.07	50.11	50.03	49.74	1.17	ppb
Lead	207-1	49.81	49.74	49.94	49.83	0.21	ppb
Lead	208-1	48.85	49.05	49.13	49.01	0.30	ppb
Lithium	6-1				97		%
Magnesium	24-2	5306.73	5352.32	5450.98	5370.01	1.37	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:25:42	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	100.28	100.77	102.99	101.35	1.42	ppb
Molybdenum	94-1	260.99	261.25	259.90	260.71	0.27	ppb
Molybdenum	95-1	257.29	260.97	254.86	257.71	1.19	ppb
Molybdenum	96-1	256.97	258.77	256.16	257.30	0.52	ppb
Molybdenum	97-1	252.23	252.12	249.02	251.12	0.73	ppb
Molybdenum	98-1	257.32	260.60	258.46	258.79	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.30	51.86	51.61	51.59	0.54	ppb
Phosphorus	31-2	1037.83	1007.49	1123.63	1056.32	5.70	ppb
Potassium	39-2	2679.51	2704.29	2726.48	2703.43	0.87	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	77-2	44.66	55.66	42.83	47.71	14.54	ppb
Selenium	78-2	52.23	51.30	54.19	52.57	2.80	ppb
Selenium	82-1	54.16	53.81	54.23	54.07	0.41	ppb
Silicon	28-1	53.68	18.89	73.67	48.75	56.87	ppb
Silver	109-1	51.60	53.27	53.01	52.63	1.71	ppb
Silver	107-1	51.52	52.18	52.70	52.13	1.14	ppb
Sodium	23-2	5247.32	5295.48	5330.61	5291.14	0.79	ppb
Strontium	86-1	50.04	52.94	51.09	51.36	2.86	ppb
Strontium	88-1	51.77	52.06	51.00	51.61	1.06	ppb
Sulfur	34-1	675.27	549.59	1149.07	791.31	39.95	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	49.25	49.25	48.18	48.89	1.27	ppb
Thallium	205-1	50.53	49.44	50.27	50.08	1.14	ppb
Tin	118-1	49.85	50.53	52.07	50.81	2.24	ppb
Titanium	47-1	243.15	245.58	252.37	247.03	1.93	ppb
Uranium	238-1	49.18	49.29	49.51	49.33	0.34	ppb
Vanadium	51-2	49.50	49.67	49.70	49.62	0.22	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	101.29	104.79	104.58	103.55	1.89	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:25:42	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	50.81	50.28	49.89	50.33	0.92	ppb
Zirconium	91-1	49.94	51.24	49.85	50.34	1.55	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:29:41	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2572.56	2690.18	2546.26	2603.00	2.94	ppb
Antimony	121-1	125.73	124.98	127.83	126.18	1.17	ppb
Arsenic	75-2	123.72	124.49	125.73	124.65	0.81	ppb
Barium	135-1	633.88	623.80	647.49	635.06	1.87	ppb
Barium	137-1	634.67	620.79	638.33	631.26	1.47	ppb
Beryllium	9-1	125.71	124.60	125.99	125.43	0.58	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	125.34	119.85	126.18	123.79	2.78	ppb
Boron	11-1	123.19	125.56	125.62	124.79	1.11	ppb
Cadmium	111-1	127.39	125.15	129.56	127.37	1.73	ppb
Cadmium	106-1	131.03	127.71	128.04	128.93	1.42	ppb
Cadmium	108-1	125.14	127.48	128.37	127.00	1.31	ppb
Calcium	43-1	13424.91	12946.55	13018.14	13129.87	1.97	ppb
Calcium	44-1	13248.11	13095.27	12909.78	13084.39	1.29	ppb
Chromium	52-2	128.51	130.07	126.67	128.41	1.33	ppb
Cobalt	59-2	127.55	130.71	127.91	128.72	1.34	ppb
Copper	63-2	258.95	259.71	255.74	258.13	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	6763.85	6736.38	6677.26	6725.83	0.66	ppb
Iron	57-2	6616.35	6853.76	6681.55	6717.22	1.83	ppb
Krypton	83-1						cps
Lead	206-1	124.59	123.54	123.03	123.72	0.64	ppb
Lead	207-1	123.91	122.41	125.14	123.82	1.10	ppb
Lead	208-1	122.42	121.43	121.61	121.82	0.44	ppb
Lithium	6-1				98		%
Magnesium	24-2	13578.03	13832.18	13570.00	13660.07	1.09	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:29:41	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	252.97	260.96	255.04	256.32	1.62	ppb
Molybdenum	94-1	638.91	631.04	642.86	637.60	0.94	ppb
Molybdenum	95-1	632.96	630.03	640.98	634.66	0.89	ppb
Molybdenum	96-1	636.88	629.24	638.99	635.04	0.81	ppb
Molybdenum	97-1	624.36	614.25	617.91	618.84	0.83	ppb
Molybdenum	98-1	636.37	632.85	640.85	636.69	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.75	130.05	130.71	130.17	0.38	ppb
Phosphorus	31-2	2568.98	2569.55	2502.10	2546.88	1.52	ppb
Potassium	39-2	6753.57	6913.30	6822.97	6829.94	1.17	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	106.76	126.36	115.50	116.21	8.45	ppb
Selenium	78-2	124.31	129.48	135.39	129.73	4.27	ppb
Selenium	82-1	127.02	126.11	126.14	126.42	0.41	ppb
Silicon	28-1	123.72	114.42	136.80	124.98	8.99	ppb
Silver	109-1	129.82	126.04	130.67	128.84	1.91	ppb
Silver	107-1	128.40	128.35	130.52	129.09	0.96	ppb
Sodium	23-2	13106.33	13615.50	13281.94	13334.59	1.94	ppb
Strontium	86-1	126.80	123.01	125.65	125.16	1.56	ppb
Strontium	88-1	128.08	125.33	129.68	127.70	1.72	ppb
Sulfur	34-1	2384.22	2098.53	1951.71	2144.82	10.25	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	124.97	119.46	123.59	122.67	2.34	ppb
Thallium	205-1	124.86	123.00	124.53	124.13	0.80	ppb
Tin	118-1	124.45	125.19	127.91	125.85	1.45	ppb
Titanium	47-1	631.89	627.81	627.48	629.06	0.39	ppb
Uranium	238-1	121.22	121.49	122.71	121.81	0.65	ppb
Vanadium	51-2	124.29	126.30	124.20	124.93	0.95	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	256.38	262.72	255.19	258.10	1.57	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:29:41	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	123.90	121.86	125.31	123.69	1.40	ppb
Zirconium	91-1	124.52	123.85	128.39	125.59	1.95	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:33:40	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5270.33	5145.07	5227.12	5214.17	1.22	ppb
Antimony	121-1	260.43	259.71	258.96	259.70	0.28	ppb
Arsenic	75-2	255.83	252.95	251.95	253.58	0.79	ppb
Barium	135-1	1303.87	1294.00	1285.62	1294.50	0.71	ppb
Barium	137-1	1280.76	1295.90	1295.33	1290.67	0.66	ppb
Beryllium	9-1	253.63	251.72	250.75	252.03	0.58	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	244.49	247.59	252.67	248.25	1.66	ppb
Boron	11-1	245.14	253.19	251.63	249.99	1.71	ppb
Cadmium	111-1	260.05	260.80	255.86	258.91	1.03	ppb
Cadmium	106-1	256.60	254.25	255.94	255.60	0.47	ppb
Cadmium	108-1	261.45	256.02	268.19	261.89	2.33	ppb
Calcium	43-1	26280.78	26390.76	26161.58	26277.71	0.44	ppb
Calcium	44-1	26546.78	26239.85	26483.23	26423.29	0.61	ppb
Chromium	52-2	257.57	257.44	259.50	258.17	0.45	ppb
Cobalt	59-2	257.23	254.33	259.40	256.99	0.99	ppb
Copper	63-2	518.83	511.21	516.05	515.36	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	13578.95	13364.94	13649.00	13530.96	1.09	ppb
Iron	57-2	13571.10	13398.69	13561.76	13510.51	0.72	ppb
Krypton	83-1						cps
Lead	206-1	245.59	249.36	248.46	247.80	0.79	ppb
Lead	207-1	246.64	252.97	248.77	249.46	1.29	ppb
Lead	208-1	244.16	249.51	246.34	246.67	1.09	ppb
Lithium	6-1				97		%
Magnesium	24-2	27480.94	26841.84	27216.54	27179.78	1.18	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:33:40	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	512.92	512.02	519.83	514.92	0.83	ppb
Molybdenum	94-1	1301.51	1312.49	1270.20	1294.73	1.70	ppb
Molybdenum	95-1	1280.79	1290.44	1253.10	1274.77	1.52	ppb
Molybdenum	96-1	1277.48	1273.65	1262.67	1271.27	0.60	ppb
Molybdenum	97-1	1251.55	1240.11	1216.75	1236.14	1.43	ppb
Molybdenum	98-1	1294.30	1275.30	1253.45	1274.35	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	256.77	257.20	262.40	258.79	1.21	ppb
Phosphorus	31-2	5024.67	5049.23	4993.20	5022.37	0.56	ppb
Potassium	39-2	13655.48	13505.13	13711.78	13624.13	0.78	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	77-2	243.82	255.82	278.50	259.38	6.79	ppb
Selenium	78-2	258.62	251.80	258.91	256.44	1.57	ppb
Selenium	82-1	256.27	255.53	247.11	252.97	2.01	ppb
Silicon	28-1	286.78	289.38	247.63	274.60	8.52	ppb
Silver	109-1	259.91	259.72	261.23	260.29	0.32	ppb
Silver	107-1	260.17	262.33	261.54	261.35	0.42	ppb
Sodium	23-2	26848.39	26594.45	26148.69	26530.51	1.34	ppb
Strontium	86-1	254.02	256.10	249.44	253.18	1.35	ppb
Strontium	88-1	258.05	256.22	246.47	253.58	2.45	ppb
Sulfur	34-1	5511.96	5550.18	5247.70	5436.61	3.03	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	244.28	248.35	248.35	246.99	0.95	ppb
Thallium	205-1	250.74	253.00	249.75	251.16	0.66	ppb
Tin	118-1	254.85	254.06	256.80	255.24	0.55	ppb
Titanium	47-1	1250.35	1253.78	1250.56	1251.56	0.15	ppb
Uranium	238-1	250.53	249.14	251.40	250.36	0.46	ppb
Vanadium	51-2	254.82	253.36	255.03	254.40	0.36	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	522.76	518.59	523.39	521.58	0.50	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:33:40	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	248.97	250.65	244.90	248.17	1.19	ppb
Zirconium	91-1	251.06	254.20	251.33	252.19	0.69	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:37:33	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10401.89	10147.06	10300.03	10282.99	1.25	ppb
Antimony	121-1	498.71	502.83	494.58	498.71	0.83	ppb
Arsenic	75-2	498.31	501.30	500.14	499.92	0.30	ppb
Barium	135-1	2464.96	2552.46	2505.86	2507.76	1.75	ppb
Barium	137-1	2498.82	2529.24	2514.12	2514.06	0.61	ppb
Beryllium	9-1	502.59	511.41	505.30	506.43	0.89	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	489.71	499.20	490.54	493.15	1.07	ppb
Boron	11-1	489.61	498.15	501.32	496.36	1.22	ppb
Cadmium	111-1	507.48	509.37	499.50	505.45	1.04	ppb
Cadmium	106-1	511.98	503.40	516.05	510.48	1.27	ppb
Cadmium	108-1	507.11	507.87	510.04	508.34	0.30	ppb
Calcium	43-1	51881.45	52362.53	51462.62	51902.20	0.87	ppb
Calcium	44-1	50431.86	52080.49	50953.79	51155.38	1.65	ppb
Chromium	52-2	510.83	502.63	514.14	509.20	1.16	ppb
Cobalt	59-2	510.84	498.80	502.28	503.97	1.23	ppb
Copper	63-2	1022.35	1006.50	1010.27	1013.04	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	26737.71	26238.70	26601.39	26525.94	0.97	ppb
Iron	57-2	26724.95	26357.01	26661.35	26581.10	0.74	ppb
Krypton	83-1						cps
Lead	206-1	497.44	494.10	490.51	494.02	0.70	ppb
Lead	207-1	500.82	494.92	491.90	495.88	0.91	ppb
Lead	208-1	497.38	497.67	491.94	495.66	0.65	ppb
Lithium	6-1				95		%
Magnesium	24-2	54466.22	52135.74	52697.39	53099.79	2.29	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:37:33	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1016.90	997.46	1014.04	1009.47	1.04	ppb
Molybdenum	94-1	2472.77	2583.42	2500.99	2519.06	2.28	ppb
Molybdenum	95-1	2473.83	2567.85	2532.98	2524.89	1.88	ppb
Molybdenum	96-1	2459.78	2569.05	2502.36	2510.40	2.19	ppb
Molybdenum	97-1	2472.60	2535.13	2502.20	2503.31	1.25	ppb
Molybdenum	98-1	2478.63	2556.80	2516.70	2517.38	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.20	506.33	504.74	506.09	0.25	ppb
Phosphorus	31-2	9807.70	9956.41	10160.01	9974.71	1.77	ppb
Potassium	39-2	26761.57	26854.52	26817.89	26811.33	0.17	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	77-2	478.51	493.10	481.69	484.43	1.58	ppb
Selenium	78-2	506.88	506.27	483.81	498.99	2.63	ppb
Selenium	82-1	495.10	503.04	496.27	498.14	0.86	ppb
Silicon	28-1	494.63	482.10	523.52	500.08	4.25	ppb
Silver	109-1	507.88	508.80	497.02	504.57	1.30	ppb
Silver	107-1	513.41	511.57	506.45	510.47	0.71	ppb
Sodium	23-2	52416.02	50926.64	51666.77	51669.81	1.44	ppb
Strontium	86-1	485.11	514.49	493.32	497.64	3.05	ppb
Strontium	88-1	486.13	516.64	488.96	497.24	3.39	ppb
Sulfur	34-1	10372.41	10252.09	10111.92	10245.47	1.27	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	494.82	493.96	490.87	493.22	0.42	ppb
Thallium	205-1	495.89	501.21	497.41	498.17	0.55	ppb
Tin	118-1	499.90	506.69	495.56	500.72	1.12	ppb
Titanium	47-1	2542.14	2490.15	2493.87	2508.72	1.16	ppb
Uranium	238-1	506.00	497.24	496.35	499.86	1.07	ppb
Vanadium	51-2	503.97	492.35	505.46	500.59	1.43	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	1029.99	1008.37	1008.88	1015.75	1.21	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:37:33	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	493.41	512.24	506.44	504.03	1.91	ppb
Zirconium	91-1	485.60	501.43	495.92	494.32	1.63	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:41:22	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20269.20	20130.54	20405.97	20268.57	0.68	ppb
Antimony	121-1	1021.18	992.22	980.65	998.02	2.09	ppb
Arsenic	75-2	993.22	1006.62	997.58	999.14	0.68	ppb
Barium	135-1	5103.15	4934.19	4912.88	4983.40	2.09	ppb
Barium	137-1	5076.66	4961.38	4907.18	4981.74	1.74	ppb
Beryllium	9-1	1013.19	988.06	987.38	996.21	1.48	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	1009.01	1007.43	995.82	1004.09	0.72	ppb
Boron	11-1	1010.48	1013.06	982.33	1001.96	1.70	ppb
Cadmium	111-1	1011.20	989.42	983.34	994.65	1.47	ppb
Cadmium	106-1	1009.41	991.48	977.07	992.65	1.63	ppb
Cadmium	108-1	1014.76	992.42	970.16	992.45	2.25	ppb
Calcium	43-1	106528.35	104424.02	103944.96	104965.78	1.31	ppb
Calcium	44-1	105504.18	102423.10	102569.33	103498.87	1.68	ppb
Chromium	52-2	1002.07	992.32	984.28	992.89	0.90	ppb
Cobalt	59-2	1004.26	988.88	994.09	995.74	0.79	ppb
Copper	63-2	2013.94	1987.97	1963.54	1988.48	1.27	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				102		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	56-2	51907.04	51978.73	53685.26	52523.68	1.92	ppb
Iron	57-2	52296.57	51812.08	53373.79	52494.15	1.52	ppb
Krypton	83-1						cps
Lead	206-1	1031.52	992.60	987.02	1003.72	2.42	ppb
Lead	207-1	1008.71	999.62	998.73	1002.35	0.55	ppb
Lead	208-1	1013.54	997.28	999.53	1003.45	0.88	ppb
Lithium	6-1				96		%
Magnesium	24-2	103136.26	101214.71	101901.80	102084.26	0.95	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:41:22	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2001.25	1961.13	2009.65	1990.68	1.30	ppb
Molybdenum	94-1	5125.61	4859.99	4945.96	4977.18	2.72	ppb
Molybdenum	95-1	5145.66	4815.89	4977.80	4979.78	3.31	ppb
Molybdenum	96-1	5182.43	4810.45	4970.75	4987.88	3.74	ppb
Molybdenum	97-1	5176.68	4849.93	4981.00	5002.53	3.29	ppb
Molybdenum	98-1	5119.35	4830.07	5000.58	4983.33	2.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	995.22	990.23	996.65	994.03	0.34	ppb
Phosphorus	31-2	19947.57	19969.24	20078.33	19998.38	0.35	ppb
Potassium	39-2	51896.62	51668.26	52942.73	52169.20	1.30	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Selenium	77-2	974.98	1021.37	1023.61	1006.65	2.73	ppb
Selenium	78-2	983.62	1019.10	991.81	998.18	1.86	ppb
Selenium	82-1	1032.49	972.96	993.97	999.81	3.02	ppb
Silicon	28-1	1023.18	986.74	971.73	993.88	2.66	ppb
Silver	109-1	992.00	1003.68	987.92	994.53	0.82	ppb
Silver	107-1	1004.57	989.22	980.14	991.31	1.25	ppb
Sodium	23-2	103759.77	103013.65	101325.65	102699.69	1.21	ppb
Strontium	86-1	1026.39	976.07	998.43	1000.30	2.52	ppb
Strontium	88-1	1024.42	983.17	992.60	1000.07	2.16	ppb
Sulfur	34-1	20410.79	19784.02	19274.01	19822.94	2.87	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	1022.16	983.14	1008.16	1004.49	1.97	ppb
Thallium	205-1	1016.85	999.25	986.09	1000.73	1.54	ppb
Tin	118-1	1015.98	994.70	983.88	998.19	1.64	ppb
Titanium	47-1	5039.90	5063.09	4881.72	4994.90	1.98	ppb
Uranium	238-1	1012.88	1001.66	986.69	1000.41	1.31	ppb
Vanadium	51-2	1004.97	992.98	997.94	998.63	0.60	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	2000.73	1968.56	1987.34	1985.54	0.81	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:41:22	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1028.51	968.39	998.86	998.59	3.01	ppb
Zirconium	91-1	1034.85	979.40	992.35	1002.20	2.89	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:45:08	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99969.89	96784.98	102957.89	99904.26	3.09	ppb
Antimony	121-1	1.15	1.11	1.06	1.10	4.23	ppb
Arsenic	75-2	1.29	1.50	1.38	1.39	7.50	ppb
Barium	135-1	0.67	0.76	0.79	0.74	8.45	ppb
Barium	137-1	0.66	0.59	0.73	0.66	10.87	ppb
Beryllium	9-1	0.24	0.13	0.11	0.16	45.83	ppb
Bismuth	209-1				90		%
Bismuth	209-2				89		%
Boron	10-1	18.24	18.09	17.22	17.85	3.09	ppb
Boron	11-1	18.11	17.82	17.18	17.70	2.70	ppb
Cadmium	111-1	0.15	0.15	0.07	0.13	35.53	ppb
Cadmium	106-1	0.58	0.71	-0.67	0.21	366.21	ppb
Cadmium	108-1	0.00	0.08	0.09	0.06	81.90	ppb
Calcium	43-1	508091.30	487789.18	500326.15	498735.55	2.05	ppb
Calcium	44-1	506658.20	495053.79	495576.76	499096.25	1.31	ppb
Chromium	52-2	7.41	6.91	7.26	7.19	3.59	ppb
Cobalt	59-2	11.39	11.13	11.52	11.35	1.76	ppb
Copper	63-2	2.51	2.43	2.57	2.50	2.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				95		%
Indium	115-1				90		%
Indium	115-2				94		%
Iron	56-2	252577.74	244431.72	250821.56	249277.01	1.72	ppb
Iron	57-2	254823.11	245100.90	247912.61	249278.87	2.01	ppb
Krypton	83-1						cps
Lead	206-1	1.54	1.48	1.38	1.46	5.54	ppb
Lead	207-1	1.56	1.54	1.47	1.52	2.90	ppb
Lead	208-1	1.55	1.46	1.41	1.47	4.94	ppb
Lithium	6-1				98		%
Magnesium	24-2	501933.73	489125.59	506335.03	499131.45	1.79	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:45:08	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.55	7.22	7.31	7.36	2.28	ppb
Molybdenum	94-1	2.07	1.63	1.90	1.87	11.71	ppb
Molybdenum	95-1	2.07	2.15	2.20	2.14	2.99	ppb
Molybdenum	96-1	2.52	2.24	2.50	2.42	6.45	ppb
Molybdenum	97-1	2.05	1.92	2.30	2.09	9.17	ppb
Molybdenum	98-1	2.04	1.91	2.17	2.04	6.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.99	11.98	12.42	12.13	2.07	ppb
Phosphorus	31-2	51.12	-3.04	23.32	23.80	113.80	ppb
Potassium	39-2	252416.74	244251.06	251268.91	249312.24	1.77	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	1.63	-0.32	0.66	0.66	147.58	ppb
Selenium	78-2	-0.47	1.64	0.27	0.48	223.51	ppb
Selenium	82-1	0.51	-0.97	-0.68	-0.38		ppb
Silicon	28-1	-0.32	-30.63	13.43	-5.84		ppb
Silver	109-1	1.16	1.10	1.47	1.24	15.75	ppb
Silver	107-1	1.02	1.09	1.63	1.25	26.88	ppb
Sodium	23-2	498968.78	488515.55	510093.98	499192.77	2.16	ppb
Strontium	86-1	4.01	3.83	4.25	4.03	5.34	ppb
Strontium	88-1	4.06	4.12	4.22	4.13	1.98	ppb
Sulfur	34-1	147.44	-198.92	363.77	104.10	272.66	ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	0.17	0.15	0.19	0.17	11.97	ppb
Thallium	205-1	0.19	0.21	0.17	0.19	11.51	ppb
Tin	118-1	0.60	0.65	0.67	0.64	5.94	ppb
Titanium	47-1	0.11	0.86	1.38	0.78	82.02	ppb
Uranium	238-1	0.06	0.06	0.05	0.06	13.08	ppb
Vanadium	51-2	0.17	0.21	0.13	0.17	20.95	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	17.71	18.85	18.05	18.20	3.23	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:45:08	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.20	0.19	0.17	0.19	6.75	ppb
Zirconium	91-1	0.22	0.23	0.25	0.23	6.98	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:54:07	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	467.87	453.92	447.94	456.58	2.24	ppb
Antimony	121-1	188.56	189.73	187.09	188.46	0.70	ppb
Arsenic	75-2	183.26	184.66	183.74	183.88	0.39	ppb
Barium	135-1	96.27	93.69	93.26	94.41	1.72	ppb
Barium	137-1	94.95	95.54	94.60	95.03	0.50	ppb
Beryllium	9-1	83.95	84.77	85.26	84.66	0.78	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	500.53	490.25	508.68	499.82	1.85	ppb
Boron	11-1	500.10	503.48	508.22	503.93	0.81	ppb
Cadmium	111-1	99.10	97.51	96.92	97.84	1.15	ppb
Cadmium	106-1	153.09	155.83	152.77	153.90	1.09	ppb
Cadmium	108-1	130.01	131.62	134.92	132.18	1.90	ppb
Calcium	43-1	2171.10	2163.52	2142.82	2159.15	0.68	ppb
Calcium	44-1	2090.82	2069.38	2073.49	2077.90	0.55	ppb
Chromium	52-2	93.00	94.27	94.12	93.79	0.74	ppb
Cobalt	59-2	96.59	97.21	97.33	97.04	0.41	ppb
Copper	63-2	96.00	97.74	97.58	97.11	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	997.46	997.81	1002.62	999.30	0.29	ppb
Iron	57-2	977.31	992.81	1021.95	997.35	2.27	ppb
Krypton	83-1						cps
Lead	206-1	190.71	190.89	191.46	191.02	0.21	ppb
Lead	207-1	183.31	184.79	182.39	183.50	0.66	ppb
Lead	208-1	185.23	185.69	183.87	184.93	0.51	ppb
Lithium	6-1				108		%
Magnesium	24-2	1241.59	1209.01	1249.34	1233.31	1.73	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:54:07	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	90.99	92.14	91.46	91.53	0.63	ppb
Molybdenum	94-1	2468.55	2513.42	2420.30	2467.42	1.89	ppb
Molybdenum	95-1	2427.23	2464.07	2437.17	2442.82	0.78	ppb
Molybdenum	96-1	2466.74	2423.34	2425.34	2438.47	1.00	ppb
Molybdenum	97-1	2496.88	2462.20	2457.68	2472.25	0.87	ppb
Molybdenum	98-1	2456.27	2459.05	2449.56	2454.96	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.19	101.41	98.82	99.47	1.72	ppb
Phosphorus	31-2	-31.27	56.04	-49.45	-8.23		ppb
Potassium	39-2	1984.17	1991.03	1963.33	1979.51	0.73	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	175.50	177.71	180.71	177.97	1.47	ppb
Selenium	78-2	181.20	181.63	176.40	179.74	1.62	ppb
Selenium	82-1	192.53	190.35	190.37	191.09	0.66	ppb
Silicon	28-1	456.22	463.16	466.51	461.96	1.14	ppb
Silver	109-1	96.98	97.31	96.74	97.01	0.30	ppb
Silver	107-1	97.88	97.18	96.09	97.05	0.93	ppb
Sodium	23-2	2022.45	2019.35	2058.39	2033.40	1.07	ppb
Strontium	86-1	522.48	519.27	506.22	515.99	1.67	ppb
Strontium	88-1	517.90	522.05	516.87	518.94	0.53	ppb
Sulfur	34-1	-754.99	-933.59	-811.38	-833.32		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	188.72	188.22	190.55	189.16	0.65	ppb
Thallium	205-1	189.56	192.30	191.45	191.11	0.73	ppb
Tin	118-1	495.43	497.37	494.39	495.73	0.31	ppb
Titanium	47-1	2347.92	2356.17	2366.16	2356.75	0.39	ppb
Uranium	238-1	578.21	578.01	572.91	576.38	0.52	ppb
Vanadium	51-2	91.21	91.33	93.22	91.92	1.22	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	192.74	195.70	193.14	193.86	0.83	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:54:07	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	488.45	475.87	488.69	484.34	1.51	ppb
Zirconium	91-1	486.06	487.05	484.40	485.84	0.28	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:04:33	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.04	1.18	0.27	0.47	136.01	ppb
Antimony	121-1	0.03	0.04	0.03	0.03	18.90	ppb
Arsenic	75-2	0.02	0.00	0.01	0.01	104.14	ppb
Barium	135-1	-0.01	0.01	0.01	0.00	198.04	ppb
Barium	137-1	0.03	0.03	0.03	0.03	16.70	ppb
Beryllium	9-1	0.06	-0.01	0.06	0.04	113.18	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	3.84	3.29	3.41	3.51	8.33	ppb
Boron	11-1	2.96	2.87	3.09	2.97	3.60	ppb
Cadmium	111-1	0.02	-0.01	-0.07	-0.02		ppb
Cadmium	106-1	0.25	-0.02	-1.06	-0.28		ppb
Cadmium	108-1	-0.08	0.00	-0.08	-0.05		ppb
Calcium	43-1	-7.05	-11.02	11.56	-2.17		ppb
Calcium	44-1	-0.26	-7.68	2.28	-1.89		ppb
Chromium	52-2	-0.01	-0.02	0.00	-0.01		ppb
Cobalt	59-2	-0.03	-0.03	-0.01	-0.02		ppb
Copper	63-2	0.07	0.10	-0.01	0.05	107.14	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				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	0.20	0.31	0.14	0.22	38.87	ppb
Iron	57-2	-0.44	0.47	0.25	0.09	511.74	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	-0.02	0.05	0.01	481.38	ppb
Lead	207-1	0.00	-0.01	0.00	0.00		ppb
Lead	208-1	0.01	-0.01	0.02	0.01	209.57	ppb
Lithium	6-1				108		%
Magnesium	24-2	2.04	2.41	2.78	2.41	15.46	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:04:33	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	-0.01	-0.03	-0.02		ppb
Molybdenum	94-1	0.08	0.06	0.02	0.05	59.77	ppb
Molybdenum	95-1	0.09	0.02	0.05	0.05	66.67	ppb
Molybdenum	96-1	0.06	0.00	0.06	0.04	76.79	ppb
Molybdenum	97-1	0.03	0.03	0.03	0.03	16.76	ppb
Molybdenum	98-1	0.01	0.03	0.01	0.02	71.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.03	-0.03	0.01	363.19	ppb
Phosphorus	31-2	-21.04	-94.06	-17.53	-44.21		ppb
Potassium	39-2	-9.13	7.53	-0.22	-0.61		ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	-0.32	-0.32	-0.32	-0.32		ppb
Selenium	78-2	-0.46	-0.08	0.24	-0.10		ppb
Selenium	82-1	0.49	-1.49	0.52	-0.16		ppb
Silicon	28-1	-39.27	-52.93	-27.29	-39.83		ppb
Silver	109-1	0.05	0.05	0.04	0.05	14.23	ppb
Silver	107-1	0.07	0.04	0.03	0.05	37.65	ppb
Sodium	23-2	15.40	14.86	11.21	13.82	16.51	ppb
Strontium	86-1	0.05	-0.14	-0.05	-0.05		ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	-690.42	-795.84	-363.72	-616.66		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.01	0.00	0.00	0.00	156.30	ppb
Tin	118-1	0.07	0.04	0.06	0.06	29.52	ppb
Titanium	47-1	-0.50	-0.29	-0.40	-0.40		ppb
Uranium	238-1	0.01	0.00	0.00	0.00	93.06	ppb
Vanadium	51-2	0.00	-0.01	-0.02	-0.01		ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	-0.03	-0.03	0.04	-0.01		ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:04:33	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.00	0.01	49.27	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	46.71	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:08:14	DataFile Name :	017ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86048.57	87553.75	87537.12	87046.48	0.99	ppb
Antimony	121-1	1.05	1.15	1.07	1.09	4.57	ppb
Arsenic	75-2	0.25	0.33	0.30	0.29	13.87	ppb
Barium	135-1	1.79	1.58	1.33	1.57	14.52	ppb
Barium	137-1	1.37	1.49	1.32	1.39	6.34	ppb
Beryllium	9-1	0.33	0.24	0.28	0.28	17.22	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	4.14	3.72	3.03	3.63	15.47	ppb
Boron	11-1	3.86	3.25	3.82	3.64	9.33	ppb
Cadmium	111-1	0.20	0.14	0.24	0.19	26.91	ppb
Cadmium	106-1	-1.23	-2.06	-1.48	-1.59		ppb
Cadmium	108-1	10.48	9.62	9.13	9.74	6.98	ppb
Calcium	43-1	101788.20	99389.23	102260.38	101145.94	1.52	ppb
Calcium	44-1	100668.52	98058.05	101807.24	100177.94	1.92	ppb
Chromium	52-2	19.73	19.92	20.52	20.06	2.07	ppb
Cobalt	59-2	1.16	1.14	1.20	1.17	2.64	ppb
Copper	63-2	7.94	7.81	8.00	7.92	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	102037.37	104026.98	104822.00	103628.78	1.38	ppb
Iron	57-2	103014.88	108538.48	108161.25	106571.54	2.90	ppb
Krypton	83-1						cps
Lead	206-1	4.53	4.53	4.67	4.57	1.74	ppb
Lead	207-1	3.90	3.85	3.64	3.80	3.62	ppb
Lead	208-1	4.16	4.09	4.04	4.10	1.48	ppb
Lithium	6-1				100		%
Magnesium	24-2	97263.95	101077.57	100679.98	99673.83	2.10	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:08:14	DataFile Name :	017ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.67	7.74	7.84	7.75	1.14	ppb
Molybdenum	94-1	1324.16	1359.21	1370.98	1351.45	1.80	ppb
Molybdenum	95-1	1934.87	1932.58	1885.52	1917.66	1.45	ppb
Molybdenum	96-1	1863.84	1852.64	1825.95	1847.48	1.05	ppb
Molybdenum	97-1	1888.32	1889.48	1894.42	1890.74	0.17	ppb
Molybdenum	98-1	1930.10	1946.91	1905.37	1927.46	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.11	5.68	5.46	5.42	5.30	ppb
Phosphorus	31-2	91394.74	91603.22	91988.04	91662.00	0.33	ppb
Potassium	39-2	98746.68	98472.45	97077.60	98098.91	0.91	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	77-2	-0.32	-0.32	-0.32	-0.32		ppb
Selenium	78-2	-0.25	-0.39	-0.38	-0.34		ppb
Selenium	82-1	-0.49	0.95	0.01	0.16	462.90	ppb
Silicon	28-1	-41.88	-75.46	-42.19	-53.18		ppb
Silver	109-1	0.04	0.06	0.06	0.06	23.88	ppb
Silver	107-1	0.06	0.08	0.11	0.09	29.76	ppb
Sodium	23-2	97432.55	96725.17	97308.52	97155.41	0.39	ppb
Strontium	86-1	32.49	33.95	33.16	33.20	2.20	ppb
Strontium	88-1	34.26	34.09	34.05	34.13	0.32	ppb
Sulfur	34-1	84582.17	77904.87	79292.43	80593.16	4.37	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.24	0.23	0.16	0.21	21.22	ppb
Titanium	47-1	1941.49	1894.94	1953.98	1930.14	1.61	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	36.23	ppb
Vanadium	51-2	0.12	0.14	0.16	0.14	12.07	ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	12.89	12.28	13.60	12.92	5.14	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:08:14	DataFile Name :	017ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.04	0.03	0.03	43.46	ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	68.53	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:11:50	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87791.21	93949.70	85557.81	89099.57	4.88	ppb
Antimony	121-1	20.08	19.55	19.08	19.57	2.55	ppb
Arsenic	75-2	19.53	20.14	18.85	19.51	3.31	ppb
Barium	135-1	21.43	19.89	20.05	20.45	4.14	ppb
Barium	137-1	20.98	19.96	19.56	20.17	3.62	ppb
Beryllium	9-1	19.15	17.33	18.39	18.29	5.00	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	53.33	49.19	48.45	50.32	5.23	ppb
Boron	11-1	53.40	54.72	51.61	53.24	2.93	ppb
Cadmium	111-1	19.10	19.08	18.40	18.86	2.10	ppb
Cadmium	106-1	24.36	20.40	20.38	21.72	10.55	ppb
Cadmium	108-1	31.44	28.06	25.49	28.33	10.53	ppb
Calcium	43-1	103605.28	98784.44	95825.05	99404.92	3.95	ppb
Calcium	44-1	101863.47	98460.06	94464.92	98262.82	3.77	ppb
Chromium	52-2	40.89	43.30	40.36	41.52	3.77	ppb
Cobalt	59-2	22.18	23.59	22.13	22.63	3.66	ppb
Copper	63-2	29.26	31.04	29.77	30.03	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				109		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				95		%
Iron	56-2	106164.65	110411.96	103268.72	106615.11	3.37	ppb
Iron	57-2	107202.92	113063.34	107254.15	109173.47	3.09	ppb
Krypton	83-1						cps
Lead	206-1	24.55	24.02	22.65	23.74	4.11	ppb
Lead	207-1	22.91	22.05	20.92	21.96	4.53	ppb
Lead	208-1	22.91	22.71	21.36	22.33	3.77	ppb
Lithium	6-1				97		%
Magnesium	24-2	98163.07	105724.15	98805.43	100897.55	4.15	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:11:50	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.51	28.97	27.74	28.07	2.79	ppb
Molybdenum	94-1	1463.38	1425.87	1371.12	1420.12	3.27	ppb
Molybdenum	95-1	1945.77	1957.86	1872.52	1925.38	2.40	ppb
Molybdenum	96-1	1892.30	1868.66	1784.56	1848.50	3.06	ppb
Molybdenum	97-1	1942.83	1920.29	1863.25	1908.79	2.15	ppb
Molybdenum	98-1	1960.57	1928.08	1891.88	1926.84	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.57	27.85	26.58	27.00	2.74	ppb
Phosphorus	31-2	92113.92	98555.17	92715.66	94461.59	3.77	ppb
Potassium	39-2	101373.51	104453.67	97271.08	101032.75	3.57	ppb
Rhodium	103-1				102		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				92		%
Selenium	77-2	20.11	19.96	21.88	20.65	5.16	ppb
Selenium	78-2	18.13	17.89	18.05	18.02	0.68	ppb
Selenium	82-1	18.02	19.05	16.76	17.94	6.41	ppb
Silicon	28-1	10.42	-9.89	-97.45	-32.31		ppb
Silver	109-1	17.95	17.51	16.92	17.46	2.96	ppb
Silver	107-1	18.45	17.57	17.09	17.71	3.89	ppb
Sodium	23-2	99612.01	106189.49	95743.49	100515.00	5.25	ppb
Strontium	86-1	93.74	93.91	88.33	91.99	3.45	ppb
Strontium	88-1	96.91	94.61	91.12	94.21	3.10	ppb
Sulfur	34-1	80597.67	77345.57	73146.63	77029.95	4.85	ppb
Terbium	159-1				110		%
Terbium	159-2				102		%
Thallium	203-1	19.58	19.24	18.75	19.19	2.19	ppb
Thallium	205-1	19.97	19.73	18.57	19.42	3.84	ppb
Tin	118-1	50.26	48.35	46.33	48.31	4.07	ppb
Titanium	47-1	2032.64	1964.04	1887.44	1961.38	3.70	ppb
Uranium	238-1	52.36	51.87	47.95	50.73	4.76	ppb
Vanadium	51-2	19.52	20.91	20.24	20.22	3.44	ppb
Yttrium	89-1				106		%
Yttrium	89-2				97		%
Zinc	66-2	33.14	37.00	35.28	35.14	5.50	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:11:50	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	50.41	49.49	47.55	49.15	2.97	ppb
Zirconium	91-1	49.54	51.62	49.17	50.11	2.63	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:15:26	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52464.13	54532.52	53145.83	53380.83	1.97	ppb
Antimony	121-1	535.50	504.77	514.60	518.29	3.03	ppb
Arsenic	75-2	491.74	493.48	494.36	493.19	0.27	ppb
Barium	135-1	2680.23	2532.58	2463.52	2558.78	4.33	ppb
Barium	137-1	2654.09	2575.17	2492.31	2573.85	3.14	ppb
Beryllium	9-1	499.91	492.53	477.73	490.06	2.30	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	492.71	477.75	484.20	484.89	1.55	ppb
Boron	11-1	496.77	491.90	486.05	491.57	1.09	ppb
Cadmium	111-1	515.96	502.26	493.33	503.85	2.26	ppb
Cadmium	106-1	508.63	502.44	499.17	503.42	0.95	ppb
Cadmium	108-1	514.55	480.93	484.65	493.38	3.74	ppb
Calcium	43-1	265418.40	246536.16	241713.46	251222.67	4.99	ppb
Calcium	44-1	259337.02	243807.99	242974.10	248706.37	3.71	ppb
Chromium	52-2	506.67	515.63	515.96	512.75	1.03	ppb
Cobalt	59-2	505.27	515.40	513.72	511.47	1.06	ppb
Copper	63-2	1001.27	1013.24	1011.59	1008.70	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				101		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	126963.29	130241.98	130574.85	129260.04	1.54	ppb
Iron	57-2	129284.88	129079.02	131508.89	129957.60	1.04	ppb
Krypton	83-1						cps
Lead	206-1	530.00	502.08	494.58	508.88	3.67	ppb
Lead	207-1	531.85	502.35	500.79	511.66	3.42	ppb
Lead	208-1	530.37	506.64	501.13	512.71	3.03	ppb
Lithium	6-1				95		%
Magnesium	24-2	241600.96	249842.08	245865.70	245769.58	1.68	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:15:26	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1009.17	1008.51	1017.23	1011.64	0.48	ppb
Molybdenum	94-1	2800.27	2544.01	2573.49	2639.26	5.31	ppb
Molybdenum	95-1	2733.35	2538.81	2513.03	2595.07	4.64	ppb
Molybdenum	96-1	2742.83	2495.02	2483.87	2573.91	5.69	ppb
Molybdenum	97-1	2792.11	2470.81	2489.82	2584.25	6.98	ppb
Molybdenum	98-1	2747.58	2535.04	2593.67	2625.43	4.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.23	511.64	512.47	511.44	0.22	ppb
Phosphorus	31-2	9763.41	9764.53	9876.12	9801.36	0.66	ppb
Potassium	39-2	126250.60	126926.13	128519.32	127232.02	0.92	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	472.41	466.50	470.52	469.81	0.64	ppb
Selenium	78-2	486.31	498.56	498.87	494.58	1.45	ppb
Selenium	82-1	529.10	498.99	494.71	507.60	3.69	ppb
Silicon	28-1	513.61	458.87	434.52	469.00	8.64	ppb
Silver	109-1	515.46	493.83	495.24	501.51	2.41	ppb
Silver	107-1	514.50	495.06	498.27	502.61	2.07	ppb
Sodium	23-2	238985.80	244461.76	243511.50	242319.69	1.21	ppb
Strontium	86-1	535.65	503.02	500.54	513.07	3.82	ppb
Strontium	88-1	540.65	504.75	498.14	514.51	4.45	ppb
Sulfur	34-1	9256.27	7725.05	7553.24	8178.19	11.46	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	533.36	501.33	500.14	511.61	3.68	ppb
Thallium	205-1	541.30	505.91	507.82	518.34	3.84	ppb
Tin	118-1	529.31	502.49	505.15	512.32	2.88	ppb
Titanium	47-1	2643.97	2522.69	2496.77	2554.48	3.08	ppb
Uranium	238-1	548.13	528.34	522.40	532.96	2.53	ppb
Vanadium	51-2	506.53	508.86	511.63	509.00	0.50	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	1006.07	1009.86	1022.70	1012.88	0.86	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:15:26	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	546.59	504.68	505.53	518.93	4.62	ppb
Zirconium	91-1	548.22	502.16	504.57	518.32	5.00	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:19:09	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.25	18.01	23.99	22.75	18.72	ppb
Antimony	121-1	1.95	2.02	1.93	1.97	2.38	ppb
Arsenic	75-2	0.86	0.95	0.91	0.91	5.28	ppb
Barium	135-1	9.74	10.02	9.52	9.76	2.55	ppb
Barium	137-1	9.22	9.84	9.33	9.47	3.50	ppb
Beryllium	9-1	1.09	1.13	0.94	1.05	9.76	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	26.75	27.26	29.91	27.97	6.06	ppb
Boron	11-1	28.16	28.64	28.66	28.49	0.99	ppb
Cadmium	111-1	1.01	1.01	1.01	1.01	0.34	ppb
Cadmium	106-1	1.63	1.26	1.66	1.52	14.78	ppb
Cadmium	108-1	0.70	0.87	1.01	0.86	18.31	ppb
Calcium	43-1	447.18	513.97	518.91	493.35	8.12	ppb
Calcium	44-1	495.69	479.95	482.72	486.12	1.73	ppb
Chromium	52-2	1.97	1.96	2.04	1.99	2.23	ppb
Cobalt	59-2	1.03	0.87	0.91	0.94	8.86	ppb
Copper	63-2	2.15	2.05	2.06	2.09	2.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	56.66	54.55	53.36	54.86	3.04	ppb
Iron	57-2	59.25	53.84	54.94	56.01	5.11	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.93	0.99	0.94	4.68	ppb
Lead	207-1	1.04	1.02	0.84	0.96	11.67	ppb
Lead	208-1	1.01	0.99	0.98	0.99	1.62	ppb
Lithium	6-1				98		%
Magnesium	24-2	501.27	505.34	497.27	501.29	0.81	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:19:09	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.07	1.10	0.91	1.03	9.74	ppb
Molybdenum	94-1	4.85	5.04	5.39	5.09	5.39	ppb
Molybdenum	95-1	4.78	5.19	5.26	5.08	5.06	ppb
Molybdenum	96-1	4.83	5.05	5.26	5.04	4.24	ppb
Molybdenum	97-1	4.88	5.17	4.96	5.00	3.01	ppb
Molybdenum	98-1	5.05	4.99	5.30	5.11	3.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.21	1.56	1.32	3.03	90.91	ppb
Phosphorus	31-2	-15.44	18.37	6.38	3.10	552.35	ppb
Potassium	39-2	513.25	512.99	501.97	509.40	1.26	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	77-2	3.42	2.45	2.45	2.78	20.16	ppb
Selenium	78-2	3.76	5.38	5.12	4.75	18.35	ppb
Selenium	82-1	5.65	4.15	5.99	5.26	18.53	ppb
Silicon	28-1	-55.09	-10.37	-52.03	-39.16		ppb
Silver	109-1	1.19	1.20	1.06	1.15	6.48	ppb
Silver	107-1	1.16	1.25	1.16	1.19	4.67	ppb
Sodium	23-2	600.21	592.40	580.81	591.14	1.65	ppb
Strontium	86-1	0.82	1.05	0.88	0.92	12.55	ppb
Strontium	88-1	0.93	1.01	0.99	0.98	4.51	ppb
Sulfur	34-1	-1632.55	-1510.34	-1937.64	-1693.51		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.91	0.93	0.97	0.93	3.26	ppb
Thallium	205-1	0.95	0.95	0.96	0.95	0.55	ppb
Tin	118-1	4.88	4.98	5.22	5.03	3.55	ppb
Titanium	47-1	4.31	4.89	4.62	4.61	6.25	ppb
Uranium	238-1	0.91	0.88	0.89	0.90	1.63	ppb
Vanadium	51-2	5.22	4.99	5.07	5.09	2.32	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	15.21	3.21	2.45	6.96	102.90	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:19:09	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.90	0.91	0.97	0.93	3.98	ppb
Zirconium	91-1	0.95	0.82	0.83	0.87	8.42	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:26:24	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.54	1.40	0.64	1.19	40.78	ppb
Antimony	121-1	0.02	0.03	0.02	0.02	12.63	ppb
Arsenic	75-2	0.00	0.02	0.01	0.01	106.87	ppb
Barium	135-1	-0.02	0.06	0.01	0.02	236.90	ppb
Barium	137-1	0.02	0.03	0.00	0.02	77.35	ppb
Beryllium	9-1	0.01	0.03	0.06	0.03	81.58	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	4.43	4.15	3.79	4.12	7.71	ppb
Boron	11-1	3.72	3.21	3.15	3.36	9.25	ppb
Cadmium	111-1	0.02	-0.02	-0.14	-0.05		ppb
Cadmium	106-1	0.16	-0.19	-2.02	-0.68		ppb
Cadmium	108-1	0.00	0.15	0.00	0.05	186.41	ppb
Calcium	43-1	-13.86	-13.25	-9.43	-12.18		ppb
Calcium	44-1	-9.57	-9.80	1.24	-6.04		ppb
Chromium	52-2	-0.01	0.18	-0.02	0.05	213.58	ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.02		ppb
Copper	63-2	0.01	0.02	-0.07	-0.01		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				103		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	0.43	0.71	0.65	0.59	24.56	ppb
Iron	57-2	0.05	0.19	1.71	0.65	141.56	ppb
Krypton	83-1						cps
Lead	206-1	-0.07	-0.05	-0.08	-0.07		ppb
Lead	207-1	-0.01	-0.05	0.00	-0.02		ppb
Lead	208-1	-0.03	-0.04	-0.01	-0.03		ppb
Lithium	6-1				101		%
Magnesium	24-2	3.58	3.55	2.87	3.33	12.04	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:26:24	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.00	0.01	0.00		ppb
Molybdenum	94-1	0.01	-0.02	-0.02	-0.01		ppb
Molybdenum	95-1	0.01	0.02	0.02	0.01	52.31	ppb
Molybdenum	96-1	0.03	-0.01	0.01	0.01	169.46	ppb
Molybdenum	97-1	0.09	-0.01	-0.02	0.02	321.50	ppb
Molybdenum	98-1	0.02	0.00	-0.01	0.00	402.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.05	0.02	0.04	39.06	ppb
Phosphorus	31-2	-72.53	15.66	-40.44	-32.43		ppb
Potassium	39-2	2.93	17.34	1.89	7.39	116.91	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	-0.32	-0.32	-0.32	-0.32		ppb
Selenium	78-2	-0.12	1.26	-0.64	0.17	578.03	ppb
Selenium	82-1	0.41	-1.22	0.53	-0.10		ppb
Silicon	28-1	-116.81	-90.43	-50.71	-85.99		ppb
Silver	109-1	0.04	0.06	0.06	0.05	22.08	ppb
Silver	107-1	0.04	0.04	0.05	0.04	18.32	ppb
Sodium	23-2	46.46	56.70	51.12	51.43	9.97	ppb
Strontium	86-1	-0.05	-0.03	-0.17	-0.08		ppb
Strontium	88-1	-0.01	0.00	-0.01	-0.01		ppb
Sulfur	34-1	-1945.76	-1778.39	-1310.42	-1678.19		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.02	-0.01	-0.01		ppb
Thallium	205-1	0.01	-0.01	-0.01	0.00		ppb
Tin	118-1	0.02	0.01	0.01	0.01	57.56	ppb
Titanium	47-1	-0.25	-0.08	-0.18	-0.17		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	-0.05	0.01	-0.03	-0.02		ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:26:24	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.03	0.00	0.00	-0.01		ppb
Zirconium	91-1	0.03	0.02	0.00	0.01	115.05	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:30:05	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.87	23.08	19.24	22.40	12.86	ppb
Antimony	121-1	1.74	1.79	1.83	1.79	2.48	ppb
Arsenic	75-2	0.76	0.79	0.91	0.82	9.48	ppb
Barium	135-1	9.50	9.05	9.96	9.51	4.78	ppb
Barium	137-1	9.32	9.05	9.70	9.36	3.48	ppb
Beryllium	9-1	0.75	0.87	0.76	0.79	8.88	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	21.85	24.89	24.00	23.58	6.62	ppb
Boron	11-1	22.99	22.24	25.32	23.52	6.83	ppb
Cadmium	111-1	0.87	0.94	1.16	0.99	15.18	ppb
Cadmium	106-1	0.53	0.87	2.59	1.33	83.14	ppb
Cadmium	108-1	0.60	0.83	0.79	0.74	16.53	ppb
Calcium	43-1	474.80	451.99	494.20	473.66	4.46	ppb
Calcium	44-1	486.57	469.16	509.56	488.43	4.15	ppb
Chromium	52-2	2.01	1.92	1.98	1.97	2.10	ppb
Cobalt	59-2	1.00	0.97	1.01	0.99	2.41	ppb
Copper	63-2	2.09	2.02	1.89	2.00	4.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	55.56	54.45	53.69	54.57	1.72	ppb
Iron	57-2	54.08	56.60	50.71	53.80	5.49	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.86	0.92	0.90	4.09	ppb
Lead	207-1	0.87	0.87	0.88	0.87	0.81	ppb
Lead	208-1	0.89	0.90	0.90	0.90	0.31	ppb
Lithium	6-1				101		%
Magnesium	24-2	511.58	518.60	502.64	510.94	1.56	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:30:05	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.95	1.05	0.92	0.97	6.81	ppb
Molybdenum	94-1	4.96	5.15	5.16	5.09	2.24	ppb
Molybdenum	95-1	5.22	5.08	4.73	5.01	5.07	ppb
Molybdenum	96-1	5.25	4.71	4.51	4.82	7.88	ppb
Molybdenum	97-1	4.98	4.95	4.61	4.85	4.21	ppb
Molybdenum	98-1	4.91	4.77	4.93	4.87	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.21	1.04	1.11	1.12	7.38	ppb
Phosphorus	31-2	31.41	-1.03	54.71	28.36	98.70	ppb
Potassium	39-2	528.18	492.83	486.59	502.53	4.46	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	3.40	1.54	0.61	1.85	76.99	ppb
Selenium	78-2	4.57	4.20	3.16	3.98	18.38	ppb
Selenium	82-1	3.67	3.97	5.06	4.24	17.32	ppb
Silicon	28-1	-71.50	-120.52	-28.88	-73.63		ppb
Silver	109-1	1.02	1.05	1.13	1.06	5.22	ppb
Silver	107-1	1.11	1.02	0.95	1.03	7.80	ppb
Sodium	23-2	527.92	515.69	509.19	517.60	1.84	ppb
Strontium	86-1	0.92	0.88	1.01	0.94	7.00	ppb
Strontium	88-1	0.92	0.97	0.96	0.95	2.77	ppb
Sulfur	34-1	-1472.68	-1764.80	-740.70	-1326.06		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.95	0.84	0.87	0.89	6.05	ppb
Thallium	205-1	0.98	0.91	0.90	0.93	4.56	ppb
Tin	118-1	5.05	4.84	5.02	4.97	2.30	ppb
Titanium	47-1	4.81	4.50	5.02	4.78	5.56	ppb
Uranium	238-1	0.88	0.87	0.88	0.88	0.86	ppb
Vanadium	51-2	5.22	4.81	4.69	4.90	5.64	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	1.78	2.02	2.18	1.99	10.12	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:30:05	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.90	0.97	0.86	0.91	5.97	ppb
Zirconium	91-1	0.78	1.20	0.99	0.99	21.19	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120043BL	Instrumnet Name :	P8
Client Sample ID :	PB120043BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:33:45	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.25	-0.01	0.28	0.51	130.49	ppb
Antimony	121-1	0.01	0.00	0.01	0.01	38.23	ppb
Arsenic	75-2	0.00	0.00	0.01	0.00	172.32	ppb
Barium	135-1	0.02	0.02	0.01	0.02	43.74	ppb
Barium	137-1	-0.01	0.03	0.00	0.01	218.60	ppb
Beryllium	9-1	0.04	0.01	0.05	0.03	65.43	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	2.04	2.11	2.98	2.38	22.04	ppb
Boron	11-1	1.95	1.71	2.28	1.98	14.67	ppb
Cadmium	111-1	0.02	-0.02	0.04	0.01	195.80	ppb
Cadmium	106-1	0.14	-0.20	0.46	0.13	244.82	ppb
Cadmium	108-1	-0.08	0.08	0.08	0.03	361.27	ppb
Calcium	43-1	-17.43	-16.53	1.89	-10.69		ppb
Calcium	44-1	-2.74	-8.03	-2.20	-4.32		ppb
Chromium	52-2	-0.01	0.02	0.00	0.00	351.87	ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	-0.04	0.02	-0.03	-0.02		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				101		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	0.58	0.32	0.61	0.50	30.97	ppb
Iron	57-2	1.00	2.36	0.27	1.21	87.78	ppb
Krypton	83-1						cps
Lead	206-1	-0.07	-0.05	-0.03	-0.05		ppb
Lead	207-1	-0.04	-0.02	-0.06	-0.04		ppb
Lead	208-1	-0.05	-0.02	-0.04	-0.04		ppb
Lithium	6-1				97		%
Magnesium	24-2	3.23	3.21	2.31	2.92	17.95	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120043BL	Instrumnet Name :	P8
Client Sample ID :	PB120043BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:33:45	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	-0.01	-0.01	0.00	398.76	ppb
Molybdenum	94-1	0.02	0.05	-0.01	0.02	171.84	ppb
Molybdenum	95-1	0.04	0.01	0.01	0.02	91.28	ppb
Molybdenum	96-1	-0.02	0.00	-0.01	-0.01		ppb
Molybdenum	97-1	0.00	0.06	0.08	0.05	82.56	ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.04	-0.02	0.01	211.18	ppb
Phosphorus	31-2	-34.24	-42.09	3.95	-24.13		ppb
Potassium	39-2	6.90	4.09	-7.80	1.06	735.16	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	-0.32	-0.32	-0.32	-0.32		ppb
Selenium	78-2	-0.23	0.51	-0.33	-0.02		ppb
Selenium	82-1	0.50	0.31	-1.82	-0.34		ppb
Silicon	28-1	-74.27	-52.53	-33.85	-53.55		ppb
Silver	109-1	0.02	0.01	0.02	0.01	49.54	ppb
Silver	107-1	0.01	0.02	0.01	0.01	54.28	ppb
Sodium	23-2	28.87	30.87	31.28	30.34	4.26	ppb
Strontium	86-1	0.08	-0.01	0.04	0.04	119.13	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	172.37	ppb
Sulfur	34-1	-1308.90	-1269.71	-939.47	-1172.69		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	-0.03	-0.02	0.01	-0.02		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	0.01	0.00	0.02	0.01	94.13	ppb
Titanium	47-1	-0.22	-0.64	-0.12	-0.32		ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.02	-0.02	-0.01	-0.02		ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	0.03	-0.01	-0.02	0.00	1155.68	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120043BL	Instrumnet Name :	P8
Client Sample ID :	PB120043BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:33:45	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.02	0.01	134.90	ppb
Zirconium	91-1	0.00	0.06	0.00	0.02	140.92	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120043BS	Instrumnet Name :	P8
Client Sample ID :	PB120043BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:37:25	DataFile Name :	025LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9799.53	9974.98	9826.64	9867.05	0.96	ppb
Antimony	121-1	499.40	486.75	488.99	491.71	1.37	ppb
Arsenic	75-2	488.11	489.07	500.31	492.50	1.38	ppb
Barium	135-1	2455.08	2406.11	2431.24	2430.81	1.01	ppb
Barium	137-1	2506.54	2439.82	2427.55	2457.97	1.73	ppb
Beryllium	9-1	459.67	465.61	457.18	460.82	0.94	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	451.20	457.77	448.29	452.42	1.07	ppb
Boron	11-1	448.74	459.59	458.21	455.51	1.30	ppb
Cadmium	111-1	497.81	488.79	488.64	491.75	1.07	ppb
Cadmium	106-1	501.28	482.02	475.61	486.30	2.75	ppb
Cadmium	108-1	502.82	480.36	494.48	492.55	2.31	ppb
Calcium	43-1	51696.74	52983.35	51380.78	52020.29	1.63	ppb
Calcium	44-1	51053.71	52858.36	50548.71	51486.93	2.36	ppb
Chromium	52-2	503.99	514.13	510.33	509.48	1.00	ppb
Cobalt	59-2	504.39	512.36	509.85	508.87	0.80	ppb
Copper	63-2	1029.86	1038.55	1029.29	1032.57	0.50	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				105		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	26485.25	26778.70	26401.62	26555.19	0.75	ppb
Iron	57-2	26132.57	26600.14	26466.13	26399.61	0.91	ppb
Krypton	83-1						cps
Lead	206-1	486.68	487.35	487.00	487.01	0.07	ppb
Lead	207-1	488.77	490.26	490.29	489.78	0.18	ppb
Lead	208-1	486.21	486.52	490.68	487.80	0.51	ppb
Lithium	6-1				100		%
Magnesium	24-2	50056.48	50577.94	51547.53	50727.32	1.49	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120043BS	Instrumnet Name :	P8
Client Sample ID :	PB120043BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:37:25	DataFile Name :	025LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	989.73	1021.80	998.29	1003.27	1.66	ppb
Molybdenum	94-1	2529.40	2494.51	2478.39	2500.76	1.04	ppb
Molybdenum	95-1	2468.81	2501.10	2478.22	2482.71	0.67	ppb
Molybdenum	96-1	2465.04	2504.92	2423.15	2464.37	1.66	ppb
Molybdenum	97-1	2493.36	2487.32	2459.43	2480.04	0.73	ppb
Molybdenum	98-1	2506.00	2518.71	2468.13	2497.61	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.76	518.60	512.00	510.79	1.66	ppb
Phosphorus	31-2	9013.36	9289.41	10422.13	9574.97	7.80	ppb
Potassium	39-2	26271.34	26178.48	25942.96	26130.93	0.65	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	474.91	457.18	523.32	485.13	7.06	ppb
Selenium	78-2	488.56	480.23	499.38	489.39	1.96	ppb
Selenium	82-1	485.28	495.60	488.97	489.95	1.07	ppb
Silicon	28-1	399.81	426.71	400.11	408.88	3.78	ppb
Silver	109-1	504.22	482.71	491.74	492.89	2.19	ppb
Silver	107-1	498.34	488.66	493.92	493.64	0.98	ppb
Sodium	23-2	50041.19	50378.63	50791.34	50403.72	0.75	ppb
Strontium	86-1	492.89	491.43	488.24	490.85	0.49	ppb
Strontium	88-1	507.45	494.19	493.84	498.49	1.56	ppb
Sulfur	34-1	7847.58	8155.45	7700.00	7901.01	2.94	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	489.32	487.60	481.96	486.29	0.79	ppb
Thallium	205-1	498.72	495.01	488.88	494.20	1.01	ppb
Tin	118-1	495.21	487.31	489.00	490.50	0.85	ppb
Titanium	47-1	2478.79	2540.10	2424.93	2481.27	2.32	ppb
Uranium	238-1	496.36	499.50	490.60	495.49	0.91	ppb
Vanadium	51-2	496.25	506.69	500.44	501.13	1.05	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	1007.61	1026.45	1019.34	1017.80	0.93	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120043BS	Instrumnet Name :	P8
Client Sample ID :	PB120043BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:37:25	DataFile Name :	025LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	486.98	490.96	486.44	488.13	0.51	ppb
Zirconium	91-1	487.59	489.80	490.59	489.33	0.32	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-01	Instrumnet Name :	P8
Client Sample ID :	FESB-20(2.5-3)	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:41:00	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39568.83	41125.29	40029.78	40241.30	1.99	ppb
Antimony	121-1	0.10	0.08	0.06	0.08	24.27	ppb
Arsenic	75-2	4.11	4.00	4.07	4.06	1.36	ppb
Barium	135-1	522.43	507.04	530.04	519.84	2.25	ppb
Barium	137-1	526.08	507.73	530.26	521.36	2.30	ppb
Beryllium	9-1	2.47	2.08	2.35	2.30	8.77	ppb
Bismuth	209-1				109		%
Bismuth	209-2				109		%
Boron	10-1	9.71	8.39	9.00	9.03	7.35	ppb
Boron	11-1	8.38	8.87	9.03	8.76	3.84	ppb
Cadmium	111-1	0.33	0.42	0.45	0.40	14.80	ppb
Cadmium	106-1	3.32	4.92	4.92	4.39	20.97	ppb
Cadmium	108-1	1.01	1.54	1.54	1.36	22.73	ppb
Calcium	43-1	5910.89	5621.86	5889.81	5807.52	2.77	ppb
Calcium	44-1	5935.37	5691.38	5923.45	5850.07	2.35	ppb
Chromium	52-2	117.22	117.91	115.10	116.75	1.25	ppb
Cobalt	59-2	22.61	23.37	22.69	22.89	1.82	ppb
Copper	63-2	43.41	43.98	43.55	43.65	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				113		%
Indium	115-1				109		%
Indium	115-2				110		%
Iron	56-2	59757.73	60548.56	58752.16	59686.15	1.51	ppb
Iron	57-2	60005.43	61277.30	59756.14	60346.29	1.35	ppb
Krypton	83-1						cps
Lead	206-1	39.77	39.14	39.69	39.54	0.87	ppb
Lead	207-1	35.47	34.59	36.86	35.64	3.21	ppb
Lead	208-1	37.29	35.88	37.38	36.85	2.29	ppb
Lithium	6-1				107		%
Magnesium	24-2	8443.60	8562.65	8623.79	8543.34	1.07	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-01	Instrumnet Name :	P8
Client Sample ID :	FESB-20(2.5-3)	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:41:00	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	203.93	204.79	201.24	203.32	0.91	ppb
Molybdenum	94-1	26.68	24.51	25.46	25.55	4.26	ppb
Molybdenum	95-1	0.28	0.28	0.27	0.28	1.94	ppb
Molybdenum	96-1	3.36	3.28	3.41	3.35	2.05	ppb
Molybdenum	97-1	0.30	0.21	0.11	0.21	45.68	ppb
Molybdenum	98-1	0.30	0.31	0.20	0.27	22.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.32	47.61	47.17	47.37	0.47	ppb
Phosphorus	31-2	401.36	477.58	446.02	441.65	8.67	ppb
Potassium	39-2	1254.41	1282.50	1256.28	1264.40	1.24	ppb
Rhodium	103-1				110		%
Rhodium	103-2				110		%
Scandium	45-1				113		%
Scandium	45-2				113		%
Selenium	77-2	37.76	29.88	29.03	32.22	14.93	ppb
Selenium	78-2	2.89	4.80	4.62	4.10	25.77	ppb
Selenium	82-1	0.58	1.68	1.40	1.22	46.92	ppb
Silicon	28-1	6599.92	6050.90	6271.16	6307.33	4.38	ppb
Silver	109-1	0.60	0.56	0.38	0.51	22.80	ppb
Silver	107-1	0.52	0.53	0.47	0.51	6.35	ppb
Sodium	23-2	367.96	365.40	354.04	362.47	2.04	ppb
Strontium	86-1	29.06	27.24	28.58	28.29	3.33	ppb
Strontium	88-1	29.64	28.02	29.21	28.96	2.89	ppb
Sulfur	34-1	-4207.53	-4904.02	-4468.03	-4526.52		ppb
Terbium	159-1				111		%
Terbium	159-2				112		%
Thallium	203-1	0.36	0.44	0.44	0.41	10.71	ppb
Thallium	205-1	0.38	0.39	0.39	0.39	2.10	ppb
Tin	118-1	0.18	0.23	0.18	0.20	14.36	ppb
Titanium	47-1	65.21	69.36	63.86	66.14	4.33	ppb
Uranium	238-1	5.44	5.14	5.32	5.30	2.87	ppb
Vanadium	51-2	182.65	181.70	182.71	182.35	0.31	ppb
Yttrium	89-1				137		%
Yttrium	89-2				137		%
Zinc	66-2	144.80	147.74	141.32	144.62	2.22	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-01	Instrumnet Name :	P8
Client Sample ID :	FESB-20(2.5-3)	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:41:00	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	16.57	15.57	16.05	16.06	3.11	ppb
Zirconium	91-1	16.32	15.52	16.37	16.07	2.95	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:44:39	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	80019.35	79642.75	78755.18	79472.43	0.82	ppb
Antimony	121-1	0.04	0.07	0.02	0.04	50.19	ppb
Arsenic	75-2	2.96	3.06	3.03	3.02	1.78	ppb
Barium	135-1	5400.17	5393.35	5431.01	5408.18	0.37	ppb
Barium	137-1	5448.90	5395.41	5352.08	5398.80	0.90	ppb
Beryllium	9-1	13.57	13.61	13.83	13.67	1.03	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	10-1	8.35	9.79	10.85	9.66	13.00	ppb
Boron	11-1	11.01	10.96	10.47	10.81	2.75	ppb
Cadmium	111-1	1.51	1.69	1.48	1.56	7.25	ppb
Cadmium	106-1	13.87	15.59	13.24	14.23	8.53	ppb
Cadmium	108-1	4.09	6.42	4.72	5.08	23.80	ppb
Calcium	43-1	9767.40	9891.87	9940.05	9866.44	0.90	ppb
Calcium	44-1	9970.49	9938.32	9985.70	9964.84	0.24	ppb
Chromium	52-2	258.76	264.13	262.04	261.64	1.03	ppb
Cobalt	59-2	61.92	61.83	60.55	61.43	1.24	ppb
Copper	63-2	75.30	74.56	73.15	74.34	1.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				115		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	56-2	45201.30	44908.89	44409.69	44839.96	0.89	ppb
Iron	57-2	45697.56	45477.16	44403.30	45192.67	1.53	ppb
Krypton	83-1						cps
Lead	206-1	82.02	82.34	82.30	82.22	0.21	ppb
Lead	207-1	74.42	75.52	73.98	74.64	1.06	ppb
Lead	208-1	77.22	78.00	77.62	77.62	0.50	ppb
Lithium	6-1				106		%
Magnesium	24-2	18661.38	18181.79	18044.65	18295.94	1.77	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:44:39	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	281.63	283.27	276.94	280.61	1.17	ppb
Molybdenum	94-1	58.79	59.31	58.49	58.86	0.71	ppb
Molybdenum	95-1	0.11	0.11	0.14	0.12	16.75	ppb
Molybdenum	96-1	7.21	7.01	7.20	7.14	1.61	ppb
Molybdenum	97-1	0.05	0.05	0.01	0.04	58.35	ppb
Molybdenum	98-1	0.13	0.13	0.13	0.13	3.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	191.15	188.97	186.44	188.85	1.25	ppb
Phosphorus	31-2	342.19	280.72	288.89	303.93	10.98	ppb
Potassium	39-2	1855.92	1831.05	1838.40	1841.79	0.69	ppb
Rhodium	103-1				109		%
Rhodium	103-2				110		%
Scandium	45-1				135		%
Scandium	45-2				132		%
Selenium	77-2	42.18	51.48	43.48	45.72	11.01	ppb
Selenium	78-2	6.66	7.18	5.98	6.60	9.13	ppb
Selenium	82-1	2.08	1.41	3.09	2.20	38.56	ppb
Silicon	28-1	13484.03	13528.70	13369.53	13460.75	0.61	ppb
Silver	109-1	0.36	0.37	0.36	0.36	2.30	ppb
Silver	107-1	0.43	0.33	0.38	0.38	13.17	ppb
Sodium	23-2	762.38	763.17	742.56	756.04	1.54	ppb
Strontium	86-1	93.55	92.75	91.88	92.73	0.90	ppb
Strontium	88-1	94.96	95.88	93.86	94.90	1.06	ppb
Sulfur	34-1	-4811.04	-4958.12	-5167.29	-4978.82		ppb
Terbium	159-1				114		%
Terbium	159-2				114		%
Thallium	203-1	0.42	0.45	0.50	0.46	8.59	ppb
Thallium	205-1	0.54	0.46	0.53	0.51	9.01	ppb
Tin	118-1	0.20	0.23	0.24	0.22	9.70	ppb
Titanium	47-1	205.89	211.00	207.07	207.99	1.29	ppb
Uranium	238-1	25.88	26.26	26.13	26.09	0.74	ppb
Vanadium	51-2	175.15	175.73	173.07	174.65	0.80	ppb
Yttrium	89-1				191		%
Yttrium	89-2				190		%
Zinc	66-2	365.95	364.82	357.40	362.72	1.28	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:44:39	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	37.59	37.68	37.92	37.73	0.46	ppb
Zirconium	91-1	37.52	37.62	37.75	37.63	0.30	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02DUP	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:48:16	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	77502.43	77925.85	78311.77	77913.35	0.52	ppb
Antimony	121-1	0.04	0.02	0.05	0.04	38.90	ppb
Arsenic	75-2	2.87	2.98	2.87	2.91	2.14	ppb
Barium	135-1	5386.87	5489.59	5330.26	5402.24	1.50	ppb
Barium	137-1	5335.45	5452.81	5433.84	5407.37	1.17	ppb
Beryllium	9-1	13.44	13.49	14.15	13.69	2.88	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	10-1	9.48	11.42	11.00	10.63	9.61	ppb
Boron	11-1	9.62	10.90	10.64	10.39	6.53	ppb
Cadmium	111-1	1.61	1.76	1.48	1.62	8.61	ppb
Cadmium	106-1	14.28	14.13	13.44	13.95	3.23	ppb
Cadmium	108-1	4.28	3.45	4.78	4.17	16.08	ppb
Calcium	43-1	9818.15	9625.42	10167.43	9870.33	2.78	ppb
Calcium	44-1	10222.78	9997.26	10299.78	10173.27	1.55	ppb
Chromium	52-2	265.89	267.28	261.53	264.90	1.13	ppb
Cobalt	59-2	61.83	63.05	61.71	62.19	1.19	ppb
Copper	63-2	77.14	75.99	74.51	75.88	1.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				113		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	56-2	45188.57	46459.78	44520.14	45389.49	2.17	ppb
Iron	57-2	46024.62	45937.86	45429.78	45797.42	0.70	ppb
Krypton	83-1						cps
Lead	206-1	81.98	84.13	82.59	82.90	1.34	ppb
Lead	207-1	74.96	75.15	74.80	74.97	0.23	ppb
Lead	208-1	76.73	78.22	77.50	77.48	0.96	ppb
Lithium	6-1				106		%
Magnesium	24-2	18519.12	18415.31	17996.93	18310.45	1.51	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02DUP	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:48:16	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	283.48	283.00	279.70	282.06	0.73	ppb
Molybdenum	94-1	58.46	61.15	60.64	60.08	2.38	ppb
Molybdenum	95-1	0.16	0.16	0.09	0.14	29.84	ppb
Molybdenum	96-1	7.18	7.74	7.23	7.38	4.17	ppb
Molybdenum	97-1	0.05	0.11	0.17	0.11	56.14	ppb
Molybdenum	98-1	0.12	0.14	0.11	0.12	14.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	190.58	191.79	190.28	190.88	0.42	ppb
Phosphorus	31-2	311.03	354.60	329.63	331.75	6.59	ppb
Potassium	39-2	1859.86	1884.19	1846.37	1863.47	1.03	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				134		%
Scandium	45-2				132		%
Selenium	77-2	58.37	60.12	47.41	55.30	12.45	ppb
Selenium	78-2	7.43	7.28	7.82	7.51	3.72	ppb
Selenium	82-1	2.38	2.50	1.82	2.24	16.25	ppb
Silicon	28-1	13605.19	13378.58	13806.62	13596.80	1.57	ppb
Silver	109-1	0.36	0.33	0.30	0.33	9.57	ppb
Silver	107-1	0.37	0.36	0.37	0.37	1.44	ppb
Sodium	23-2	789.97	753.40	758.21	767.19	2.59	ppb
Strontium	86-1	91.90	94.92	92.93	93.25	1.65	ppb
Strontium	88-1	93.81	97.05	95.66	95.51	1.70	ppb
Sulfur	34-1	-5522.49	-5597.07	-5402.16	-5507.24		ppb
Terbium	159-1				112		%
Terbium	159-2				113		%
Thallium	203-1	0.48	0.53	0.42	0.48	12.12	ppb
Thallium	205-1	0.50	0.52	0.53	0.51	3.16	ppb
Tin	118-1	0.27	0.25	0.23	0.25	7.12	ppb
Titanium	47-1	238.99	235.00	227.89	233.96	2.40	ppb
Uranium	238-1	25.69	26.04	26.38	26.04	1.34	ppb
Vanadium	51-2	174.79	177.10	175.56	175.82	0.67	ppb
Yttrium	89-1				189		%
Yttrium	89-2				188		%
Zinc	66-2	361.30	361.95	355.55	359.60	0.98	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02DUP	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:48:16	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	37.49	39.58	38.71	38.59	2.72	ppb
Zirconium	91-1	38.04	40.63	39.56	39.41	3.30	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02LX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 14:51:53	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17845.37	18582.51	18703.31	18377.06	2.53	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	31.45	ppb
Arsenic	75-2	0.84	0.92	0.84	0.87	5.47	ppb
Barium	135-1	1093.44	1119.50	1114.17	1109.04	1.24	ppb
Barium	137-1	1065.00	1100.06	1119.88	1094.98	2.54	ppb
Beryllium	9-1	2.91	2.98	2.84	2.91	2.29	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	4.15	3.44	2.80	3.46	19.57	ppb
Boron	11-1	3.77	2.76	3.51	3.35	15.65	ppb
Cadmium	111-1	0.33	0.26	0.36	0.31	16.33	ppb
Cadmium	106-1	2.50	1.63	3.84	2.65	41.83	ppb
Cadmium	108-1	0.53	0.47	1.36	0.79	62.92	ppb
Calcium	43-1	2379.21	2286.80	2267.70	2311.24	2.58	ppb
Calcium	44-1	2366.28	2324.88	2380.54	2357.23	1.23	ppb
Chromium	52-2	60.35	59.82	61.24	60.47	1.19	ppb
Cobalt	59-2	13.93	14.00	14.44	14.12	1.97	ppb
Copper	63-2	17.81	18.15	18.19	18.05	1.13	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				103		%
Indium	115-2				104		%
Iron	56-2	10192.06	10303.70	10436.75	10310.84	1.19	ppb
Iron	57-2	10213.45	10283.76	10509.23	10335.48	1.50	ppb
Krypton	83-1						cps
Lead	206-1	15.29	15.53	16.19	15.67	2.95	ppb
Lead	207-1	14.15	14.18	14.27	14.20	0.42	ppb
Lead	208-1	14.85	14.90	15.11	14.95	0.93	ppb
Lithium	6-1				95		%
Magnesium	24-2	4054.26	4214.01	4257.52	4175.26	2.56	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02LX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 14:51:53	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	63.33	64.14	65.49	64.32	1.70	ppb
Molybdenum	94-1	16.73	17.49	17.77	17.33	3.09	ppb
Molybdenum	95-1	0.02	0.01	0.04	0.02	50.98	ppb
Molybdenum	96-1	2.15	2.08	2.30	2.18	5.09	ppb
Molybdenum	97-1	0.06	-0.01	-0.05	0.00	3880.52	ppb
Molybdenum	98-1	0.03	0.04	0.05	0.04	25.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.95	44.28	43.63	43.62	1.52	ppb
Phosphorus	31-2	28.75	-3.82	76.02	33.65	119.30	ppb
Potassium	39-2	377.53	414.92	415.33	402.59	5.39	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	77-2	12.67	10.03	18.05	13.59	30.08	ppb
Selenium	78-2	2.97	2.20	1.18	2.11	42.45	ppb
Selenium	82-1	0.98	0.90	-0.61	0.43	209.97	ppb
Silicon	28-1	3036.23	2963.60	3169.50	3056.45	3.42	ppb
Silver	109-1	0.07	0.09	0.06	0.07	22.15	ppb
Silver	107-1	0.10	0.09	0.07	0.09	20.67	ppb
Sodium	23-2	181.09	191.42	195.18	189.23	3.86	ppb
Strontium	86-1	27.32	28.13	27.83	27.76	1.47	ppb
Strontium	88-1	27.02	28.28	28.14	27.81	2.48	ppb
Sulfur	34-1	-5904.88	-6113.91	-5865.15	-5961.31		ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	0.09	0.07	0.04	0.07	36.18	ppb
Thallium	205-1	0.07	0.09	0.12	0.09	27.45	ppb
Tin	118-1	0.05	0.04	0.10	0.06	54.39	ppb
Titanium	47-1	48.57	47.98	47.42	47.99	1.19	ppb
Uranium	238-1	4.91	4.86	4.96	4.91	1.02	ppb
Vanadium	51-2	40.45	39.89	40.42	40.26	0.78	ppb
Yttrium	89-1				119		%
Yttrium	89-2				118		%
Zinc	66-2	81.82	83.47	84.47	83.25	1.61	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02LX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 14:51:53	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	10.94	11.11	11.13	11.06	0.94	ppb
Zirconium	91-1	11.07	11.21	11.57	11.28	2.31	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-04	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:55:33	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89352.94	87679.47	81175.60	86069.34	5.02	ppb
Antimony	121-1	173.82	174.81	179.54	176.06	1.73	ppb
Arsenic	75-2	248.37	243.47	231.58	241.14	3.58	ppb
Barium	135-1	7256.86	7268.64	7455.54	7327.01	1.52	ppb
Barium	137-1	7250.10	7292.06	7448.54	7330.23	1.43	ppb
Beryllium	9-1	438.87	433.40	443.99	438.75	1.21	ppb
Bismuth	209-1				103		%
Bismuth	209-2				108		%
Boron	10-1	438.76	436.43	439.54	438.24	0.37	ppb
Boron	11-1	443.79	436.40	452.17	444.12	1.78	ppb
Cadmium	111-1	438.55	435.17	451.16	441.63	1.91	ppb
Cadmium	106-1	443.23	443.01	459.82	448.69	2.15	ppb
Cadmium	108-1	443.23	437.01	449.95	443.39	1.46	ppb
Calcium	43-1	48893.13	48543.98	50477.92	49305.01	2.09	ppb
Calcium	44-1	49039.96	48415.15	50307.98	49254.36	1.96	ppb
Chromium	52-2	644.56	626.49	581.38	617.48	5.27	ppb
Cobalt	59-2	437.27	429.09	396.87	421.08	5.07	ppb
Copper	63-2	907.20	882.01	814.73	867.98	5.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				118		%
Indium	115-1				105		%
Indium	115-2				109		%
Iron	56-2	68970.65	67307.29	61030.71	65769.55	6.37	ppb
Iron	57-2	69585.96	68570.43	64262.71	67473.03	4.19	ppb
Krypton	83-1						cps
Lead	206-1	539.27	541.11	553.08	544.49	1.38	ppb
Lead	207-1	518.89	518.17	521.50	519.52	0.34	ppb
Lead	208-1	527.60	529.71	532.82	530.04	0.50	ppb
Lithium	6-1				102		%
Magnesium	24-2	55852.58	55900.74	52098.84	54617.39	3.99	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-04	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:55:33	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1106.54	1098.31	991.55	1065.47	6.02	ppb
Molybdenum	94-1	1468.33	1451.72	1474.62	1464.89	0.81	ppb
Molybdenum	95-1	1445.33	1458.50	1421.81	1441.88	1.29	ppb
Molybdenum	96-1	1443.78	1426.41	1430.74	1433.64	0.63	ppb
Molybdenum	97-1	1435.19	1411.64	1432.21	1426.34	0.90	ppb
Molybdenum	98-1	1428.73	1444.28	1473.78	1448.93	1.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	562.29	549.53	502.11	537.98	5.89	ppb
Phosphorus	31-2	366.83	349.91	273.47	330.07	15.07	ppb
Potassium	39-2	22916.52	22379.63	20377.71	21891.29	6.11	ppb
Rhodium	103-1				103		%
Rhodium	103-2				109		%
Scandium	45-1				133		%
Scandium	45-2				135		%
Selenium	77-2	274.85	284.51	270.48	276.61	2.60	ppb
Selenium	78-2	250.31	246.31	234.17	243.60	3.45	ppb
Selenium	82-1	249.61	247.70	247.20	248.17	0.51	ppb
Silicon	28-1	10780.80	10496.46	11057.76	10778.34	2.60	ppb
Silver	109-1	417.44	412.89	428.33	419.55	1.89	ppb
Silver	107-1	414.52	410.90	436.27	420.57	3.26	ppb
Sodium	23-2	43989.13	42252.47	39647.43	41963.01	5.21	ppb
Strontium	86-1	360.35	354.80	355.99	357.04	0.82	ppb
Strontium	88-1	361.10	353.59	357.35	357.35	1.05	ppb
Sulfur	34-1	-5186.92	-5311.36	-4884.14	-5127.47		ppb
Terbium	159-1				111		%
Terbium	159-2				115		%
Thallium	203-1	429.78	425.18	435.80	430.25	1.24	ppb
Thallium	205-1	438.19	431.84	444.69	438.24	1.47	ppb
Tin	118-1	367.38	359.89	378.37	368.55	2.52	ppb
Titanium	47-1	2168.12	2110.52	2202.35	2160.33	2.15	ppb
Uranium	238-1	484.70	482.33	482.74	483.26	0.26	ppb
Vanadium	51-2	559.61	549.51	510.10	539.74	4.85	ppb
Yttrium	89-1				186		%
Yttrium	89-2				189		%
Zinc	66-2	1135.54	1116.62	1038.34	1096.83	4.70	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-04	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:55:33	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	287.14	287.57	289.61	288.11	0.46	ppb
Zirconium	91-1	284.44	285.47	287.60	285.84	0.56	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-05	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:59:09	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84766.33	82653.75	83309.94	83576.67	1.29	ppb
Antimony	121-1	203.35	203.43	197.64	201.47	1.65	ppb
Arsenic	75-2	277.50	276.91	277.19	277.20	0.11	ppb
Barium	135-1	6905.04	6885.70	6706.67	6832.47	1.60	ppb
Barium	137-1	6849.13	6816.31	6745.89	6803.78	0.78	ppb
Beryllium	9-1	473.16	470.62	475.83	473.20	0.55	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	435.98	428.51	432.94	432.48	0.87	ppb
Boron	11-1	440.41	442.05	444.11	442.19	0.42	ppb
Cadmium	111-1	490.48	486.83	480.77	486.02	1.01	ppb
Cadmium	106-1	480.17	500.36	482.85	487.79	2.25	ppb
Cadmium	108-1	473.76	487.52	471.59	477.62	1.81	ppb
Calcium	43-1	49444.74	49769.92	47952.10	49055.58	1.98	ppb
Calcium	44-1	48743.11	48820.29	47596.69	48386.70	1.42	ppb
Chromium	52-2	668.32	653.77	653.52	658.54	1.29	ppb
Cobalt	59-2	481.55	476.58	476.46	478.20	0.61	ppb
Copper	63-2	925.16	926.30	923.82	925.09	0.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				112		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	64924.21	63914.74	64876.22	64571.72	0.88	ppb
Iron	57-2	65547.84	64792.12	66656.03	65665.33	1.43	ppb
Krypton	83-1						cps
Lead	206-1	575.04	570.27	562.74	569.35	1.09	ppb
Lead	207-1	554.66	547.00	539.74	547.13	1.36	ppb
Lead	208-1	564.89	562.79	557.19	561.62	0.71	ppb
Lithium	6-1				104		%
Magnesium	24-2	56038.13	56708.13	55714.90	56153.72	0.90	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-05	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:59:09	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1102.99	1097.73	1110.29	1103.67	0.57	ppb
Molybdenum	94-1	1477.38	1500.47	1481.88	1486.58	0.82	ppb
Molybdenum	95-1	1442.10	1483.51	1429.40	1451.67	1.95	ppb
Molybdenum	96-1	1437.87	1464.01	1434.67	1445.52	1.11	ppb
Molybdenum	97-1	1435.14	1454.82	1431.47	1440.47	0.87	ppb
Molybdenum	98-1	1436.42	1479.48	1426.01	1447.30	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	609.04	607.96	596.52	604.51	1.15	ppb
Phosphorus	31-2	362.12	293.75	363.19	339.68	11.71	ppb
Potassium	39-2	22325.44	22086.89	22038.28	22150.20	0.69	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				132		%
Scandium	45-2				127		%
Selenium	77-2	305.20	313.07	320.71	313.00	2.48	ppb
Selenium	78-2	279.99	286.57	288.55	285.04	1.57	ppb
Selenium	82-1	271.80	280.24	274.88	275.64	1.55	ppb
Silicon	28-1	9495.07	9495.75	9051.61	9347.48	2.74	ppb
Silver	109-1	451.36	452.05	457.59	453.67	0.75	ppb
Silver	107-1	460.63	465.53	452.07	459.41	1.48	ppb
Sodium	23-2	43938.34	43832.17	44023.09	43931.20	0.22	ppb
Strontium	86-1	379.87	386.07	377.50	381.15	1.16	ppb
Strontium	88-1	382.40	392.37	382.58	385.79	1.48	ppb
Sulfur	34-1	-4658.77	-4563.36	-5028.59	-4750.24		ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	460.89	467.68	453.41	460.66	1.55	ppb
Thallium	205-1	471.10	467.66	459.73	466.16	1.25	ppb
Tin	118-1	371.76	370.65	367.15	369.85	0.65	ppb
Titanium	47-1	2039.65	2048.86	1997.08	2028.53	1.36	ppb
Uranium	238-1	509.44	529.60	521.32	520.12	1.95	ppb
Vanadium	51-2	589.86	578.60	575.76	581.41	1.28	ppb
Yttrium	89-1				185		%
Yttrium	89-2				179		%
Zinc	66-2	1132.71	1125.24	1129.31	1129.09	0.33	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-05	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:59:09	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	310.91	308.30	309.34	309.52	0.43	ppb
Zirconium	91-1	304.59	308.29	302.19	305.02	1.01	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02A	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:02:45	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88987.11	89555.40	89008.23	89183.58	0.36	ppb
Antimony	121-1	184.22	185.83	189.61	186.55	1.49	ppb
Arsenic	75-2	263.87	261.56	262.51	262.65	0.44	ppb
Barium	135-1	7332.55	7170.62	7297.00	7266.73	1.17	ppb
Barium	137-1	7285.04	7268.00	7420.54	7324.53	1.14	ppb
Beryllium	9-1	458.55	461.72	467.21	462.50	0.95	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	445.98	444.53	453.39	447.96	1.06	ppb
Boron	11-1	450.43	457.31	463.74	457.16	1.46	ppb
Cadmium	111-1	474.64	472.56	481.88	476.36	1.03	ppb
Cadmium	106-1	472.33	475.66	481.32	476.44	0.95	ppb
Cadmium	108-1	468.94	468.47	468.33	468.58	0.07	ppb
Calcium	43-1	50825.81	50975.96	51269.24	51023.67	0.44	ppb
Calcium	44-1	49865.30	50416.58	50947.34	50409.74	1.07	ppb
Chromium	52-2	654.05	655.79	641.61	650.49	1.19	ppb
Cobalt	59-2	462.43	458.67	449.97	457.02	1.40	ppb
Copper	63-2	930.63	920.94	913.25	921.61	0.94	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				110		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	66674.53	67955.55	67149.92	67260.00	0.96	ppb
Iron	57-2	67725.92	69089.39	66442.22	67752.51	1.95	ppb
Krypton	83-1						cps
Lead	206-1	562.23	569.24	579.53	570.33	1.53	ppb
Lead	207-1	541.18	551.80	552.06	548.35	1.13	ppb
Lead	208-1	554.96	567.43	572.66	565.02	1.61	ppb
Lithium	6-1				102		%
Magnesium	24-2	57569.61	57614.33	56555.13	57246.36	1.05	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02A	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:02:45	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1111.36	1123.13	1091.05	1108.51	1.46	ppb
Molybdenum	94-1	1500.46	1509.11	1496.82	1502.13	0.42	ppb
Molybdenum	95-1	1470.79	1496.10	1452.40	1473.10	1.49	ppb
Molybdenum	96-1	1439.45	1447.02	1474.81	1453.76	1.28	ppb
Molybdenum	97-1	1437.29	1456.12	1471.99	1455.13	1.19	ppb
Molybdenum	98-1	1467.62	1455.33	1490.47	1471.14	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	583.76	584.11	575.20	581.02	0.87	ppb
Phosphorus	31-2	291.44	375.38	354.01	340.28	12.82	ppb
Potassium	39-2	22922.32	23490.73	22635.79	23016.28	1.89	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				127		%
Scandium	45-2				127		%
Selenium	77-2	304.52	282.69	296.01	294.41	3.74	ppb
Selenium	78-2	268.30	266.55	273.14	269.33	1.27	ppb
Selenium	82-1	264.30	268.78	271.77	268.28	1.40	ppb
Silicon	28-1	11417.85	11887.90	12083.39	11796.38	2.90	ppb
Silver	109-1	445.35	441.82	449.53	445.57	0.87	ppb
Silver	107-1	435.98	456.31	449.99	447.43	2.33	ppb
Sodium	23-2	44392.33	44560.46	44619.81	44524.20	0.27	ppb
Strontium	86-1	373.60	372.37	378.90	374.95	0.93	ppb
Strontium	88-1	373.26	378.58	384.08	378.64	1.43	ppb
Sulfur	34-1	-4121.72	-3818.55	-3740.58	-3893.61		ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	451.87	455.09	461.10	456.02	1.03	ppb
Thallium	205-1	466.21	466.26	470.34	467.61	0.51	ppb
Tin	118-1	362.42	367.68	372.99	367.70	1.44	ppb
Titanium	47-1	2178.14	2219.48	2179.16	2192.26	1.08	ppb
Uranium	238-1	512.71	510.55	514.15	512.47	0.35	ppb
Vanadium	51-2	569.32	574.11	568.77	570.73	0.51	ppb
Yttrium	89-1				181		%
Yttrium	89-2				178		%
Zinc	66-2	1145.98	1162.25	1129.72	1145.98	1.42	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02A	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:02:45	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	297.56	299.82	300.62	299.33	0.53	ppb
Zirconium	91-1	296.20	302.32	297.83	298.78	1.06	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:08:21	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53283.84	53163.09	52400.85	52949.26	0.90	ppb
Antimony	121-1	497.65	497.46	495.50	496.87	0.24	ppb
Arsenic	75-2	487.78	501.17	485.44	491.46	1.73	ppb
Barium	135-1	2445.20	2501.11	2462.32	2469.54	1.16	ppb
Barium	137-1	2483.41	2512.82	2495.38	2497.20	0.59	ppb
Beryllium	9-1	475.77	476.77	481.80	478.11	0.68	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	475.05	478.26	477.49	476.93	0.35	ppb
Boron	11-1	475.95	479.22	485.75	480.31	1.04	ppb
Cadmium	111-1	489.31	486.67	496.81	490.93	1.07	ppb
Cadmium	106-1	478.72	494.49	498.38	490.53	2.12	ppb
Cadmium	108-1	491.85	484.66	501.72	492.75	1.74	ppb
Calcium	43-1	250464.64	251401.97	253298.05	251721.55	0.57	ppb
Calcium	44-1	248345.70	249165.93	247684.63	248398.75	0.30	ppb
Chromium	52-2	506.78	506.90	507.58	507.09	0.08	ppb
Cobalt	59-2	507.11	495.02	498.49	500.21	1.24	ppb
Copper	63-2	998.52	975.17	979.47	984.38	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	127589.11	126887.61	126584.41	127020.38	0.41	ppb
Iron	57-2	127715.76	126336.32	126966.10	127006.06	0.54	ppb
Krypton	83-1						cps
Lead	206-1	509.06	501.80	502.41	504.42	0.80	ppb
Lead	207-1	511.65	504.47	509.53	508.55	0.73	ppb
Lead	208-1	511.02	505.30	505.41	507.25	0.64	ppb
Lithium	6-1				102		%
Magnesium	24-2	242786.51	241501.31	246000.74	243429.52	0.95	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:08:21	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	992.31	984.97	993.99	990.42	0.48	ppb
Molybdenum	94-1	2579.22	2556.27	2552.57	2562.69	0.56	ppb
Molybdenum	95-1	2581.06	2547.80	2509.84	2546.23	1.40	ppb
Molybdenum	96-1	2548.21	2493.77	2543.04	2528.34	1.19	ppb
Molybdenum	97-1	2551.00	2510.89	2494.99	2518.96	1.15	ppb
Molybdenum	98-1	2583.87	2550.69	2510.33	2548.30	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.52	500.30	500.66	502.16	0.58	ppb
Phosphorus	31-2	9667.13	9831.71	9798.15	9765.67	0.89	ppb
Potassium	39-2	124881.40	125672.50	126067.09	125540.33	0.48	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	492.78	437.49	457.20	462.49	6.06	ppb
Selenium	78-2	485.81	496.25	484.55	488.87	1.31	ppb
Selenium	82-1	492.90	493.40	489.53	491.95	0.43	ppb
Silicon	28-1	397.47	391.31	369.25	386.01	3.84	ppb
Silver	109-1	490.10	488.73	493.50	490.78	0.50	ppb
Silver	107-1	485.10	492.06	489.42	488.86	0.72	ppb
Sodium	23-2	243260.45	238859.49	241937.02	241352.32	0.94	ppb
Strontium	86-1	506.69	497.84	495.14	499.89	1.21	ppb
Strontium	88-1	512.47	505.01	505.67	507.72	0.81	ppb
Sulfur	34-1	6933.62	7160.39	6780.35	6958.12	2.75	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	501.35	494.19	501.90	499.14	0.86	ppb
Thallium	205-1	502.80	509.68	511.70	508.06	0.92	ppb
Tin	118-1	493.15	490.76	496.69	493.53	0.60	ppb
Titanium	47-1	2518.52	2539.72	2520.53	2526.26	0.46	ppb
Uranium	238-1	521.47	520.02	524.80	522.09	0.47	ppb
Vanadium	51-2	506.46	501.43	499.67	502.52	0.70	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	1002.73	990.15	990.98	994.62	0.71	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:08:21	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	504.94	502.67	506.38	504.66	0.37	ppb
Zirconium	91-1	507.60	497.96	506.47	504.01	1.05	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:13:16	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.11	4.48	5.22	3.94	41.38	ppb
Antimony	121-1	0.05	0.04	0.05	0.05	14.27	ppb
Arsenic	75-2	0.03	0.02	0.00	0.02	84.78	ppb
Barium	135-1	0.15	0.13	0.13	0.14	5.39	ppb
Barium	137-1	0.13	0.17	0.20	0.17	22.34	ppb
Beryllium	9-1	0.12	0.09	0.07	0.09	25.81	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	7.09	9.87	4.92	7.30	33.99	ppb
Boron	11-1	6.61	6.54	6.75	6.63	1.64	ppb
Cadmium	111-1	0.03	0.05	0.04	0.04	17.02	ppb
Cadmium	106-1	-0.04	0.58	0.46	0.33	99.16	ppb
Cadmium	108-1	-0.08	0.21	0.21	0.12	146.73	ppb
Calcium	43-1	-6.68	-13.47	7.93	-4.07		ppb
Calcium	44-1	-10.19	-14.28	-1.39	-8.62		ppb
Chromium	52-2	0.08	0.00	0.03	0.04	117.99	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.11	0.01	0.04	0.05	94.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	2.93	3.49	3.55	3.32	10.26	ppb
Iron	57-2	5.03	4.49	3.48	4.33	18.19	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.01	-0.02	0.01	252.94	ppb
Lead	207-1	0.03	0.06	0.11	0.07	59.19	ppb
Lead	208-1	0.05	0.06	0.08	0.06	19.46	ppb
Lithium	6-1				107		%
Magnesium	24-2	5.99	4.81	5.79	5.53	11.45	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:13:16	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.03	0.02	0.03	16.83	ppb
Molybdenum	94-1	0.09	0.04	0.07	0.06	39.91	ppb
Molybdenum	95-1	0.03	0.07	0.18	0.09	84.54	ppb
Molybdenum	96-1	0.08	0.04	0.06	0.06	34.73	ppb
Molybdenum	97-1	0.11	0.09	0.05	0.08	36.88	ppb
Molybdenum	98-1	0.07	0.04	0.10	0.07	47.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.02	0.05	0.04	51.42	ppb
Phosphorus	31-2	-50.88	-26.52	-46.46	-41.29		ppb
Potassium	39-2	-4.04	10.94	3.64	3.51	213.20	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	-0.32	1.53	-0.32	0.30	356.22	ppb
Selenium	78-2	-0.25	0.43	-0.98	-0.27		ppb
Selenium	82-1	2.01	-0.94	-2.13	-0.35		ppb
Silicon	28-1	-131.84	-105.87	-94.52	-110.74		ppb
Silver	109-1	0.37	0.37	0.35	0.36	3.44	ppb
Silver	107-1	0.34	0.39	0.43	0.39	11.56	ppb
Sodium	23-2	71.82	64.31	73.50	69.88	7.00	ppb
Strontium	86-1	-0.04	-0.11	-0.12	-0.09		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	79.67	ppb
Sulfur	34-1	-2580.66	-2365.90	-2339.61	-2428.72		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.00	0.02	0.01	70.22	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	45.42	ppb
Tin	118-1	0.04	0.05	0.06	0.05	24.13	ppb
Titanium	47-1	-0.76	-0.37	-0.71	-0.61		ppb
Uranium	238-1	0.01	0.00	0.01	0.01	74.43	ppb
Vanadium	51-2	0.01	0.02	0.00	0.01	62.83	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	0.10	0.06	0.04	0.07	44.62	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:13:16	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.03	0.05	0.03	92.90	ppb
Zirconium	91-1	0.00	0.00	0.03	0.01	133.30	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-03	Instrumnet Name :	P8
Client Sample ID :	FESB-22(1.5-2)	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:16:56	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	70441.88	68119.58	69463.46	69341.64	1.68	ppb
Antimony	121-1	0.15	0.15	0.16	0.15	5.91	ppb
Arsenic	75-2	16.85	16.35	16.70	16.63	1.56	ppb
Barium	135-1	394.28	382.45	383.04	386.59	1.72	ppb
Barium	137-1	390.19	379.61	386.67	385.49	1.40	ppb
Beryllium	9-1	3.65	3.40	3.28	3.44	5.39	ppb
Bismuth	209-1				112		%
Bismuth	209-2				109		%
Boron	10-1	13.29	15.51	15.82	14.87	9.25	ppb
Boron	11-1	15.32	14.93	15.66	15.30	2.37	ppb
Cadmium	111-1	1.74	1.48	1.29	1.50	14.89	ppb
Cadmium	106-1	6.97	5.24	4.45	5.55	23.21	ppb
Cadmium	108-1	2.74	2.91	2.65	2.77	4.75	ppb
Calcium	43-1	2814.13	2792.70	2932.49	2846.44	2.65	ppb
Calcium	44-1	2893.01	2842.85	2832.57	2856.14	1.13	ppb
Chromium	52-2	104.04	101.99	104.91	103.65	1.45	ppb
Cobalt	59-2	69.28	67.74	68.54	68.52	1.13	ppb
Copper	63-2	140.32	138.93	141.22	140.16	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				114		%
Indium	115-1				113		%
Indium	115-2				109		%
Iron	56-2	116522.05	114921.60	116102.16	115848.61	0.72	ppb
Iron	57-2	120331.13	113690.84	118463.40	117495.12	2.91	ppb
Krypton	83-1						cps
Lead	206-1	126.76	125.75	126.10	126.20	0.40	ppb
Lead	207-1	116.84	115.97	114.32	115.71	1.10	ppb
Lead	208-1	119.05	119.49	117.77	118.77	0.75	ppb
Lithium	6-1				113		%
Magnesium	24-2	21469.78	21585.29	21784.17	21613.08	0.74	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-03	Instrumnet Name :	P8
Client Sample ID :	FESB-22(1.5-2)	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:16:56	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2832.47	2731.10	2858.41	2807.33	2.40	ppb
Molybdenum	94-1	39.25	38.33	39.11	38.90	1.28	ppb
Molybdenum	95-1	0.95	0.94	0.74	0.88	13.34	ppb
Molybdenum	96-1	5.36	5.62	5.72	5.57	3.34	ppb
Molybdenum	97-1	0.78	0.95	0.83	0.85	10.24	ppb
Molybdenum	98-1	0.80	0.89	1.01	0.90	11.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	117.71	114.46	116.12	116.10	1.40	ppb
Phosphorus	31-2	3041.80	3116.17	2911.37	3023.11	3.43	ppb
Potassium	39-2	4375.31	4307.12	4373.39	4351.94	0.89	ppb
Rhodium	103-1				115		%
Rhodium	103-2				111		%
Scandium	45-1				122		%
Scandium	45-2				115		%
Selenium	77-2	21.16	27.95	25.68	24.93	13.85	ppb
Selenium	78-2	2.60	2.83	1.93	2.45	19.06	ppb
Selenium	82-1	0.34	1.05	0.74	0.71	50.22	ppb
Silicon	28-1	6411.52	6167.66	6284.66	6287.95	1.94	ppb
Silver	109-1	0.51	0.46	0.48	0.48	5.70	ppb
Silver	107-1	0.45	0.50	0.55	0.50	9.69	ppb
Sodium	23-2	367.31	368.09	369.69	368.36	0.33	ppb
Strontium	86-1	26.84	27.49	27.67	27.33	1.60	ppb
Strontium	88-1	27.94	28.85	28.14	28.31	1.68	ppb
Sulfur	34-1	-5854.12	-6486.71	-6308.00	-6216.28		ppb
Terbium	159-1				116		%
Terbium	159-2				113		%
Thallium	203-1	0.54	0.51	0.63	0.56	11.40	ppb
Thallium	205-1	0.60	0.57	0.59	0.59	2.39	ppb
Tin	118-1	0.45	0.42	0.54	0.47	13.58	ppb
Titanium	47-1	198.75	196.05	195.08	196.63	0.97	ppb
Uranium	238-1	3.98	3.88	3.97	3.94	1.45	ppb
Vanadium	51-2	127.75	124.81	127.04	126.53	1.21	ppb
Yttrium	89-1				133		%
Yttrium	89-2				128		%
Zinc	66-2	476.70	471.12	482.17	476.66	1.16	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-03	Instrumnet Name :	P8
Client Sample ID :	FESB-22(1.5-2)	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:16:56	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	24.47	24.73	24.31	24.50	0.86	ppb
Zirconium	91-1	24.75	24.92	24.00	24.56	2.00	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3036-01	Instrumnet Name :	P8
Client Sample ID :	FESB-26(2.5-3)	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:20:33	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45515.04	46655.78	46673.08	46281.30	1.43	ppb
Antimony	121-1	0.11	0.07	0.08	0.09	27.51	ppb
Arsenic	75-2	8.67	8.91	8.76	8.78	1.41	ppb
Barium	135-1	470.13	463.44	454.74	462.77	1.67	ppb
Barium	137-1	469.19	460.99	457.97	462.72	1.25	ppb
Beryllium	9-1	2.27	2.22	2.51	2.33	6.81	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	11.98	12.34	15.38	13.23	14.12	ppb
Boron	11-1	13.83	13.30	13.30	13.48	2.28	ppb
Cadmium	111-1	0.65	0.94	0.68	0.76	20.78	ppb
Cadmium	106-1	4.72	8.42	5.66	6.27	30.65	ppb
Cadmium	108-1	2.64	3.94	3.81	3.46	20.63	ppb
Calcium	43-1	5057.20	4763.88	4778.22	4866.43	3.40	ppb
Calcium	44-1	5061.33	4883.59	4867.67	4937.53	2.18	ppb
Chromium	52-2	255.60	250.97	251.16	252.58	1.04	ppb
Cobalt	59-2	44.67	44.57	44.40	44.55	0.31	ppb
Copper	63-2	81.27	82.81	80.58	81.55	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				112		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	56-2	84460.85	85622.16	84563.56	84882.19	0.76	ppb
Iron	57-2	86834.06	87646.48	85715.58	86732.04	1.12	ppb
Krypton	83-1						cps
Lead	206-1	39.54	38.71	38.68	38.98	1.25	ppb
Lead	207-1	35.68	35.77	35.57	35.67	0.28	ppb
Lead	208-1	37.28	36.72	36.23	36.74	1.43	ppb
Lithium	6-1				108		%
Magnesium	24-2	19858.98	19934.56	19904.22	19899.25	0.19	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3036-01	Instrumnet Name :	P8
Client Sample ID :	FESB-26(2.5-3)	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:20:33	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	461.05	464.66	458.17	461.29	0.70	ppb
Molybdenum	94-1	46.90	47.28	45.98	46.72	1.43	ppb
Molybdenum	95-1	0.73	0.86	0.84	0.81	8.21	ppb
Molybdenum	96-1	6.52	6.33	6.44	6.43	1.47	ppb
Molybdenum	97-1	0.76	0.72	0.67	0.72	6.09	ppb
Molybdenum	98-1	0.82	0.72	0.78	0.77	6.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.18	96.79	95.50	96.49	0.91	ppb
Phosphorus	31-2	930.68	917.46	835.86	894.67	5.74	ppb
Potassium	39-2	3401.21	3427.45	3408.99	3412.55	0.39	ppb
Rhodium	103-1				112		%
Rhodium	103-2				107		%
Scandium	45-1				116		%
Scandium	45-2				112		%
Selenium	77-2	36.46	40.35	33.21	36.67	9.74	ppb
Selenium	78-2	7.06	6.13	6.16	6.45	8.15	ppb
Selenium	82-1	2.24	2.79	3.30	2.78	19.04	ppb
Silicon	28-1	7145.36	7238.50	7106.98	7163.61	0.94	ppb
Silver	109-1	0.13	0.16	0.15	0.14	11.71	ppb
Silver	107-1	0.16	0.17	0.19	0.17	8.80	ppb
Sodium	23-2	411.87	410.11	411.14	411.04	0.21	ppb
Strontium	86-1	23.88	23.66	22.89	23.48	2.21	ppb
Strontium	88-1	24.01	24.35	23.43	23.93	1.96	ppb
Sulfur	34-1	-6413.09	-6500.20	-6691.43	-6534.91		ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	0.30	0.33	0.30	0.31	4.81	ppb
Thallium	205-1	0.37	0.38	0.37	0.37	0.76	ppb
Tin	118-1	0.38	0.37	0.40	0.38	3.55	ppb
Titanium	47-1	441.17	438.38	436.03	438.53	0.59	ppb
Uranium	238-1	7.51	7.48	7.20	7.40	2.31	ppb
Vanadium	51-2	112.03	111.95	110.37	111.45	0.84	ppb
Yttrium	89-1				140		%
Yttrium	89-2				135		%
Zinc	66-2	247.22	250.78	247.37	248.46	0.81	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3036-01	Instrumnet Name :	P8
Client Sample ID :	FESB-26(2.5-3)	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:20:33	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	29.45	29.46	28.87	29.26	1.15	ppb
Zirconium	91-1	30.30	29.69	29.56	29.85	1.32	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3036-02	Instrumnet Name :	P8
Client Sample ID :	FEQC-DUP-052319	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:24:12	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48627.90	48591.51	50579.86	49266.43	2.31	ppb
Antimony	121-1	0.04	0.05	0.04	0.04	12.77	ppb
Arsenic	75-2	5.75	5.68	5.66	5.70	0.82	ppb
Barium	135-1	311.91	312.38	323.64	315.98	2.10	ppb
Barium	137-1	313.03	313.03	323.68	316.58	1.94	ppb
Beryllium	9-1	3.62	3.56	3.70	3.63	1.87	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	10-1	16.47	13.27	18.72	16.16	16.94	ppb
Boron	11-1	15.38	16.61	16.16	16.05	3.89	ppb
Cadmium	111-1	1.39	1.43	1.35	1.39	2.71	ppb
Cadmium	106-1	9.02	9.09	8.67	8.93	2.48	ppb
Cadmium	108-1	4.05	3.83	4.98	4.29	14.18	ppb
Calcium	43-1	11353.36	11463.07	11194.53	11336.99	1.19	ppb
Calcium	44-1	11762.52	11513.38	11492.91	11589.60	1.30	ppb
Chromium	52-2	199.03	199.03	203.65	200.57	1.33	ppb
Cobalt	59-2	59.64	60.07	62.58	60.77	2.61	ppb
Copper	63-2	91.01	90.48	93.34	91.61	1.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				112		%
Indium	115-1				110		%
Indium	115-2				108		%
Iron	56-2	109020.91	109108.21	110924.70	109684.60	0.98	ppb
Iron	57-2	111078.55	110310.06	114289.05	111892.55	1.89	ppb
Krypton	83-1						cps
Lead	206-1	39.67	41.11	41.33	40.70	2.22	ppb
Lead	207-1	36.41	35.12	36.91	36.15	2.55	ppb
Lead	208-1	37.63	37.20	37.92	37.58	0.97	ppb
Lithium	6-1				106		%
Magnesium	24-2	28363.93	28711.25	29715.10	28930.10	2.43	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3036-02	Instrumnet Name :	P8
Client Sample ID :	FEQC-DUP-052319	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:24:12	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	659.61	657.22	681.82	666.22	2.04	ppb
Molybdenum	94-1	64.03	63.60	67.09	64.91	2.93	ppb
Molybdenum	95-1	0.48	0.47	0.39	0.44	10.29	ppb
Molybdenum	96-1	8.48	8.28	8.48	8.41	1.35	ppb
Molybdenum	97-1	0.30	0.37	0.50	0.39	25.80	ppb
Molybdenum	98-1	0.40	0.44	0.38	0.41	7.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	139.12	138.98	143.15	140.42	1.69	ppb
Phosphorus	31-2	1728.35	1780.41	1856.39	1788.38	3.60	ppb
Potassium	39-2	3099.07	3098.59	3215.57	3137.75	2.15	ppb
Rhodium	103-1				110		%
Rhodium	103-2				110		%
Scandium	45-1				118		%
Scandium	45-2				114		%
Selenium	77-2	35.82	36.78	27.97	33.53	14.41	ppb
Selenium	78-2	3.41	3.72	3.20	3.45	7.51	ppb
Selenium	82-1	0.44	0.10	0.37	0.30	58.07	ppb
Silicon	28-1	5850.48	5974.41	5907.49	5910.79	1.05	ppb
Silver	109-1	0.11	0.14	0.11	0.12	14.75	ppb
Silver	107-1	0.14	0.15	0.13	0.14	4.24	ppb
Sodium	23-2	429.41	440.49	459.77	443.23	3.47	ppb
Strontium	86-1	25.24	25.16	24.51	24.97	1.59	ppb
Strontium	88-1	24.69	25.10	25.44	25.08	1.49	ppb
Sulfur	34-1	-7143.68	-7063.90	-6960.16	-7055.92		ppb
Terbium	159-1				112		%
Terbium	159-2				112		%
Thallium	203-1	0.24	0.30	0.25	0.26	11.71	ppb
Thallium	205-1	0.31	0.31	0.31	0.31	0.96	ppb
Tin	118-1	0.40	0.35	0.44	0.40	10.69	ppb
Titanium	47-1	2165.88	2194.65	2178.24	2179.59	0.66	ppb
Uranium	238-1	2.55	2.51	2.54	2.54	0.83	ppb
Vanadium	51-2	129.21	129.49	133.96	130.89	2.04	ppb
Yttrium	89-1				138		%
Yttrium	89-2				134		%
Zinc	66-2	330.98	330.83	340.38	334.06	1.64	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3036-02	Instrumnet Name :	P8
Client Sample ID :	FEQC-DUP-052319	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:24:12	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	41.07	41.69	42.12	41.63	1.26	ppb
Zirconium	91-1	41.04	41.73	42.35	41.71	1.57	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-01DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-20(2.5-3)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 15:31:27	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8268.08	8324.89	8528.93	8373.97	1.64	ppb
Antimony	121-1	0.00	0.02	0.02	0.01	78.45	ppb
Arsenic	75-2	0.89	0.97	0.99	0.95	5.65	ppb
Barium	135-1	102.14	105.02	108.12	105.09	2.84	ppb
Barium	137-1	102.69	107.12	108.32	106.04	2.80	ppb
Beryllium	9-1	0.59	0.47	0.54	0.53	11.39	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	4.02	2.60	3.34	3.32	21.43	ppb
Boron	11-1	2.75	3.24	2.45	2.81	14.24	ppb
Cadmium	111-1	0.03	0.01	-0.15	-0.03		ppb
Cadmium	106-1	0.75	0.11	-1.91	-0.35		ppb
Cadmium	108-1	0.76	0.15	0.79	0.57	63.69	ppb
Calcium	43-1	1209.46	1179.98	1157.63	1182.36	2.20	ppb
Calcium	44-1	1197.33	1190.78	1234.84	1207.65	1.97	ppb
Chromium	52-2	24.74	24.41	25.17	24.77	1.54	ppb
Cobalt	59-2	4.81	4.98	5.03	4.94	2.28	ppb
Copper	63-2	9.89	9.74	10.27	9.97	2.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	12847.97	12925.15	12935.61	12902.91	0.37	ppb
Iron	57-2	12811.37	12708.61	12991.85	12837.28	1.12	ppb
Krypton	83-1						cps
Lead	206-1	7.75	7.56	7.76	7.69	1.49	ppb
Lead	207-1	7.08	7.01	6.93	7.01	1.05	ppb
Lead	208-1	7.28	7.27	7.28	7.28	0.07	ppb
Lithium	6-1				93		%
Magnesium	24-2	1728.44	1811.47	1833.78	1791.23	3.10	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-01DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-20(2.5-3)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 15:31:27	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	43.00	42.72	43.10	42.94	0.45	ppb
Molybdenum	94-1	5.77	5.43	5.48	5.56	3.22	ppb
Molybdenum	95-1	0.03	0.11	0.03	0.06	80.27	ppb
Molybdenum	96-1	0.68	0.78	0.71	0.72	6.98	ppb
Molybdenum	97-1	0.07	0.10	0.07	0.08	27.69	ppb
Molybdenum	98-1	0.03	0.04	0.07	0.05	43.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.22	10.32	10.39	10.31	0.82	ppb
Phosphorus	31-2	37.02	85.01	55.87	59.30	40.77	ppb
Potassium	39-2	262.11	260.98	255.90	259.66	1.27	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	77-2	6.65	6.54	5.77	6.32	7.58	ppb
Selenium	78-2	0.81	0.92	1.53	1.09	35.79	ppb
Selenium	82-1	0.10	-0.18	-0.53	-0.20		ppb
Silicon	28-1	1487.71	1505.15	1629.79	1540.88	5.03	ppb
Silver	109-1	0.06	0.11	0.09	0.09	26.47	ppb
Silver	107-1	0.07	0.07	0.09	0.08	14.28	ppb
Sodium	23-2	101.80	103.07	104.94	103.27	1.53	ppb
Strontium	86-1	6.51	6.53	6.74	6.59	1.98	ppb
Strontium	88-1	6.70	6.82	6.61	6.71	1.57	ppb
Sulfur	34-1	-5694.26	-5757.99	-5339.89	-5597.38		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.04	0.06	0.04	0.05	23.09	ppb
Thallium	205-1	0.04	0.08	0.06	0.06	27.95	ppb
Tin	118-1	0.02	0.11	0.06	0.06	68.81	ppb
Titanium	47-1	15.01	15.25	15.72	15.33	2.38	ppb
Uranium	238-1	1.03	1.07	1.02	1.04	2.84	ppb
Vanadium	51-2	39.38	39.27	39.75	39.47	0.64	ppb
Yttrium	89-1				110		%
Yttrium	89-2				110		%
Zinc	66-2	31.26	29.88	32.48	31.21	4.18	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-01DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-20(2.5-3)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 15:31:27	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	3.48	3.49	3.46	3.47	0.46	ppb
Zirconium	91-1	3.41	3.52	3.66	3.53	3.55	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 15:35:07	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19367.87	19116.98	19226.36	19237.07	0.65	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	10.72	ppb
Arsenic	75-2	0.99	0.94	0.90	0.94	5.01	ppb
Barium	135-1	1132.50	1124.61	1115.18	1124.10	0.77	ppb
Barium	137-1	1132.89	1128.03	1131.38	1130.76	0.22	ppb
Beryllium	9-1	2.87	2.86	3.15	2.96	5.47	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	3.73	3.99	3.76	3.83	3.76	ppb
Boron	11-1	3.37	3.90	3.73	3.67	7.36	ppb
Cadmium	111-1	0.41	0.38	0.39	0.39	4.34	ppb
Cadmium	106-1	3.17	2.69	3.45	3.11	12.47	ppb
Cadmium	108-1	0.85	0.86	1.01	0.91	10.06	ppb
Calcium	43-1	2446.33	2302.05	2366.16	2371.51	3.05	ppb
Calcium	44-1	2426.74	2368.83	2413.70	2403.09	1.26	ppb
Chromium	52-2	64.06	63.42	64.54	64.01	0.88	ppb
Cobalt	59-2	15.04	14.92	14.98	14.98	0.41	ppb
Copper	63-2	19.04	18.78	18.79	18.87	0.80	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				103		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	10935.40	10726.21	10965.15	10875.59	1.20	ppb
Iron	57-2	10944.84	10785.23	10705.64	10811.90	1.13	ppb
Krypton	83-1						cps
Lead	206-1	16.72	16.31	16.46	16.50	1.26	ppb
Lead	207-1	14.90	14.94	14.98	14.94	0.28	ppb
Lead	208-1	15.56	15.49	15.60	15.55	0.37	ppb
Lithium	6-1				94		%
Magnesium	24-2	4438.66	4416.10	4339.82	4398.20	1.18	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 15:35:07	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	68.47	66.88	69.43	68.26	1.89	ppb
Molybdenum	94-1	18.14	18.05	18.04	18.07	0.31	ppb
Molybdenum	95-1	0.03	0.03	0.02	0.03	10.71	ppb
Molybdenum	96-1	2.10	2.05	2.02	2.06	1.84	ppb
Molybdenum	97-1	0.08	0.00	0.00	0.02	189.79	ppb
Molybdenum	98-1	0.03	0.04	0.01	0.02	63.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.75	45.40	46.84	46.00	1.63	ppb
Phosphorus	31-2	34.88	-28.57	14.30	6.87	471.00	ppb
Potassium	39-2	440.91	417.16	445.65	434.58	3.51	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	18.15	13.25	14.96	15.45	16.07	ppb
Selenium	78-2	1.87	2.35	2.39	2.21	13.35	ppb
Selenium	82-1	1.00	-0.75	0.63	0.29	315.25	ppb
Silicon	28-1	3274.90	3116.44	3189.03	3193.45	2.48	ppb
Silver	109-1	0.12	0.08	0.07	0.09	31.75	ppb
Silver	107-1	0.10	0.08	0.08	0.08	12.36	ppb
Sodium	23-2	214.28	200.33	200.97	205.19	3.84	ppb
Strontium	86-1	29.06	27.39	27.68	28.04	3.18	ppb
Strontium	88-1	28.98	27.63	28.12	28.24	2.43	ppb
Sulfur	34-1	-5312.40	-5690.88	-5444.13	-5482.47		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.08	0.11	0.13	0.11	24.45	ppb
Thallium	205-1	0.11	0.07	0.08	0.09	21.23	ppb
Tin	118-1	0.06	0.05	0.08	0.06	23.46	ppb
Titanium	47-1	50.55	50.99	51.15	50.90	0.62	ppb
Uranium	238-1	5.19	5.20	5.14	5.18	0.65	ppb
Vanadium	51-2	42.77	41.21	41.65	41.87	1.92	ppb
Yttrium	89-1				120		%
Yttrium	89-2				118		%
Zinc	66-2	89.89	87.64	86.42	87.98	2.00	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 15:35:07	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	11.54	11.31	11.18	11.34	1.63	ppb
Zirconium	91-1	11.36	11.25	11.46	11.36	0.93	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 15:38:46	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19842.58	18311.37	18185.87	18779.94	4.91	ppb
Antimony	121-1	0.02	0.01	0.01	0.01	8.26	ppb
Arsenic	75-2	1.00	0.93	0.93	0.95	4.61	ppb
Barium	135-1	1084.71	1098.04	1120.62	1101.12	1.65	ppb
Barium	137-1	1091.99	1092.29	1109.83	1098.04	0.93	ppb
Beryllium	9-1	2.80	2.72	2.95	2.82	4.11	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	3.19	3.90	3.29	3.46	11.15	ppb
Boron	11-1	3.44	3.99	3.31	3.58	10.05	ppb
Cadmium	111-1	0.17	0.29	0.20	0.22	26.89	ppb
Cadmium	106-1	1.66	2.78	0.81	1.75	56.38	ppb
Cadmium	108-1	1.34	1.06	0.53	0.97	42.01	ppb
Calcium	43-1	2422.72	2193.21	2388.89	2334.94	5.31	ppb
Calcium	44-1	2376.21	2332.53	2316.82	2341.86	1.31	ppb
Chromium	52-2	64.46	60.80	60.18	61.81	3.73	ppb
Cobalt	59-2	15.57	14.05	14.15	14.59	5.83	ppb
Copper	63-2	19.21	18.17	17.87	18.42	3.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	10982.31	10466.79	10300.79	10583.30	3.36	ppb
Iron	57-2	11036.43	10365.09	10305.76	10569.09	3.84	ppb
Krypton	83-1						cps
Lead	206-1	15.98	16.05	16.26	16.09	0.89	ppb
Lead	207-1	14.56	14.44	14.46	14.49	0.46	ppb
Lead	208-1	15.19	15.17	15.10	15.15	0.31	ppb
Lithium	6-1				97		%
Magnesium	24-2	4540.66	4239.56	4154.63	4311.62	4.70	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 15:38:46	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	67.94	64.66	63.11	65.24	3.78	ppb
Molybdenum	94-1	17.84	17.45	17.46	17.58	1.26	ppb
Molybdenum	95-1	0.01	0.01	0.04	0.02	103.84	ppb
Molybdenum	96-1	2.30	2.27	2.13	2.24	4.02	ppb
Molybdenum	97-1	0.01	0.03	0.04	0.03	54.39	ppb
Molybdenum	98-1	0.02	0.03	0.05	0.03	50.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.54	44.16	43.51	45.07	4.81	ppb
Phosphorus	31-2	25.11	49.17	58.36	44.22	38.83	ppb
Potassium	39-2	454.21	419.34	406.51	426.69	5.78	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	77-2	12.79	13.01	10.58	12.13	11.08	ppb
Selenium	78-2	2.11	2.34	0.72	1.72	50.89	ppb
Selenium	82-1	-0.72	-0.86	1.04	-0.18		ppb
Silicon	28-1	3241.71	3255.46	3032.01	3176.39	3.94	ppb
Silver	109-1	0.08	0.08	0.09	0.08	10.91	ppb
Silver	107-1	0.09	0.07	0.06	0.07	19.52	ppb
Sodium	23-2	216.93	197.49	189.66	201.36	6.97	ppb
Strontium	86-1	26.65	27.96	26.83	27.14	2.62	ppb
Strontium	88-1	27.71	28.07	27.90	27.89	0.65	ppb
Sulfur	34-1	-5846.31	-5766.10	-6091.59	-5901.33		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.10	0.12	0.11	0.11	9.82	ppb
Thallium	205-1	0.10	0.12	0.09	0.10	11.36	ppb
Tin	118-1	0.05	0.07	0.04	0.05	32.84	ppb
Titanium	47-1	51.26	53.01	53.47	52.58	2.21	ppb
Uranium	238-1	4.97	5.00	4.92	4.96	0.85	ppb
Vanadium	51-2	42.99	40.89	39.50	41.13	4.27	ppb
Yttrium	89-1				122		%
Yttrium	89-2				120		%
Zinc	66-2	87.49	82.65	80.28	83.47	4.40	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 15:38:46	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	11.17	11.36	11.03	11.18	1.47	ppb
Zirconium	91-1	11.05	11.55	10.89	11.16	3.10	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-05-29 15:42:26	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4469.79	4005.76	3904.33	4126.63	7.31	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	243.16	ppb
Arsenic	75-2	0.27	0.21	0.15	0.21	27.29	ppb
Barium	135-1	218.48	218.09	224.38	220.32	1.60	ppb
Barium	137-1	220.30	221.76	222.87	221.64	0.58	ppb
Beryllium	9-1	0.57	0.50	0.69	0.59	15.78	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	1.50	1.49	2.32	1.77	26.84	ppb
Boron	11-1	1.06	1.32	1.32	1.23	12.22	ppb
Cadmium	111-1	-0.04	0.05	0.11	0.04	189.15	ppb
Cadmium	106-1	-0.99	0.27	1.04	0.11	942.51	ppb
Cadmium	108-1	0.00	0.22	0.15	0.12	94.15	ppb
Calcium	43-1	447.84	487.67	476.94	470.82	4.38	ppb
Calcium	44-1	480.87	499.52	483.28	487.89	2.08	ppb
Chromium	52-2	14.91	12.88	12.66	13.48	9.22	ppb
Cobalt	59-2	3.48	3.07	3.13	3.23	6.85	ppb
Copper	63-2	5.52	5.05	4.44	5.00	10.88	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				104		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	2651.38	2312.69	2245.20	2403.09	9.06	ppb
Iron	57-2	2541.63	2284.51	2188.93	2338.36	7.80	ppb
Krypton	83-1						cps
Lead	206-1	3.00	2.92	3.15	3.02	3.97	ppb
Lead	207-1	2.83	2.77	3.04	2.88	4.87	ppb
Lead	208-1	2.97	2.94	3.06	2.99	2.08	ppb
Lithium	6-1				96		%
Magnesium	24-2	1032.35	905.29	907.13	948.26	7.68	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-05-29 15:42:26	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	15.56	13.67	13.96	14.40	7.08	ppb
Molybdenum	94-1	3.72	3.73	3.80	3.75	1.10	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	121.59	ppb
Molybdenum	96-1	0.43	0.47	0.53	0.48	10.70	ppb
Molybdenum	97-1	0.05	0.03	-0.02	0.02	208.75	ppb
Molybdenum	98-1	0.02	0.00	-0.01	0.00	455.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.28	9.49	9.10	9.96	11.69	ppb
Phosphorus	31-2	-35.95	-15.50	-48.26	-33.24		ppb
Potassium	39-2	138.40	77.20	77.82	97.81	35.94	ppb
Rhodium	103-1				107		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	2.66	6.83	3.24	4.25	53.25	ppb
Selenium	78-2	1.59	1.40	0.23	1.08	68.29	ppb
Selenium	82-1	-1.89	0.70	0.06	-0.37		ppb
Silicon	28-1	546.14	648.57	586.61	593.77	8.69	ppb
Silver	109-1	0.02	0.03	0.03	0.03	14.50	ppb
Silver	107-1	0.03	0.02	0.01	0.02	70.31	ppb
Sodium	23-2	86.76	63.25	64.07	71.36	18.70	ppb
Strontium	86-1	6.12	6.05	5.58	5.92	4.97	ppb
Strontium	88-1	6.29	6.27	5.99	6.18	2.69	ppb
Sulfur	34-1	-6094.58	-5751.39	-5783.41	-5876.46		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.02	0.01	0.02	32.76	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	26.64	ppb
Tin	118-1	0.00	0.01	-0.01	0.00	292.10	ppb
Titanium	47-1	9.22	10.72	10.11	10.02	7.50	ppb
Uranium	238-1	0.97	0.98	0.97	0.97	0.62	ppb
Vanadium	51-2	9.70	8.76	8.72	9.06	6.10	ppb
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	19.56	17.39	17.57	18.18	6.63	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-05-29 15:42:26	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.39	2.34	2.43	2.39	2.03	ppb
Zirconium	91-1	2.59	2.42	2.42	2.48	3.93	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-04DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 15:46:06	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22100.51	22365.12	21625.51	22030.38	1.70	ppb
Antimony	121-1	35.78	35.68	36.73	36.06	1.60	ppb
Arsenic	75-2	73.46	74.49	73.88	73.94	0.70	ppb
Barium	135-1	1513.99	1492.08	1555.18	1520.42	2.11	ppb
Barium	137-1	1562.75	1529.01	1567.37	1553.04	1.35	ppb
Beryllium	9-1	88.58	87.91	88.41	88.30	0.39	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	86.39	91.28	93.17	90.28	3.88	ppb
Boron	11-1	90.87	88.83	90.13	89.94	1.15	ppb
Cadmium	111-1	92.43	89.71	90.65	90.93	1.52	ppb
Cadmium	106-1	94.57	89.68	97.01	93.75	3.98	ppb
Cadmium	108-1	90.39	90.04	91.86	90.76	1.06	ppb
Calcium	43-1	11809.49	11652.79	11444.41	11635.57	1.57	ppb
Calcium	44-1	12036.76	11986.22	11566.49	11863.16	2.18	ppb
Chromium	52-2	153.52	154.35	150.59	152.82	1.29	ppb
Cobalt	59-2	104.92	107.52	104.22	105.55	1.65	ppb
Copper	63-2	219.21	221.65	214.52	218.46	1.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	16389.21	16608.69	16027.86	16341.92	1.79	ppb
Iron	57-2	16156.44	16418.23	16100.40	16225.02	1.05	ppb
Krypton	83-1						cps
Lead	206-1	107.79	107.95	107.56	107.77	0.18	ppb
Lead	207-1	101.75	102.58	101.89	102.07	0.43	ppb
Lead	208-1	103.04	103.78	103.26	103.36	0.37	ppb
Lithium	6-1				100		%
Magnesium	24-2	14209.38	14157.99	13664.72	14010.70	2.15	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-04DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 15:46:06	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	264.48	266.48	260.84	263.93	1.08	ppb
Molybdenum	94-1	431.77	438.54	429.25	433.18	1.11	ppb
Molybdenum	95-1	427.66	431.18	425.04	427.96	0.72	ppb
Molybdenum	96-1	421.65	423.03	423.57	422.75	0.23	ppb
Molybdenum	97-1	413.92	417.04	412.83	414.59	0.53	ppb
Molybdenum	98-1	427.62	428.44	418.86	424.97	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.41	135.81	133.29	134.84	1.00	ppb
Phosphorus	31-2	12.83	65.17	-11.44	22.19	176.48	ppb
Potassium	39-2	5444.93	5440.26	5340.89	5408.69	1.09	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	77-2	83.89	81.97	79.83	81.90	2.47	ppb
Selenium	78-2	79.21	77.32	77.26	77.93	1.42	ppb
Selenium	82-1	72.99	73.77	71.50	72.76	1.58	ppb
Silicon	28-1	2486.84	2496.92	2429.20	2470.99	1.48	ppb
Silver	109-1	86.96	87.16	87.31	87.14	0.20	ppb
Silver	107-1	86.95	85.80	88.63	87.13	1.63	ppb
Sodium	23-2	11051.61	10821.43	10699.40	10857.48	1.65	ppb
Strontium	86-1	105.76	105.63	105.96	105.78	0.16	ppb
Strontium	88-1	107.99	107.56	106.77	107.44	0.58	ppb
Sulfur	34-1	-5606.61	-5900.16	-5760.20	-5755.65		ppb
Terbium	159-1				107		%
Terbium	159-2				110		%
Thallium	203-1	83.34	83.39	83.11	83.28	0.18	ppb
Thallium	205-1	85.54	85.36	85.93	85.61	0.34	ppb
Tin	118-1	75.22	74.00	76.12	75.11	1.42	ppb
Titanium	47-1	523.70	516.65	517.57	519.31	0.74	ppb
Uranium	238-1	93.82	93.18	92.57	93.19	0.67	ppb
Vanadium	51-2	131.82	131.85	129.20	130.96	1.16	ppb
Yttrium	89-1				123		%
Yttrium	89-2				122		%
Zinc	66-2	274.35	277.28	268.14	273.26	1.71	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-04DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 15:46:06	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	84.88	84.26	85.08	84.74	0.51	ppb
Zirconium	91-1	83.91	85.57	85.36	84.95	1.07	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-05DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 15:49:44	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20220.29	19863.24	20425.98	20169.83	1.41	ppb
Antimony	121-1	40.48	42.18	40.84	41.16	2.17	ppb
Arsenic	75-2	81.16	82.92	82.20	82.10	1.08	ppb
Barium	135-1	1393.00	1436.76	1413.28	1414.34	1.55	ppb
Barium	137-1	1400.05	1466.25	1417.17	1427.82	2.41	ppb
Beryllium	9-1	97.64	96.49	93.93	96.02	1.98	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	92.58	86.40	88.88	89.29	3.48	ppb
Boron	11-1	88.56	91.26	88.73	89.52	1.69	ppb
Cadmium	111-1	97.42	102.12	98.71	99.42	2.45	ppb
Cadmium	106-1	96.57	105.30	104.66	102.17	4.76	ppb
Cadmium	108-1	99.12	98.16	97.01	98.10	1.08	ppb
Calcium	43-1	11442.52	11591.75	11603.97	11546.08	0.78	ppb
Calcium	44-1	11830.12	11609.12	11894.17	11777.80	1.27	ppb
Chromium	52-2	157.47	154.32	157.76	156.52	1.22	ppb
Cobalt	59-2	113.99	113.59	114.70	114.09	0.49	ppb
Copper	63-2	218.96	215.54	217.49	217.33	0.79	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				110		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	15482.78	14983.75	15495.98	15320.84	1.91	ppb
Iron	57-2	15131.91	15287.68	15249.13	15222.91	0.53	ppb
Krypton	83-1						cps
Lead	206-1	115.76	114.41	116.06	115.41	0.76	ppb
Lead	207-1	109.44	109.18	109.96	109.53	0.37	ppb
Lead	208-1	110.84	110.59	111.53	110.99	0.44	ppb
Lithium	6-1				102		%
Magnesium	24-2	13715.47	13572.60	13754.21	13680.76	0.70	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-05DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 15:49:44	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	260.44	254.90	257.18	257.51	1.08	ppb
Molybdenum	94-1	446.41	449.77	442.62	446.27	0.80	ppb
Molybdenum	95-1	439.99	429.43	430.59	433.34	1.34	ppb
Molybdenum	96-1	433.72	429.14	431.09	431.32	0.53	ppb
Molybdenum	97-1	420.47	414.22	418.95	417.88	0.78	ppb
Molybdenum	98-1	435.90	428.90	432.03	432.28	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	145.78	143.42	143.67	144.29	0.90	ppb
Phosphorus	31-2	17.78	17.18	23.57	19.51	18.10	ppb
Potassium	39-2	5304.27	5244.33	5318.80	5289.13	0.75	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	77-2	86.74	100.60	85.76	91.04	9.12	ppb
Selenium	78-2	75.28	84.14	80.38	79.94	5.56	ppb
Selenium	82-1	80.40	82.25	80.16	80.94	1.41	ppb
Silicon	28-1	2152.77	2032.56	2246.06	2143.80	4.99	ppb
Silver	109-1	92.48	94.08	94.12	93.56	1.00	ppb
Silver	107-1	93.85	96.67	94.16	94.89	1.63	ppb
Sodium	23-2	10942.18	10537.74	10912.10	10797.34	2.09	ppb
Strontium	86-1	113.72	113.37	114.65	113.91	0.58	ppb
Strontium	88-1	118.24	114.84	116.78	116.62	1.46	ppb
Sulfur	34-1	-5603.56	-5644.07	-5466.98	-5571.54		ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	92.13	91.53	92.42	92.03	0.49	ppb
Thallium	205-1	93.84	92.61	94.35	93.60	0.95	ppb
Tin	118-1	73.33	77.67	75.00	75.33	2.90	ppb
Titanium	47-1	480.33	467.88	492.32	480.18	2.54	ppb
Uranium	238-1	101.07	101.19	101.99	101.42	0.49	ppb
Vanadium	51-2	137.09	136.37	136.62	136.69	0.27	ppb
Yttrium	89-1				123		%
Yttrium	89-2				121		%
Zinc	66-2	266.47	268.42	270.32	268.40	0.72	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-05DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 15:49:44	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	90.51	91.38	91.02	90.97	0.49	ppb
Zirconium	91-1	92.02	90.55	89.98	90.85	1.16	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:54:55	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52307.84	54391.82	54854.93	53851.53	2.52	ppb
Antimony	121-1	483.23	492.34	489.88	488.48	0.96	ppb
Arsenic	75-2	487.98	492.01	493.99	491.33	0.62	ppb
Barium	135-1	2432.94	2412.68	2440.05	2428.56	0.58	ppb
Barium	137-1	2464.28	2441.30	2481.89	2462.49	0.83	ppb
Beryllium	9-1	480.56	483.15	476.48	480.06	0.70	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	469.82	474.15	480.68	474.89	1.15	ppb
Boron	11-1	470.05	475.39	477.46	474.30	0.81	ppb
Cadmium	111-1	483.53	475.54	474.84	477.97	1.01	ppb
Cadmium	106-1	471.07	483.51	484.31	479.63	1.55	ppb
Cadmium	108-1	484.63	480.75	470.16	478.51	1.57	ppb
Calcium	43-1	251985.19	240063.94	246977.08	246342.07	2.43	ppb
Calcium	44-1	251121.17	243018.23	240381.20	244840.20	2.29	ppb
Chromium	52-2	506.60	510.48	515.50	510.86	0.87	ppb
Cobalt	59-2	492.81	508.26	510.38	503.82	1.90	ppb
Copper	63-2	977.60	993.56	1002.61	991.25	1.28	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				107		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	125768.28	127624.84	129456.49	127616.54	1.45	ppb
Iron	57-2	127596.81	128974.05	129815.20	128795.35	0.87	ppb
Krypton	83-1						cps
Lead	206-1	497.86	499.94	494.76	497.52	0.52	ppb
Lead	207-1	499.80	498.24	503.26	500.43	0.51	ppb
Lead	208-1	504.73	502.70	504.76	504.06	0.23	ppb
Lithium	6-1				101		%
Magnesium	24-2	243124.91	251099.16	249273.97	247832.68	1.69	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:54:55	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	982.66	1001.95	1011.64	998.75	1.48	ppb
Molybdenum	94-1	2547.90	2527.53	2521.22	2532.22	0.55	ppb
Molybdenum	95-1	2512.86	2508.81	2538.29	2519.99	0.63	ppb
Molybdenum	96-1	2518.01	2506.28	2537.21	2520.50	0.62	ppb
Molybdenum	97-1	2560.97	2495.56	2491.51	2516.01	1.55	ppb
Molybdenum	98-1	2558.86	2524.97	2506.41	2530.08	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.15	503.44	504.73	502.44	0.58	ppb
Phosphorus	31-2	9553.60	9323.23	9747.87	9541.57	2.23	ppb
Potassium	39-2	126398.78	129926.48	129081.65	128468.97	1.43	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	491.36	472.44	462.84	475.55	3.05	ppb
Selenium	78-2	472.37	484.95	486.41	481.24	1.60	ppb
Selenium	82-1	484.79	476.07	477.42	479.43	0.98	ppb
Silicon	28-1	398.22	360.30	409.47	389.33	6.62	ppb
Silver	109-1	494.17	480.63	479.08	484.63	1.71	ppb
Silver	107-1	480.14	472.94	478.97	477.35	0.81	ppb
Sodium	23-2	242959.06	247901.67	246125.78	245662.17	1.02	ppb
Strontium	86-1	495.11	491.06	493.62	493.26	0.42	ppb
Strontium	88-1	493.87	497.59	504.88	498.78	1.12	ppb
Sulfur	34-1	6695.65	6685.60	7003.36	6794.87	2.66	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	498.81	498.92	498.72	498.81	0.02	ppb
Thallium	205-1	508.93	515.40	500.65	508.33	1.45	ppb
Tin	118-1	487.10	480.90	481.57	483.19	0.70	ppb
Titanium	47-1	2510.17	2461.58	2494.78	2488.84	1.00	ppb
Uranium	238-1	516.64	522.44	524.70	521.26	0.80	ppb
Vanadium	51-2	497.86	510.36	508.63	505.61	1.34	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	984.38	998.19	1004.32	995.63	1.03	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:54:55	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	498.30	492.70	504.06	498.35	1.14	ppb
Zirconium	91-1	500.32	491.03	495.49	495.61	0.94	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:58:30	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.16	2.96	0.49	1.54	83.09	ppb
Antimony	121-1	0.09	0.06	0.08	0.08	17.90	ppb
Arsenic	75-2	0.02	0.02	0.02	0.02	11.16	ppb
Barium	135-1	0.07	0.05	0.01	0.04	73.51	ppb
Barium	137-1	0.12	0.05	0.06	0.08	48.02	ppb
Beryllium	9-1	0.10	0.04	0.08	0.08	37.98	ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Boron	10-1	6.69	4.88	5.97	5.85	15.57	ppb
Boron	11-1	5.66	4.91	6.28	5.62	12.16	ppb
Cadmium	111-1	-0.13	-0.08	0.07	-0.05		ppb
Cadmium	106-1	-2.20	-1.37	0.72	-0.95		ppb
Cadmium	108-1	-0.08	0.07	0.00	0.00		ppb
Calcium	43-1	10.50	-15.03	-6.02	-3.52		ppb
Calcium	44-1	-12.57	-7.89	-0.96	-7.14		ppb
Chromium	52-2	-0.04	0.03	-0.07	-0.03		ppb
Cobalt	59-2	0.00	-0.03	-0.01	-0.01		ppb
Copper	63-2	-0.04	-0.06	0.00	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	1.66	0.96	0.56	1.06	52.51	ppb
Iron	57-2	1.58	2.46	-0.06	1.32	96.50	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.06	0.05	0.07	25.40	ppb
Lead	207-1	0.11	0.13	0.10	0.11	11.02	ppb
Lead	208-1	0.09	0.09	0.08	0.09	3.16	ppb
Lithium	6-1				103		%
Magnesium	24-2	3.12	2.12	2.91	2.72	19.32	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:58:30	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.02	-0.03	0.00	1450.79	ppb
Molybdenum	94-1	0.07	0.11	-0.03	0.05	148.96	ppb
Molybdenum	95-1	0.03	0.07	0.05	0.05	37.46	ppb
Molybdenum	96-1	0.05	0.05	0.06	0.05	8.67	ppb
Molybdenum	97-1	0.12	0.11	0.03	0.08	56.38	ppb
Molybdenum	98-1	0.07	0.06	0.03	0.05	33.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.10	0.02	0.06	63.98	ppb
Phosphorus	31-2	-78.53	-72.52	-42.38	-64.47		ppb
Potassium	39-2	3.21	6.45	9.18	6.28	47.57	ppb
Rhodium	103-1				105		%
Rhodium	103-2				108		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	-0.32	-0.32	-0.32	-0.32		ppb
Selenium	78-2	-0.47	0.46	-0.57	-0.19		ppb
Selenium	82-1	-0.98	0.32	-1.02	-0.56		ppb
Silicon	28-1	-116.78	-47.23	-1.34	-55.12		ppb
Silver	109-1	0.18	0.12	0.13	0.14	22.56	ppb
Silver	107-1	0.14	0.11	0.16	0.14	16.66	ppb
Sodium	23-2	70.80	72.56	67.87	70.41	3.36	ppb
Strontium	86-1	0.03	0.07	0.00	0.03	122.56	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	109.59	ppb
Sulfur	34-1	-2835.86	-2187.89	-1648.85	-2224.20		ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.01	0.02	0.02	34.13	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	3.34	ppb
Tin	118-1	0.07	0.08	0.04	0.07	33.57	ppb
Titanium	47-1	-0.65	-0.21	-0.10	-0.32		ppb
Uranium	238-1	0.01	0.00	0.00	0.00	110.41	ppb
Vanadium	51-2	0.00	0.01	-0.02	-0.01		ppb
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	0.05	0.08	0.06	0.06	19.92	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:58:30	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	-0.01	0.00	629.86	ppb
Zirconium	91-1	0.04	0.01	0.01	0.02	81.40	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 16:02:10	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21838.61	21622.65	21328.26	21596.51	1.19	ppb
Antimony	121-1	37.46	37.45	37.33	37.41	0.19	ppb
Arsenic	75-2	77.53	76.97	79.97	78.16	2.04	ppb
Barium	135-1	1473.65	1467.58	1497.71	1479.65	1.08	ppb
Barium	137-1	1499.91	1488.91	1496.04	1494.95	0.37	ppb
Beryllium	9-1	91.52	94.11	91.66	92.43	1.58	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	86.16	94.83	91.21	90.73	4.80	ppb
Boron	11-1	91.12	92.76	94.21	92.70	1.67	ppb
Cadmium	111-1	94.45	95.61	96.09	95.38	0.88	ppb
Cadmium	106-1	98.51	98.85	102.07	99.81	1.97	ppb
Cadmium	108-1	94.35	91.54	94.92	93.60	1.93	ppb
Calcium	43-1	12085.94	11499.03	11750.78	11778.58	2.50	ppb
Calcium	44-1	11951.97	11703.16	11947.38	11867.50	1.20	ppb
Chromium	52-2	152.30	154.89	150.81	152.67	1.35	ppb
Cobalt	59-2	108.93	108.20	106.35	107.83	1.24	ppb
Copper	63-2	218.47	218.29	215.71	217.49	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				110		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	16060.37	16132.24	15963.36	16051.99	0.53	ppb
Iron	57-2	16061.15	15899.45	15864.33	15941.64	0.66	ppb
Krypton	83-1						cps
Lead	206-1	111.37	108.54	109.97	109.96	1.29	ppb
Lead	207-1	106.26	105.97	105.29	105.84	0.47	ppb
Lead	208-1	107.06	105.78	106.59	106.48	0.61	ppb
Lithium	6-1				104		%
Magnesium	24-2	14283.73	13914.31	13836.74	14011.59	1.70	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 16:02:10	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	261.08	264.48	259.27	261.61	1.01	ppb
Molybdenum	94-1	426.71	435.81	441.65	434.72	1.73	ppb
Molybdenum	95-1	421.67	425.97	432.08	426.58	1.23	ppb
Molybdenum	96-1	420.30	432.55	426.98	426.61	1.44	ppb
Molybdenum	97-1	410.36	417.46	418.59	415.47	1.07	ppb
Molybdenum	98-1	427.04	425.48	431.39	427.97	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	139.32	138.66	137.31	138.43	0.74	ppb
Phosphorus	31-2	-20.56	-6.31	27.96	0.36	6882.11	ppb
Potassium	39-2	5386.08	5419.79	5316.43	5374.10	0.98	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	77-2	93.75	102.34	87.24	94.45	8.01	ppb
Selenium	78-2	78.67	82.81	79.98	80.49	2.63	ppb
Selenium	82-1	75.84	76.12	76.63	76.20	0.53	ppb
Silicon	28-1	2684.23	2568.65	2564.89	2605.92	2.60	ppb
Silver	109-1	89.71	89.18	90.95	89.95	1.01	ppb
Silver	107-1	89.14	89.19	91.28	89.87	1.35	ppb
Sodium	23-2	11003.71	10907.78	10757.26	10889.58	1.14	ppb
Strontium	86-1	108.62	109.19	109.03	108.94	0.27	ppb
Strontium	88-1	110.61	111.83	112.49	111.64	0.85	ppb
Sulfur	34-1	-3000.05	-3426.43	-3418.55	-3281.68		ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	88.17	87.29	87.93	87.79	0.52	ppb
Thallium	205-1	90.21	87.45	89.66	89.11	1.64	ppb
Tin	118-1	74.63	73.92	73.73	74.10	0.64	ppb
Titanium	47-1	507.63	498.18	511.26	505.69	1.34	ppb
Uranium	238-1	98.10	96.73	95.57	96.80	1.31	ppb
Vanadium	51-2	134.77	132.73	132.44	133.32	0.95	ppb
Yttrium	89-1				122		%
Yttrium	89-2				120		%
Zinc	66-2	274.87	273.49	270.04	272.80	0.91	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 16:02:10	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	85.10	86.50	86.38	85.99	0.91	ppb
Zirconium	91-1	84.71	86.96	87.56	86.41	1.74	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-03DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-22(1.5-2)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 16:05:48	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14783.18	14843.26	14861.02	14829.16	0.28	ppb
Antimony	121-1	0.08	0.05	0.05	0.06	29.56	ppb
Arsenic	75-2	3.81	3.63	3.65	3.70	2.67	ppb
Barium	135-1	78.86	78.32	78.40	78.53	0.37	ppb
Barium	137-1	78.76	78.33	79.16	78.75	0.53	ppb
Beryllium	9-1	0.78	0.83	0.72	0.78	7.55	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	6.05	4.97	4.46	5.16	15.76	ppb
Boron	11-1	5.99	6.18	5.51	5.89	5.79	ppb
Cadmium	111-1	0.27	0.40	0.32	0.33	20.31	ppb
Cadmium	106-1	0.80	2.39	1.69	1.63	48.99	ppb
Cadmium	108-1	0.61	0.68	0.38	0.56	27.73	ppb
Calcium	43-1	544.22	602.92	635.04	594.06	7.75	ppb
Calcium	44-1	587.60	604.60	605.13	599.11	1.66	ppb
Chromium	52-2	22.02	22.48	21.83	22.11	1.51	ppb
Cobalt	59-2	14.30	14.59	14.64	14.51	1.26	ppb
Copper	63-2	29.38	29.63	29.30	29.44	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	24561.56	24831.34	25011.97	24801.62	0.91	ppb
Iron	57-2	24369.31	24684.94	24764.31	24606.19	0.85	ppb
Krypton	83-1						cps
Lead	206-1	24.29	24.95	24.76	24.67	1.38	ppb
Lead	207-1	22.77	22.73	23.02	22.84	0.69	ppb
Lead	208-1	23.43	23.65	23.40	23.50	0.59	ppb
Lithium	6-1				99		%
Magnesium	24-2	4516.58	4440.72	4496.80	4484.70	0.88	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-03DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-22(1.5-2)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 16:05:48	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	575.98	580.85	590.14	582.32	1.24	ppb
Molybdenum	94-1	8.73	8.10	8.06	8.30	4.52	ppb
Molybdenum	95-1	0.20	0.20	0.19	0.19	2.89	ppb
Molybdenum	96-1	1.25	1.26	1.42	1.31	7.31	ppb
Molybdenum	97-1	0.24	0.31	0.18	0.24	27.67	ppb
Molybdenum	98-1	0.19	0.21	0.20	0.20	4.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.90	24.86	24.95	24.91	0.19	ppb
Phosphorus	31-2	565.40	567.91	609.52	580.95	4.27	ppb
Potassium	39-2	917.64	913.45	947.88	926.33	2.03	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	7.62	6.76	2.34	5.57	50.86	ppb
Selenium	78-2	0.53	-0.68	1.69	0.51	230.29	ppb
Selenium	82-1	0.51	-0.39	-0.13	0.00		ppb
Silicon	28-1	1342.56	1536.95	1491.54	1457.01	6.98	ppb
Silver	109-1	0.12	0.11	0.13	0.12	7.81	ppb
Silver	107-1	0.11	0.11	0.12	0.11	4.14	ppb
Sodium	23-2	113.57	113.45	117.94	114.99	2.22	ppb
Strontium	86-1	6.29	5.89	6.10	6.09	3.27	ppb
Strontium	88-1	6.27	6.24	6.28	6.26	0.29	ppb
Sulfur	34-1	-4297.86	-4057.69	-3976.93	-4110.83		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.14	0.12	0.15	0.14	10.34	ppb
Thallium	205-1	0.10	0.15	0.12	0.12	20.97	ppb
Tin	118-1	0.08	0.14	0.11	0.11	29.21	ppb
Titanium	47-1	49.59	64.91	46.34	53.61	18.50	ppb
Uranium	238-1	0.79	0.82	0.81	0.81	1.82	ppb
Vanadium	51-2	26.41	26.96	26.81	26.73	1.08	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	100.71	100.89	100.57	100.72	0.16	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-03DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-22(1.5-2)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 16:05:48	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	5.21	5.28	5.34	5.28	1.29	ppb
Zirconium	91-1	5.39	4.86	5.14	5.13	5.20	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3036-01DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-26(2.5-3)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 16:09:28	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9881.28	9952.77	9133.55	9655.87	4.70	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	6.45	ppb
Arsenic	75-2	2.23	2.16	1.92	2.10	7.62	ppb
Barium	135-1	95.71	96.78	93.87	95.45	1.54	ppb
Barium	137-1	97.21	99.08	97.37	97.89	1.06	ppb
Beryllium	9-1	0.67	0.73	0.58	0.66	10.79	ppb
Bismuth	209-1				97		%
Bismuth	209-2				103		%
Boron	10-1	3.87	5.05	3.60	4.17	18.56	ppb
Boron	11-1	3.82	4.19	4.82	4.28	11.88	ppb
Cadmium	111-1	0.07	0.08	0.08	0.08	9.07	ppb
Cadmium	106-1	0.16	-0.11	0.28	0.11	179.05	ppb
Cadmium	108-1	1.03	0.57	0.64	0.75	33.49	ppb
Calcium	43-1	1051.30	1049.78	1081.89	1060.99	1.71	ppb
Calcium	44-1	1060.07	1088.87	1062.46	1070.47	1.49	ppb
Chromium	52-2	53.56	52.97	49.39	51.98	4.34	ppb
Cobalt	59-2	9.45	9.30	8.88	9.21	3.18	ppb
Copper	63-2	17.78	17.40	16.25	17.14	4.64	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				99		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				105		%
Iron	56-2	18344.41	18120.60	17044.15	17836.39	3.90	ppb
Iron	57-2	18028.43	18116.74	17027.74	17724.30	3.41	ppb
Krypton	83-1						cps
Lead	206-1	7.84	8.28	7.76	7.96	3.54	ppb
Lead	207-1	7.50	7.65	7.43	7.53	1.48	ppb
Lead	208-1	7.53	7.67	7.51	7.57	1.12	ppb
Lithium	6-1				92		%
Magnesium	24-2	4279.64	4238.39	3919.58	4145.87	4.75	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3036-01DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-26(2.5-3)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 16:09:28	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	99.27	97.12	90.65	95.68	4.69	ppb
Molybdenum	94-1	11.32	11.54	11.74	11.53	1.83	ppb
Molybdenum	95-1	0.22	0.26	0.20	0.23	12.06	ppb
Molybdenum	96-1	1.50	1.53	1.78	1.60	9.81	ppb
Molybdenum	97-1	0.17	0.23	0.29	0.23	25.55	ppb
Molybdenum	98-1	0.18	0.15	0.20	0.18	15.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.87	20.98	19.14	20.66	6.74	ppb
Phosphorus	31-2	208.06	148.23	103.49	153.26	34.23	ppb
Potassium	39-2	733.18	714.15	656.84	701.39	5.67	ppb
Rhodium	103-1				102		%
Rhodium	103-2				108		%
Scandium	45-1				98		%
Scandium	45-2				104		%
Selenium	77-2	10.99	6.64	8.78	8.80	24.75	ppb
Selenium	78-2	1.94	0.33	1.93	1.40	66.43	ppb
Selenium	82-1	0.87	0.85	0.49	0.74	28.83	ppb
Silicon	28-1	1618.18	1750.68	1710.62	1693.16	4.01	ppb
Silver	109-1	0.08	0.04	0.06	0.06	40.52	ppb
Silver	107-1	0.07	0.05	0.04	0.05	21.86	ppb
Sodium	23-2	121.52	111.89	104.06	112.49	7.77	ppb
Strontium	86-1	5.43	5.68	6.11	5.74	6.00	ppb
Strontium	88-1	5.88	6.01	6.19	6.03	2.63	ppb
Sulfur	34-1	-4086.51	-3925.39	-4232.61	-4081.50		ppb
Terbium	159-1				100		%
Terbium	159-2				107		%
Thallium	203-1	0.05	0.03	0.04	0.04	24.22	ppb
Thallium	205-1	0.06	0.07	0.07	0.07	12.34	ppb
Tin	118-1	0.15	0.12	0.11	0.13	15.45	ppb
Titanium	47-1	99.48	105.83	98.40	101.24	3.96	ppb
Uranium	238-1	1.58	1.49	1.51	1.53	3.20	ppb
Vanadium	51-2	24.04	23.82	21.67	23.18	5.64	ppb
Yttrium	89-1				105		%
Yttrium	89-2				111		%
Zinc	66-2	53.02	53.88	50.01	52.30	3.89	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3036-01DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-26(2.5-3)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 16:09:28	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	7.21	7.25	7.40	7.29	1.41	ppb
Zirconium	91-1	7.32	7.19	7.20	7.24	0.98	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3036-02DLX5	Instrumnet Name :	P8
Client Sample ID :	FEQC-DUP-052319DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 16:13:08	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10588.72	10585.29	10603.90	10592.64	0.09	ppb
Antimony	121-1	0.03	0.02	0.03	0.03	18.71	ppb
Arsenic	75-2	1.30	1.30	1.38	1.33	3.21	ppb
Barium	135-1	62.86	62.22	65.78	63.62	2.98	ppb
Barium	137-1	63.07	61.99	65.62	63.56	2.94	ppb
Beryllium	9-1	0.70	1.04	0.79	0.84	20.74	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Boron	10-1	5.45	4.73	4.62	4.93	9.14	ppb
Boron	11-1	3.55	4.08	4.89	4.17	16.09	ppb
Cadmium	111-1	0.25	0.19	0.17	0.21	19.74	ppb
Cadmium	106-1	0.38	1.18	0.50	0.69	63.37	ppb
Cadmium	108-1	0.54	0.92	1.11	0.86	34.07	ppb
Calcium	43-1	2536.86	2430.30	2464.38	2477.18	2.20	ppb
Calcium	44-1	2547.66	2464.59	2416.86	2476.37	2.67	ppb
Chromium	52-2	42.88	41.73	42.15	42.25	1.38	ppb
Cobalt	59-2	13.25	13.03	12.63	12.97	2.45	ppb
Copper	63-2	20.24	19.23	18.82	19.43	3.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				109		%
Indium	115-1				102		%
Indium	115-2				107		%
Iron	56-2	24093.14	23262.79	22757.42	23371.11	2.89	ppb
Iron	57-2	23441.73	23036.37	22531.10	23003.07	1.98	ppb
Krypton	83-1						cps
Lead	206-1	8.09	7.95	7.93	7.99	1.09	ppb
Lead	207-1	7.29	7.05	7.16	7.17	1.71	ppb
Lead	208-1	7.47	7.34	7.36	7.39	0.91	ppb
Lithium	6-1				94		%
Magnesium	24-2	6273.37	6117.87	6211.09	6200.77	1.26	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3036-02DLX5	Instrumnet Name :	P8
Client Sample ID :	FEQC-DUP-052319DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 16:13:08	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	142.67	139.56	137.78	140.00	1.77	ppb
Molybdenum	94-1	15.33	15.46	14.96	15.25	1.70	ppb
Molybdenum	95-1	0.10	0.15	0.16	0.14	21.25	ppb
Molybdenum	96-1	2.00	1.91	2.06	1.99	3.84	ppb
Molybdenum	97-1	0.10	0.10	0.18	0.13	35.04	ppb
Molybdenum	98-1	0.10	0.12	0.06	0.10	32.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.94	30.13	29.30	30.13	2.72	ppb
Phosphorus	31-2	380.02	403.72	271.75	351.83	20.00	ppb
Potassium	39-2	667.48	638.08	637.02	647.53	2.67	ppb
Rhodium	103-1				103		%
Rhodium	103-2				109		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	77-2	10.85	3.91	8.08	7.61	45.90	ppb
Selenium	78-2	1.24	1.02	0.45	0.90	45.10	ppb
Selenium	82-1	-0.36	0.32	-2.12	-0.72		ppb
Silicon	28-1	1369.14	1307.88	1311.07	1329.36	2.59	ppb
Silver	109-1	0.04	0.02	0.03	0.03	33.60	ppb
Silver	107-1	0.04	0.02	0.04	0.03	26.06	ppb
Sodium	23-2	122.04	117.42	109.41	116.29	5.49	ppb
Strontium	86-1	5.60	5.90	6.06	5.85	4.01	ppb
Strontium	88-1	5.86	6.01	5.95	5.94	1.23	ppb
Sulfur	34-1	-4507.93	-4846.01	-5080.33	-4811.42		ppb
Terbium	159-1				103		%
Terbium	159-2				108		%
Thallium	203-1	0.09	0.07	0.04	0.07	42.89	ppb
Thallium	205-1	0.07	0.05	0.06	0.06	13.55	ppb
Tin	118-1	0.11	0.12	0.09	0.11	10.83	ppb
Titanium	47-1	484.22	482.92	469.16	478.77	1.74	ppb
Uranium	238-1	0.48	0.56	0.46	0.50	10.25	ppb
Vanadium	51-2	28.21	27.30	27.22	27.58	1.98	ppb
Yttrium	89-1				109		%
Yttrium	89-2				112		%
Zinc	66-2	72.96	73.31	70.46	72.24	2.15	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3036-02DLX5	Instrumnet Name :	P8
Client Sample ID :	FEQC-DUP-052319DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 16:13:08	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	9.34	9.47	9.51	9.44	0.90	ppb
Zirconium	91-1	9.93	9.92	9.87	9.91	0.34	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:16:52	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54085.42	56374.48	53720.16	54726.69	2.63	ppb
Antimony	121-1	502.02	500.23	504.43	502.23	0.42	ppb
Arsenic	75-2	495.64	495.01	498.52	496.39	0.38	ppb
Barium	135-1	2525.39	2500.06	2544.28	2523.24	0.88	ppb
Barium	137-1	2552.76	2516.03	2573.05	2547.28	1.13	ppb
Beryllium	9-1	480.06	476.32	480.28	478.89	0.46	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	457.33	480.04	498.28	478.55	4.29	ppb
Boron	11-1	475.91	481.99	486.57	481.49	1.11	ppb
Cadmium	111-1	486.02	484.79	490.01	486.94	0.56	ppb
Cadmium	106-1	496.42	497.97	492.06	495.48	0.62	ppb
Cadmium	108-1	503.92	483.53	495.83	494.43	2.08	ppb
Calcium	43-1	249757.22	245985.72	241957.42	245900.12	1.59	ppb
Calcium	44-1	246398.35	241568.31	242545.36	243504.01	1.05	ppb
Chromium	52-2	511.58	516.88	513.51	513.99	0.52	ppb
Cobalt	59-2	506.09	515.24	509.61	510.31	0.90	ppb
Copper	63-2	1000.53	994.85	1001.19	998.85	0.35	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				101		%
Indium	115-2				100		%
Iron	56-2	128584.42	131518.44	128250.13	129451.00	1.39	ppb
Iron	57-2	130247.85	131811.82	129779.61	130613.09	0.81	ppb
Krypton	83-1						cps
Lead	206-1	497.09	495.82	495.75	496.22	0.15	ppb
Lead	207-1	498.56	501.56	497.16	499.09	0.45	ppb
Lead	208-1	503.09	506.02	498.85	502.65	0.72	ppb
Lithium	6-1				99		%
Magnesium	24-2	246318.12	254819.36	246018.95	249052.14	2.01	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:16:52	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1009.51	1019.17	1006.46	1011.71	0.66	ppb
Molybdenum	94-1	2517.51	2527.46	2586.71	2543.89	1.47	ppb
Molybdenum	95-1	2506.40	2486.62	2567.03	2520.02	1.66	ppb
Molybdenum	96-1	2545.60	2494.63	2571.69	2537.31	1.54	ppb
Molybdenum	97-1	2530.85	2491.85	2508.09	2510.26	0.78	ppb
Molybdenum	98-1	2522.45	2478.04	2594.19	2531.56	2.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.31	511.23	513.87	510.47	0.75	ppb
Phosphorus	31-2	9784.26	9603.07	9816.42	9734.59	1.18	ppb
Potassium	39-2	127165.98	131418.52	126311.28	128298.59	2.13	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	453.95	444.64	472.48	457.02	3.10	ppb
Selenium	78-2	486.96	482.52	490.41	486.63	0.81	ppb
Selenium	82-1	494.79	485.17	480.72	486.89	1.48	ppb
Silicon	28-1	367.78	390.05	357.65	371.83	4.46	ppb
Silver	109-1	489.59	495.79	493.45	492.94	0.64	ppb
Silver	107-1	497.12	486.51	496.95	493.52	1.23	ppb
Sodium	23-2	245800.74	248990.55	247288.91	247360.07	0.65	ppb
Strontium	86-1	503.49	493.42	503.94	500.28	1.19	ppb
Strontium	88-1	511.97	507.67	514.45	511.36	0.67	ppb
Sulfur	34-1	6929.88	6784.79	6787.24	6833.97	1.22	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	500.20	490.52	497.96	496.23	1.02	ppb
Thallium	205-1	506.48	509.93	508.01	508.14	0.34	ppb
Tin	118-1	502.37	499.29	497.18	499.61	0.52	ppb
Titanium	47-1	2506.85	2469.31	2453.24	2476.47	1.11	ppb
Uranium	238-1	520.88	523.52	519.93	521.45	0.36	ppb
Vanadium	51-2	508.68	518.85	512.81	513.45	1.00	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	999.84	1010.67	1007.43	1005.98	0.55	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:16:52	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	514.57	505.04	503.14	507.58	1.21	ppb
Zirconium	91-1	503.47	494.67	497.64	498.59	0.90	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:20:32	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.08	2.02	1.16	1.75	29.49	ppb
Antimony	121-1	0.09	0.04	0.08	0.07	33.66	ppb
Arsenic	75-2	0.03	0.03	0.03	0.03	0.63	ppb
Barium	135-1	0.10	0.03	0.07	0.07	49.36	ppb
Barium	137-1	0.03	0.06	0.04	0.04	25.39	ppb
Beryllium	9-1	0.02	0.12	0.19	0.11	78.99	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	5.18	6.74	5.34	5.75	14.87	ppb
Boron	11-1	5.74	5.03	5.15	5.31	7.14	ppb
Cadmium	111-1	-0.07	0.00	0.00	-0.02		ppb
Cadmium	106-1	-1.06	0.03	-0.23	-0.42		ppb
Cadmium	108-1	0.00	0.00	0.00	0.00		ppb
Calcium	43-1	-0.91	-7.15	-21.06	-9.70		ppb
Calcium	44-1	-3.43	-1.71	-8.17	-4.44		ppb
Chromium	52-2	0.04	0.02	0.04	0.03	29.50	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	37.94	ppb
Copper	63-2	-0.05	-0.02	-0.11	-0.06		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				104		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	56-2	2.26	2.00	2.36	2.21	8.30	ppb
Iron	57-2	0.91	3.31	2.48	2.23	54.67	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.00	-0.01	0.01	282.56	ppb
Lead	207-1	0.07	0.00	0.07	0.05	94.33	ppb
Lead	208-1	0.05	0.02	0.06	0.04	51.73	ppb
Lithium	6-1				99		%
Magnesium	24-2	5.59	8.15	8.02	7.25	19.93	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:20:32	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.04	0.02	0.02	114.91	ppb
Molybdenum	94-1	0.05	0.02	0.04	0.04	33.03	ppb
Molybdenum	95-1	0.04	0.05	0.06	0.05	15.61	ppb
Molybdenum	96-1	0.02	0.06	0.03	0.04	60.00	ppb
Molybdenum	97-1	0.07	0.08	0.08	0.08	6.23	ppb
Molybdenum	98-1	0.03	0.07	0.03	0.04	51.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.03	0.00		ppb
Phosphorus	31-2	-104.57	-96.29	-22.54	-74.46		ppb
Potassium	39-2	9.11	15.35	14.35	12.94	25.92	ppb
Rhodium	103-1				105		%
Rhodium	103-2				108		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	0.58	-0.32	0.58	0.28	183.13	ppb
Selenium	78-2	0.02	-0.21	-0.56	-0.25		ppb
Selenium	82-1	-0.60	-2.71	0.55	-0.92		ppb
Silicon	28-1	-106.26	-75.76	-85.52	-89.18		ppb
Silver	109-1	0.11	0.09	0.10	0.10	8.36	ppb
Silver	107-1	0.08	0.10	0.08	0.09	13.58	ppb
Sodium	23-2	80.09	76.48	87.36	81.31	6.82	ppb
Strontium	86-1	-0.02	-0.08	-0.09	-0.06		ppb
Strontium	88-1	0.00	0.00	0.01	0.01	84.13	ppb
Sulfur	34-1	-2672.40	-2186.67	-2753.85	-2537.64		ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.02	-0.01	0.02	0.01	140.27	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	16.40	ppb
Tin	118-1	0.07	0.04	0.09	0.07	32.72	ppb
Titanium	47-1	-0.20	-0.39	-0.15	-0.25		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1022.29	ppb
Vanadium	51-2	0.00	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	0.01	0.21	0.11	0.11	86.41	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:20:32	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.01	0.02	65.52	ppb
Zirconium	91-1	0.01	0.00	0.00	0.01	84.31	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120159BL	Instrumnet Name :	P8
Client Sample ID :	PB120159BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:25:52	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.87	0.24	2.01	1.04	86.09	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	7.16	ppb
Arsenic	75-2	0.00	-0.01	-0.01	0.00		ppb
Barium	135-1	0.09	0.03	0.01	0.04	93.28	ppb
Barium	137-1	0.00	0.00	0.01	0.00	103.87	ppb
Beryllium	9-1	0.07	0.02	-0.01	0.03	136.01	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	0.97	2.14	2.11	1.74	38.43	ppb
Boron	11-1	2.23	1.87	2.10	2.07	8.73	ppb
Cadmium	111-1	-0.04	-0.10	0.02	-0.04		ppb
Cadmium	106-1	-0.65	-1.29	0.32	-0.54		ppb
Cadmium	108-1	0.07	0.23	0.07	0.12	71.44	ppb
Calcium	43-1	-10.99	-15.71	5.55	-7.05		ppb
Calcium	44-1	-5.74	-4.72	-8.58	-6.35		ppb
Chromium	52-2	-0.05	0.00	0.02	-0.01		ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.02		ppb
Copper	63-2	-0.13	-0.15	-0.14	-0.14		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	0.98	0.67	0.79	0.81	18.98	ppb
Iron	57-2	0.92	1.80	2.19	1.64	39.71	ppb
Krypton	83-1						cps
Lead	206-1	-0.09	-0.03	-0.05	-0.06		ppb
Lead	207-1	-0.04	-0.05	-0.09	-0.06		ppb
Lead	208-1	-0.05	-0.04	-0.06	-0.05		ppb
Lithium	6-1				100		%
Magnesium	24-2	1.29	3.11	1.61	2.01	48.54	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120159BL	Instrumnet Name :	P8
Client Sample ID :	PB120159BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:25:52	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	0.03	0.02	59.97	ppb
Molybdenum	94-1	0.02	-0.02	0.00	0.00	2645.11	ppb
Molybdenum	95-1	0.01	-0.01	0.01	0.01	195.22	ppb
Molybdenum	96-1	-0.02	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	0.02	0.04	0.01	0.02	65.44	ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.02	0.01	0.03	92.14	ppb
Phosphorus	31-2	-120.80	-85.15	-67.24	-91.06		ppb
Potassium	39-2	-5.61	-14.95	-12.98	-11.18		ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	-0.32	-0.32	-0.32	-0.32		ppb
Selenium	78-2	-0.79	0.01	0.91	0.04	1943.37	ppb
Selenium	82-1	-0.74	-0.34	-0.99	-0.69		ppb
Silicon	28-1	-100.16	-76.06	-147.94	-108.05		ppb
Silver	109-1	0.05	0.03	0.03	0.04	37.91	ppb
Silver	107-1	0.02	0.06	0.04	0.04	57.43	ppb
Sodium	23-2	42.94	45.64	44.54	44.38	3.06	ppb
Strontium	86-1	-0.08	0.02	-0.07	-0.04		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	320.88	ppb
Sulfur	34-1	-2552.37	-2217.33	-2636.44	-2468.71		ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	-0.02	-0.02	-0.01	-0.01		ppb
Thallium	205-1	0.01	0.02	0.00	0.01	90.93	ppb
Tin	118-1	0.01	0.06	0.04	0.04	69.48	ppb
Titanium	47-1	-0.33	-0.11	-0.16	-0.20		ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	0.72	0.64	0.72	0.69	6.54	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120159BL	Instrumnet Name :	P8
Client Sample ID :	PB120159BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:25:52	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	-0.02	0.00		ppb
Zirconium	91-1	-0.01	0.00	0.04	0.01	410.29	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120159BS	Instrumnet Name :	P8
Client Sample ID :	PB120159BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:29:32	DataFile Name :	054LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9899.99	9856.09	9865.86	9873.98	0.23	ppb
Antimony	121-1	504.61	514.20	509.34	509.38	0.94	ppb
Arsenic	75-2	503.83	498.48	496.55	499.62	0.75	ppb
Barium	135-1	2527.16	2506.09	2505.58	2512.94	0.49	ppb
Barium	137-1	2553.76	2490.69	2553.54	2532.67	1.44	ppb
Beryllium	9-1	473.89	463.69	470.12	469.23	1.10	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	475.40	471.32	471.50	472.74	0.49	ppb
Boron	11-1	462.20	464.09	467.47	464.59	0.57	ppb
Cadmium	111-1	510.31	498.07	500.95	503.11	1.27	ppb
Cadmium	106-1	512.61	483.91	511.00	502.51	3.21	ppb
Cadmium	108-1	502.27	495.65	499.67	499.20	0.67	ppb
Calcium	43-1	52436.18	51437.22	52179.72	52017.71	1.00	ppb
Calcium	44-1	51781.94	51084.86	52598.39	51821.73	1.46	ppb
Chromium	52-2	527.85	499.93	518.17	515.32	2.75	ppb
Cobalt	59-2	525.62	513.86	514.14	517.87	1.30	ppb
Copper	63-2	1077.93	1066.18	1059.55	1067.88	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	27215.76	27542.25	27377.67	27378.56	0.60	ppb
Iron	57-2	27512.61	27054.53	27047.55	27204.89	0.98	ppb
Krypton	83-1						cps
Lead	206-1	495.59	490.89	491.44	492.64	0.52	ppb
Lead	207-1	496.76	494.66	493.50	494.97	0.33	ppb
Lead	208-1	500.34	498.11	493.80	497.42	0.67	ppb
Lithium	6-1				98		%
Magnesium	24-2	51331.53	51237.43	50030.16	50866.37	1.43	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120159BS	Instrumnet Name :	P8
Client Sample ID :	PB120159BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:29:32	DataFile Name :	054LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1034.00	1000.89	1010.12	1015.00	1.68	ppb
Molybdenum	94-1	2501.92	2468.34	2515.40	2495.22	0.97	ppb
Molybdenum	95-1	2477.53	2493.30	2551.10	2507.31	1.54	ppb
Molybdenum	96-1	2485.86	2507.48	2531.79	2508.37	0.92	ppb
Molybdenum	97-1	2416.06	2477.93	2539.83	2477.94	2.50	ppb
Molybdenum	98-1	2469.78	2507.42	2543.50	2506.90	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	533.60	519.61	514.10	522.44	1.92	ppb
Phosphorus	31-2	9637.25	9898.24	9738.47	9757.99	1.35	ppb
Potassium	39-2	25961.34	26527.74	26825.99	26438.35	1.66	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	465.69	445.99	444.07	451.92	2.65	ppb
Selenium	78-2	498.62	499.15	490.36	496.04	0.99	ppb
Selenium	82-1	485.77	479.64	489.39	484.93	1.02	ppb
Silicon	28-1	418.53	344.49	378.04	380.35	9.75	ppb
Silver	109-1	514.04	505.26	511.98	510.43	0.90	ppb
Silver	107-1	511.61	505.10	511.35	509.35	0.72	ppb
Sodium	23-2	51536.69	50097.70	49846.69	50493.69	1.81	ppb
Strontium	86-1	493.97	493.97	498.71	495.55	0.55	ppb
Strontium	88-1	499.34	504.56	490.04	497.98	1.48	ppb
Sulfur	34-1	7014.13	5797.13	6782.51	6531.26	9.89	ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	493.33	493.99	489.37	492.23	0.51	ppb
Thallium	205-1	509.19	501.55	509.48	506.74	0.89	ppb
Tin	118-1	504.87	503.30	492.02	500.06	1.40	ppb
Titanium	47-1	2506.98	2435.37	2579.67	2507.34	2.88	ppb
Uranium	238-1	501.46	508.41	495.00	501.62	1.34	ppb
Vanadium	51-2	522.99	503.36	510.41	512.25	1.94	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	1060.86	1028.03	1031.37	1040.08	1.74	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120159BS	Instrumnet Name :	P8
Client Sample ID :	PB120159BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:29:32	DataFile Name :	054LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	498.73	480.00	501.57	493.43	2.38	ppb
Zirconium	91-1	492.78	477.92	494.36	488.35	1.86	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K2991-01	Instrumnet Name :	P8
Client Sample ID :	390516179.9	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:33:08	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.61	13.19	14.58	13.46	7.52	ppb
Antimony	121-1	0.18	0.23	0.21	0.20	11.84	ppb
Arsenic	75-2	8.25	8.66	8.32	8.41	2.55	ppb
Barium	135-1	32.47	32.31	33.46	32.75	1.89	ppb
Barium	137-1	31.37	33.79	32.77	32.64	3.72	ppb
Beryllium	9-1	0.15	0.06	0.10	0.10	41.94	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	12.57	9.70	11.44	11.24	12.88	ppb
Boron	11-1	11.69	10.74	11.25	11.23	4.25	ppb
Cadmium	111-1	0.02	-0.02	-0.01	0.00		ppb
Cadmium	106-1	-1.31	-1.04	-0.94	-1.10		ppb
Cadmium	108-1	0.30	0.63	0.31	0.41	45.78	ppb
Calcium	43-1	76399.25	77037.07	76250.82	76562.38	0.55	ppb
Calcium	44-1	76726.51	77071.24	75926.52	76574.76	0.77	ppb
Chromium	52-2	2.05	2.09	2.02	2.05	1.83	ppb
Cobalt	59-2	0.10	0.12	0.10	0.10	10.59	ppb
Copper	63-2	341.48	343.17	339.17	341.27	0.59	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				102		%
Indium	115-2				103		%
Iron	56-2	3825.12	3882.14	3854.63	3853.96	0.74	ppb
Iron	57-2	3695.63	3747.13	3750.64	3731.14	0.83	ppb
Krypton	83-1						cps
Lead	206-1	81.86	81.12	81.73	81.57	0.48	ppb
Lead	207-1	76.91	77.33	77.39	77.21	0.34	ppb
Lead	208-1	78.11	77.70	78.40	78.07	0.45	ppb
Lithium	6-1				95		%
Magnesium	24-2	29421.30	30140.40	29220.62	29594.11	1.63	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K2991-01	Instrumnet Name :	P8
Client Sample ID :	390516179.9	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:33:08	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	13.19	12.76	12.51	12.82	2.70	ppb
Molybdenum	94-1	0.16	0.23	0.10	0.16	42.28	ppb
Molybdenum	95-1	0.33	0.26	0.28	0.29	11.98	ppb
Molybdenum	96-1	0.31	0.21	0.23	0.25	22.31	ppb
Molybdenum	97-1	0.30	0.32	0.34	0.32	7.32	ppb
Molybdenum	98-1	0.35	0.32	0.19	0.29	28.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.44	15.70	15.60	15.58	0.86	ppb
Phosphorus	31-2	-43.41	-20.07	-45.65	-36.38		ppb
Potassium	39-2	3210.43	3293.98	3277.62	3260.68	1.36	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	1.53	-0.32	2.42	1.21	115.10	ppb
Selenium	78-2	0.95	-0.25	0.15	0.28	216.24	ppb
Selenium	82-1	-0.22	-0.43	-0.55	-0.40		ppb
Silicon	28-1	12140.18	12492.50	12491.28	12374.66	1.64	ppb
Silver	109-1	0.17	0.17	0.17	0.17	2.30	ppb
Silver	107-1	1.02	0.17	0.17	0.45	108.49	ppb
Sodium	23-2	57659.53	57749.17	58486.86	57965.18	0.78	ppb
Strontium	86-1	307.24	305.72	301.30	304.76	1.01	ppb
Strontium	88-1	317.43	315.18	308.57	313.73	1.47	ppb
Sulfur	34-1	3754.04	3829.45	3852.08	3811.86	1.35	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	0.03	-0.01	0.00	0.01	297.57	ppb
Thallium	205-1	0.04	0.01	0.03	0.03	43.05	ppb
Tin	118-1	2.15	2.35	2.24	2.25	4.33	ppb
Titanium	47-1	0.10	0.26	0.05	0.13	81.16	ppb
Uranium	238-1	0.02	0.00	0.01	0.01	72.01	ppb
Vanadium	51-2	1.10	1.09	1.07	1.09	1.30	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	927.18	938.05	927.86	931.03	0.65	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K2991-01	Instrumnet Name :	P8
Client Sample ID :	390516179.9	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:33:08	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.02	0.02	15.86	ppb
Zirconium	91-1	0.00	0.03	0.00	0.01	117.38	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01	Instrumnet Name :	P8
Client Sample ID :	390522109.3	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:36:46	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.76	20.97	15.90	16.87	21.94	ppb
Antimony	121-1	0.33	0.35	0.34	0.34	3.20	ppb
Arsenic	75-2	9.17	8.85	8.96	8.99	1.79	ppb
Barium	135-1	50.72	52.76	51.84	51.78	1.98	ppb
Barium	137-1	50.82	52.07	51.20	51.37	1.25	ppb
Beryllium	9-1	0.07	0.06	0.06	0.06	10.04	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	10-1	59.71	62.90	65.76	62.79	4.82	ppb
Boron	11-1	65.57	66.29	67.79	66.55	1.70	ppb
Cadmium	111-1	-0.07	0.04	0.01	0.00		ppb
Cadmium	106-1	-1.17	0.26	-0.23	-0.38		ppb
Cadmium	108-1	0.15	0.08	0.07	0.10	44.13	ppb
Calcium	43-1	48312.07	47961.53	48722.54	48332.05	0.79	ppb
Calcium	44-1	47866.50	47420.40	48640.33	47975.74	1.29	ppb
Chromium	52-2	1.16	1.09	1.15	1.14	3.23	ppb
Cobalt	59-2	0.03	0.03	0.07	0.05	48.99	ppb
Copper	63-2	357.47	365.71	364.12	362.43	1.21	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				106		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	349.74	344.72	350.90	348.45	0.94	ppb
Iron	57-2	333.35	359.43	362.93	351.90	4.59	ppb
Krypton	83-1						cps
Lead	206-1	94.84	94.32	91.89	93.68	1.68	ppb
Lead	207-1	86.76	86.77	86.69	86.74	0.05	ppb
Lead	208-1	89.07	88.13	87.97	88.39	0.67	ppb
Lithium	6-1				96		%
Magnesium	24-2	19982.17	19445.11	18964.49	19463.92	2.62	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01	Instrumnet Name :	P8
Client Sample ID :	390522109.3	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:36:46	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.85	5.26	4.81	4.98	5.02	ppb
Molybdenum	94-1	8.07	8.23	8.67	8.32	3.75	ppb
Molybdenum	95-1	11.49	12.02	12.83	12.11	5.56	ppb
Molybdenum	96-1	11.16	11.88	12.45	11.83	5.50	ppb
Molybdenum	97-1	11.53	11.72	11.72	11.66	0.95	ppb
Molybdenum	98-1	11.93	11.67	12.90	12.17	5.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.35	1.26	1.27	1.29	3.60	ppb
Phosphorus	31-2	-17.79	-66.64	-70.90	-51.78		ppb
Potassium	39-2	1223.94	1209.70	1203.71	1212.45	0.86	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	77-2	1.51	2.41	3.31	2.41	37.32	ppb
Selenium	78-2	2.67	3.15	1.46	2.43	35.82	ppb
Selenium	82-1	3.40	1.79	1.84	2.34	38.96	ppb
Silicon	28-1	6730.83	6931.09	6892.34	6851.42	1.55	ppb
Silver	109-1	0.16	0.17	0.17	0.17	3.89	ppb
Silver	107-1	0.17	0.18	0.15	0.17	8.61	ppb
Sodium	23-2	18927.83	19172.76	18847.90	18982.83	0.89	ppb
Strontium	86-1	676.37	678.55	694.02	682.98	1.41	ppb
Strontium	88-1	688.60	683.19	688.53	686.77	0.45	ppb
Sulfur	34-1	5951.76	6191.59	6251.42	6131.59	2.59	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	-0.01	0.01	0.01	0.00		ppb
Thallium	205-1	-0.01	0.01	0.00	0.00	282.98	ppb
Tin	118-1	23.19	23.88	23.12	23.40	1.79	ppb
Titanium	47-1	0.36	8.04	0.08	2.83	159.79	ppb
Uranium	238-1	7.16	7.14	7.19	7.16	0.35	ppb
Vanadium	51-2	1.56	1.53	1.58	1.56	1.81	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	58.94	59.09	58.57	58.87	0.46	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01	Instrumnet Name :	P8
Client Sample ID :	390522109.3	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:36:46	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.04	0.03	0.03	8.62	ppb
Zirconium	91-1	0.00	0.00	0.02	0.01	199.11	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01DUP	Instrumnet Name :	P8
Client Sample ID :	390522109.3DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:40:24	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.40	17.38	14.41	13.73	29.37	ppb
Antimony	121-1	0.33	0.32	0.29	0.31	6.00	ppb
Arsenic	75-2	8.99	8.62	8.60	8.74	2.55	ppb
Barium	135-1	52.31	54.25	54.61	53.73	2.31	ppb
Barium	137-1	52.07	52.64	53.76	52.82	1.62	ppb
Beryllium	9-1	0.06	0.08	0.04	0.06	28.53	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	66.73	63.59	64.48	64.93	2.49	ppb
Boron	11-1	64.65	66.45	68.45	66.52	2.86	ppb
Cadmium	111-1	0.01	-0.03	0.08	0.02	278.76	ppb
Cadmium	106-1	-0.07	-0.44	1.22	0.24	369.43	ppb
Cadmium	108-1	0.23	-0.08	0.24	0.13	140.91	ppb
Calcium	43-1	47278.86	48052.53	48004.34	47778.58	0.91	ppb
Calcium	44-1	47048.02	48372.31	48282.76	47901.03	1.55	ppb
Chromium	52-2	1.30	1.16	1.15	1.20	6.88	ppb
Cobalt	59-2	0.07	0.05	0.04	0.05	26.99	ppb
Copper	63-2	368.52	358.06	361.82	362.80	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	351.08	348.51	348.72	349.44	0.41	ppb
Iron	57-2	360.33	352.51	350.71	354.52	1.44	ppb
Krypton	83-1						cps
Lead	206-1	92.44	92.04	93.14	92.54	0.60	ppb
Lead	207-1	86.51	86.19	85.26	85.99	0.76	ppb
Lead	208-1	87.99	88.08	87.56	87.88	0.32	ppb
Lithium	6-1				96		%
Magnesium	24-2	19193.15	18809.24	19081.45	19027.95	1.04	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01DUP	Instrumnet Name :	P8
Client Sample ID :	390522109.3DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:40:24	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.72	4.83	4.82	4.79	1.27	ppb
Molybdenum	94-1	8.69	9.05	8.14	8.63	5.31	ppb
Molybdenum	95-1	11.50	11.94	12.23	11.89	3.08	ppb
Molybdenum	96-1	11.62	11.43	11.42	11.49	0.96	ppb
Molybdenum	97-1	11.94	11.78	11.82	11.85	0.71	ppb
Molybdenum	98-1	12.19	12.19	11.61	12.00	2.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.41	1.23	1.39	1.34	7.40	ppb
Phosphorus	31-2	-40.86	-34.93	-43.90	-39.89		ppb
Potassium	39-2	1212.37	1183.25	1246.55	1214.05	2.61	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	0.61	1.52	0.60	0.91	58.25	ppb
Selenium	78-2	1.89	2.61	3.02	2.51	22.81	ppb
Selenium	82-1	2.90	0.69	1.76	1.78	62.16	ppb
Silicon	28-1	6588.15	6595.86	6855.04	6679.68	2.27	ppb
Silver	109-1	0.12	0.17	0.20	0.17	24.04	ppb
Silver	107-1	0.14	0.13	0.14	0.14	6.42	ppb
Sodium	23-2	18450.54	18787.91	18846.11	18694.85	1.14	ppb
Strontium	86-1	681.65	679.84	678.97	680.15	0.20	ppb
Strontium	88-1	680.48	680.76	676.59	679.28	0.34	ppb
Sulfur	34-1	5860.96	6107.01	6386.40	6118.12	4.30	ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	0.00	-0.01	-0.03	-0.01		ppb
Thallium	205-1	0.01	0.00	0.00	0.00	90.55	ppb
Tin	118-1	22.97	23.97	23.57	23.50	2.14	ppb
Titanium	47-1	0.56	-0.20	5.52	1.96	158.31	ppb
Uranium	238-1	7.27	7.22	7.40	7.30	1.25	ppb
Vanadium	51-2	1.66	1.59	1.55	1.60	3.52	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	58.55	58.30	59.33	58.73	0.91	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01DUP	Instrumnet Name :	P8
Client Sample ID :	390522109.3DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:40:24	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.00	0.01	64.55	ppb
Zirconium	91-1	0.05	-0.01	-0.01	0.01	420.87	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01LX5	Instrumnet Name :	P8
Client Sample ID :	390522109.3L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 16:44:02	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.18	4.17	2.45	3.93	35.10	ppb
Antimony	121-1	0.07	0.07	0.07	0.07	4.28	ppb
Arsenic	75-2	1.76	1.73	1.76	1.75	0.98	ppb
Barium	135-1	9.51	10.55	10.32	10.13	5.43	ppb
Barium	137-1	10.08	10.11	10.00	10.06	0.56	ppb
Beryllium	9-1	-0.02	0.03	0.02	0.01	224.14	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	13.78	10.84	14.96	13.19	16.09	ppb
Boron	11-1	14.33	14.79	16.10	15.07	6.10	ppb
Cadmium	111-1	-0.04	-0.03	-0.02	-0.03		ppb
Cadmium	106-1	-0.53	-0.51	-0.23	-0.43		ppb
Cadmium	108-1	-0.01	0.08	0.00	0.02	197.84	ppb
Calcium	43-1	9488.77	9386.93	9306.58	9394.09	0.97	ppb
Calcium	44-1	9768.99	9613.15	9351.11	9577.75	2.20	ppb
Chromium	52-2	0.20	0.25	0.22	0.22	11.90	ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	72.20	69.18	71.12	70.83	2.16	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				108		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	67.06	66.21	69.93	67.74	2.88	ppb
Iron	57-2	66.14	62.71	80.67	69.84	13.65	ppb
Krypton	83-1						cps
Lead	206-1	18.02	17.88	17.84	17.91	0.52	ppb
Lead	207-1	16.08	17.03	16.63	16.58	2.90	ppb
Lead	208-1	16.96	17.18	16.99	17.04	0.70	ppb
Lithium	6-1				97		%
Magnesium	24-2	3726.70	3715.54	3757.24	3733.16	0.58	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01LX5	Instrumnet Name :	P8
Client Sample ID :	390522109.3L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 16:44:02	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.88	0.94	1.12	0.98	12.84	ppb
Molybdenum	94-1	1.61	1.82	1.48	1.63	10.41	ppb
Molybdenum	95-1	2.39	2.20	2.38	2.32	4.41	ppb
Molybdenum	96-1	2.27	2.12	2.01	2.14	6.07	ppb
Molybdenum	97-1	2.26	2.61	2.22	2.36	8.93	ppb
Molybdenum	98-1	2.38	2.24	2.42	2.35	4.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.28	0.30	0.29	2.91	ppb
Phosphorus	31-2	-34.22	-43.16	-103.19	-60.19		ppb
Potassium	39-2	232.40	224.20	246.98	234.53	4.92	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	0.58	-0.32	3.31	1.19	158.32	ppb
Selenium	78-2	0.10	-0.13	0.96	0.31	183.06	ppb
Selenium	82-1	0.06	0.31	0.72	0.36	92.77	ppb
Silicon	28-1	1243.33	1237.76	1248.85	1243.31	0.45	ppb
Silver	109-1	0.07	0.05	0.04	0.05	27.80	ppb
Silver	107-1	0.04	0.05	0.03	0.04	31.95	ppb
Sodium	23-2	3753.92	3679.05	3786.95	3739.97	1.48	ppb
Strontium	86-1	127.97	127.72	132.33	129.34	2.00	ppb
Strontium	88-1	133.09	132.39	135.13	133.54	1.07	ppb
Sulfur	34-1	112.70	79.42	-226.95	-11.61		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	-0.02	-0.03	-0.02	-0.02		ppb
Thallium	205-1	-0.01	0.01	-0.01	0.00		ppb
Tin	118-1	4.36	4.85	4.57	4.59	5.31	ppb
Titanium	47-1	-0.16	-0.20	0.21	-0.05		ppb
Uranium	238-1	1.36	1.27	1.41	1.35	5.24	ppb
Vanadium	51-2	0.28	0.29	0.25	0.28	7.19	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	12.24	11.53	12.40	12.06	3.83	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01LX5	Instrumnet Name :	P8
Client Sample ID :	390522109.3L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 16:44:02	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.01	0.00	0.00	1558.87	ppb
Zirconium	91-1	0.00	0.03	0.02	0.02	73.19	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01MS	Instrumnet Name :	P8
Client Sample ID :	390522109.3MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:47:42	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1948.08	1940.49	1940.81	1943.13	0.22	ppb
Antimony	121-1	787.32	763.52	798.73	783.19	2.29	ppb
Arsenic	75-2	804.29	813.47	806.32	808.03	0.60	ppb
Barium	135-1	253.98	256.86	262.58	257.81	1.70	ppb
Barium	137-1	255.09	251.05	262.03	256.06	2.17	ppb
Beryllium	9-1	194.64	200.27	194.79	196.57	1.63	ppb
Bismuth	209-1				99		%
Bismuth	209-2				103		%
Boron	10-1	350.15	345.79	376.13	357.36	4.59	ppb
Boron	11-1	357.36	358.19	365.09	360.21	1.18	ppb
Cadmium	111-1	197.79	197.99	204.78	200.18	1.99	ppb
Cadmium	106-1	169.36	169.53	177.32	172.07	2.64	ppb
Cadmium	108-1	181.42	173.39	188.57	181.13	4.19	ppb
Calcium	43-1	47987.78	48592.78	47170.04	47916.87	1.49	ppb
Calcium	44-1	47410.93	48070.66	47361.49	47614.36	0.83	ppb
Chromium	52-2	426.05	422.17	419.44	422.55	0.79	ppb
Cobalt	59-2	212.73	217.34	210.71	213.59	1.59	ppb
Copper	63-2	684.08	681.20	675.63	680.31	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	3623.27	3660.74	3636.14	3640.05	0.52	ppb
Iron	57-2	3555.59	3691.85	3546.88	3598.11	2.26	ppb
Krypton	83-1						cps
Lead	206-1	1171.26	1151.05	1177.68	1166.66	1.19	ppb
Lead	207-1	1094.89	1107.63	1105.71	1102.74	0.62	ppb
Lead	208-1	1121.74	1127.13	1132.38	1127.09	0.47	ppb
Lithium	6-1				93		%
Magnesium	24-2	20410.47	20794.28	20858.82	20687.86	1.17	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01MS	Instrumnet Name :	P8
Client Sample ID :	390522109.3MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:47:42	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	207.67	209.95	206.79	208.14	0.78	ppb
Molybdenum	94-1	289.07	285.28	293.89	289.42	1.49	ppb
Molybdenum	95-1	411.02	400.57	418.99	410.19	2.25	ppb
Molybdenum	96-1	393.71	388.29	405.84	395.95	2.27	ppb
Molybdenum	97-1	399.25	396.74	403.31	399.77	0.83	ppb
Molybdenum	98-1	402.83	400.98	414.12	405.98	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	534.45	536.81	536.28	535.85	0.23	ppb
Phosphorus	31-2	6100.89	6188.24	6146.30	6145.15	0.71	ppb
Potassium	39-2	11716.40	12121.77	11945.32	11927.83	1.70	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	77-2	1914.29	1908.97	1930.65	1917.97	0.59	ppb
Selenium	78-2	2006.01	2018.99	2000.45	2008.49	0.47	ppb
Selenium	82-1	2100.98	2090.02	2164.49	2118.50	1.90	ppb
Silicon	28-1	7480.31	7626.77	7498.93	7535.34	1.06	ppb
Silver	109-1	76.77	75.85	77.62	76.75	1.15	ppb
Silver	107-1	76.33	75.42	77.29	76.35	1.22	ppb
Sodium	23-2	21087.92	21332.93	21242.62	21221.16	0.58	ppb
Strontium	86-1	875.59	853.37	881.50	870.15	1.70	ppb
Strontium	88-1	871.65	858.65	882.56	870.95	1.37	ppb
Sulfur	34-1	6699.59	7017.17	6683.85	6800.20	2.77	ppb
Terbium	159-1				103		%
Terbium	159-2				108		%
Thallium	203-1	2054.11	2051.94	2049.15	2051.73	0.12	ppb
Thallium	205-1	1996.88	2014.65	2065.48	2025.67	1.76	ppb
Tin	118-1	702.56	702.37	715.21	706.71	1.04	ppb
Titanium	47-1	197.69	202.76	193.83	198.09	2.26	ppb
Uranium	238-1	7.13	7.07	7.11	7.10	0.48	ppb
Vanadium	51-2	310.90	312.18	308.43	310.50	0.61	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	268.51	274.35	268.87	270.57	1.21	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01MS	Instrumnet Name :	P8
Client Sample ID :	390522109.3MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:47:42	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.33	0.23	0.27	0.27	18.68	ppb
Zirconium	91-1	0.45	0.67	0.57	0.56	19.77	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01MSD	Instrumnet Name :	P8
Client Sample ID :	390522109.3MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:51:18	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1970.34	1939.58	1930.82	1946.91	1.07	ppb
Antimony	121-1	782.14	795.06	791.25	789.48	0.84	ppb
Arsenic	75-2	808.67	805.14	809.65	807.82	0.29	ppb
Barium	135-1	251.66	254.79	255.79	254.08	0.85	ppb
Barium	137-1	253.72	255.67	258.24	255.88	0.89	ppb
Beryllium	9-1	191.39	191.47	196.23	193.03	1.44	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	351.89	361.69	371.37	361.65	2.69	ppb
Boron	11-1	358.78	360.40	373.96	364.38	2.29	ppb
Cadmium	111-1	195.54	201.22	198.36	198.37	1.43	ppb
Cadmium	106-1	164.45	179.22	168.29	170.66	4.49	ppb
Cadmium	108-1	180.70	179.12	186.27	182.03	2.06	ppb
Calcium	43-1	47927.06	47563.14	47206.98	47565.73	0.76	ppb
Calcium	44-1	48673.94	48052.87	47610.15	48112.32	1.11	ppb
Chromium	52-2	420.24	419.33	424.52	421.37	0.66	ppb
Cobalt	59-2	210.19	210.31	215.63	212.04	1.47	ppb
Copper	63-2	682.16	686.38	688.56	685.70	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	3625.89	3614.22	3708.55	3649.55	1.41	ppb
Iron	57-2	3536.37	3498.75	3610.28	3548.47	1.60	ppb
Krypton	83-1						cps
Lead	206-1	1133.80	1146.74	1129.87	1136.81	0.78	ppb
Lead	207-1	1076.28	1088.21	1071.67	1078.72	0.79	ppb
Lead	208-1	1107.81	1107.29	1100.42	1105.18	0.37	ppb
Lithium	6-1				95		%
Magnesium	24-2	20687.33	21336.88	21015.49	21013.23	1.55	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01MSD	Instrumnet Name :	P8
Client Sample ID :	390522109.3MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:51:18	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	205.13	205.73	210.74	207.20	1.49	ppb
Molybdenum	94-1	290.26	293.14	288.48	290.63	0.81	ppb
Molybdenum	95-1	411.17	416.80	405.39	411.12	1.39	ppb
Molybdenum	96-1	395.06	401.98	392.71	396.58	1.22	ppb
Molybdenum	97-1	405.99	412.03	397.32	405.11	1.82	ppb
Molybdenum	98-1	412.66	426.26	409.99	416.30	2.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	529.46	533.54	540.70	534.57	1.06	ppb
Phosphorus	31-2	6029.65	5993.72	5753.89	5925.76	2.53	ppb
Potassium	39-2	11511.92	11771.91	11963.80	11749.21	1.93	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	1836.49	1864.10	1966.93	1889.17	3.64	ppb
Selenium	78-2	2013.37	2016.36	2036.60	2022.11	0.62	ppb
Selenium	82-1	2127.84	2173.60	2114.04	2138.49	1.46	ppb
Silicon	28-1	7553.21	7595.40	7797.55	7648.72	1.71	ppb
Silver	109-1	75.61	75.61	75.40	75.54	0.16	ppb
Silver	107-1	75.42	76.25	75.80	75.82	0.55	ppb
Sodium	23-2	21614.84	21843.55	22157.99	21872.13	1.25	ppb
Strontium	86-1	873.53	884.01	868.20	875.25	0.92	ppb
Strontium	88-1	880.51	878.38	880.73	879.87	0.15	ppb
Sulfur	34-1	6702.44	6363.83	6456.61	6507.63	2.69	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	2008.42	2033.19	2014.17	2018.60	0.64	ppb
Thallium	205-1	2007.52	2007.72	1989.14	2001.46	0.53	ppb
Tin	118-1	708.32	719.02	706.34	711.23	0.96	ppb
Titanium	47-1	198.16	199.81	195.66	197.88	1.06	ppb
Uranium	238-1	7.20	7.25	7.36	7.27	1.12	ppb
Vanadium	51-2	307.78	307.13	313.03	309.31	1.05	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	267.32	268.02	275.12	270.15	1.60	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01MSD	Instrumnet Name :	P8
Client Sample ID :	390522109.3MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:51:18	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.32	0.32	0.27	0.30	8.49	ppb
Zirconium	91-1	0.66	0.52	0.48	0.56	17.28	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01A	Instrumnet Name :	P8
Client Sample ID :	390522109.3A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:54:53	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1993.72	1902.31	1903.77	1933.27	2.71	ppb
Antimony	121-1	789.04	777.50	798.44	788.33	1.33	ppb
Arsenic	75-2	808.36	791.94	808.49	802.93	1.19	ppb
Barium	135-1	257.96	249.62	255.97	254.52	1.71	ppb
Barium	137-1	261.22	249.55	260.65	257.14	2.56	ppb
Beryllium	9-1	192.64	195.55	196.05	194.75	0.95	ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Boron	10-1	345.96	358.38	360.15	354.83	2.18	ppb
Boron	11-1	358.46	361.17	367.73	362.45	1.31	ppb
Cadmium	111-1	198.81	198.33	201.41	199.52	0.83	ppb
Cadmium	106-1	174.88	176.05	179.01	176.65	1.20	ppb
Cadmium	108-1	183.53	178.07	184.15	181.92	1.84	ppb
Calcium	43-1	46341.46	48628.89	47572.57	47514.31	2.41	ppb
Calcium	44-1	47661.23	48305.08	47425.10	47797.14	0.95	ppb
Chromium	52-2	424.33	425.19	420.05	423.19	0.65	ppb
Cobalt	59-2	215.74	212.82	209.83	212.80	1.39	ppb
Copper	63-2	688.63	678.36	674.42	680.47	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				109		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	3685.90	3629.74	3605.04	3640.22	1.14	ppb
Iron	57-2	3640.75	3601.23	3541.79	3594.59	1.39	ppb
Krypton	83-1						cps
Lead	206-1	1163.47	1170.07	1152.86	1162.13	0.75	ppb
Lead	207-1	1086.04	1134.73	1106.41	1109.06	2.20	ppb
Lead	208-1	1124.91	1140.10	1122.40	1129.14	0.85	ppb
Lithium	6-1				97		%
Magnesium	24-2	21039.96	21031.03	21188.60	21086.53	0.42	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01A	Instrumnet Name :	P8
Client Sample ID :	390522109.3A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:54:53	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	208.73	206.58	207.51	207.61	0.52	ppb
Molybdenum	94-1	292.08	290.98	292.49	291.85	0.27	ppb
Molybdenum	95-1	408.60	408.61	413.60	410.27	0.70	ppb
Molybdenum	96-1	396.49	394.64	397.07	396.06	0.32	ppb
Molybdenum	97-1	400.98	401.98	404.36	402.44	0.43	ppb
Molybdenum	98-1	411.22	413.22	416.33	413.59	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	540.72	529.35	533.33	534.46	1.08	ppb
Phosphorus	31-2	5962.82	5878.57	5810.15	5883.85	1.30	ppb
Potassium	39-2	11820.35	11970.50	11757.29	11849.38	0.92	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	1992.18	1868.22	1950.72	1937.04	3.26	ppb
Selenium	78-2	2013.16	1963.43	2013.76	1996.78	1.45	ppb
Selenium	82-1	2133.96	2128.60	2145.28	2135.95	0.40	ppb
Silicon	28-1	7279.58	7735.69	7461.31	7492.19	3.06	ppb
Silver	109-1	77.16	75.92	76.25	76.44	0.84	ppb
Silver	107-1	76.36	74.82	77.79	76.32	1.94	ppb
Sodium	23-2	21942.86	21947.93	21029.80	21640.19	2.44	ppb
Strontium	86-1	867.52	868.39	876.00	870.63	0.54	ppb
Strontium	88-1	880.88	872.63	876.18	876.56	0.47	ppb
Sulfur	34-1	5606.19	6553.17	5759.87	5973.07	8.51	ppb
Terbium	159-1				105		%
Terbium	159-2				109		%
Thallium	203-1	2042.02	2077.76	2053.39	2057.72	0.89	ppb
Thallium	205-1	2036.77	2050.47	2020.06	2035.77	0.75	ppb
Tin	118-1	709.97	694.47	705.78	703.40	1.14	ppb
Titanium	47-1	195.18	210.67	193.12	199.66	4.81	ppb
Uranium	238-1	7.12	7.10	7.15	7.12	0.34	ppb
Vanadium	51-2	316.09	307.21	309.96	311.09	1.46	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	274.52	271.02	265.54	270.36	1.67	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01A	Instrumnet Name :	P8
Client Sample ID :	390522109.3A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:54:53	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.28	0.31	0.26	0.28	8.92	ppb
Zirconium	91-1	0.46	0.47	0.61	0.51	16.54	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:58:29	DataFile Name :	062CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52648.00	54639.71	53547.00	53611.57	1.86	ppb
Antimony	121-1	488.28	501.65	506.34	498.75	1.88	ppb
Arsenic	75-2	499.30	495.64	499.06	498.00	0.41	ppb
Barium	135-1	2477.46	2523.48	2454.87	2485.27	1.41	ppb
Barium	137-1	2474.63	2532.56	2528.55	2511.91	1.29	ppb
Beryllium	9-1	479.96	484.97	491.53	485.49	1.20	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	486.90	488.16	505.74	493.60	2.13	ppb
Boron	11-1	485.68	492.93	511.25	496.62	2.65	ppb
Cadmium	111-1	489.72	489.99	491.52	490.41	0.20	ppb
Cadmium	106-1	486.05	500.36	495.21	493.87	1.47	ppb
Cadmium	108-1	483.91	491.42	488.56	487.96	0.78	ppb
Calcium	43-1	253353.78	247564.86	251463.11	250793.91	1.18	ppb
Calcium	44-1	249106.66	250049.23	252104.82	250420.24	0.61	ppb
Chromium	52-2	507.45	517.54	511.97	512.32	0.99	ppb
Cobalt	59-2	510.31	516.24	502.34	509.63	1.37	ppb
Copper	63-2	1016.18	1005.13	996.28	1005.86	0.99	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				110		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	127920.50	131563.93	127420.54	128968.33	1.75	ppb
Iron	57-2	128264.34	131929.23	130578.64	130257.40	1.42	ppb
Krypton	83-1						cps
Lead	206-1	504.93	505.25	509.61	506.60	0.52	ppb
Lead	207-1	505.20	505.46	509.68	506.78	0.50	ppb
Lead	208-1	511.80	512.20	511.25	511.75	0.09	ppb
Lithium	6-1				99		%
Magnesium	24-2	244712.90	251930.92	247513.84	248052.55	1.47	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:58:29	DataFile Name :	062CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1004.12	1014.88	1001.07	1006.69	0.72	ppb
Molybdenum	94-1	2538.59	2576.75	2574.29	2563.21	0.83	ppb
Molybdenum	95-1	2522.87	2533.49	2567.03	2541.13	0.91	ppb
Molybdenum	96-1	2498.45	2491.57	2495.18	2495.07	0.14	ppb
Molybdenum	97-1	2508.91	2499.90	2504.74	2504.52	0.18	ppb
Molybdenum	98-1	2584.24	2534.57	2543.37	2554.06	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.50	512.73	504.71	508.65	0.79	ppb
Phosphorus	31-2	9536.22	9888.02	9396.11	9606.78	2.64	ppb
Potassium	39-2	125651.83	130409.77	127029.13	127696.91	1.92	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	508.08	443.77	473.78	475.21	6.77	ppb
Selenium	78-2	482.96	496.28	493.54	490.93	1.43	ppb
Selenium	82-1	487.71	477.44	491.22	485.46	1.48	ppb
Silicon	28-1	406.86	388.56	423.46	406.29	4.30	ppb
Silver	109-1	489.69	499.65	495.24	494.86	1.01	ppb
Silver	107-1	488.35	495.26	492.04	491.88	0.70	ppb
Sodium	23-2	245172.14	247929.72	246093.95	246398.60	0.57	ppb
Strontium	86-1	498.86	494.67	505.69	499.74	1.11	ppb
Strontium	88-1	513.12	511.37	506.17	510.22	0.71	ppb
Sulfur	34-1	7678.74	7642.48	7798.54	7706.59	1.06	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	504.29	504.80	499.00	502.69	0.64	ppb
Thallium	205-1	517.27	520.51	515.27	517.69	0.51	ppb
Tin	118-1	493.12	500.68	496.77	496.86	0.76	ppb
Titanium	47-1	2456.36	2462.43	2563.36	2494.05	2.41	ppb
Uranium	238-1	524.84	521.99	530.81	525.88	0.86	ppb
Vanadium	51-2	506.48	517.21	505.88	509.86	1.25	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	999.22	1018.67	985.78	1001.22	1.65	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:58:29	DataFile Name :	062CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	497.97	500.52	504.81	501.10	0.69	ppb
Zirconium	91-1	488.01	493.69	503.36	495.02	1.57	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:02:04	DataFile Name :	063CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.25	-0.13	0.81	0.64	110.22	ppb
Antimony	121-1	0.11	0.13	0.11	0.12	5.32	ppb
Arsenic	75-2	0.05	0.06	0.05	0.05	7.55	ppb
Barium	135-1	0.06	0.07	0.02	0.05	53.87	ppb
Barium	137-1	0.05	0.04	0.05	0.05	19.12	ppb
Beryllium	9-1	0.04	0.08	0.07	0.07	30.24	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Boron	10-1	9.62	9.44	9.50	9.52	0.98	ppb
Boron	11-1	8.83	8.87	8.24	8.65	4.09	ppb
Cadmium	111-1	0.00	-0.09	-0.02	-0.04		ppb
Cadmium	106-1	-0.15	-1.21	-0.39	-0.58		ppb
Cadmium	108-1	0.00	-0.08	-0.01	-0.03		ppb
Calcium	43-1	-10.52	-11.30	-9.03	-10.28		ppb
Calcium	44-1	-8.49	-10.56	-11.25	-10.10		ppb
Chromium	52-2	-0.05	-0.07	-0.13	-0.08		ppb
Cobalt	59-2	-0.02	-0.02	-0.01	-0.02		ppb
Copper	63-2	-0.07	0.03	-0.09	-0.04		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				112		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	56-2	1.36	1.56	1.63	1.51	9.33	ppb
Iron	57-2	0.90	2.08	2.63	1.87	47.34	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.14	0.08	0.11	25.73	ppb
Lead	207-1	0.18	0.11	0.16	0.15	21.85	ppb
Lead	208-1	0.17	0.13	0.13	0.14	17.23	ppb
Lithium	6-1				105		%
Magnesium	24-2	4.60	2.97	3.66	3.74	21.86	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:02:04	DataFile Name :	063CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.00	-0.02	0.00	1039.76	ppb
Molybdenum	94-1	0.08	0.07	0.05	0.06	23.56	ppb
Molybdenum	95-1	0.05	0.08	0.08	0.07	23.84	ppb
Molybdenum	96-1	0.03	0.03	0.06	0.04	39.78	ppb
Molybdenum	97-1	0.08	0.04	0.10	0.07	44.94	ppb
Molybdenum	98-1	0.06	0.05	0.05	0.05	8.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.11	0.05	111.39	ppb
Phosphorus	31-2	-61.27	-102.07	-77.07	-80.14		ppb
Potassium	39-2	-0.08	6.49	7.59	4.67	88.87	ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	77-2	-0.32	-0.32	-0.32	-0.32		ppb
Selenium	78-2	-0.48	-0.66	-0.39	-0.51		ppb
Selenium	82-1	-0.77	0.39	0.31	-0.02		ppb
Silicon	28-1	-118.61	-96.47	-127.15	-114.08		ppb
Silver	109-1	0.23	0.16	0.16	0.18	22.52	ppb
Silver	107-1	0.25	0.15	0.11	0.17	42.96	ppb
Sodium	23-2	78.35	78.24	84.66	80.42	4.57	ppb
Strontium	86-1	-0.06	-0.07	-0.02	-0.05		ppb
Strontium	88-1	0.02	0.01	0.02	0.02	11.10	ppb
Sulfur	34-1	-2452.87	-2107.45	-2390.47	-2316.93		ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	0.04	0.05	0.04	0.05	8.41	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	25.25	ppb
Tin	118-1	0.13	0.11	0.09	0.11	15.97	ppb
Titanium	47-1	-0.19	0.17	-0.55	-0.19		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.02	0.00	0.00	0.00		ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	0.51	0.47	0.53	0.50	6.55	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:02:04	DataFile Name :	063CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.02	0.01	0.01	123.59	ppb
Zirconium	91-1	-0.01	0.03	0.03	0.02	109.84	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120045BL	Instrumnet Name :	P8
Client Sample ID :	PB120045BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:19:24	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.20	0.09	0.45	-0.22		ppb
Antimony	121-1	0.06	0.05	0.04	0.05	12.26	ppb
Arsenic	75-2	0.01	0.00	0.01	0.01	99.54	ppb
Barium	135-1	0.01	0.01	0.01	0.01	2.59	ppb
Barium	137-1	0.02	0.01	0.03	0.02	42.16	ppb
Beryllium	9-1	-0.01	0.03	0.04	0.02	124.91	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	5.48	5.85	7.00	6.11	12.98	ppb
Boron	11-1	5.67	4.67	5.11	5.15	9.71	ppb
Cadmium	111-1	-0.10	0.00	-0.11	-0.07		ppb
Cadmium	106-1	-1.47	-0.11	-1.56	-1.05		ppb
Cadmium	108-1	-0.08	-0.08	0.00	-0.05		ppb
Calcium	43-1	-24.57	-11.46	-12.50	-16.18		ppb
Calcium	44-1	-4.72	-5.38	-0.98	-3.69		ppb
Chromium	52-2	0.04	0.04	0.00	0.03	98.91	ppb
Cobalt	59-2	-0.03	-0.03	0.00	-0.02		ppb
Copper	63-2	-0.18	-0.14	-0.11	-0.14		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	0.29	0.43	0.66	0.46	40.43	ppb
Iron	57-2	1.71	1.15	1.69	1.52	21.17	ppb
Krypton	83-1						cps
Lead	206-1	-0.07	-0.06	-0.06	-0.06		ppb
Lead	207-1	-0.04	-0.05	-0.05	-0.05		ppb
Lead	208-1	-0.04	-0.02	-0.05	-0.04		ppb
Lithium	6-1				98		%
Magnesium	24-2	1.22	0.52	0.41	0.72	61.00	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120045BL	Instrumnet Name :	P8
Client Sample ID :	PB120045BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:19:24	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.03	0.00	0.01	256.83	ppb
Molybdenum	94-1	0.01	0.09	0.00	0.04	130.40	ppb
Molybdenum	95-1	0.03	0.07	0.08	0.06	47.73	ppb
Molybdenum	96-1	0.04	0.04	0.02	0.03	30.35	ppb
Molybdenum	97-1	0.08	0.10	0.08	0.09	13.72	ppb
Molybdenum	98-1	0.05	0.01	0.00	0.02	162.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.01	0.04	0.03	63.07	ppb
Phosphorus	31-2	-106.46	-111.88	-56.91	-91.75		ppb
Potassium	39-2	9.82	10.23	20.09	13.38	43.43	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	77-2	0.67	-0.32	-0.32	0.01	5016.29	ppb
Selenium	78-2	-0.26	-0.13	0.30	-0.03		ppb
Selenium	82-1	-0.86	-0.93	-0.16	-0.65		ppb
Silicon	28-1	-28.09	-8.45	23.90	-4.22		ppb
Silver	109-1	0.02	0.04	0.02	0.03	40.57	ppb
Silver	107-1	0.02	0.03	0.03	0.02	26.49	ppb
Sodium	23-2	41.83	37.13	41.28	40.08	6.41	ppb
Strontium	86-1	-0.02	-0.08	-0.11	-0.07		ppb
Strontium	88-1	0.02	0.02	0.01	0.02	42.48	ppb
Sulfur	34-1	-542.45	-873.51	-415.65	-610.54		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.01	-0.03	-0.01	-0.01		ppb
Thallium	205-1	0.01	0.00	0.00	0.00	145.13	ppb
Tin	118-1	0.10	0.09	0.05	0.08	33.23	ppb
Titanium	47-1	0.34	-0.09	0.48	0.24	122.07	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	84.15	ppb
Vanadium	51-2	0.01	-0.02	0.00	0.00		ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	0.57	0.84	0.66	0.69	19.65	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120045BL	Instrumnet Name :	P8
Client Sample ID :	PB120045BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:19:24	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.01	0.01	0.02	0.01	176.03	ppb
Zirconium	91-1	0.01	-0.01	0.02	0.01	292.13	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120045BS	Instrumnet Name :	P8
Client Sample ID :	PB120045BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:23:05	DataFile Name :	066LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9856.23	9933.16	9705.38	9831.59	1.18	ppb
Antimony	121-1	495.40	499.76	504.52	499.89	0.91	ppb
Arsenic	75-2	486.36	490.94	489.70	489.00	0.48	ppb
Barium	135-1	2400.92	2475.42	2456.30	2444.21	1.58	ppb
Barium	137-1	2457.32	2495.01	2506.53	2486.29	1.04	ppb
Beryllium	9-1	463.25	459.29	467.40	463.31	0.88	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Boron	10-1	444.33	454.71	466.77	455.27	2.47	ppb
Boron	11-1	451.05	457.91	463.81	457.59	1.40	ppb
Cadmium	111-1	484.91	490.78	493.99	489.89	0.94	ppb
Cadmium	106-1	486.00	506.21	497.77	496.66	2.04	ppb
Cadmium	108-1	484.17	475.50	496.72	485.46	2.20	ppb
Calcium	43-1	52041.07	52093.42	50775.38	51636.62	1.45	ppb
Calcium	44-1	51937.87	52282.43	51424.60	51881.63	0.83	ppb
Chromium	52-2	509.15	515.02	503.48	509.22	1.13	ppb
Cobalt	59-2	515.73	516.09	505.57	512.46	1.17	ppb
Copper	63-2	1034.69	1030.16	1021.62	1028.83	0.65	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				102		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	26448.18	26749.95	26682.29	26626.81	0.59	ppb
Iron	57-2	26400.47	26565.98	26377.34	26447.93	0.39	ppb
Krypton	83-1						cps
Lead	206-1	514.75	498.50	492.55	501.93	2.29	ppb
Lead	207-1	507.70	499.76	488.37	498.61	1.95	ppb
Lead	208-1	511.97	495.20	496.94	501.37	1.84	ppb
Lithium	6-1				97		%
Magnesium	24-2	53198.22	51635.20	49950.64	51594.69	3.15	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120045BS	Instrumnet Name :	P8
Client Sample ID :	PB120045BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:23:05	DataFile Name :	066LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	995.20	1006.65	990.74	997.53	0.82	ppb
Molybdenum	94-1	2555.19	2507.47	2514.95	2525.87	1.02	ppb
Molybdenum	95-1	2565.29	2460.54	2492.44	2506.09	2.14	ppb
Molybdenum	96-1	2543.48	2494.66	2498.76	2512.30	1.08	ppb
Molybdenum	97-1	2538.41	2499.94	2514.99	2517.78	0.77	ppb
Molybdenum	98-1	2554.18	2503.30	2492.18	2516.55	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.38	516.31	509.73	516.14	1.23	ppb
Phosphorus	31-2	9515.97	9367.45	9677.67	9520.36	1.63	ppb
Potassium	39-2	26059.36	26003.50	26026.50	26029.79	0.11	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	458.30	519.76	506.66	494.91	6.54	ppb
Selenium	78-2	476.20	485.51	481.00	480.91	0.97	ppb
Selenium	82-1	487.44	495.27	486.42	489.71	0.99	ppb
Silicon	28-1	496.88	520.71	430.03	482.54	9.74	ppb
Silver	109-1	494.90	494.43	502.51	497.28	0.91	ppb
Silver	107-1	479.40	497.00	506.54	494.32	2.79	ppb
Sodium	23-2	51652.88	50827.67	49715.84	50732.13	1.92	ppb
Strontium	86-1	500.27	498.15	493.50	497.31	0.70	ppb
Strontium	88-1	515.16	512.11	495.06	507.44	2.14	ppb
Sulfur	34-1	8906.47	9210.93	7739.80	8619.07	9.01	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	512.80	500.32	490.50	501.20	2.23	ppb
Thallium	205-1	535.00	510.57	495.89	513.82	3.85	ppb
Tin	118-1	486.13	493.00	488.53	489.22	0.71	ppb
Titanium	47-1	2494.17	2494.16	2494.04	2494.12	0.00	ppb
Uranium	238-1	523.41	505.00	507.68	512.03	1.94	ppb
Vanadium	51-2	508.14	505.14	503.41	505.56	0.47	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	1034.98	1031.02	1014.31	1026.77	1.07	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120045BS	Instrumnet Name :	P8
Client Sample ID :	PB120045BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:23:05	DataFile Name :	066LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	508.95	500.97	500.50	503.47	0.94	ppb
Zirconium	91-1	499.50	492.23	494.08	495.27	0.76	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-01	Instrumnet Name :	P8
Client Sample ID :	S32-0657	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:26:41	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1426.96	1486.05	1521.82	1478.28	3.24	ppb
Antimony	121-1	2.44	2.29	2.36	2.36	3.00	ppb
Arsenic	75-2	2.35	2.26	2.45	2.35	4.17	ppb
Barium	135-1	18.56	18.41	17.90	18.29	1.89	ppb
Barium	137-1	18.22	19.11	18.61	18.64	2.39	ppb
Beryllium	9-1	0.09	0.09	0.01	0.06	71.76	ppb
Bismuth	209-1				154		%
Bismuth	209-2				139		%
Boron	10-1	15.43	12.81	14.54	14.26	9.35	ppb
Boron	11-1	14.70	14.15	14.80	14.55	2.41	ppb
Cadmium	111-1	-0.01	-0.17	0.02	-0.05		ppb
Cadmium	106-1	-1.99	-3.15	-0.42	-1.85		ppb
Cadmium	108-1	0.25	0.24	0.48	0.33	42.14	ppb
Calcium	43-1	191478.28	188371.29	197143.44	192331.00	2.31	ppb
Calcium	44-1	188383.65	185355.01	191269.34	188336.00	1.57	ppb
Chromium	52-2	1.08	1.10	1.10	1.09	1.05	ppb
Cobalt	59-2	0.22	0.19	0.21	0.21	6.99	ppb
Copper	63-2	14.25	14.35	14.67	14.43	1.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				89		%
Iron	56-2	97.52	97.86	101.96	99.11	2.50	ppb
Iron	57-2	118.75	113.81	107.08	113.22	5.17	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.21	0.24	0.21	12.64	ppb
Lead	207-1	0.29	0.25	0.19	0.24	20.19	ppb
Lead	208-1	0.25	0.25	0.21	0.24	8.65	ppb
Lithium	6-1				80		%
Magnesium	24-2	86.23	89.26	89.50	88.33	2.06	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-01	Instrumnet Name :	P8
Client Sample ID :	S32-0657	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:26:41	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.45	1.49	1.59	1.51	4.81	ppb
Molybdenum	94-1	29.64	29.90	28.94	29.50	1.68	ppb
Molybdenum	95-1	43.21	44.78	42.95	43.65	2.26	ppb
Molybdenum	96-1	41.61	41.82	39.63	41.02	2.94	ppb
Molybdenum	97-1	42.03	42.24	41.25	41.84	1.24	ppb
Molybdenum	98-1	43.41	44.11	42.17	43.23	2.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.20	16.02	15.54	15.59	2.64	ppb
Phosphorus	31-2	-45.21	-29.51	-100.93	-58.55		ppb
Potassium	39-2	5645.67	5540.66	5535.00	5573.78	1.12	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				74		%
Scandium	45-2				71		%
Selenium	77-2	4.26	4.23	3.12	3.87	16.76	ppb
Selenium	78-2	0.26	0.56	1.53	0.78	85.25	ppb
Selenium	82-1	-0.66	1.14	-0.84	-0.12		ppb
Silicon	28-1	2398.81	4864.19	2348.57	3203.85	44.89	ppb
Silver	109-1	1.74	1.71	1.49	1.64	8.44	ppb
Silver	107-1	1.71	1.71	1.47	1.63	8.35	ppb
Sodium	23-2	56123.07	54483.82	55612.99	55406.63	1.51	ppb
Strontium	86-1	266.06	268.61	268.42	267.70	0.53	ppb
Strontium	88-1	271.69	278.63	273.11	274.48	1.33	ppb
Sulfur	34-1	3852.85	3690.46	3612.88	3718.73	3.29	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.02		ppb
Thallium	205-1	0.01	0.00	0.01	0.01	38.77	ppb
Tin	118-1	2.50	2.52	2.40	2.47	2.67	ppb
Titanium	47-1	1.33	2.22	2.45	2.00	29.72	ppb
Uranium	238-1	0.03	0.03	0.04	0.03	11.84	ppb
Vanadium	51-2	6.80	6.61	7.09	6.83	3.53	ppb
Yttrium	89-1				93		%
Yttrium	89-2				83		%
Zinc	66-2	9.14	9.05	9.08	9.09	0.50	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-01	Instrumnet Name :	P8
Client Sample ID :	S32-0657	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:26:41	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.01	0.02	0.02	77.34	ppb
Zirconium	91-1	0.05	0.07	0.02	0.05	62.96	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-01DUP	Instrumnet Name :	P8
Client Sample ID :	S32-0657DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:30:20	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1492.51	1483.53	1414.84	1463.62	2.90	ppb
Antimony	121-1	2.20	2.33	2.33	2.29	3.27	ppb
Arsenic	75-2	2.11	2.40	2.26	2.26	6.45	ppb
Barium	135-1	18.61	18.46	17.97	18.35	1.81	ppb
Barium	137-1	18.87	18.26	17.97	18.37	2.52	ppb
Beryllium	9-1	-0.02	0.05	0.03	0.02	195.81	ppb
Bismuth	209-1				140		%
Bismuth	209-2				128		%
Boron	10-1	9.35	9.04	11.00	9.80	10.76	ppb
Boron	11-1	10.46	10.12	9.60	10.06	4.34	ppb
Cadmium	111-1	0.01	-0.11	-0.03	-0.04		ppb
Cadmium	106-1	-0.47	-1.73	-0.57	-0.92		ppb
Cadmium	108-1	0.07	0.44	0.21	0.24	77.20	ppb
Calcium	43-1	191322.04	190825.69	192506.60	191551.44	0.45	ppb
Calcium	44-1	187055.92	192284.55	188067.61	189136.03	1.47	ppb
Chromium	52-2	1.04	0.87	0.98	0.96	9.07	ppb
Cobalt	59-2	0.17	0.23	0.18	0.19	16.63	ppb
Copper	63-2	15.40	16.43	16.06	15.97	3.27	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				104		%
Indium	115-1				103		%
Indium	115-2				89		%
Iron	56-2	96.60	98.33	94.98	96.64	1.73	ppb
Iron	57-2	103.24	111.94	106.44	107.21	4.11	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.09	0.06	0.07	24.93	ppb
Lead	207-1	0.11	0.07	0.06	0.08	28.30	ppb
Lead	208-1	0.07	0.07	0.06	0.07	7.28	ppb
Lithium	6-1				86		%
Magnesium	24-2	97.04	84.42	87.46	89.64	7.35	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-01DUP	Instrumnet Name :	P8
Client Sample ID :	S32-0657DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:30:20	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.56	1.54	1.43	1.51	4.66	ppb
Molybdenum	94-1	29.74	31.44	31.91	31.03	3.67	ppb
Molybdenum	95-1	41.69	42.86	42.98	42.51	1.68	ppb
Molybdenum	96-1	40.67	41.69	42.62	41.66	2.34	ppb
Molybdenum	97-1	40.79	42.83	43.41	42.35	3.25	ppb
Molybdenum	98-1	41.86	44.97	44.17	43.67	3.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.76	15.76	15.70	15.74	0.21	ppb
Phosphorus	31-2	-51.61	-72.71	-6.38	-43.57		ppb
Potassium	39-2	5494.12	5658.53	5508.41	5553.69	1.64	ppb
Rhodium	103-1				99		%
Rhodium	103-2				90		%
Scandium	45-1				78		%
Scandium	45-2				70		%
Selenium	77-2	1.96	-0.32	4.20	1.95	115.80	ppb
Selenium	78-2	-1.23	-1.65	0.01	-0.96		ppb
Selenium	82-1	0.36	-0.38	-1.11	-0.38		ppb
Silicon	28-1	2256.82	2205.94	2279.62	2247.46	1.68	ppb
Silver	109-1	0.68	0.63	0.56	0.62	9.40	ppb
Silver	107-1	0.71	0.61	0.55	0.62	12.75	ppb
Sodium	23-2	54786.61	54744.57	54675.44	54735.54	0.10	ppb
Strontium	86-1	264.87	273.83	267.01	268.57	1.74	ppb
Strontium	88-1	269.19	284.61	278.25	277.35	2.79	ppb
Sulfur	34-1	3414.30	2759.29	3299.68	3157.76	11.08	ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	-0.02	0.00	-0.02	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	1.64	1.68	1.57	1.63	3.12	ppb
Titanium	47-1	1.81	3.69	1.66	2.39	47.40	ppb
Uranium	238-1	0.02	0.03	0.02	0.02	21.94	ppb
Vanadium	51-2	6.81	7.24	7.14	7.06	3.19	ppb
Yttrium	89-1				99		%
Yttrium	89-2				84		%
Zinc	66-2	8.93	9.05	8.47	8.82	3.49	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-01DUP	Instrumnet Name :	P8
Client Sample ID :	S32-0657DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:30:20	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.02	0.01	0.02	51.64	ppb
Zirconium	91-1	0.02	0.03	0.01	0.02	67.69	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-01LX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 17:34:00	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	351.89	338.56	326.19	338.88	3.79	ppb
Antimony	121-1	0.55	0.50	0.52	0.52	4.52	ppb
Arsenic	75-2	0.50	0.54	0.46	0.50	8.04	ppb
Barium	135-1	4.47	3.89	3.71	4.02	9.86	ppb
Barium	137-1	3.86	4.10	4.19	4.05	4.23	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	3.18	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Boron	10-1	5.32	4.98	5.36	5.22	4.00	ppb
Boron	11-1	4.03	4.91	4.66	4.53	10.06	ppb
Cadmium	111-1	-0.20	-0.10	-0.04	-0.11		ppb
Cadmium	106-1	-2.74	-1.24	-0.43	-1.47		ppb
Cadmium	108-1	0.14	0.28	0.14	0.19	43.61	ppb
Calcium	43-1	42594.61	41818.11	41334.65	41915.79	1.52	ppb
Calcium	44-1	40463.74	41072.65	41191.31	40909.23	0.95	ppb
Chromium	52-2	0.22	0.33	0.28	0.28	20.00	ppb
Cobalt	59-2	0.05	0.01	0.01	0.03	87.97	ppb
Copper	63-2	3.62	3.41	3.46	3.50	3.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				95		%
Iron	56-2	21.97	21.63	21.47	21.69	1.18	ppb
Iron	57-2	18.46	27.21	21.75	22.47	19.67	ppb
Krypton	83-1						cps
Lead	206-1	-0.08	-0.11	-0.10	-0.10		ppb
Lead	207-1	-0.05	-0.05	-0.09	-0.06		ppb
Lead	208-1	-0.06	-0.07	-0.07	-0.07		ppb
Lithium	6-1				92		%
Magnesium	24-2	23.34	22.40	24.85	23.53	5.26	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-01LX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 17:34:00	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.41	0.32	0.35	0.36	12.03	ppb
Molybdenum	94-1	7.13	6.99	6.78	6.97	2.51	ppb
Molybdenum	95-1	9.82	9.19	9.74	9.58	3.57	ppb
Molybdenum	96-1	9.10	9.03	8.92	9.02	0.99	ppb
Molybdenum	97-1	9.50	9.37	9.21	9.36	1.55	ppb
Molybdenum	98-1	9.84	8.96	9.59	9.46	4.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.32	3.48	3.50	3.43	2.89	ppb
Phosphorus	31-2	-95.53	-94.70	-54.14	-81.46		ppb
Potassium	39-2	1256.39	1284.64	1247.96	1263.00	1.52	ppb
Rhodium	103-1				105		%
Rhodium	103-2				96		%
Scandium	45-1				88		%
Scandium	45-2				79		%
Selenium	77-2	-0.32	-0.32	-0.32	-0.32		ppb
Selenium	78-2	-0.01	-0.45	-0.49	-0.31		ppb
Selenium	82-1	-0.68	0.22	-1.60	-0.69		ppb
Silicon	28-1	408.55	370.34	380.88	386.59	5.10	ppb
Silver	109-1	0.14	0.11	0.11	0.12	11.89	ppb
Silver	107-1	0.11	0.10	0.10	0.10	6.04	ppb
Sodium	23-2	13203.24	12822.02	12673.15	12899.47	2.12	ppb
Strontium	86-1	58.66	58.46	58.37	58.50	0.26	ppb
Strontium	88-1	61.11	59.68	59.88	60.22	1.29	ppb
Sulfur	34-1	-121.57	-178.85	-173.73	-158.05		ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	-0.03	-0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	0.19	0.27	0.20	0.22	20.47	ppb
Titanium	47-1	-0.24	-0.18	0.32	-0.03		ppb
Uranium	238-1	0.00	0.00	0.01	0.01	137.77	ppb
Vanadium	51-2	1.66	1.46	1.45	1.53	7.80	ppb
Yttrium	89-1				106		%
Yttrium	89-2				90		%
Zinc	66-2	2.82	2.22	2.24	2.42	14.08	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-01LX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 17:34:00	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.01	-0.01	0.00	-0.01		ppb
Zirconium	91-1	0.03	0.03	0.02	0.02	19.99	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-02	Instrumnet Name :	P8
Client Sample ID :	S32-0657	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:37:40	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11132.61	11410.62	11010.56	11184.60	1.83	ppb
Antimony	121-1	499.63	504.98	557.88	520.83	6.18	ppb
Arsenic	75-2	489.07	489.49	490.53	489.69	0.15	ppb
Barium	135-1	2519.30	2479.45	2803.17	2600.64	6.79	ppb
Barium	137-1	2559.70	2521.00	2816.52	2632.41	6.10	ppb
Beryllium	9-1	425.59	430.36	459.24	438.40	4.15	ppb
Bismuth	209-1				130		%
Bismuth	209-2				121		%
Boron	10-1	427.11	435.68	469.90	444.23	5.10	ppb
Boron	11-1	425.61	431.15	465.41	440.72	4.89	ppb
Cadmium	111-1	477.72	470.13	534.57	494.14	7.13	ppb
Cadmium	106-1	465.12	447.17	521.23	477.84	8.09	ppb
Cadmium	108-1	472.81	464.08	518.91	485.27	6.07	ppb
Calcium	43-1	264167.17	248295.31	296206.92	269556.47	9.05	ppb
Calcium	44-1	255958.45	243429.27	289045.23	262810.99	8.97	ppb
Chromium	52-2	582.96	583.74	583.52	583.40	0.07	ppb
Cobalt	59-2	614.32	630.03	618.56	620.97	1.31	ppb
Copper	63-2	1318.17	1338.68	1340.08	1332.31	0.92	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				105		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				86		%
Iron	56-2	30753.44	31048.96	31524.18	31108.86	1.25	ppb
Iron	57-2	31199.81	31514.49	31165.75	31293.35	0.61	ppb
Krypton	83-1						cps
Lead	206-1	402.91	418.15	452.21	424.42	5.95	ppb
Lead	207-1	385.40	403.86	442.39	410.55	7.08	ppb
Lead	208-1	394.46	413.44	450.46	419.45	6.79	ppb
Lithium	6-1				85		%
Magnesium	24-2	51756.79	51261.45	50731.29	51249.84	1.00	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-02	Instrumnet Name :	P8
Client Sample ID :	S32-0657	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:37:40	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1152.57	1167.75	1160.89	1160.40	0.65	ppb
Molybdenum	94-1	2888.37	2808.77	3184.43	2960.52	6.69	ppb
Molybdenum	95-1	2969.52	2779.45	3278.22	3009.06	8.37	ppb
Molybdenum	96-1	2944.69	2769.55	3212.70	2975.65	7.50	ppb
Molybdenum	97-1	2962.36	2881.95	3251.59	3031.97	6.41	ppb
Molybdenum	98-1	2982.57	2860.55	3261.00	3034.71	6.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	644.69	648.67	637.41	643.59	0.89	ppb
Phosphorus	31-2	-87.85	-106.53	-64.55	-86.31		ppb
Potassium	39-2	32182.98	32842.39	33317.43	32780.93	1.74	ppb
Rhodium	103-1				93		%
Rhodium	103-2				89		%
Scandium	45-1				74		%
Scandium	45-2				68		%
Selenium	77-2	439.79	443.33	445.67	442.93	0.67	ppb
Selenium	78-2	461.92	473.64	468.77	468.11	1.26	ppb
Selenium	82-1	500.05	479.39	551.50	510.31	7.28	ppb
Silicon	28-1	2839.68	2753.40	3469.87	3020.98	12.95	ppb
Silver	109-1	468.74	469.72	528.14	488.87	6.96	ppb
Silver	107-1	465.63	459.72	522.69	482.68	7.21	ppb
Sodium	23-2	110663.59	109394.78	108917.73	109658.70	0.82	ppb
Strontium	86-1	817.53	781.06	891.43	830.01	6.78	ppb
Strontium	88-1	829.62	785.52	893.64	836.26	6.50	ppb
Sulfur	34-1	3493.21	2392.01	5606.28	3830.50	42.64	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	396.22	410.35	446.68	417.75	6.23	ppb
Thallium	205-1	406.48	418.87	457.68	427.68	6.25	ppb
Tin	118-1	479.15	462.63	532.07	491.28	7.38	ppb
Titanium	47-1	2749.54	2686.25	3116.01	2850.60	8.14	ppb
Uranium	238-1	417.69	419.61	473.36	436.89	7.23	ppb
Vanadium	51-2	572.62	585.45	577.07	578.38	1.13	ppb
Yttrium	89-1				95		%
Yttrium	89-2				83		%
Zinc	66-2	1211.96	1236.52	1226.76	1225.08	1.01	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-02	Instrumnet Name :	P8
Client Sample ID :	S32-0657	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:37:40	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	537.92	518.57	596.83	551.11	7.40	ppb
Zirconium	91-1	539.79	515.29	589.00	548.02	6.85	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-03	Instrumnet Name :	P8
Client Sample ID :	S32-0657	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:41:16	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11022.72	10676.44	10975.53	10891.56	1.72	ppb
Antimony	121-1	496.66	499.57	502.04	499.42	0.54	ppb
Arsenic	75-2	476.83	485.67	483.67	482.05	0.96	ppb
Barium	135-1	2567.64	2532.67	2497.45	2532.59	1.39	ppb
Barium	137-1	2598.16	2504.53	2547.35	2550.01	1.84	ppb
Beryllium	9-1	424.51	418.12	417.72	420.12	0.91	ppb
Bismuth	209-1				130		%
Bismuth	209-2				117		%
Boron	10-1	414.55	427.04	438.43	426.67	2.80	ppb
Boron	11-1	410.37	424.00	429.04	421.14	2.29	ppb
Cadmium	111-1	474.84	479.88	483.17	479.30	0.88	ppb
Cadmium	106-1	471.00	465.56	474.97	470.51	1.00	ppb
Cadmium	108-1	462.43	468.83	466.22	465.82	0.69	ppb
Calcium	43-1	253956.40	242034.00	242931.43	246307.27	2.70	ppb
Calcium	44-1	247969.68	240768.49	239159.73	242632.63	1.93	ppb
Chromium	52-2	574.30	577.81	579.70	577.27	0.48	ppb
Cobalt	59-2	617.16	610.11	610.83	612.70	0.63	ppb
Copper	63-2	1310.50	1312.98	1311.98	1311.82	0.10	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				113		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				87		%
Iron	56-2	30733.10	29786.76	30514.93	30344.93	1.63	ppb
Iron	57-2	30807.96	30220.63	30729.75	30586.11	1.04	ppb
Krypton	83-1						cps
Lead	206-1	447.08	437.63	430.44	438.38	1.90	ppb
Lead	207-1	429.03	423.13	420.53	424.23	1.03	ppb
Lead	208-1	438.30	434.82	429.48	434.20	1.02	ppb
Lithium	6-1				88		%
Magnesium	24-2	55441.76	53438.79	55283.90	54721.48	2.04	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-03	Instrumnet Name :	P8
Client Sample ID :	S32-0657	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:41:16	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1136.22	1136.24	1137.33	1136.60	0.06	ppb
Molybdenum	94-1	2746.41	2761.51	2796.51	2768.14	0.93	ppb
Molybdenum	95-1	2812.45	2799.88	2795.95	2802.76	0.31	ppb
Molybdenum	96-1	2775.72	2819.35	2773.59	2789.55	0.93	ppb
Molybdenum	97-1	2841.03	2833.75	2825.81	2833.53	0.27	ppb
Molybdenum	98-1	2836.25	2863.17	2900.06	2866.49	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	641.81	637.65	646.29	641.92	0.67	ppb
Phosphorus	31-2	-117.37	-108.31	-78.31	-101.33		ppb
Potassium	39-2	32549.54	31059.01	32182.12	31930.22	2.43	ppb
Rhodium	103-1				100		%
Rhodium	103-2				90		%
Scandium	45-1				81		%
Scandium	45-2				68		%
Selenium	77-2	451.19	413.71	471.47	445.46	6.58	ppb
Selenium	78-2	455.94	461.92	453.97	457.28	0.91	ppb
Selenium	82-1	480.59	488.51	482.91	484.00	0.84	ppb
Silicon	28-1	2518.32	2626.89	2561.64	2568.95	2.13	ppb
Silver	109-1	461.37	467.84	466.71	465.31	0.74	ppb
Silver	107-1	472.23	467.73	468.79	469.58	0.50	ppb
Sodium	23-2	107088.24	106863.53	108724.66	107558.81	0.94	ppb
Strontium	86-1	776.68	780.56	791.14	782.79	0.96	ppb
Strontium	88-1	790.15	790.60	799.39	793.38	0.66	ppb
Sulfur	34-1	2175.40	1456.71	1434.82	1688.98	24.95	ppb
Terbium	159-1				111		%
Terbium	159-2				102		%
Thallium	203-1	438.89	428.16	423.27	430.11	1.86	ppb
Thallium	205-1	455.26	440.64	432.65	442.85	2.59	ppb
Tin	118-1	476.13	479.16	479.31	478.20	0.38	ppb
Titanium	47-1	2614.53	2544.74	2544.07	2567.78	1.58	ppb
Uranium	238-1	449.55	447.67	443.93	447.05	0.64	ppb
Vanadium	51-2	564.01	565.00	573.86	567.62	0.96	ppb
Yttrium	89-1				102		%
Yttrium	89-2				83		%
Zinc	66-2	1199.89	1197.34	1190.36	1195.87	0.41	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-03	Instrumnet Name :	P8
Client Sample ID :	S32-0657	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:41:16	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	532.48	515.65	512.54	520.22	2.06	ppb
Zirconium	91-1	513.55	513.91	517.31	514.92	0.40	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-01A	Instrumnet Name :	P8
Client Sample ID :	S32-0657A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:44:53	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10956.22	11032.31	10986.83	10991.79	0.35	ppb
Antimony	121-1	497.47	501.91	510.76	503.38	1.34	ppb
Arsenic	75-2	493.88	491.40	489.03	491.44	0.49	ppb
Barium	135-1	2534.47	2546.53	2602.17	2561.06	1.41	ppb
Barium	137-1	2569.08	2567.06	2598.59	2578.24	0.68	ppb
Beryllium	9-1	431.68	422.19	425.44	426.44	1.13	ppb
Bismuth	209-1				129		%
Bismuth	209-2				114		%
Boron	10-1	417.42	428.25	444.80	430.15	3.21	ppb
Boron	11-1	441.32	433.49	428.05	434.28	1.54	ppb
Cadmium	111-1	472.45	470.93	478.47	473.95	0.84	ppb
Cadmium	106-1	473.30	456.79	457.72	462.60	2.01	ppb
Cadmium	108-1	474.01	447.33	465.55	462.30	2.95	ppb
Calcium	43-1	258659.44	249920.99	262097.75	256892.73	2.44	ppb
Calcium	44-1	253484.11	249994.00	255355.38	252944.50	1.08	ppb
Chromium	52-2	586.96	592.34	578.64	585.98	1.18	ppb
Cobalt	59-2	621.57	629.93	618.38	623.29	0.96	ppb
Copper	63-2	1350.32	1354.21	1306.35	1336.96	1.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				86		%
Iron	56-2	31269.46	31773.54	30949.26	31330.76	1.33	ppb
Iron	57-2	31037.27	31338.98	30690.93	31022.39	1.05	ppb
Krypton	83-1						cps
Lead	206-1	455.97	442.63	461.28	453.29	2.12	ppb
Lead	207-1	440.15	428.41	449.47	439.34	2.40	ppb
Lead	208-1	449.29	438.36	458.01	448.55	2.20	ppb
Lithium	6-1				89		%
Magnesium	24-2	52493.54	52840.00	51538.21	52290.58	1.29	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-01A	Instrumnet Name :	P8
Client Sample ID :	S32-0657A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:44:53	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1155.30	1171.59	1126.31	1151.07	1.99	ppb
Molybdenum	94-1	2837.22	2788.01	2846.92	2824.05	1.12	ppb
Molybdenum	95-1	2931.24	2853.85	2906.78	2897.29	1.37	ppb
Molybdenum	96-1	2905.61	2927.42	2866.34	2899.79	1.07	ppb
Molybdenum	97-1	2898.29	2857.32	2914.99	2890.20	1.03	ppb
Molybdenum	98-1	2895.05	2920.51	2967.54	2927.70	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	654.48	657.84	641.85	651.39	1.29	ppb
Phosphorus	31-2	-126.65	-131.57	-73.78	-110.67		ppb
Potassium	39-2	31472.42	32211.14	32117.67	31933.74	1.26	ppb
Rhodium	103-1				100		%
Rhodium	103-2				89		%
Scandium	45-1				79		%
Scandium	45-2				68		%
Selenium	77-2	449.47	429.87	493.91	457.75	7.17	ppb
Selenium	78-2	472.31	479.08	467.67	473.02	1.21	ppb
Selenium	82-1	491.51	499.75	501.37	497.54	1.06	ppb
Silicon	28-1	2797.41	2717.40	2788.98	2767.93	1.59	ppb
Silver	109-1	469.79	471.10	471.95	470.94	0.23	ppb
Silver	107-1	476.06	462.00	467.77	468.61	1.51	ppb
Sodium	23-2	110580.08	111574.92	108438.42	110197.81	1.45	ppb
Strontium	86-1	810.60	821.96	812.34	814.97	0.75	ppb
Strontium	88-1	798.69	815.52	801.82	805.34	1.11	ppb
Sulfur	34-1	1943.76	1478.01	2043.32	1821.70	16.57	ppb
Terbium	159-1				114		%
Terbium	159-2				102		%
Thallium	203-1	440.50	436.15	451.20	442.62	1.75	ppb
Thallium	205-1	455.44	456.18	468.88	460.17	1.64	ppb
Tin	118-1	476.87	473.55	483.60	478.01	1.07	ppb
Titanium	47-1	2726.50	2686.84	2745.22	2719.52	1.10	ppb
Uranium	238-1	465.36	458.95	465.75	463.35	0.82	ppb
Vanadium	51-2	580.09	581.78	572.29	578.05	0.88	ppb
Yttrium	89-1				103		%
Yttrium	89-2				81		%
Zinc	66-2	1217.37	1222.34	1194.99	1211.57	1.20	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-01A	Instrumnet Name :	P8
Client Sample ID :	S32-0657A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:44:53	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	527.80	544.98	539.96	537.58	1.64	ppb
Zirconium	91-1	528.05	533.84	523.80	528.56	0.95	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-04	Instrumnet Name :	P8
Client Sample ID :	S32-0652	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:48:30	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.93	20.82	11.18	17.98	32.88	ppb
Antimony	121-1	1.88	1.82	1.97	1.89	3.97	ppb
Arsenic	75-2	17.73	17.79	17.17	17.56	1.94	ppb
Barium	135-1	29.97	28.68	28.85	29.17	2.40	ppb
Barium	137-1	30.05	29.17	29.34	29.52	1.59	ppb
Beryllium	9-1	0.19	0.16	0.12	0.16	21.54	ppb
Bismuth	209-1				126		%
Bismuth	209-2				111		%
Boron	10-1	50.43	52.90	55.08	52.80	4.41	ppb
Boron	11-1	55.37	54.68	53.79	54.62	1.45	ppb
Cadmium	111-1	-0.14	-0.10	-0.21	-0.15		ppb
Cadmium	106-1	-2.67	-1.81	-3.45	-2.64		ppb
Cadmium	108-1	0.06	-0.01	-0.08	-0.01		ppb
Calcium	43-1	53421.02	53179.29	52898.68	53166.33	0.49	ppb
Calcium	44-1	53421.15	53624.83	52136.89	53060.96	1.52	ppb
Chromium	52-2	0.78	0.81	0.68	0.75	9.17	ppb
Cobalt	59-2	0.47	0.45	0.51	0.48	6.96	ppb
Copper	63-2	7.41	7.23	7.96	7.53	5.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				88		%
Iron	56-2	690.92	673.63	694.99	686.51	1.65	ppb
Iron	57-2	704.54	697.26	720.32	707.37	1.67	ppb
Krypton	83-1						cps
Lead	206-1	0.33	0.30	0.33	0.32	4.84	ppb
Lead	207-1	0.23	0.33	0.26	0.27	17.61	ppb
Lead	208-1	0.29	0.31	0.29	0.29	3.57	ppb
Lithium	6-1				82		%
Magnesium	24-2	20541.81	20085.83	20586.55	20404.73	1.36	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-04	Instrumnet Name :	P8
Client Sample ID :	S32-0652	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:48:30	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	872.21	847.48	887.25	868.98	2.31	ppb
Molybdenum	94-1	9.40	9.41	8.97	9.26	2.72	ppb
Molybdenum	95-1	12.77	12.46	12.51	12.58	1.33	ppb
Molybdenum	96-1	12.08	12.79	12.35	12.40	2.89	ppb
Molybdenum	97-1	13.08	12.40	12.95	12.81	2.85	ppb
Molybdenum	98-1	13.31	13.61	13.50	13.47	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.74	0.84	0.88	0.82	8.35	ppb
Phosphorus	31-2	-84.44	-25.37	-19.39	-43.07		ppb
Potassium	39-2	11423.31	11349.14	11760.52	11510.99	1.90	ppb
Rhodium	103-1				102		%
Rhodium	103-2				90		%
Scandium	45-1				77		%
Scandium	45-2				64		%
Selenium	77-2	3.24	2.02	2.01	2.42	29.13	ppb
Selenium	78-2	-0.07	-0.75	-0.55	-0.46		ppb
Selenium	82-1	0.57	0.61	-1.89	-0.24		ppb
Silicon	28-1	4341.01	4262.31	4385.49	4329.61	1.44	ppb
Silver	109-1	0.42	0.35	0.34	0.37	11.65	ppb
Silver	107-1	0.43	0.29	0.31	0.34	21.33	ppb
Sodium	23-2	64273.96	61906.92	63854.60	63345.16	1.99	ppb
Strontium	86-1	397.55	396.81	392.05	395.47	0.75	ppb
Strontium	88-1	412.28	409.42	401.57	407.76	1.36	ppb
Sulfur	34-1	11913.24	11150.09	12069.70	11711.01	4.20	ppb
Terbium	159-1				113		%
Terbium	159-2				101		%
Thallium	203-1	0.37	0.31	0.28	0.32	14.58	ppb
Thallium	205-1	0.38	0.37	0.34	0.36	6.47	ppb
Tin	118-1	4.01	3.85	3.44	3.77	7.84	ppb
Titanium	47-1	0.22	1.95	0.23	0.80	124.35	ppb
Uranium	238-1	2.62	2.67	2.68	2.65	1.17	ppb
Vanadium	51-2	0.43	0.40	0.50	0.44	11.37	ppb
Yttrium	89-1				101		%
Yttrium	89-2				81		%
Zinc	66-2	7.32	7.70	7.14	7.39	3.85	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-04	Instrumnet Name :	P8
Client Sample ID :	S32-0652	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:48:30	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.08	0.05	0.07	20.08	ppb
Zirconium	91-1	0.09	0.08	0.04	0.07	37.49	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:55:20	DataFile Name :	074CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51207.85	52288.28	51507.36	51667.83	1.08	ppb
Antimony	121-1	475.80	471.20	486.91	477.97	1.69	ppb
Arsenic	75-2	479.29	479.21	490.36	482.95	1.33	ppb
Barium	135-1	2423.06	2321.35	2420.79	2388.40	2.43	ppb
Barium	137-1	2423.12	2392.34	2471.40	2428.95	1.64	ppb
Beryllium	9-1	452.24	456.25	450.64	453.04	0.64	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	430.17	447.28	435.65	437.70	2.00	ppb
Boron	11-1	440.17	455.10	447.49	447.59	1.67	ppb
Cadmium	111-1	466.25	466.44	473.17	468.62	0.84	ppb
Cadmium	106-1	467.13	469.25	458.23	464.87	1.26	ppb
Cadmium	108-1	482.57	463.19	480.09	475.29	2.22	ppb
Calcium	43-1	240434.01	240702.89	253893.33	245010.08	3.14	ppb
Calcium	44-1	241731.98	238619.61	248946.97	243099.52	2.18	ppb
Chromium	52-2	506.37	527.29	515.01	516.22	2.04	ppb
Cobalt	59-2	519.02	527.89	519.39	522.10	0.96	ppb
Copper	63-2	1024.37	1060.22	1025.16	1036.58	1.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				93		%
Iron	56-2	127297.13	129357.43	129390.52	128681.70	0.93	ppb
Iron	57-2	130066.96	134002.56	132755.56	132275.03	1.52	ppb
Krypton	83-1						cps
Lead	206-1	490.79	494.07	493.33	492.73	0.35	ppb
Lead	207-1	492.99	499.79	492.86	495.21	0.80	ppb
Lead	208-1	498.08	498.76	490.27	495.70	0.95	ppb
Lithium	6-1				102		%
Magnesium	24-2	236314.58	244730.91	241490.46	240845.32	1.76	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:55:20	DataFile Name :	074CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	991.47	1006.48	1005.56	1001.17	0.84	ppb
Molybdenum	94-1	2461.31	2527.53	2487.88	2492.24	1.34	ppb
Molybdenum	95-1	2471.58	2522.67	2527.97	2507.41	1.24	ppb
Molybdenum	96-1	2426.79	2509.77	2513.31	2483.29	1.97	ppb
Molybdenum	97-1	2450.78	2543.18	2494.93	2496.30	1.85	ppb
Molybdenum	98-1	2438.63	2535.31	2456.26	2476.73	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.60	532.48	520.43	523.17	1.58	ppb
Phosphorus	31-2	8910.36	9853.85	9537.08	9433.76	5.09	ppb
Potassium	39-2	119290.19	125129.44	121935.91	122118.51	2.39	ppb
Rhodium	103-1				104		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				91		%
Selenium	77-2	455.36	452.35	417.10	441.61	4.82	ppb
Selenium	78-2	481.00	470.16	463.49	471.55	1.87	ppb
Selenium	82-1	465.08	470.88	479.42	471.79	1.53	ppb
Silicon	28-1	299.23	273.47	397.93	323.54	20.30	ppb
Silver	109-1	469.02	474.34	480.46	474.61	1.21	ppb
Silver	107-1	479.21	469.94	469.23	472.79	1.18	ppb
Sodium	23-2	237167.69	237509.70	236110.27	236929.22	0.31	ppb
Strontium	86-1	482.62	488.75	491.88	487.75	0.97	ppb
Strontium	88-1	496.40	499.55	493.21	496.39	0.64	ppb
Sulfur	34-1	7746.35	7020.43	8386.89	7717.89	8.86	ppb
Terbium	159-1				112		%
Terbium	159-2				103		%
Thallium	203-1	489.83	489.78	497.56	492.39	0.91	ppb
Thallium	205-1	499.59	498.34	497.57	498.50	0.20	ppb
Tin	118-1	480.54	474.78	478.52	477.94	0.61	ppb
Titanium	47-1	2407.87	2383.84	2473.50	2421.74	1.92	ppb
Uranium	238-1	507.22	513.79	524.25	515.09	1.67	ppb
Vanadium	51-2	503.47	513.72	509.22	508.80	1.01	ppb
Yttrium	89-1				109		%
Yttrium	89-2				95		%
Zinc	66-2	1007.91	1032.97	1030.51	1023.80	1.35	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:55:20	DataFile Name :	074CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	484.65	485.20	497.52	489.12	1.49	ppb
Zirconium	91-1	488.87	488.62	491.09	489.53	0.28	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:58:56	DataFile Name :	075CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.10	0.10	-0.34	-0.05		ppb
Antimony	121-1	0.11	0.09	0.07	0.09	20.34	ppb
Arsenic	75-2	0.03	0.04	0.00	0.02	87.76	ppb
Barium	135-1	0.03	0.04	0.04	0.04	19.61	ppb
Barium	137-1	0.04	0.02	0.03	0.03	33.43	ppb
Beryllium	9-1	0.13	0.13	0.07	0.11	31.64	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	8.01	10.45	7.86	8.77	16.59	ppb
Boron	11-1	10.27	9.03	8.89	9.40	8.08	ppb
Cadmium	111-1	-0.05	-0.09	0.07	-0.02		ppb
Cadmium	106-1	-0.84	-1.33	1.03	-0.38		ppb
Cadmium	108-1	-0.01	-0.08	-0.08	-0.06		ppb
Calcium	43-1	-13.25	3.48	-28.97	-12.91		ppb
Calcium	44-1	-3.72	-5.99	-6.23	-5.31		ppb
Chromium	52-2	0.02	-0.01	0.12	0.04	144.62	ppb
Cobalt	59-2	-0.03	-0.03	-0.03	-0.03		ppb
Copper	63-2	-0.05	-0.04	0.09	0.00	4572.44	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				111		%
Holmium	165-2				102		%
Indium	115-1				110		%
Indium	115-2				97		%
Iron	56-2	1.43	0.98	0.89	1.10	25.87	ppb
Iron	57-2	2.63	0.69	0.57	1.30	89.11	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.12	0.06	0.10	33.87	ppb
Lead	207-1	0.14	0.08	0.14	0.12	29.53	ppb
Lead	208-1	0.11	0.13	0.10	0.11	12.56	ppb
Lithium	6-1				109		%
Magnesium	24-2	3.69	1.85	2.37	2.64	35.99	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:58:56	DataFile Name :	075CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.00	0.03	0.01	269.72	ppb
Molybdenum	94-1	0.05	0.08	0.06	0.06	22.64	ppb
Molybdenum	95-1	0.05	0.06	0.05	0.05	17.79	ppb
Molybdenum	96-1	0.02	0.05	0.05	0.04	39.72	ppb
Molybdenum	97-1	0.00	0.03	0.12	0.05	119.40	ppb
Molybdenum	98-1	0.05	0.02	0.05	0.04	37.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.05	-0.04	0.01	337.75	ppb
Phosphorus	31-2	-104.26	-111.22	-71.10	-95.52		ppb
Potassium	39-2	25.24	26.71	77.73	43.23	69.14	ppb
Rhodium	103-1				111		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				92		%
Selenium	77-2	-0.32	0.64	-0.32	0.00	26611.93	ppb
Selenium	78-2	-0.60	-0.78	0.07	-0.44		ppb
Selenium	82-1	-0.23	-0.60	-0.66	-0.50		ppb
Silicon	28-1	-80.02	-65.46	-79.07	-74.85		ppb
Silver	109-1	0.06	0.08	0.04	0.06	38.99	ppb
Silver	107-1	0.07	0.07	0.05	0.07	15.36	ppb
Sodium	23-2	90.97	91.66	118.67	100.43	15.73	ppb
Strontium	86-1	-0.02	-0.01	0.02	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	255.13	ppb
Sulfur	34-1	-954.22	-1169.06	-1038.87	-1054.05		ppb
Terbium	159-1				112		%
Terbium	159-2				102		%
Thallium	203-1	0.08	0.06	0.02	0.05	52.30	ppb
Thallium	205-1	0.08	0.08	0.06	0.07	19.60	ppb
Tin	118-1	0.07	0.05	0.07	0.06	18.96	ppb
Titanium	47-1	-0.08	-0.61	-0.95	-0.55		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	-0.01	-0.02	-0.01		ppb
Yttrium	89-1				110		%
Yttrium	89-2				96		%
Zinc	66-2	0.61	0.56	0.52	0.57	7.90	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:58:56	DataFile Name :	075CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	-0.01	0.00	265.17	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	41.92	ppb

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:13:52	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	58	83	58	42.86	cps
Antimony	121-1	25	33	0	19	89.21	cps
Arsenic	75-2	3	5	2	3	45.83	cps
Barium	135-1	0	17	17	11	86.60	cps
Barium	137-1	17	25	25	22	21.64	cps
Beryllium	9-1	22	44	33	33	33.35	cps
Bismuth	209-1	1400190	1420714	1397010	1405971	0.92	cps
Bismuth	209-2	1259893	1265639	1260848	1262127	0.24	cps
Boron	10-1	83	117	100	100	16.66	cps
Boron	11-1	667	475	575	572	16.75	cps
Cadmium	111-1	470	379	394	414	11.76	cps
Cadmium	106-1	675	533	567	592	12.52	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	667	742	575	661	12.63	cps
Calcium	44-1	14424	15008	14883	14772	2.08	cps
Chromium	52-2	667	900	777	781	14.94	cps
Cobalt	59-2	120	70	93	94	26.49	cps
Copper	63-2	1103	990	923	1006	9.05	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	0	33	0	11	173.21	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	33	8	8	17	86.62	cps
Gadolinium	160-2	0	13	3	6	124.93	cps
Holmium	165-1	2236972	2212491	2220311	2223258	0.56	cps
Holmium	165-2	1764753	1765354	1778161	1769423	0.43	cps
Indium	115-1	2028443	2033909	2009717	2024023	0.63	cps
Indium	115-2	604920	611767	607345	608011	0.57	cps
Iron	56-2	2411	2084	2072	2189	8.80	cps
Iron	57-2	61	50	83	65	26.19	cps
Krypton	83-1	343	283	297	308	10.24	cps
Lead	206-1	272	328	378	326	16.20	cps
Lead	207-1	172	267	350	263	33.82	cps
Lead	208-1	967	1239	1350	1185	16.64	cps
Lithium	6-1	494297	488218	487575	490030	0.76	cps
Magnesium	24-2	33	67	108	69	54.12	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:13:52	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	53	57	53	6.25	cps
Molybdenum	94-1	67	125	67	86	39.11	cps
Molybdenum	95-1	8	33	8	17	86.62	cps
Molybdenum	96-1	75	42	58	58	28.57	cps
Molybdenum	97-1	125	167	108	133	22.53	cps
Molybdenum	98-1	42	42	33	39	12.38	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	110	90	97	99	10.30	cps
Phosphorus	31-2	417	508	475	467	9.94	cps
Potassium	39-2	21408	22201	22585	22065	2.72	cps
Rhodium	103-1	1964899	1985905	1936638	1962481	1.26	cps
Rhodium	103-2	1517760	1511372	1501056	1510063	0.56	cps
Scandium	45-1	1568656	1572111	1598570	1579779	1.04	cps
Scandium	45-2	86994	89304	88003	88100	1.31	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	32	37	27	32	15.63	cps
Selenium	82-1	-47	10	-15	-17	-165.22	cps
Silicon	28-1	2018083	2013026	1982861	2004657	0.95	cps
Silver	109-1	42	25	33	33	25.01	cps
Silver	107-1	50	58	33	47	26.97	cps
Sodium	23-2	14925	14466	14199	14530	2.53	cps
Strontium	86-1	525	483	375	461	16.79	cps
Strontium	88-1	67	117	92	92	27.27	cps
Sulfur	34-1	209649	209091	211508	210083	0.60	cps
Terbium	159-1	2403416	2359972	2412007	2391798	1.17	cps
Terbium	159-2	1803572	1868341	1833329	1835081	1.77	cps
Thallium	203-1	75	92	25	64	54.31	cps
Thallium	205-1	142	117	42	100	52.04	cps
Tin	118-1	67	133	100	100	33.33	cps
Titanium	47-1	1525	1508	1683	1572	6.14	cps
Uranium	238-1	25	50	42	39	32.73	cps
Vanadium	51-2	27	27	30	28	6.92	cps
Yttrium	89-1	2311229	2242054	2254565	2269282	1.62	cps
Yttrium	89-2	504606	506251	506085	505647	0.18	cps
Zinc	66-2	53	47	83	61	31.96	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:13:52	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	158	200	200	186	12.93	cps
Zirconium	91-1	33	33	42	36	13.33	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:21:42	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	542	625	517	561	10.11	cps
Antimony	121-1	5751	6027	6160	5979	3.48	cps
Arsenic	75-2	225	199	207	210	6.33	cps
Barium	135-1	5693	5860	6152	5901	3.93	cps
Barium	137-1	9862	10730	10655	10415	4.61	cps
Beryllium	9-1	544	650	639	611	9.49	cps
Bismuth	209-1	1414620	1419279	1402250	1412049	0.62	cps
Bismuth	209-2	1248712	1263838	1283823	1265457	1.39	cps
Boron	10-1	1934	1775	1909	1872	4.55	cps
Boron	11-1	8961	8911	9545	9139	3.86	cps
Cadmium	111-1	987	1181	1091	1086	8.96	cps
Cadmium	106-1	542	775	600	639	19.01	cps
Cadmium	108-1	67	46	29	47	39.79	cps
Calcium	43-1	5151	4893	4543	4862	6.28	cps
Calcium	44-1	84092	84503	86281	84959	1.37	cps
Chromium	52-2	3264	3290	3140	3232	2.48	cps
Cobalt	59-2	2094	2210	2147	2150	2.72	cps
Copper	63-2	3851	4054	3824	3909	3.22	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	25	8	19	49.50	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	0	17	25	14	91.65	cps
Gadolinium	160-2	0	17	10	9	94.38	cps
Holmium	165-1	2254473	2214069	2198272	2222271	1.30	cps
Holmium	165-2	1758602	1806765	1841965	1802444	2.32	cps
Indium	115-1	2052228	2045589	2024223	2040680	0.72	cps
Indium	115-2	601354	618693	620971	613673	1.75	cps
Iron	56-2	54405	55231	56391	55343	1.80	cps
Iron	57-2	1306	1478	1378	1387	6.24	cps
Krypton	83-1	340	257	317	304	14.12	cps
Lead	206-1	1789	1845	1683	1772	4.62	cps
Lead	207-1	1772	1656	1672	1700	3.71	cps
Lead	208-1	7551	7445	7707	7568	1.74	cps
Lithium	6-1	490418	493349	500318	494695	1.03	cps
Magnesium	24-2	34283	36071	36121	35492	2.95	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:21:42	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	770	703	773	749	5.27	cps
Molybdenum	94-1	5084	5201	5610	5298	5.21	cps
Molybdenum	95-1	6602	6610	6610	6607	0.07	cps
Molybdenum	96-1	7736	7494	7235	7488	3.34	cps
Molybdenum	97-1	4359	4192	4051	4201	3.67	cps
Molybdenum	98-1	10421	10613	11055	10696	3.04	cps
Neodymium	150-1	7	0	27	11	124.89	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	683	627	707	672	6.12	cps
Phosphorus	31-2	467	567	642	558	15.72	cps
Potassium	39-2	60924	60731	62087	61247	1.20	cps
Rhodium	103-1	1954820	1976256	1978181	1969752	0.66	cps
Rhodium	103-2	1491030	1508461	1531863	1510451	1.36	cps
Scandium	45-1	1599673	1587303	1584601	1590526	0.51	cps
Scandium	45-2	87718	89422	90432	89191	1.54	cps
Selenium	77-2	23	23	13	20	28.87	cps
Selenium	78-2	93	88	90	90	2.79	cps
Selenium	82-1	182	306	222	237	26.65	cps
Silicon	28-1	2041080	2081531	2044759	2055790	1.09	cps
Silver	109-1	3067	2925	3109	3034	3.17	cps
Silver	107-1	3100	3142	3100	3114	0.77	cps
Sodium	23-2	83150	82186	84953	83430	1.68	cps
Strontium	86-1	1242	1000	1133	1125	10.76	cps
Strontium	88-1	6877	7519	6277	6891	9.02	cps
Sulfur	34-1	213539	214123	213075	213579	0.25	cps
Terbium	159-1	2405629	2410896	2429760	2415428	0.53	cps
Terbium	159-2	1830629	1846260	1848433	1841774	0.53	cps
Thallium	203-1	2017	2209	1700	1975	13.00	cps
Thallium	205-1	4351	4409	4451	4404	1.14	cps
Tin	118-1	9796	9871	9679	9782	0.99	cps
Titanium	47-1	3867	3384	3459	3570	7.29	cps
Uranium	238-1	5960	5726	5376	5688	5.17	cps
Vanadium	51-2	5268	5158	5198	5208	1.07	cps
Yttrium	89-1	2273483	2288598	2271178	2277753	0.42	cps
Yttrium	89-2	499529	509340	513680	507516	1.43	cps
Zinc	66-2	553	603	507	554	8.72	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:21:42	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3959	4468	4468	4298	6.83	cps
Zirconium	91-1	825	917	1092	945	14.35	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:25:42	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28704	29114	29406	29075	1.21	cps
Antimony	121-1	155309	155259	157122	155897	0.68	cps
Arsenic	75-2	11857	11886	11792	11845	0.41	cps
Barium	135-1	153243	154085	154212	153847	0.34	cps
Barium	137-1	263523	260956	260494	261658	0.62	cps
Beryllium	9-1	33172	33094	33757	33341	1.09	cps
Bismuth	209-1	1400694	1404872	1412045	1405870	0.41	cps
Bismuth	209-2	1297124	1281795	1266633	1281851	1.19	cps
Boron	10-1	3876	3951	3834	3887	1.52	cps
Boron	11-1	18429	19071	19088	18863	1.99	cps
Cadmium	111-1	35831	37163	38014	37002	2.97	cps
Cadmium	106-1	4184	4826	4618	4543	7.21	cps
Cadmium	108-1	2817	2709	2717	2748	2.19	cps
Calcium	43-1	45424	44437	43919	44594	1.71	cps
Calcium	44-1	749898	760333	746909	752380	0.94	cps
Chromium	52-2	67338	67103	66661	67034	0.51	cps
Cobalt	59-2	106745	109129	107500	107791	1.13	cps
Copper	63-2	156877	157466	156671	157005	0.26	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	0	17	8	100.02	cps
Erbium	164-2	10	10	0	7	86.60	cps
Gadolinium	160-1	17	17	0	11	86.60	cps
Gadolinium	160-2	13	17	17	16	12.40	cps
Holmium	165-1	2180775	2214314	2169693	2188260	1.06	cps
Holmium	165-2	1781065	1813342	1794185	1796197	0.90	cps
Indium	115-1	2026978	2014246	2028955	2023393	0.39	cps
Indium	115-2	625469	623759	618945	622724	0.54	cps
Iron	56-2	2730776	2740061	2733237	2734691	0.18	cps
Iron	57-2	67809	66904	67228	67314	0.68	cps
Krypton	83-1	250	297	167	238	27.70	cps
Lead	206-1	80542	82499	82790	81944	1.49	cps
Lead	207-1	73455	73567	74249	73757	0.58	cps
Lead	208-1	327837	330152	332399	330129	0.69	cps
Lithium	6-1	470071	478728	480567	476455	1.18	cps
Magnesium	24-2	368600	369207	373476	370428	0.72	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:25:42	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	69897	69753	70808	70153	0.82	cps
Molybdenum	94-1	271083	269978	271864	270975	0.35	cps
Molybdenum	95-1	329871	332890	329062	330608	0.61	cps
Molybdenum	96-1	368536	369225	369961	369241	0.19	cps
Molybdenum	97-1	206686	205553	205502	205914	0.33	cps
Molybdenum	98-1	525700	529697	531765	529054	0.58	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	29354	29468	29127	29316	0.59	cps
Phosphorus	31-2	3217	3117	3392	3242	4.29	cps
Potassium	39-2	229196	229511	229646	229451	0.10	cps
Rhodium	103-1	1957626	1939512	1951721	1949620	0.47	cps
Rhodium	103-2	1523528	1521658	1489459	1511548	1.27	cps
Scandium	45-1	1602956	1629117	1586444	1606172	1.34	cps
Scandium	45-2	92646	92008	91388	92014	0.68	cps
Selenium	77-2	160	200	153	171	14.75	cps
Selenium	78-2	636	628	658	641	2.42	cps
Selenium	82-1	2529	2500	2550	2526	1.00	cps
Silicon	28-1	2136683	2120020	2143511	2133405	0.57	cps
Silver	109-1	160815	163676	163574	162688	1.00	cps
Silver	107-1	169503	169233	171655	170130	0.78	cps
Sodium	23-2	756373	757920	757706	757333	0.11	cps
Strontium	86-1	41463	43620	42625	42570	2.54	cps
Strontium	88-1	362361	362567	359512	361480	0.47	cps
Sulfur	34-1	222785	224726	226715	224742	0.87	cps
Terbium	159-1	2392322	2358295	2368312	2372976	0.74	cps
Terbium	159-2	1863976	1858225	1857367	1859856	0.19	cps
Thallium	203-1	99580	99891	98210	99227	0.90	cps
Thallium	205-1	241800	237290	242517	240536	1.18	cps
Tin	118-1	99904	99820	103297	101007	1.96	cps
Titanium	47-1	105529	108308	108343	107393	1.50	cps
Uranium	238-1	304965	306601	309494	307020	0.75	cps
Vanadium	51-2	53575	53391	53070	53346	0.48	cps
Yttrium	89-1	2235630	2224285	2251438	2237118	0.61	cps
Yttrium	89-2	512185	514425	511704	512771	0.28	cps
Zinc	66-2	27514	28265	28018	27933	1.37	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:25:42	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	226851	223320	224319	224830	0.81	cps
Zirconium	91-1	49064	50084	49315	49488	1.07	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:29:41	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70684	73373	70416	71491	2.29	cps
Antimony	121-1	391618	392989	389847	391484	0.40	cps
Arsenic	75-2	29152	29282	29041	29158	0.41	cps
Barium	135-1	388211	385690	388275	387392	0.38	cps
Barium	137-1	663807	655496	653706	657670	0.82	cps
Beryllium	9-1	84423	83440	82904	83589	0.92	cps
Bismuth	209-1	1422256	1419624	1413055	1418312	0.33	cps
Bismuth	209-2	1283055	1273933	1269101	1275363	0.56	cps
Boron	10-1	9754	9303	9620	9559	2.42	cps
Boron	11-1	46911	47663	46860	47145	0.95	cps
Cadmium	111-1	91961	91217	91570	91583	0.41	cps
Cadmium	106-1	10338	10187	9904	10143	2.17	cps
Cadmium	108-1	6598	6785	6627	6670	1.51	cps
Calcium	43-1	113868	110046	112162	112025	1.71	cps
Calcium	44-1	1847228	1829612	1828552	1835131	0.57	cps
Chromium	52-2	166237	167012	164929	166060	0.63	cps
Cobalt	59-2	265559	270156	268048	267921	0.86	cps
Copper	63-2	389405	387691	387086	388060	0.31	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	17	8	0	8	100.02	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	33	25	17	25	33.32	cps
Gadolinium	160-2	7	17	17	13	43.29	cps
Holmium	165-1	2274973	2215237	2207230	2232480	1.66	cps
Holmium	165-2	1797944	1775942	1789971	1787953	0.62	cps
Indium	115-1	2015620	2030245	2043823	2029896	0.69	cps
Indium	115-2	621571	614768	612951	616430	0.74	cps
Iron	56-2	6713855	6637741	6670980	6674192	0.57	cps
Iron	57-2	163091	167706	165767	165521	1.40	cps
Krypton	83-1	310	257	297	288	9.65	cps
Lead	206-1	207154	205034	203232	205140	0.96	cps
Lead	207-1	185152	182575	185776	184501	0.92	cps
Lead	208-1	832504	824197	821597	826099	0.69	cps
Lithium	6-1	482212	480829	472495	478512	1.10	cps
Magnesium	24-2	925791	936228	931253	931091	0.56	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:29:41	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	173019	177177	175571	175256	1.20	cps
Molybdenum	94-1	677509	680490	674185	677395	0.47	cps
Molybdenum	95-1	828625	838734	829860	832406	0.66	cps
Molybdenum	96-1	932585	936973	925359	931639	0.63	cps
Molybdenum	97-1	522236	522471	511144	518617	1.25	cps
Molybdenum	98-1	1327499	1342495	1322101	1330698	0.79	cps
Neodymium	150-1	20	60	13	31	81.13	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	72725	72363	73740	72943	0.98	cps
Phosphorus	31-2	7044	6994	6919	6985	0.90	cps
Potassium	39-2	532499	540575	541229	538101	0.90	cps
Rhodium	103-1	1960108	1998251	1981167	1979842	0.97	cps
Rhodium	103-2	1508853	1514717	1502848	1508806	0.39	cps
Scandium	45-1	1586422	1589483	1611198	1595701	0.85	cps
Scandium	45-2	90955	90290	91546	90930	0.69	cps
Selenium	77-2	387	457	410	418	8.53	cps
Selenium	78-2	1491	1549	1589	1543	3.19	cps
Selenium	82-1	6079	6138	5971	6063	1.40	cps
Silicon	28-1	2215673	2206508	2269434	2230539	1.52	cps
Silver	109-1	410051	401935	404145	405377	1.04	cps
Silver	107-1	428139	432057	426129	428775	0.70	cps
Sodium	23-2	1832253	1888948	1868659	1863287	1.54	cps
Strontium	86-1	106580	105153	104455	105396	1.03	cps
Strontium	88-1	915305	910808	916489	914201	0.33	cps
Sulfur	34-1	242940	239648	240963	241183	0.69	cps
Terbium	159-1	2424731	2447906	2374167	2415601	1.56	cps
Terbium	159-2	1869180	1871150	1846075	1862135	0.75	cps
Thallium	203-1	256492	244728	252030	251083	2.37	cps
Thallium	205-1	606516	596411	601017	601315	0.84	cps
Tin	118-1	252639	256583	254248	254490	0.78	cps
Titanium	47-1	268898	267686	271199	269261	0.66	cps
Uranium	238-1	763230	763527	767592	764783	0.32	cps
Vanadium	51-2	132038	133193	132796	132676	0.44	cps
Yttrium	89-1	2282845	2321456	2257674	2287325	1.40	cps
Yttrium	89-2	519909	519000	509649	516186	1.10	cps
Zinc	66-2	68274	69449	68398	68707	0.94	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:29:41	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	564546	564639	564674	564619	0.01	cps
Zirconium	91-1	124859	126281	127316	126152	0.98	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:33:40	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142636	140717	141054	141469	0.72	cps
Antimony	121-1	788224	784443	780262	784310	0.51	cps
Arsenic	75-2	58343	58634	57975	58317	0.57	cps
Barium	135-1	775966	768515	761679	768720	0.93	cps
Barium	137-1	1301684	1314387	1310597	1308889	0.50	cps
Beryllium	9-1	166680	166090	167236	166668	0.34	cps
Bismuth	209-1	1397384	1383630	1385409	1388808	0.54	cps
Bismuth	209-2	1256498	1254810	1244859	1252056	0.50	cps
Boron	10-1	18529	18838	19430	18932	2.42	cps
Boron	11-1	90819	94159	94593	93190	2.22	cps
Cadmium	111-1	182001	182151	178268	180807	1.22	cps
Cadmium	106-1	19114	18905	18980	19000	0.56	cps
Cadmium	108-1	13390	13086	13674	13383	2.20	cps
Calcium	43-1	221139	220259	221161	220853	0.23	cps
Calcium	44-1	3667823	3596145	3676058	3646675	1.21	cps
Chromium	52-2	327539	330827	329024	329130	0.50	cps
Cobalt	59-2	527661	527223	530560	528481	0.34	cps
Copper	63-2	767824	764551	761474	764616	0.42	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	17	8	17	14	34.67	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	8	0	33	14	124.91	cps
Gadolinium	160-2	3	7	13	8	65.47	cps
Holmium	165-1	2229094	2162295	2190333	2193907	1.53	cps
Holmium	165-2	1773600	1806304	1789255	1789719	0.91	cps
Indium	115-1	1998098	1971749	1969667	1979838	0.80	cps
Indium	115-2	600421	609102	608808	606110	0.81	cps
Iron	56-2	13279956	13208667	13309456	13266026	0.39	cps
Iron	57-2	329579	328828	328390	328933	0.18	cps
Krypton	83-1	300	350	317	322	7.90	cps
Lead	206-1	400873	403017	402078	401989	0.27	cps
Lead	207-1	361838	367474	361837	363716	0.89	cps
Lead	208-1	1630154	1649428	1630593	1636725	0.67	cps
Lithium	6-1	471972	473857	478977	474936	0.76	cps
Magnesium	24-2	1846362	1822462	1823257	1830694	0.74	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:33:40	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	345646	348682	349280	347869	0.56	cps
Molybdenum	94-1	1356400	1364503	1357103	1359335	0.33	cps
Molybdenum	95-1	1647945	1656301	1652917	1652387	0.25	cps
Molybdenum	96-1	1838493	1828489	1862936	1843306	0.96	cps
Molybdenum	97-1	1028763	1016876	1025354	1023664	0.60	cps
Molybdenum	98-1	2653659	2608318	2634622	2632200	0.86	cps
Neodymium	150-1	53	47	80	60	29.40	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	141729	143463	144410	143201	0.95	cps
Phosphorus	31-2	13081	13281	12965	13109	1.22	cps
Potassium	39-2	1038066	1037724	1039209	1038333	0.07	cps
Rhodium	103-1	1893191	1901133	1929012	1907779	0.99	cps
Rhodium	103-2	1469454	1486803	1489220	1481826	0.73	cps
Scandium	45-1	1578335	1565517	1585659	1576504	0.65	cps
Scandium	45-2	89630	90576	89368	89858	0.71	cps
Selenium	77-2	853	910	983	916	7.12	cps
Selenium	78-2	2969	2939	2999	2969	1.01	cps
Selenium	82-1	12073	12009	11934	12005	0.58	cps
Silicon	28-1	2438378	2422283	2393254	2417971	0.95	cps
Silver	109-1	797750	795536	798214	797167	0.18	cps
Silver	107-1	842926	848211	843569	844902	0.34	cps
Sodium	23-2	3683189	3687008	3577108	3649102	1.71	cps
Strontium	86-1	209390	210585	210800	210258	0.36	cps
Strontium	88-1	1812379	1795110	1774639	1794043	1.05	cps
Sulfur	34-1	282584	280784	280425	281264	0.41	cps
Terbium	159-1	2356224	2351413	2345672	2351103	0.22	cps
Terbium	159-2	1837943	1872426	1864006	1858125	0.97	cps
Thallium	203-1	492545	495810	496464	494940	0.42	cps
Thallium	205-1	1196612	1195523	1181673	1191270	0.70	cps
Tin	118-1	502651	500062	504218	502310	0.42	cps
Titanium	47-1	527828	524976	530365	527723	0.51	cps
Uranium	238-1	1549771	1525997	1541807	1539191	0.79	cps
Vanadium	51-2	266723	267994	266167	266961	0.35	cps
Yttrium	89-1	2243719	2238232	2300217	2260723	1.52	cps
Yttrium	89-2	503225	511496	507758	507493	0.82	cps
Zinc	66-2	137116	137459	136881	137152	0.21	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:33:40	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1114760	1119556	1124148	1119488	0.42	cps
Zirconium	91-1	247384	249864	253888	250379	1.31	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:37:33	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	280689	278736	280611	280012	0.39	cps
Antimony	121-1	1528013	1525871	1526757	1526880	0.07	cps
Arsenic	75-2	114977	116004	115540	115507	0.45	cps
Barium	135-1	1485055	1523022	1521031	1509703	1.42	cps
Barium	137-1	2570966	2577317	2606138	2584807	0.73	cps
Beryllium	9-1	325326	330410	329518	328418	0.83	cps
Bismuth	209-1	1378258	1379045	1387631	1381644	0.38	cps
Bismuth	209-2	1249126	1247928	1269622	1255559	0.97	cps
Boron	10-1	36464	37098	36798	36787	0.86	cps
Boron	11-1	178136	180895	183746	180926	1.55	cps
Cadmium	111-1	359155	357031	356172	357453	0.43	cps
Cadmium	106-1	38021	37034	38606	37887	2.10	cps
Cadmium	108-1	26288	26075	26639	26334	1.08	cps
Calcium	43-1	428976	436167	431781	432308	0.84	cps
Calcium	44-1	6843964	7119764	7016412	6993380	1.99	cps
Chromium	52-2	647049	648110	657484	650881	0.88	cps
Cobalt	59-2	1044932	1038656	1037301	1040296	0.39	cps
Copper	63-2	1507859	1511181	1504375	1507805	0.23	cps
Dysprosium	156-1	25	17	33	25	33.32	cps
Dysprosium	156-2	13	13	3	10	57.75	cps
Erbium	164-1	17	0	25	14	91.65	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	25	0	58	28	105.36	cps
Gadolinium	160-2	17	3	17	12	63.01	cps
Holmium	165-1	2183540	2217007	2192666	2197738	0.79	cps
Holmium	165-2	1847153	1795020	1827868	1823347	1.45	cps
Indium	115-1	1985144	1955791	1998921	1979952	1.11	cps
Indium	115-2	592252	603806	595278	597112	1.00	cps
Iron	56-2	26075323	26048763	26191676	26105254	0.29	cps
Iron	57-2	647187	649753	651851	649597	0.36	cps
Krypton	83-1	287	310	350	316	10.15	cps
Lead	206-1	800540	795611	794752	796968	0.39	cps
Lead	207-1	724419	716299	716363	719027	0.65	cps
Lead	208-1	3274065	3277849	3260300	3270738	0.28	cps
Lithium	6-1	464913	464039	468383	465778	0.49	cps
Magnesium	24-2	3649348	3556006	3564763	3590039	1.44	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:37:33	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	683342	682328	687968	684546	0.44	cps
Molybdenum	94-1	2623940	2660895	2615750	2633528	0.91	cps
Molybdenum	95-1	3240974	3265415	3270783	3259057	0.49	cps
Molybdenum	96-1	3604442	3654064	3614153	3624220	0.73	cps
Molybdenum	97-1	2069363	2059425	2064052	2064280	0.24	cps
Molybdenum	98-1	5174428	5180951	5178400	5177926	0.06	cps
Neodymium	150-1	80	87	60	76	18.37	cps
Neodymium	150-2	10	20	20	17	34.64	cps
Nickel	60-2	279092	283618	280406	281039	0.83	cps
Phosphorus	31-2	24973	25799	26099	25624	2.28	cps
Potassium	39-2	2007321	2050427	2030827	2029525	1.06	cps
Rhodium	103-1	1922260	1893846	1877113	1897740	1.20	cps
Rhodium	103-2	1470283	1479650	1467610	1472514	0.43	cps
Scandium	45-1	1553223	1564771	1576083	1564692	0.73	cps
Scandium	45-2	89385	90992	90244	90207	0.89	cps
Selenium	77-2	1693	1750	1707	1717	1.73	cps
Selenium	78-2	5856	5866	5598	5773	2.63	cps
Selenium	82-1	23765	23438	23479	23561	0.76	cps
Silicon	28-1	2693129	2695314	2774162	2720868	1.70	cps
Silver	109-1	1578045	1565733	1555916	1566565	0.71	cps
Silver	107-1	1683898	1661790	1673549	1673079	0.66	cps
Sodium	23-2	7156977	7079055	7122675	7119569	0.55	cps
Strontium	86-1	406748	418690	407677	411038	1.62	cps
Strontium	88-1	3476359	3586148	3446356	3502954	2.10	cps
Sulfur	34-1	340608	341581	342221	341470	0.24	cps
Terbium	159-1	2385308	2362439	2403224	2383657	0.86	cps
Terbium	159-2	1833981	1854173	1893388	1860514	1.62	cps
Thallium	203-1	983982	982845	982774	983201	0.07	cps
Thallium	205-1	2334098	2360468	2357178	2350581	0.61	cps
Tin	118-1	998037	1001900	996803	998913	0.27	cps
Titanium	47-1	1054479	1040625	1049713	1048272	0.67	cps
Uranium	238-1	3087228	3035491	3048914	3057211	0.88	cps
Vanadium	51-2	526043	523152	532672	527289	0.93	cps
Yttrium	89-1	2284602	2217549	2251776	2251309	1.49	cps
Yttrium	89-2	509155	510639	509783	509859	0.15	cps
Zinc	66-2	269361	268448	266375	268061	0.57	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:37:33	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2249324	2266643	2275553	2263840	0.59	cps
Zirconium	91-1	487183	488300	490387	488623	0.33	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:41:22	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	552069	554022	560218	555436	0.77	cps
Antimony	121-1	3090823	3074479	3056113	3073805	0.56	cps
Arsenic	75-2	230131	230146	230971	230416	0.21	cps
Barium	135-1	3037105	3006283	3010531	3017973	0.55	cps
Barium	137-1	5159767	5162342	5135341	5152484	0.29	cps
Beryllium	9-1	655283	653702	653907	654297	0.13	cps
Bismuth	209-1	1353543	1382024	1376526	1370698	1.10	cps
Bismuth	209-2	1249978	1257539	1255481	1254333	0.31	cps
Boron	10-1	74970	76571	75766	75769	1.06	cps
Boron	11-1	366781	376156	365130	369356	1.61	cps
Cadmium	111-1	706545	707755	707457	707253	0.09	cps
Cadmium	106-1	73483	73902	73256	73547	0.45	cps
Cadmium	108-1	51962	52025	51151	51712	0.94	cps
Calcium	43-1	875324	869368	872814	872502	0.34	cps
Calcium	44-1	14223671	13990916	14131191	14115259	0.83	cps
Chromium	52-2	1280509	1281302	1267804	1276539	0.59	cps
Cobalt	59-2	2073578	2063153	2068918	2068550	0.25	cps
Copper	63-2	2997436	2989713	2945723	2977624	0.94	cps
Dysprosium	156-1	33	25	42	33	25.01	cps
Dysprosium	156-2	3	13	13	10	57.75	cps
Erbium	164-1	17	42	33	31	41.66	cps
Erbium	164-2	17	27	3	16	75.27	cps
Gadolinium	160-1	42	25	17	28	45.82	cps
Gadolinium	160-2	17	23	17	19	20.36	cps
Holmium	165-1	2223549	2211790	2235513	2223617	0.53	cps
Holmium	165-2	1799670	1806999	1827674	1811448	0.80	cps
Indium	115-1	1914109	1939262	1942602	1931991	0.81	cps
Indium	115-2	581462	582564	591637	585221	0.95	cps
Iron	56-2	51097826	51703083	53268921	52023277	2.15	cps
Iron	57-2	1278361	1279753	1315077	1291063	1.61	cps
Krypton	83-1	357	300	347	334	9.04	cps
Lead	206-1	1629932	1601453	1586121	1605835	1.38	cps
Lead	207-1	1432654	1449619	1442562	1441611	0.59	cps
Lead	208-1	6550964	6581534	6570179	6567559	0.24	cps
Lithium	6-1	464544	475212	475685	471814	1.34	cps
Magnesium	24-2	6975641	6917212	6947010	6946621	0.42	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1357479	1344170	1374030	1358560	1.10	cps
Molybdenum	94-1	5225857	5239580	5181451	5215629	0.58	cps
Molybdenum	95-1	6477310	6410323	6438433	6442022	0.52	cps
Molybdenum	96-1	7296603	7161808	7191149	7216520	0.98	cps
Molybdenum	97-1	4162640	4123854	4115515	4134003	0.61	cps
Molybdenum	98-1	10268620	10244722	10306404	10273249	0.30	cps
Neodymium	150-1	127	147	120	131	10.59	cps
Neodymium	150-2	27	17	33	26	32.81	cps
Nickel	60-2	552706	555685	557908	555433	0.47	cps
Phosphorus	31-2	50733	51318	51468	51173	0.76	cps
Potassium	39-2	3908237	3931800	4018294	3952777	1.47	cps
Rhodium	103-1	1838177	1856903	1889058	1861379	1.38	cps
Rhodium	103-2	1456991	1453210	1456259	1455487	0.14	cps
Scandium	45-1	1544736	1565119	1578560	1562805	1.09	cps
Scandium	45-2	90230	91173	90948	90784	0.54	cps
Selenium	77-2	3464	3581	3634	3559	2.44	cps
Selenium	78-2	11381	11634	11467	11494	1.12	cps
Selenium	82-1	47637	47467	47121	47408	0.55	cps
Silicon	28-1	3420774	3414058	3421831	3418888	0.12	cps
Silver	109-1	3044778	3153799	3122140	3106905	1.81	cps
Silver	107-1	3254768	3281143	3269737	3268549	0.40	cps
Sodium	23-2	14286974	14332564	14063220	14227586	1.01	cps
Strontium	86-1	826390	831025	826007	827808	0.34	cps
Strontium	88-1	7038807	7143290	7007838	7063312	1.00	cps
Sulfur	34-1	467165	465206	462533	464968	0.50	cps
Terbium	159-1	2356329	2412283	2426171	2398261	1.54	cps
Terbium	159-2	1868798	1858287	1909057	1878714	1.43	cps
Thallium	203-1	1996138	1960341	2002228	1986236	1.14	cps
Thallium	205-1	4700261	4716127	4635505	4683964	0.91	cps
Tin	118-1	2003634	2008262	1997847	2003248	0.26	cps
Titanium	47-1	2077618	2114709	2056523	2082950	1.41	cps
Uranium	238-1	6068954	6127996	6012426	6069792	0.95	cps
Vanadium	51-2	1058881	1057176	1059843	1058634	0.13	cps
Yttrium	89-1	2195128	2321182	2255531	2257280	2.79	cps
Yttrium	89-2	511296	504523	510920	508913	0.75	cps
Zinc	66-2	528115	525055	528756	527309	0.38	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:41:22	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4504911	4485165	4495437	4495171	0.22	cps
Zirconium	91-1	997516	998284	982873	992891	0.87	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:45:08	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2620008	2611092	2741866	2657655	2.75	cps
Antimony	121-1	3409	3326	3059	3264	5.60	cps
Arsenic	75-2	292	335	309	312	6.94	cps
Barium	135-1	400	458	458	439	7.67	cps
Barium	137-1	675	608	725	669	8.74	cps
Beryllium	9-1	194	117	106	139	34.87	cps
Bismuth	209-1	1279519	1262560	1243099	1261726	1.44	cps
Bismuth	209-2	1115774	1122827	1114404	1117668	0.40	cps
Boron	10-1	1492	1475	1425	1464	2.37	cps
Boron	11-1	7319	7185	7027	7177	2.04	cps
Cadmium	111-1	502	507	438	482	8.02	cps
Cadmium	106-1	608	625	508	581	10.87	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Calcium	43-1	4201460	4116947	4113304	4143904	1.20	cps
Calcium	44-1	68725218	68538949	66833187	68032452	1.53	cps
Chromium	52-2	9880	9533	9847	9753	1.96	cps
Cobalt	59-2	22722	22862	23360	22981	1.46	cps
Copper	63-2	4584	4607	4741	4644	1.82	cps
Dysprosium	156-1	50	50	8	36	66.62	cps
Dysprosium	156-2	3	27	13	14	81.07	cps
Erbium	164-1	42	8	8	19	99.00	cps
Erbium	164-2	17	7	3	9	78.08	cps
Gadolinium	160-1	8	33	17	19	65.47	cps
Gadolinium	160-2	17	23	17	19	20.36	cps
Holmium	165-1	2115052	2133505	2089374	2112644	1.05	cps
Holmium	165-2	1667326	1704596	1663016	1678313	1.36	cps
Indium	115-1	1859545	1808609	1826267	1831474	1.41	cps
Indium	115-2	572708	567748	567370	569275	0.52	cps
Iron	56-2	239260155	238349078	241431339	239680191	0.66	cps
Iron	57-2	5993981	5934746	5925551	5951426	0.62	cps
Krypton	83-1	293	360	347	333	10.58	cps
Lead	206-1	2589	2472	2284	2448	6.30	cps
Lead	207-1	2334	2272	2156	2254	4.01	cps
Lead	208-1	10546	9868	9390	9935	5.85	cps
Lithium	6-1	478410	476851	482349	479203	0.59	cps
Magnesium	24-2	32668553	32770601	33486898	32975350	1.35	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:45:08	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4978	4904	4904	4929	0.86	cps
Molybdenum	94-1	2209	1759	1934	1967	11.54	cps
Molybdenum	95-1	2642	2742	2659	2681	2.00	cps
Molybdenum	96-1	3626	3225	3426	3426	5.84	cps
Molybdenum	97-1	1792	1683	1892	1789	5.82	cps
Molybdenum	98-1	4159	3892	4201	4084	4.10	cps
Neodymium	150-1	47	47	40	44	8.66	cps
Neodymium	150-2	33	30	13	26	41.94	cps
Nickel	60-2	6505	6688	6842	6678	2.53	cps
Phosphorus	31-2	625	508	567	567	10.30	cps
Potassium	39-2	18208526	18138063	18418370	18254986	0.80	cps
Rhodium	103-1	1747107	1793080	1779341	1773176	1.33	cps
Rhodium	103-2	1361827	1359060	1355923	1358937	0.22	cps
Scandium	45-1	1555474	1587613	1546468	1563185	1.38	cps
Scandium	45-2	86829	89381	88231	88147	1.45	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	26	49	34	36	32.15	cps
Selenium	82-1	7	-62	-46	-34	-107.09	cps
Silicon	28-1	1997013	1994524	2004786	1998774	0.27	cps
Silver	109-1	3501	3376	4317	3731	13.71	cps
Silver	107-1	3259	3526	5068	3951	24.72	cps
Sodium	23-2	66060272	66577560	68622820	67086884	2.02	cps
Strontium	86-1	3701	3542	3701	3648	2.51	cps
Strontium	88-1	28180	28548	27812	28180	1.31	cps
Sulfur	34-1	209387	209159	210945	209830	0.46	cps
Terbium	159-1	2295863	2323164	2240892	2286639	1.83	cps
Terbium	159-2	1748257	1771891	1742954	1754368	0.88	cps
Thallium	203-1	375	325	392	364	9.53	cps
Thallium	205-1	908	1008	808	908	11.01	cps
Tin	118-1	1242	1358	1350	1317	4.94	cps
Titanium	47-1	1592	1942	2109	1881	14.02	cps
Uranium	238-1	383	375	300	353	13.01	cps
Vanadium	51-2	200	243	167	203	18.91	cps
Yttrium	89-1	2212167	2206382	2099543	2172697	2.92	cps
Yttrium	89-2	494241	489196	489600	491012	0.57	cps
Zinc	66-2	4557	4991	4721	4756	4.60	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:45:08	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1058	1017	900	992	8.28	cps
Zirconium	91-1	250	258	267	258	3.23	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 13:54:07	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12789	12356	12114	12420	2.76	cps
Antimony	121-1	590333	593817	593414	592521	0.32	cps
Arsenic	75-2	42392	42636	43046	42691	0.77	cps
Barium	135-1	59274	57667	58178	58373	1.41	cps
Barium	137-1	99841	100428	100782	100350	0.47	cps
Beryllium	9-1	61939	62591	63372	62634	1.15	cps
Bismuth	209-1	1439022	1430767	1440706	1436831	0.37	cps
Bismuth	209-2	1301767	1290777	1298409	1296985	0.43	cps
Boron	10-1	42455	41619	43467	42514	2.18	cps
Boron	11-1	207272	208836	212200	209436	1.20	cps
Cadmium	111-1	72002	70827	71352	71394	0.82	cps
Cadmium	106-1	12039	12239	12172	12150	0.84	cps
Cadmium	108-1	6889	6973	7244	7035	2.63	cps
Calcium	43-1	19230	19380	19230	19280	0.45	cps
Calcium	44-1	308163	308579	309626	308789	0.24	cps
Chromium	52-2	119448	120540	119561	119850	0.50	cps
Cobalt	59-2	199327	199737	198679	199247	0.27	cps
Copper	63-2	143728	145674	144488	144630	0.68	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	42	25	33	33	25.01	cps
Erbium	164-2	17	30	7	18	65.83	cps
Gadolinium	160-1	33	8	25	22	57.29	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	2306404	2272716	2294423	2291181	0.75	cps
Holmium	165-2	1831583	1797934	1830894	1820137	1.06	cps
Indium	115-1	2073911	1996879	2078397	2049729	2.24	cps
Indium	115-2	612540	610479	614266	612428	0.31	cps
Iron	56-2	983165	979222	977489	979959	0.30	cps
Iron	57-2	23932	24205	24750	24295	1.71	cps
Krypton	83-1	380	320	310	337	11.25	cps
Lead	206-1	320640	319116	322285	320680	0.49	cps
Lead	207-1	277017	277649	275948	276871	0.31	cps
Lead	208-1	1273806	1269685	1265975	1269822	0.31	cps
Lithium	6-1	529634	530066	533590	531096	0.41	cps
Magnesium	24-2	83964	81407	83569	82980	1.66	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	61715	62221	61354	61764	0.71	cps
Molybdenum	94-1	2667497	2753638	2668000	2696378	1.84	cps
Molybdenum	95-1	3238242	3332959	3316950	3296050	1.54	cps
Molybdenum	96-1	3680937	3666291	3692002	3679743	0.35	cps
Molybdenum	97-1	2128009	2127543	2136763	2130772	0.24	cps
Molybdenum	98-1	5221787	5300149	5312341	5278092	0.93	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	54570	56113	54322	55001	1.76	cps
Phosphorus	31-2	442	658	392	497	28.51	cps
Potassium	39-2	170993	170759	167592	169781	1.12	cps
Rhodium	103-1	2037121	2043757	2055463	2045447	0.45	cps
Rhodium	103-2	1541626	1538354	1515158	1531713	0.94	cps
Scandium	45-1	1608022	1626056	1628493	1620857	0.69	cps
Scandium	45-2	90143	89751	89163	89686	0.55	cps
Selenium	77-2	623	630	650	634	2.19	cps
Selenium	78-2	2119	2120	2090	2110	0.81	cps
Selenium	82-1	9400	9423	9482	9435	0.45	cps
Silicon	28-1	2731984	2772881	2781996	2762287	0.96	cps
Silver	109-1	307934	308858	311179	309324	0.54	cps
Silver	107-1	328065	325600	326303	326656	0.39	cps
Sodium	23-2	292789	291090	294491	292790	0.58	cps
Strontium	86-1	446079	449484	440911	445491	0.97	cps
Strontium	88-1	3771525	3854414	3839750	3821896	1.16	cps
Sulfur	34-1	204443	204331	206285	205019	0.54	cps
Terbium	159-1	2437267	2436459	2469273	2447667	0.76	cps
Terbium	159-2	1899255	1868928	1865272	1877818	0.99	cps
Thallium	203-1	391866	388588	396125	392193	0.96	cps
Thallium	205-1	931651	939694	942048	937798	0.58	cps
Tin	118-1	1010667	1014281	1021775	1015574	0.56	cps
Titanium	47-1	1008402	1023285	1029157	1020281	1.05	cps
Uranium	238-1	3683330	3660915	3653827	3666024	0.42	cps
Vanadium	51-2	96039	95741	97083	96288	0.73	cps
Yttrium	89-1	2326499	2358750	2373328	2352859	1.02	cps
Yttrium	89-2	510435	509474	516945	512285	0.79	cps
Zinc	66-2	50883	51438	50435	50919	0.99	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2267567	2239803	2314358	2273909	1.66	cps
Zirconium	91-1	496589	504496	504850	501978	0.93	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	92	67	72	24.02	cps
Antimony	121-1	117	150	117	128	15.06	cps
Arsenic	75-2	7	3	6	5	39.03	cps
Barium	135-1	8	17	17	14	34.67	cps
Barium	137-1	50	50	58	53	9.11	cps
Beryllium	9-1	78	28	83	63	48.60	cps
Bismuth	209-1	1462829	1450248	1443784	1452287	0.67	cps
Bismuth	209-2	1311391	1276709	1273217	1287106	1.64	cps
Boron	10-1	433	383	400	406	6.28	cps
Boron	11-1	1842	1792	1909	1847	3.17	cps
Cadmium	111-1	448	417	372	412	9.26	cps
Cadmium	106-1	633	600	525	586	9.47	cps
Cadmium	108-1	0	4	0	1	173.21	cps
Calcium	43-1	617	592	783	664	15.70	cps
Calcium	44-1	15083	14258	15576	14972	4.45	cps
Chromium	52-2	787	770	797	784	1.72	cps
Cobalt	59-2	33	40	67	47	37.80	cps
Copper	63-2	1127	1183	1013	1108	7.81	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	0	8	8	100.02	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	17	8	50	25	88.19	cps
Gadolinium	160-2	7	10	13	10	33.30	cps
Holmium	165-1	2351653	2272314	2312298	2312089	1.72	cps
Holmium	165-2	1802553	1809917	1806869	1806446	0.20	cps
Indium	115-1	2104872	2078697	2052365	2078645	1.26	cps
Indium	115-2	624945	615927	611926	617599	1.08	cps
Iron	56-2	2439	2539	2372	2450	3.42	cps
Iron	57-2	56	78	72	69	16.88	cps
Krypton	83-1	283	377	307	322	15.08	cps
Lead	206-1	322	306	422	350	18.03	cps
Lead	207-1	267	261	272	267	2.08	cps
Lead	208-1	1295	1167	1345	1269	7.23	cps
Lithium	6-1	529533	525731	533891	529718	0.77	cps
Magnesium	24-2	208	233	258	233	10.71	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:04:33	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	47	33	40	16.68	cps
Molybdenum	94-1	175	158	108	147	23.57	cps
Molybdenum	95-1	133	42	83	86	53.30	cps
Molybdenum	96-1	150	67	150	122	39.36	cps
Molybdenum	97-1	167	158	167	164	2.93	cps
Molybdenum	98-1	67	108	58	78	34.45	cps
Neodymium	150-1	20	20	13	18	21.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	120	117	83	107	19.01	cps
Phosphorus	31-2	467	283	475	408	26.53	cps
Potassium	39-2	21859	23103	22502	22488	2.77	cps
Rhodium	103-1	2050160	2042698	2035577	2042811	0.36	cps
Rhodium	103-2	1560761	1515385	1523365	1533170	1.58	cps
Scandium	45-1	1616974	1642429	1631074	1630159	0.78	cps
Scandium	45-2	90002	90002	89911	89972	0.06	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	27	31	35	31	12.90	cps
Selenium	82-1	6	-90	8	-25	-221.35	cps
Silicon	28-1	2018717	2030087	2054076	2034293	0.89	cps
Silver	109-1	200	192	158	183	12.03	cps
Silver	107-1	275	183	158	206	29.88	cps
Sodium	23-2	16960	16885	16368	16738	1.93	cps
Strontium	86-1	517	350	433	433	19.23	cps
Strontium	88-1	100	42	108	83	43.59	cps
Sulfur	34-1	206446	208262	212659	209122	1.53	cps
Terbium	159-1	2485637	2431684	2445800	2454373	1.14	cps
Terbium	159-2	1895177	1883173	1856454	1878268	1.06	cps
Thallium	203-1	67	75	42	61	28.38	cps
Thallium	205-1	133	100	108	114	15.23	cps
Tin	118-1	258	183	225	222	16.91	cps
Titanium	47-1	1392	1508	1450	1450	4.02	cps
Uranium	238-1	92	42	67	67	37.50	cps
Vanadium	51-2	33	17	7	19	71.30	cps
Yttrium	89-1	2328981	2325371	2338601	2330985	0.29	cps
Yttrium	89-2	510757	504808	510130	508565	0.64	cps
Zinc	66-2	53	53	73	60	19.25	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:04:33	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	242	233	208	228	7.62	cps
Zirconium	91-1	50	42	50	47	10.18	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:08:14	DataFile Name :	017ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2213789	2226375	2175462	2205209	1.20	cps
Antimony	121-1	3409	3684	3476	3523	4.07	cps
Arsenic	75-2	60	77	70	69	12.38	cps
Barium	135-1	1142	1008	858	1003	14.14	cps
Barium	137-1	1500	1625	1458	1528	5.68	cps
Beryllium	9-1	261	194	222	226	14.82	cps
Bismuth	209-1	1447022	1449293	1426106	1440807	0.89	cps
Bismuth	209-2	1266823	1265839	1257160	1263274	0.42	cps
Boron	10-1	425	392	333	383	12.10	cps
Boron	11-1	2050	1817	2009	1959	6.36	cps
Cadmium	111-1	582	533	615	577	7.23	cps
Cadmium	106-1	525	458	508	497	6.98	cps
Cadmium	108-1	575	525	504	535	6.81	cps
Calcium	43-1	863508	860981	856510	860333	0.41	cps
Calcium	44-1	14012218	13937540	13990861	13980206	0.28	cps
Chromium	52-2	24552	24498	24645	24565	0.30	cps
Cobalt	59-2	2354	2297	2357	2336	1.44	cps
Copper	63-2	12135	11805	11802	11914	1.61	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	10	7	6	91.64	cps
Erbium	164-1	33	17	17	22	43.28	cps
Erbium	164-2	17	17	20	18	10.81	cps
Gadolinium	160-1	17	8	33	19	65.47	cps
Gadolinium	160-2	13	3	20	12	68.66	cps
Holmium	165-1	2332707	2342033	2384382	2353040	1.17	cps
Holmium	165-2	1830469	1833533	1830480	1831494	0.10	cps
Indium	115-1	2067179	2036068	2035487	2046244	0.89	cps
Indium	115-2	593188	600937	590598	594908	0.90	cps
Iron	56-2	94885088	95612722	94158110	94885307	0.77	cps
Iron	57-2	2378707	2477167	2412565	2422813	2.06	cps
Krypton	83-1	320	260	287	289	10.41	cps
Lead	206-1	7980	7997	8097	8025	0.79	cps
Lead	207-1	6196	6129	5718	6014	4.30	cps
Lead	208-1	29975	29514	28724	29404	2.15	cps
Lithium	6-1	490945	490690	484477	488704	0.75	cps
Magnesium	24-2	6214366	6383086	6213763	6270405	1.56	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:08:14	DataFile Name :	017ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4964	4954	4904	4941	0.65	cps
Molybdenum	94-1	1465178	1482582	1507851	1485204	1.44	cps
Molybdenum	95-1	2643183	2602511	2560267	2601987	1.59	cps
Molybdenum	96-1	2847877	2790517	2773196	2803863	1.39	cps
Molybdenum	97-1	1647921	1625486	1643294	1638901	0.72	cps
Molybdenum	98-1	4201463	4177792	4122649	4167301	0.97	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	2777	3040	2857	2891	4.67	cps
Phosphorus	31-2	217817	215780	211769	215122	1.43	cps
Potassium	39-2	7005565	6905104	6653179	6854616	2.65	cps
Rhodium	103-1	1960728	1932791	1959051	1950856	0.80	cps
Rhodium	103-2	1464838	1426560	1450070	1447156	1.33	cps
Scandium	45-1	1594793	1628477	1574571	1599280	1.70	cps
Scandium	45-2	85236	84247	82336	83940	1.76	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	29	27	27	28	4.17	cps
Selenium	82-1	-42	29	-17	-10	-356.04	cps
Silicon	28-1	1987228	1979486	1961593	1976102	0.67	cps
Silver	109-1	167	242	242	217	19.99	cps
Silver	107-1	267	325	442	344	25.87	cps
Sodium	23-2	12674084	12436172	12227306	12445854	1.80	cps
Strontium	86-1	28856	29699	29265	29274	1.44	cps
Strontium	88-1	255520	250663	252471	252885	0.97	cps
Sulfur	34-1	1329834	1267871	1243994	1280566	3.46	cps
Terbium	159-1	2506424	2490149	2518433	2505002	0.57	cps
Terbium	159-2	1927385	1874271	1875728	1892461	1.60	cps
Thallium	203-1	75	58	42	58	28.57	cps
Thallium	205-1	108	100	92	100	8.33	cps
Tin	118-1	608	592	442	547	16.77	cps
Titanium	47-1	827261	824517	822014	824597	0.32	cps
Uranium	238-1	133	92	150	125	24.04	cps
Vanadium	51-2	150	160	177	162	8.31	cps
Yttrium	89-1	2382207	2348335	2367865	2366136	0.72	cps
Yttrium	89-2	502963	494635	493308	496968	1.05	cps
Zinc	66-2	3274	3084	3334	3230	4.04	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:08:14	DataFile Name :	017ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	267	375	333	325	16.81	cps
Zirconium	91-1	42	50	58	50	16.67	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:11:50	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2178125	2203071	2128165	2169787	1.76	cps
Antimony	121-1	65770	65728	66565	66021	0.71	cps
Arsenic	75-2	4368	4324	4252	4315	1.36	cps
Barium	135-1	13808	13157	13757	13574	2.67	cps
Barium	137-1	23087	22553	22929	22856	1.20	cps
Beryllium	9-1	12439	11332	12500	12090	5.44	cps
Bismuth	209-1	1450301	1449689	1537397	1479129	3.41	cps
Bismuth	209-2	1255987	1210528	1282690	1249735	2.92	cps
Boron	10-1	4059	3776	3867	3901	3.71	cps
Boron	11-1	19931	20540	20173	20215	1.52	cps
Cadmium	111-1	14867	15253	15276	15132	1.52	cps
Cadmium	106-1	2534	2284	2367	2395	5.32	cps
Cadmium	108-1	1746	1600	1508	1618	7.40	cps
Calcium	43-1	834178	801232	832978	822796	2.27	cps
Calcium	44-1	13456744	13103114	13473448	13344435	1.57	cps
Chromium	52-2	48300	48300	47805	48135	0.59	cps
Cobalt	59-2	41806	42020	41816	41881	0.29	cps
Copper	63-2	40599	40656	41402	40886	1.10	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	58	17	8	28	96.44	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	17	17	33	22	43.28	cps
Gadolinium	160-2	13	23	7	14	58.06	cps
Holmium	165-1	2364894	2372223	2507831	2414983	3.33	cps
Holmium	165-2	1813436	1741281	1862992	1805903	3.39	cps
Indium	115-1	2063057	2029888	2196373	2096440	4.20	cps
Indium	115-2	583830	560202	595100	579711	3.07	cps
Iron	56-2	95204535	93582702	92845416	93877551	1.29	cps
Iron	57-2	2387187	2379596	2394461	2387081	0.31	cps
Krypton	83-1	350	313	320	328	5.96	cps
Lead	206-1	41885	40977	41005	41289	1.25	cps
Lead	207-1	35126	33801	34035	34321	2.06	cps
Lead	208-1	159863	158390	158103	158785	0.59	cps
Lithium	6-1	465343	468325	486876	473515	2.46	cps
Magnesium	24-2	6048286	6156873	6103497	6102886	0.89	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:11:50	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17047	16964	17234	17082	0.81	cps
Molybdenum	94-1	1616373	1573372	1587667	1592471	1.38	cps
Molybdenum	95-1	2653395	2667228	2676915	2665846	0.44	cps
Molybdenum	96-1	2886276	2847383	2853496	2862385	0.73	cps
Molybdenum	97-1	1692510	1671207	1701636	1688451	0.92	cps
Molybdenum	98-1	4260271	4185510	4309698	4251826	1.47	cps
Neodymium	150-1	33	20	13	22	45.83	cps
Neodymium	150-2	7	0	13	7	99.98	cps
Nickel	60-2	13530	13403	13570	13501	0.64	cps
Phosphorus	31-2	211704	214053	213631	213129	0.59	cps
Potassium	39-2	6935060	6753261	6672330	6786883	1.98	cps
Rhodium	103-1	1974887	1974068	2061794	2003583	2.52	cps
Rhodium	103-2	1442726	1380585	1462693	1428668	3.00	cps
Scandium	45-1	1513624	1524738	1634064	1557475	4.27	cps
Scandium	45-2	82198	77690	82409	80766	3.30	cps
Selenium	77-2	70	67	77	71	7.16	cps
Selenium	78-2	233	221	234	229	3.16	cps
Selenium	82-1	883	934	860	892	4.25	cps
Silicon	28-1	1958077	1944289	1953606	1951991	0.36	cps
Silver	109-1	59632	59725	59866	59741	0.20	cps
Silver	107-1	64722	63274	63859	63952	1.14	cps
Sodium	23-2	12495483	12589132	12041577	12375397	2.37	cps
Strontium	86-1	82205	82264	81232	81900	0.71	cps
Strontium	88-1	721424	703610	711097	712044	1.26	cps
Sulfur	34-1	1212205	1180041	1207829	1200025	1.45	cps
Terbium	159-1	2549070	2616823	2714563	2626818	3.17	cps
Terbium	159-2	1885166	1793065	1925692	1867974	3.64	cps
Thallium	203-1	41042	40298	41652	40997	1.65	cps
Thallium	205-1	99008	97757	97615	98127	0.78	cps
Tin	118-1	107336	105991	105370	106232	0.95	cps
Titanium	47-1	821947	800090	824079	815372	1.63	cps
Uranium	238-1	336211	332909	326401	331841	1.50	cps
Vanadium	51-2	18763	18996	19504	19088	1.98	cps
Yttrium	89-1	2378017	2375649	2492946	2415537	2.78	cps
Yttrium	89-2	493319	473365	497359	488014	2.63	cps
Zinc	66-2	8026	8463	8563	8350	3.42	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:11:50	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	239381	234786	236717	236961	0.97	cps
Zirconium	91-1	51766	53882	53865	53171	2.29	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:15:26	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1367569	1415408	1361288	1381422	2.14	cps
Antimony	121-1	1615459	1571696	1614385	1600513	1.56	cps
Arsenic	75-2	111081	111044	110976	111034	0.05	cps
Barium	135-1	1589861	1550557	1519661	1553360	2.27	cps
Barium	137-1	2688634	2692531	2625569	2668911	1.41	cps
Beryllium	9-1	317499	322354	317332	319061	0.89	cps
Bismuth	209-1	1320180	1380683	1380803	1360555	2.57	cps
Bismuth	209-2	1215477	1212603	1197542	1208541	0.80	cps
Boron	10-1	35996	35970	36998	36321	1.61	cps
Boron	11-1	177333	180956	181475	179921	1.25	cps
Cadmium	111-1	359522	361234	357500	359418	0.52	cps
Cadmium	106-1	37193	37929	37970	37698	1.16	cps
Cadmium	108-1	26263	25336	25725	25775	1.81	cps
Calcium	43-1	2079860	2037859	2033416	2050379	1.25	cps
Calcium	44-1	33337754	33060676	33531545	33309991	0.71	cps
Chromium	52-2	620061	628316	620453	622944	0.75	cps
Cobalt	59-2	998567	1014236	997640	1003481	0.93	cps
Copper	63-2	1426807	1437683	1416473	1426988	0.74	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	30	3	10	14	96.09	cps
Erbium	164-1	50	8	0	19	137.78	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	33	25	33	31	15.74	cps
Gadolinium	160-2	10	27	13	17	52.93	cps
Holmium	165-1	2187377	2277701	2296626	2253902	2.59	cps
Holmium	165-2	1820280	1794723	1789983	1801662	0.90	cps
Indium	115-1	1894382	1953412	1985900	1944565	2.39	cps
Indium	115-2	579431	579733	577069	578744	0.25	cps
Iron	56-2	119619528	122184061	120886439	120896676	1.06	cps
Iron	57-2	3024639	3006916	3023257	3018271	0.33	cps
Krypton	83-1	350	363	347	353	2.50	cps
Lead	206-1	816970	809418	797398	807928	1.22	cps
Lead	207-1	736869	727916	725722	730169	0.81	cps
Lead	208-1	3344078	3340894	3304833	3329935	0.65	cps
Lithium	6-1	456166	470079	477082	467776	2.28	cps
Magnesium	24-2	15639680	16104031	15639450	15794387	1.70	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:15:26	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	655201	651973	648965	652046	0.48	cps
Molybdenum	94-1	2807193	2767565	2797478	2790745	0.74	cps
Molybdenum	95-1	3383017	3409936	3372710	3388554	0.57	cps
Molybdenum	96-1	3797026	3748215	3728602	3757948	0.94	cps
Molybdenum	97-1	2207579	2119986	2134644	2154070	2.18	cps
Molybdenum	98-1	5418815	5425565	5546765	5463715	1.32	cps
Neodymium	150-1	67	93	107	89	22.91	cps
Neodymium	150-2	10	20	17	16	32.73	cps
Nickel	60-2	271254	270840	267714	269936	0.72	cps
Phosphorus	31-2	24021	23921	23871	23937	0.32	cps
Potassium	39-2	9068863	9078304	9071181	9072783	0.05	cps
Rhodium	103-1	1780467	1897002	1876599	1851356	3.36	cps
Rhodium	103-2	1429523	1423901	1418658	1424027	0.38	cps
Scandium	45-1	1473825	1554628	1582179	1536877	3.66	cps
Scandium	45-2	86360	85990	84860	85737	0.91	cps
Selenium	77-2	1637	1610	1620	1622	0.83	cps
Selenium	78-2	5502	5618	5608	5576	1.15	cps
Selenium	82-1	23994	24555	24326	24292	1.16	cps
Silicon	28-1	2580893	2645018	2656855	2627589	1.56	cps
Silver	109-1	1576901	1559297	1575554	1570584	0.62	cps
Silver	107-1	1661474	1650079	1673327	1661627	0.70	cps
Sodium	23-2	31476485	32059779	31515507	31683924	1.03	cps
Strontium	86-1	424246	432378	429914	428846	0.97	cps
Strontium	88-1	3652507	3700536	3649211	3667418	0.78	cps
Sulfur	34-1	309574	306832	310019	308808	0.56	cps
Terbium	159-1	2348547	2424029	2442323	2404966	2.07	cps
Terbium	159-2	1856358	1803780	1841319	1833819	1.48	cps
Thallium	203-1	1015930	998679	996412	1003674	1.06	cps
Thallium	205-1	2440474	2385448	2394661	2406861	1.22	cps
Tin	118-1	1040461	1019488	1032631	1030860	1.03	cps
Titanium	47-1	1040597	1047372	1054995	1047655	0.69	cps
Uranium	238-1	3203319	3229161	3193162	3208547	0.58	cps
Vanadium	51-2	510818	510974	507007	509600	0.44	cps
Yttrium	89-1	2158312	2342179	2340374	2280288	4.63	cps
Yttrium	89-2	498472	496555	495367	496798	0.32	cps
Zinc	66-2	254202	254068	253916	254062	0.06	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:15:26	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2353992	2358690	2360835	2357839	0.15	cps
Zirconium	91-1	519593	516493	518569	518218	0.30	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:19:09	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	750	542	708	667	16.54	cps
Antimony	121-1	6210	6293	6110	6204	1.48	cps
Arsenic	75-2	203	228	217	216	5.80	cps
Barium	135-1	6077	6135	5927	6046	1.78	cps
Barium	137-1	9837	10296	9921	10018	2.44	cps
Beryllium	9-1	756	794	661	737	9.30	cps
Bismuth	209-1	1436484	1430513	1421100	1429366	0.54	cps
Bismuth	209-2	1299771	1299150	1288573	1295831	0.49	cps
Boron	10-1	2142	2200	2400	2247	6.03	cps
Boron	11-1	11071	11346	11338	11252	1.39	cps
Cadmium	111-1	1163	1145	1164	1158	0.94	cps
Cadmium	106-1	733	692	733	719	3.34	cps
Cadmium	108-1	42	50	58	50	16.66	cps
Calcium	43-1	4334	4901	5051	4762	7.94	cps
Calcium	44-1	81494	79634	81779	80969	1.44	cps
Chromium	52-2	3204	3250	3380	3278	2.79	cps
Cobalt	59-2	2157	1873	1957	1996	7.30	cps
Copper	63-2	4097	4014	4074	4062	1.06	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	25	33	25	33.32	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	8	17	8	11	43.34	cps
Gadolinium	160-2	3	10	7	7	50.03	cps
Holmium	165-1	2244643	2217095	2297274	2253004	1.81	cps
Holmium	165-2	1833269	1836653	1796895	1822272	1.21	cps
Indium	115-1	2065412	2026370	2079549	2057110	1.34	cps
Indium	115-2	620222	624769	632162	625718	0.96	cps
Iron	56-2	56174	55086	54411	55224	1.61	cps
Iron	57-2	1467	1361	1400	1409	3.79	cps
Krypton	83-1	300	363	260	308	16.93	cps
Lead	206-1	1850	1884	1972	1902	3.32	cps
Lead	207-1	1834	1800	1511	1715	10.33	cps
Lead	208-1	8157	7957	7862	7992	1.88	cps
Lithium	6-1	478420	482622	481850	480964	0.47	cps
Magnesium	24-2	32897	33724	33482	33367	1.27	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:19:09	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	753	790	670	738	8.34	cps
Molybdenum	94-1	5443	5576	5826	5615	3.47	cps
Molybdenum	95-1	6535	6994	6927	6819	3.63	cps
Molybdenum	96-1	7419	7652	7786	7619	2.44	cps
Molybdenum	97-1	4384	4576	4301	4420	3.19	cps
Molybdenum	98-1	10996	10729	11130	10952	1.86	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	3437	953	830	1740	84.53	cps
Phosphorus	31-2	467	558	533	519	9.12	cps
Potassium	39-2	59091	60070	59785	59649	0.84	cps
Rhodium	103-1	1992379	2040383	2030412	2021058	1.25	cps
Rhodium	103-2	1565685	1585003	1594934	1581874	0.94	cps
Scandium	45-1	1550256	1555491	1589884	1565211	1.38	cps
Scandium	45-2	87369	88845	89636	88617	1.30	cps
Selenium	77-2	13	10	10	11	17.30	cps
Selenium	78-2	76	96	93	88	12.21	cps
Selenium	82-1	264	187	271	241	19.40	cps
Silicon	28-1	1913115	1982829	1966449	1954131	1.87	cps
Silver	109-1	3851	3809	3442	3701	6.07	cps
Silver	107-1	3976	4217	3959	4051	3.57	cps
Sodium	23-2	94353	94890	94152	94465	0.40	cps
Strontium	86-1	1200	1375	1208	1261	7.83	cps
Strontium	88-1	6985	7511	7194	7230	3.66	cps
Sulfur	34-1	185832	188034	186565	186810	0.60	cps
Terbium	159-1	2466622	2419359	2458845	2448275	1.04	cps
Terbium	159-2	1861562	1922678	1923313	1902518	1.86	cps
Thallium	203-1	1950	1975	2050	1992	2.61	cps
Thallium	205-1	4751	4759	4751	4754	0.10	cps
Tin	118-1	10171	10187	10855	10404	3.75	cps
Titanium	47-1	3325	3576	3542	3481	3.90	cps
Uranium	238-1	5843	5643	5643	5710	2.02	cps
Vanadium	51-2	5354	5204	5331	5297	1.52	cps
Yttrium	89-1	2376084	2343661	2292030	2337258	1.81	cps
Yttrium	89-2	513359	519675	520276	517770	0.74	cps
Zinc	66-2	3948	897	703	1849	98.41	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:19:09	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4476	4451	4626	4518	2.10	cps
Zirconium	91-1	1033	883	875	931	9.58	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:26:24	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	92	75	89	14.32	cps
Antimony	121-1	92	100	83	92	9.09	cps
Arsenic	75-2	3	7	6	5	39.03	cps
Barium	135-1	0	50	17	22	114.56	cps
Barium	137-1	50	50	25	42	34.64	cps
Beryllium	9-1	39	56	78	57	33.99	cps
Bismuth	209-1	1452852	1449680	1436538	1446356	0.60	cps
Bismuth	209-2	1288488	1239087	1270694	1266090	1.98	cps
Boron	10-1	450	425	400	425	5.88	cps
Boron	11-1	2009	1800	1792	1867	6.58	cps
Cadmium	111-1	455	410	322	395	17.04	cps
Cadmium	106-1	642	592	458	564	16.81	cps
Cadmium	108-1	4	13	4	7	69.23	cps
Calcium	43-1	567	575	583	575	1.45	cps
Calcium	44-1	13982	14024	14967	14324	3.89	cps
Chromium	52-2	780	960	757	832	13.37	cps
Cobalt	59-2	73	63	53	63	15.79	cps
Copper	63-2	1037	993	907	979	6.76	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	25	17	14	91.65	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	17	8	8	11	43.34	cps
Gadolinium	160-2	10	10	7	9	21.63	cps
Holmium	165-1	2314205	2263166	2293443	2290271	1.12	cps
Holmium	165-2	1781520	1776739	1778866	1779042	0.13	cps
Indium	115-1	2170151	2059371	2109369	2112964	2.63	cps
Indium	115-2	624373	598588	610671	611210	2.11	cps
Iron	56-2	2628	2756	2806	2730	3.36	cps
Iron	57-2	67	67	106	80	28.20	cps
Krypton	83-1	313	357	290	320	10.57	cps
Lead	206-1	217	256	200	224	12.72	cps
Lead	207-1	250	200	272	241	15.37	cps
Lead	208-1	1006	939	1150	1032	10.46	cps
Lithium	6-1	493814	490588	493862	492755	0.38	cps
Magnesium	24-2	308	292	258	286	8.90	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:26:24	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	50	57	51	9.96	cps
Molybdenum	94-1	100	67	67	78	24.74	cps
Molybdenum	95-1	25	42	42	36	26.65	cps
Molybdenum	96-1	108	50	75	78	37.63	cps
Molybdenum	97-1	217	125	125	156	34.03	cps
Molybdenum	98-1	92	42	17	50	76.37	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	120	120	110	117	4.95	cps
Phosphorus	31-2	333	525	408	422	22.88	cps
Potassium	39-2	22485	22393	22160	22346	0.75	cps
Rhodium	103-1	2084528	2044281	2076562	2068457	1.03	cps
Rhodium	103-2	1555959	1493348	1539643	1529650	2.12	cps
Scandium	45-1	1641711	1650511	1582245	1624822	2.29	cps
Scandium	45-2	88919	84556	87929	87135	2.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	31	45	25	34	30.48	cps
Selenium	82-1	3	-78	8	-22	-215.81	cps
Silicon	28-1	1933843	1983804	1958890	1958846	1.28	cps
Silver	109-1	167	217	233	206	16.88	cps
Silver	107-1	175	200	225	200	12.50	cps
Sodium	23-2	20966	21258	21358	21194	0.96	cps
Strontium	86-1	442	450	333	408	15.94	cps
Strontium	88-1	50	67	50	56	17.32	cps
Sulfur	34-1	192536	195856	193888	194093	0.86	cps
Terbium	159-1	2543311	2451295	2474014	2489540	1.93	cps
Terbium	159-2	1860519	1818375	1853383	1844092	1.22	cps
Thallium	203-1	67	25	50	47	44.41	cps
Thallium	205-1	133	75	58	89	44.30	cps
Tin	118-1	150	125	117	131	13.29	cps
Titanium	47-1	1525	1608	1500	1545	3.67	cps
Uranium	238-1	17	17	25	19	24.73	cps
Vanadium	51-2	27	27	20	24	15.75	cps
Yttrium	89-1	2378017	2343484	2377373	2366291	0.83	cps
Yttrium	89-2	511413	490154	510909	504159	2.41	cps
Zinc	66-2	50	60	53	54	9.35	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:26:24	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	75	175	208	153	45.42	cps
Zirconium	91-1	67	58	33	53	32.87	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:30:05	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	717	675	583	658	10.36	cps
Antimony	121-1	5693	5810	5726	5743	1.05	cps
Arsenic	75-2	182	190	218	197	9.61	cps
Barium	135-1	6085	5785	6110	5993	3.02	cps
Barium	137-1	10196	9879	10162	10079	1.73	cps
Beryllium	9-1	544	633	556	578	8.38	cps
Bismuth	209-1	1453648	1446506	1443503	1447886	0.36	cps
Bismuth	209-2	1295411	1311351	1306863	1304542	0.63	cps
Boron	10-1	1817	2059	1992	1956	6.38	cps
Boron	11-1	9395	9120	10321	9612	6.54	cps
Cadmium	111-1	1090	1141	1251	1161	7.09	cps
Cadmium	106-1	667	692	792	717	9.23	cps
Cadmium	108-1	38	50	46	44	14.32	cps
Calcium	43-1	4768	4684	4818	4756	1.42	cps
Calcium	44-1	83883	83439	85066	84129	1.00	cps
Chromium	52-2	3267	3194	3324	3262	2.00	cps
Cobalt	59-2	2094	2050	2187	2110	3.31	cps
Copper	63-2	4024	3964	3847	3945	2.28	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	17	0	14	91.65	cps
Erbium	164-2	10	3	17	10	66.70	cps
Gadolinium	160-1	33	17	25	25	33.32	cps
Gadolinium	160-2	10	3	7	7	50.03	cps
Holmium	165-1	2345426	2281999	2307366	2311597	1.38	cps
Holmium	165-2	1865439	1820913	1841372	1842574	1.21	cps
Indium	115-1	2097173	2120276	2068499	2095316	1.24	cps
Indium	115-2	629389	631686	630681	630585	0.18	cps
Iron	56-2	55365	54779	55081	55075	0.53	cps
Iron	57-2	1350	1422	1306	1359	4.33	cps
Krypton	83-1	370	383	307	353	11.59	cps
Lead	206-1	1917	1789	1878	1861	3.52	cps
Lead	207-1	1595	1583	1600	1593	0.53	cps
Lead	208-1	7434	7434	7390	7420	0.35	cps
Lithium	6-1	491730	492521	493274	492508	0.16	cps
Magnesium	24-2	33715	34476	34058	34083	1.12	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:30:05	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	677	750	680	702	5.90	cps
Molybdenum	94-1	5526	5876	5901	5768	3.64	cps
Molybdenum	95-1	7085	7069	6593	6916	4.04	cps
Molybdenum	96-1	8011	7369	7085	7488	6.33	cps
Molybdenum	97-1	4451	4526	4242	4406	3.33	cps
Molybdenum	98-1	10629	10579	10971	10727	1.99	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	750	667	720	712	5.93	cps
Phosphorus	31-2	583	508	658	583	12.86	cps
Potassium	39-2	60430	58362	59015	59269	1.78	cps
Rhodium	103-1	2080766	2044681	2083181	2069543	1.04	cps
Rhodium	103-2	1596583	1578654	1572921	1582720	0.78	cps
Scandium	45-1	1620211	1660319	1581806	1620779	2.42	cps
Scandium	45-2	87741	88509	90207	88819	1.42	cps
Selenium	77-2	13	7	3	8	65.47	cps
Selenium	78-2	86	82	70	79	10.49	cps
Selenium	82-1	164	184	240	196	20.02	cps
Silicon	28-1	1975269	1950172	1989748	1971730	1.02	cps
Silver	109-1	3401	3476	3592	3489	2.77	cps
Silver	107-1	3917	3601	3217	3578	9.80	cps
Sodium	23-2	85087	84182	84902	84724	0.56	cps
Strontium	86-1	1275	1275	1392	1314	5.13	cps
Strontium	88-1	6885	7419	7386	7230	4.13	cps
Sulfur	34-1	196363	197207	201297	198289	1.33	cps
Terbium	159-1	2531215	2524227	2423555	2492999	2.42	cps
Terbium	159-2	1897931	1939321	1937647	1924966	1.22	cps
Thallium	203-1	2050	1825	1875	1917	6.17	cps
Thallium	205-1	4959	4576	4559	4698	4.82	cps
Tin	118-1	10796	10321	10279	10465	2.74	cps
Titanium	47-1	3692	3642	3692	3676	0.79	cps
Uranium	238-1	5735	5610	5651	5665	1.12	cps
Vanadium	51-2	5371	5001	4964	5112	4.40	cps
Yttrium	89-1	2361693	2418368	2425475	2401845	1.46	cps
Yttrium	89-2	516766	518721	520072	518520	0.32	cps
Zinc	66-2	517	583	637	579	10.39	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:30:05	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4451	4859	4351	4554	5.92	cps
Zirconium	91-1	850	1317	1092	1086	21.49	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120043BL	Instrumnet Name :	P8
Client Sample ID :	PB120043BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:33:45	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	58	67	72	24.02	cps
Antimony	121-1	42	33	50	42	20.00	cps
Arsenic	75-2	3	4	5	4	25.00	cps
Barium	135-1	25	25	17	22	21.64	cps
Barium	137-1	17	50	25	31	56.77	cps
Beryllium	9-1	56	39	67	54	26.03	cps
Bismuth	209-1	1433586	1426844	1425046	1428492	0.32	cps
Bismuth	209-2	1299505	1287763	1271127	1286132	1.11	cps
Boron	10-1	250	258	325	278	14.80	cps
Boron	11-1	1267	1192	1408	1289	8.54	cps
Cadmium	111-1	440	407	446	431	4.90	cps
Cadmium	106-1	617	583	633	611	4.17	cps
Cadmium	108-1	0	8	8	6	86.60	cps
Calcium	43-1	517	525	675	572	15.57	cps
Calcium	44-1	14433	13724	14416	14191	2.85	cps
Chromium	52-2	770	817	790	792	2.96	cps
Cobalt	59-2	53	57	60	57	5.89	cps
Copper	63-2	947	1043	973	988	5.05	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	8	33	33	25	57.74	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	33	8	42	28	62.46	cps
Gadolinium	160-2	17	3	7	9	78.08	cps
Holmium	165-1	2267382	2258933	2242632	2256315	0.56	cps
Holmium	165-2	1856697	1851396	1835429	1847841	0.60	cps
Indium	115-1	2120896	2151777	2120350	2131007	0.84	cps
Indium	115-2	622654	619220	622968	621614	0.33	cps
Iron	56-2	2750	2523	2811	2695	5.65	cps
Iron	57-2	89	122	72	94	26.96	cps
Krypton	83-1	277	280	393	317	20.97	cps
Lead	206-1	211	244	272	243	12.61	cps
Lead	207-1	211	244	178	211	15.79	cps
Lead	208-1	856	1033	900	930	9.95	cps
Lithium	6-1	471654	477205	477742	475534	0.71	cps
Magnesium	24-2	283	283	225	264	12.76	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120043BL	Instrumnet Name :	P8
Client Sample ID :	PB120043BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:33:45	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70	50	50	57	20.38	cps
Molybdenum	94-1	108	150	75	111	33.82	cps
Molybdenum	95-1	67	25	33	42	52.92	cps
Molybdenum	96-1	33	58	42	44	28.64	cps
Molybdenum	97-1	142	192	208	181	19.22	cps
Molybdenum	98-1	25	8	25	19	49.50	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	110	123	90	108	15.57	cps
Phosphorus	31-2	425	408	525	453	13.94	cps
Potassium	39-2	22602	22543	21776	22307	2.07	cps
Rhodium	103-1	2023237	2031012	2084234	2046161	1.62	cps
Rhodium	103-2	1567396	1539046	1589976	1565473	1.63	cps
Scandium	45-1	1584014	1586355	1573979	1581449	0.42	cps
Scandium	45-2	88231	88811	89254	88765	0.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	39	29	33	16.86	cps
Selenium	82-1	7	-2	-107	-34	-185.31	cps
Silicon	28-1	1927147	1961359	1972790	1953765	1.22	cps
Silver	109-1	83	50	83	72	26.65	cps
Silver	107-1	75	100	67	81	21.53	cps
Sodium	23-2	18437	18830	18980	18749	1.49	cps
Strontium	86-1	542	475	508	508	6.56	cps
Strontium	88-1	75	158	125	119	35.12	cps
Sulfur	34-1	194124	194926	197710	195587	0.96	cps
Terbium	159-1	2450048	2419025	2423924	2430999	0.69	cps
Terbium	159-2	1896191	1903399	1882990	1894193	0.55	cps
Thallium	203-1	8	17	75	33	108.97	cps
Thallium	205-1	83	100	67	83	20.00	cps
Tin	118-1	133	100	142	125	17.64	cps
Titanium	47-1	1483	1308	1517	1436	7.79	cps
Uranium	238-1	0	17	17	11	86.60	cps
Vanadium	51-2	10	10	17	12	31.50	cps
Yttrium	89-1	2347303	2375566	2340068	2354312	0.80	cps
Yttrium	89-2	517338	520961	518485	518928	0.36	cps
Zinc	66-2	70	60	57	62	11.15	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120043BL	Instrumnet Name :	P8
Client Sample ID :	PB120043BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:33:45	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	200	208	308	239	25.24	cps
Zirconium	91-1	42	100	42	61	55.11	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120043BS	Instrumnet Name :	P8
Client Sample ID :	PB120043BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:37:25	DataFile Name :	025LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	270225	271051	270973	270749	0.17	cps
Antimony	121-1	1609345	1590891	1615539	1605259	0.80	cps
Arsenic	75-2	116382	116711	116783	116625	0.18	cps
Barium	135-1	1555664	1546334	1579424	1560474	1.09	cps
Barium	137-1	2712408	2677786	2693200	2694465	0.64	cps
Beryllium	9-1	313180	318591	313944	315238	0.93	cps
Bismuth	209-1	1432016	1444132	1441699	1439282	0.45	cps
Bismuth	209-2	1300369	1308708	1286490	1298523	0.86	cps
Boron	10-1	35369	36038	35419	35609	1.05	cps
Boron	11-1	171895	176794	176896	175195	1.63	cps
Cadmium	111-1	370558	369029	372912	370833	0.53	cps
Cadmium	106-1	39166	38221	38130	38506	1.49	cps
Cadmium	108-1	27415	26564	27641	27207	2.09	cps
Calcium	43-1	443690	449078	449238	447336	0.71	cps
Calcium	44-1	7191373	7352740	7253693	7265935	1.12	cps
Chromium	52-2	652364	655760	660559	656228	0.63	cps
Cobalt	59-2	1054324	1055357	1065747	1058476	0.60	cps
Copper	63-2	1552169	1542431	1551307	1548636	0.35	cps
Dysprosium	156-1	42	50	50	47	10.18	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	25	17	8	17	50.01	cps
Erbium	164-2	7	7	13	9	43.25	cps
Gadolinium	160-1	17	17	33	22	43.28	cps
Gadolinium	160-2	13	13	10	12	15.73	cps
Holmium	165-1	2348251	2337223	2330349	2338608	0.39	cps
Holmium	165-2	1891888	1871405	1811365	1858219	2.25	cps
Indium	115-1	2076434	2085526	2065483	2075815	0.48	cps
Indium	115-2	621469	621470	611305	618081	0.95	cps
Iron	56-2	26394387	26297642	26311129	26334386	0.20	cps
Iron	57-2	646693	648663	654948	650101	0.66	cps
Krypton	83-1	303	317	347	322	6.89	cps
Lead	206-1	813774	821799	819812	818462	0.51	cps
Lead	207-1	734575	743054	741849	739826	0.62	cps
Lead	208-1	3325445	3355701	3378681	3353276	0.80	cps
Lithium	6-1	489346	491451	493206	491334	0.39	cps
Magnesium	24-2	3427289	3412493	3529388	3456390	1.84	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120043BS	Instrumnet Name :	P8
Client Sample ID :	PB120043BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:37:25	DataFile Name :	025LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	679639	691431	685520	685530	0.86	cps
Molybdenum	94-1	2813009	2764594	2766779	2781461	0.98	cps
Molybdenum	95-1	3389830	3422260	3415716	3409269	0.50	cps
Molybdenum	96-1	3785738	3833641	3735575	3784985	1.30	cps
Molybdenum	97-1	2187022	2174158	2165479	2175553	0.50	cps
Molybdenum	98-1	5482968	5491671	5420672	5465104	0.71	cps
Neodymium	150-1	93	67	67	76	20.38	cps
Neodymium	150-2	7	10	17	11	45.82	cps
Nickel	60-2	282142	287355	287894	285797	1.11	cps
Phosphorus	31-2	23495	23845	27085	24808	7.98	cps
Potassium	39-2	2014093	1977787	1989210	1993696	0.93	cps
Rhodium	103-1	2000332	2007801	2002059	2003397	0.20	cps
Rhodium	103-2	1527653	1574631	1481588	1527957	3.04	cps
Scandium	45-1	1612229	1592241	1642412	1615628	1.56	cps
Scandium	45-2	91341	90009	91341	90897	0.85	cps
Selenium	77-2	1737	1673	1873	1761	5.80	cps
Selenium	78-2	5834	5740	5837	5803	0.95	cps
Selenium	82-1	24413	24846	24692	24650	0.89	cps
Silicon	28-1	2656439	2662444	2706623	2675168	1.02	cps
Silver	109-1	1647774	1599926	1647540	1631746	1.69	cps
Silver	107-1	1719082	1709703	1746842	1725209	1.12	cps
Sodium	23-2	6982924	6927396	7087400	6999240	1.16	cps
Strontium	86-1	433125	430347	430672	431381	0.35	cps
Strontium	88-1	3803202	3690985	3715329	3736505	1.58	cps
Sulfur	34-1	319837	319931	323817	321195	0.71	cps
Terbium	159-1	2508777	2544488	2572070	2541778	1.25	cps
Terbium	159-2	1978991	1916821	1888124	1927979	2.41	cps
Thallium	203-1	1011007	1015976	1002533	1009838	0.67	cps
Thallium	205-1	2438999	2441301	2407009	2429103	0.79	cps
Tin	118-1	1039843	1037822	1052724	1043463	0.77	cps
Titanium	47-1	1067305	1080102	1063693	1070367	0.81	cps
Uranium	238-1	3146485	3193233	3131016	3156911	1.03	cps
Vanadium	51-2	529326	532579	533797	531900	0.43	cps
Yttrium	89-1	2394390	2386091	2403511	2394664	0.36	cps
Yttrium	89-2	526148	526601	515083	522611	1.25	cps
Zinc	66-2	269275	270308	272411	270665	0.59	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120043BS	Instrumnet Name :	P8
Client Sample ID :	PB120043BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:37:25	DataFile Name :	025LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2326713	2337612	2332977	2332434	0.23	cps
Zirconium	91-1	512683	513223	517800	514568	0.55	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-01	Instrumnet Name :	P8
Client Sample ID :	FESB-20(2.5-3)	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:41:00	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1196631	1229824	1210694	1212383	1.37	cps
Antimony	121-1	350	300	217	289	23.31	cps
Arsenic	75-2	1295	1272	1272	1280	1.04	cps
Barium	135-1	349623	348687	347606	348639	0.29	cps
Barium	137-1	601249	596292	593877	597139	0.63	cps
Beryllium	9-1	1850	1567	1745	1720	8.32	cps
Bismuth	209-1	1524952	1561587	1506718	1531086	1.83	cps
Bismuth	209-2	1381992	1372112	1377861	1377322	0.36	cps
Boron	10-1	925	817	858	867	6.31	cps
Boron	11-1	4059	4276	4292	4209	3.09	cps
Cadmium	111-1	720	812	793	775	6.23	cps
Cadmium	106-1	925	1083	1033	1014	7.98	cps
Cadmium	108-1	63	96	92	83	21.79	cps
Calcium	43-1	56423	55193	56480	56032	1.30	cps
Calcium	44-1	933669	920880	936073	930207	0.88	cps
Chromium	52-2	167115	166220	164126	165820	0.93	cps
Cobalt	59-2	51943	53081	52127	52383	1.17	cps
Copper	63-2	72859	72973	73101	72978	0.17	cps
Dysprosium	156-1	47562	47068	47027	47219	0.63	cps
Dysprosium	156-2	34054	34228	33733	34005	0.74	cps
Erbium	164-1	36384	35524	35574	35827	1.35	cps
Erbium	164-2	27309	27285	27613	27402	0.67	cps
Gadolinium	160-1	43749	41734	42863	42782	2.36	cps
Gadolinium	160-2	37818	37607	37958	37794	0.47	cps
Holmium	165-1	2435528	2510752	2483504	2476595	1.54	cps
Holmium	165-2	2024952	1996373	2003283	2008203	0.74	cps
Indium	115-1	2187039	2234196	2187375	2202870	1.23	cps
Indium	115-2	669151	667020	667301	667824	0.17	cps
Iron	56-2	65319267	65445335	64226688	64997096	1.03	cps
Iron	57-2	1628701	1644667	1622100	1631823	0.71	cps
Krypton	83-1	433	327	403	388	14.19	cps
Lead	206-1	71148	71707	70154	71003	1.11	cps
Lead	207-1	57033	56966	58551	57517	1.56	cps
Lead	208-1	272788	268813	270171	270591	0.75	cps
Lithium	6-1	526767	528857	522863	526162	0.58	cps
Magnesium	24-2	634196	635962	647794	639317	1.16	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-01	Instrumnet Name :	P8
Client Sample ID :	FESB-20(2.5-3)	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:41:00	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	153651	152579	151639	152623	0.66	cps
Molybdenum	94-1	38304	36658	36399	37121	2.78	cps
Molybdenum	95-1	517	542	500	519	4.04	cps
Molybdenum	96-1	6727	6827	6794	6782	0.75	cps
Molybdenum	97-1	525	433	308	422	25.76	cps
Molybdenum	98-1	883	975	617	825	22.56	cps
Neodymium	150-1	77821	78143	77352	77772	0.51	cps
Neodymium	150-2	49673	49754	49369	49599	0.41	cps
Nickel	60-2	29287	29137	29197	29207	0.26	cps
Phosphorus	31-2	1700	1892	1825	1806	5.39	cps
Potassium	39-2	129381	130246	129549	129725	0.35	cps
Rhodium	103-1	2146568	2170063	2146313	2154315	0.63	cps
Rhodium	103-2	1639830	1668096	1666033	1657986	0.95	cps
Scandium	45-1	1772235	1821509	1780308	1791351	1.48	cps
Scandium	45-2	100190	99072	100200	99821	0.65	cps
Selenium	77-2	183	147	140	157	14.90	cps
Selenium	78-2	89	120	115	108	15.41	cps
Selenium	82-1	14	89	67	57	67.74	cps
Silicon	28-1	12910877	12360548	12437505	12569643	2.37	cps
Silver	109-1	2117	2017	1325	1820	23.70	cps
Silver	107-1	1942	2034	1725	1900	8.33	cps
Sodium	23-2	72728	71530	70608	71622	1.48	cps
Strontium	86-1	33450	32698	32765	32971	1.26	cps
Strontium	88-1	285944	281610	280638	282730	1.00	cps
Sulfur	34-1	174649	168998	171603	171750	1.65	cps
Terbium	159-1	2649549	2722674	2596429	2656217	2.39	cps
Terbium	159-2	2067497	2077817	2038739	2061351	0.98	cps
Thallium	203-1	867	1058	1025	983	10.41	cps
Thallium	205-1	2075	2167	2134	2125	2.18	cps
Tin	118-1	517	633	492	547	13.82	cps
Titanium	47-1	32580	35502	32087	33390	5.53	cps
Uranium	238-1	36747	35543	35509	35933	1.96	cps
Vanadium	51-2	213721	210233	213806	212587	0.96	cps
Yttrium	89-1	3081125	3208930	3067718	3119258	2.50	cps
Yttrium	89-2	693238	699264	686728	693076	0.90	cps
Zinc	66-2	42505	42883	41488	42292	1.71	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-01	Instrumnet Name :	P8
Client Sample ID :	FESB-20(2.5-3)	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:41:00	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	102123	99965	98479	100189	1.83	cps
Zirconium	91-1	22135	21926	22094	22052	0.50	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:44:39	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2785718	2798158	2807313	2797063	0.39	cps
Antimony	121-1	167	250	100	172	43.64	cps
Arsenic	75-2	1292	1343	1329	1322	1.99	cps
Barium	135-1	3701908	3695604	3728804	3708772	0.48	cps
Barium	137-1	6379070	6313670	6275408	6322716	0.83	cps
Beryllium	9-1	9865	9954	10059	9959	0.98	cps
Bismuth	209-1	1522369	1500267	1506476	1509704	0.76	cps
Bismuth	209-2	1362780	1349925	1351825	1354843	0.51	cps
Boron	10-1	800	925	1008	911	11.51	cps
Boron	11-1	5076	5084	4859	5007	2.55	cps
Cadmium	111-1	1685	1829	1665	1726	5.19	cps
Cadmium	106-1	1825	1967	1775	1856	5.36	cps
Cadmium	108-1	246	383	283	304	23.37	cps
Calcium	43-1	110667	113297	115212	113058	2.02	cps
Calcium	44-1	1857934	1872348	1903771	1878018	1.25	cps
Chromium	52-2	423423	436172	439034	432877	1.92	cps
Cobalt	59-2	163536	164811	163763	164037	0.41	cps
Copper	63-2	144528	144445	143788	144254	0.28	cps
Dysprosium	156-1	108161	108086	107732	107993	0.21	cps
Dysprosium	156-2	82430	81860	80653	81648	1.11	cps
Erbium	164-1	101359	104458	102509	102775	1.52	cps
Erbium	164-2	79759	79544	79074	79459	0.44	cps
Gadolinium	160-1	107128	105163	104768	105686	1.20	cps
Gadolinium	160-2	94031	93236	94703	93990	0.78	cps
Holmium	165-1	2499120	2521946	2502094	2507720	0.49	cps
Holmium	165-2	2046670	2002943	2038344	2029319	1.14	cps
Indium	115-1	2211263	2217824	2182862	2203983	0.84	cps
Indium	115-2	665213	661126	662030	662790	0.32	cps
Iron	56-2	56878810	57031646	57219894	57043450	0.30	cps
Iron	57-2	1427898	1434106	1420658	1427554	0.47	cps
Krypton	83-1	433	530	427	463	12.48	cps
Lead	206-1	146089	144533	145067	145230	0.54	cps
Lead	207-1	119142	119141	117207	118496	0.94	cps
Lead	208-1	562574	559988	559560	560708	0.29	cps
Lithium	6-1	520312	523371	520508	521397	0.33	cps
Magnesium	24-2	1613456	1586479	1597467	1599134	0.85	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:44:39	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	244248	247934	245930	246037	0.75	cps
Molybdenum	94-1	118589	118925	117781	118432	0.50	cps
Molybdenum	95-1	300	308	392	333	15.21	cps
Molybdenum	96-1	20157	19481	20115	19918	1.90	cps
Molybdenum	97-1	342	325	275	314	11.05	cps
Molybdenum	98-1	583	567	600	583	2.86	cps
Neodymium	150-1	150064	147664	148708	148812	0.81	cps
Neodymium	150-2	94741	95023	94187	94651	0.45	cps
Nickel	60-2	135804	135491	135629	135641	0.12	cps
Phosphorus	31-2	1767	1583	1633	1661	5.71	cps
Potassium	39-2	206510	206011	209735	207419	0.97	cps
Rhodium	103-1	2137739	2138674	2136739	2137717	0.05	cps
Rhodium	103-2	1666333	1672880	1649307	1662840	0.73	cps
Scandium	45-1	2114562	2137792	2163467	2138607	1.14	cps
Scandium	45-2	115338	116401	118098	116612	1.19	cps
Selenium	77-2	283	347	293	308	11.06	cps
Selenium	78-2	205	217	191	204	6.37	cps
Selenium	82-1	157	96	249	167	46.21	cps
Silicon	28-1	28640480	29041923	29077618	28920007	0.84	cps
Silver	109-1	1300	1358	1325	1328	2.20	cps
Silver	107-1	1658	1283	1492	1478	12.71	cps
Sodium	23-2	153071	154623	153166	153620	0.57	cps
Strontium	86-1	149628	147454	146713	147932	1.02	cps
Strontium	88-1	1289386	1293958	1272221	1285188	0.89	cps
Sulfur	34-1	197815	197385	196008	197069	0.48	cps
Terbium	159-1	2714141	2712947	2718337	2715142	0.10	cps
Terbium	159-2	2091158	2075028	2094840	2087008	0.50	cps
Thallium	203-1	992	1042	1150	1061	7.63	cps
Thallium	205-1	2892	2442	2859	2731	9.18	cps
Tin	118-1	558	633	650	614	7.95	cps
Titanium	47-1	118203	122412	121617	120744	1.85	cps
Uranium	238-1	174448	174432	174273	174384	0.06	cps
Vanadium	51-2	235922	238897	238705	237841	0.70	cps
Yttrium	89-1	4337171	4311210	4329838	4326073	0.31	cps
Yttrium	89-2	959802	963536	964182	962507	0.25	cps
Zinc	66-2	123540	124294	123544	123793	0.35	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:44:39	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	325670	324509	327995	326058	0.54	cps
Zirconium	91-1	71529	71295	71839	71554	0.38	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02DUP	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:48:16	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2698491	2702969	2776961	2726140	1.62	cps
Antimony	121-1	175	92	183	150	33.79	cps
Arsenic	75-2	1252	1281	1247	1260	1.46	cps
Barium	135-1	3708415	3685358	3609171	3667648	1.42	cps
Barium	137-1	6272679	6251583	6283407	6269223	0.26	cps
Beryllium	9-1	9837	9676	10243	9918	2.95	cps
Bismuth	209-1	1523899	1491732	1500369	1505333	1.11	cps
Bismuth	209-2	1345408	1348589	1354470	1349489	0.34	cps
Boron	10-1	900	1042	1017	986	7.67	cps
Boron	11-1	4542	4968	4909	4806	4.80	cps
Cadmium	111-1	1776	1844	1638	1753	5.97	cps
Cadmium	106-1	1867	1809	1767	1814	2.77	cps
Cadmium	108-1	258	204	283	249	16.28	cps
Calcium	43-1	111776	110818	114363	112319	1.63	cps
Calcium	44-1	1913672	1892704	1905312	1903896	0.55	cps
Chromium	52-2	435126	435742	435905	435591	0.09	cps
Cobalt	59-2	163321	165907	166015	165081	0.92	cps
Copper	63-2	148049	145314	145690	146351	1.01	cps
Dysprosium	156-1	108413	108069	106590	107691	0.90	cps
Dysprosium	156-2	82024	79607	79781	80471	1.68	cps
Erbium	164-1	100847	102166	100647	101220	0.82	cps
Erbium	164-2	78571	78129	78484	78395	0.30	cps
Gadolinium	160-1	107138	104860	104953	105650	1.22	cps
Gadolinium	160-2	93075	92689	93192	92986	0.28	cps
Holmium	165-1	2489500	2480965	2519200	2496555	0.80	cps
Holmium	165-2	1980446	1997149	2004511	1994035	0.62	cps
Indium	115-1	2173941	2188459	2206909	2189770	0.75	cps
Indium	115-2	659986	652809	655681	656159	0.55	cps
Iron	56-2	56871061	58249639	57063287	57394662	1.30	cps
Iron	57-2	1438326	1430184	1445923	1438144	0.55	cps
Krypton	83-1	503	447	433	461	8.06	cps
Lead	206-1	146163	146831	144984	145993	0.64	cps
Lead	207-1	120129	117885	118014	118676	1.06	cps
Lead	208-1	559546	558315	556430	558097	0.28	cps
Lithium	6-1	523740	513450	518296	518495	0.99	cps
Magnesium	24-2	1601390	1586389	1584940	1590907	0.57	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02DUP	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:48:16	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	245894	244546	247092	245844	0.52	cps
Molybdenum	94-1	120488	119093	119437	119673	0.61	cps
Molybdenum	95-1	450	408	250	369	28.56	cps
Molybdenum	96-1	20524	20892	19748	20388	2.86	cps
Molybdenum	97-1	342	408	517	422	20.92	cps
Molybdenum	98-1	567	617	483	556	12.12	cps
Neodymium	150-1	147489	145838	148973	147433	1.06	cps
Neodymium	150-2	94389	93752	93764	93968	0.39	cps
Nickel	60-2	135418	135757	137696	136290	0.90	cps
Phosphorus	31-2	1667	1800	1758	1742	3.92	cps
Potassium	39-2	206918	208455	209419	208264	0.61	cps
Rhodium	103-1	2196750	2091219	2107685	2131884	2.66	cps
Rhodium	103-2	1610848	1627296	1649381	1629175	1.19	cps
Scandium	45-1	2124807	2148428	2099873	2124369	1.14	cps
Scandium	45-2	115355	114918	117482	115918	1.18	cps
Selenium	77-2	390	397	317	368	12.07	cps
Selenium	78-2	221	215	229	222	3.17	cps
Selenium	82-1	188	189	130	169	19.90	cps
Silicon	28-1	29013310	28893180	29057419	28987970	0.29	cps
Silver	109-1	1317	1183	1075	1192	10.16	cps
Silver	107-1	1458	1383	1417	1420	2.65	cps
Sodium	23-2	157945	150942	155171	154686	2.28	cps
Strontium	86-1	150184	146571	145122	147292	1.77	cps
Strontium	88-1	1301395	1272376	1268178	1280650	1.41	cps
Sulfur	34-1	186255	186998	186162	186472	0.25	cps
Terbium	159-1	2725624	2657994	2680853	2688157	1.28	cps
Terbium	159-2	2070775	2087872	2057171	2071939	0.74	cps
Thallium	203-1	1125	1208	967	1100	11.16	cps
Thallium	205-1	2700	2734	2825	2753	2.35	cps
Tin	118-1	725	675	633	678	6.77	cps
Titanium	47-1	137529	136770	129697	134666	3.21	cps
Uranium	238-1	173311	171993	175254	173519	0.95	cps
Vanadium	51-2	235481	237684	240876	238014	1.14	cps
Yttrium	89-1	4431279	4187821	4234682	4284594	3.01	cps
Yttrium	89-2	956757	944885	955130	952258	0.68	cps
Zinc	66-2	121990	121748	122263	122001	0.21	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02DUP	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:48:16	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	331823	331076	327390	330096	0.72	cps
Zirconium	91-1	74093	74788	73633	74171	0.78	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02LX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 14:51:53	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	512140	528042	524577	521587	1.60	cps
Antimony	121-1	75	75	108	86	22.35	cps
Arsenic	75-2	230	256	232	239	6.04	cps
Barium	135-1	689429	689646	674952	684676	1.23	cps
Barium	137-1	1146772	1157308	1158573	1154218	0.56	cps
Beryllium	9-1	1939	1956	1856	1917	2.80	cps
Bismuth	209-1	1455242	1421079	1393822	1423381	2.16	cps
Bismuth	209-2	1292027	1301906	1278832	1290922	0.90	cps
Boron	10-1	408	350	300	353	15.37	cps
Boron	11-1	1934	1542	1800	1758	11.33	cps
Cadmium	111-1	676	608	668	651	5.72	cps
Cadmium	106-1	808	725	875	803	9.36	cps
Cadmium	108-1	33	29	75	46	55.30	cps
Calcium	43-1	21792	21150	20591	21178	2.84	cps
Calcium	44-1	359713	356673	358080	358155	0.42	cps
Chromium	52-2	82045	80536	81361	81314	0.93	cps
Cobalt	59-2	30400	30260	30804	30488	0.93	cps
Copper	63-2	29010	29241	28923	29058	0.56	cps
Dysprosium	156-1	20016	19206	19289	19504	2.28	cps
Dysprosium	156-2	14742	15206	14922	14956	1.56	cps
Erbium	164-1	18380	18922	18672	18658	1.45	cps
Erbium	164-2	14725	14708	13871	14435	3.38	cps
Gadolinium	160-1	19523	18564	19332	19140	2.65	cps
Gadolinium	160-2	17328	17692	17382	17467	1.12	cps
Holmium	165-1	2302766	2293205	2235612	2277194	1.60	cps
Holmium	165-2	1870235	1858620	1868564	1865807	0.34	cps
Indium	115-1	2111832	2098567	2047284	2085895	1.63	cps
Indium	115-2	632553	631330	638143	634009	0.57	cps
Iron	56-2	10573454	10584001	10581508	10579654	0.05	cps
Iron	57-2	263115	262318	264589	263341	0.44	cps
Krypton	83-1	293	317	400	337	16.66	cps
Lead	206-1	26316	26088	26656	26353	1.08	cps
Lead	207-1	21880	21413	21123	21472	1.78	cps
Lead	208-1	104376	102274	101716	102788	1.36	cps
Lithium	6-1	470811	464353	460906	465357	1.08	cps
Magnesium	24-2	288997	297424	296594	294338	1.58	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02LX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 14:51:53	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	45317	45444	45798	45519	0.55	cps
Molybdenum	94-1	21643	21860	21976	21826	0.78	cps
Molybdenum	95-1	50	42	75	56	31.22	cps
Molybdenum	96-1	3901	3642	3976	3840	4.56	cps
Molybdenum	97-1	225	150	108	161	36.70	cps
Molybdenum	98-1	117	142	158	139	15.10	cps
Neodymium	150-1	26868	26934	26654	26819	0.55	cps
Neodymium	150-2	17201	17338	17382	17307	0.54	cps
Nickel	60-2	25236	25757	25049	25348	1.45	cps
Phosphorus	31-2	625	533	733	631	15.88	cps
Potassium	39-2	53594	55987	55292	54957	2.24	cps
Rhodium	103-1	2087754	2031216	1956868	2025279	3.24	cps
Rhodium	103-2	1597926	1603202	1578599	1593242	0.81	cps
Scandium	45-1	1667987	1682038	1650895	1666974	0.94	cps
Scandium	45-2	95072	94136	92914	94041	1.15	cps
Selenium	77-2	53	43	77	58	29.61	cps
Selenium	78-2	77	68	54	66	17.47	cps
Selenium	82-1	36	30	-54	4	1155.16	cps
Silicon	28-1	6746718	6692469	6877630	6772272	1.41	cps
Silver	109-1	250	317	217	261	19.50	cps
Silver	107-1	408	333	275	339	19.72	cps
Sodium	23-2	41929	42999	42973	42634	1.43	cps
Strontium	86-1	28322	28163	27587	28024	1.38	cps
Strontium	88-1	234535	237229	233605	235123	0.80	cps
Sulfur	34-1	140929	139204	140028	140054	0.62	cps
Terbium	159-1	2496346	2438988	2398448	2444594	2.01	cps
Terbium	159-2	1944646	1917794	1903750	1922064	1.08	cps
Thallium	203-1	258	200	150	203	26.74	cps
Thallium	205-1	450	542	675	556	20.37	cps
Tin	118-1	208	175	300	228	28.42	cps
Titanium	47-1	23261	23195	22519	22992	1.79	cps
Uranium	238-1	31691	30622	30655	30989	1.96	cps
Vanadium	51-2	44938	43882	43889	44236	1.37	cps
Yttrium	89-1	2771630	2678698	2651126	2700485	2.34	cps
Yttrium	89-2	591226	602724	600943	598298	1.03	cps
Zinc	66-2	22819	23049	23022	22963	0.55	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02LX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 14:51:53	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	60744	59597	59112	59818	1.40	cps
Zirconium	91-1	13515	13223	13515	13418	1.26	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-04	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:55:33	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3089448	3109493	3077869	3092270	0.52	cps
Antimony	121-1	597145	603255	593295	597898	0.84	cps
Arsenic	75-2	104633	104667	103973	104424	0.37	cps
Barium	135-1	4901838	4932133	4844358	4892776	0.91	cps
Barium	137-1	8363429	8450097	8265295	8359607	1.11	cps
Beryllium	9-1	306669	303731	309545	306648	0.95	cps
Bismuth	209-1	1470057	1460631	1434717	1455135	1.26	cps
Bismuth	209-2	1319314	1343736	1439326	1367459	4.64	cps
Boron	10-1	35278	35193	35260	35244	0.13	cps
Boron	11-1	174357	171964	177240	174520	1.51	cps
Cadmium	111-1	348046	346945	344414	346468	0.54	cps
Cadmium	106-1	36993	37143	36893	37010	0.34	cps
Cadmium	108-1	25762	25516	25157	25478	1.19	cps
Calcium	43-1	549626	548290	557403	551773	0.89	cps
Calcium	44-1	9047669	8974921	9117375	9046655	0.79	cps
Chromium	52-2	1046050	1042870	1034762	1041227	0.56	cps
Cobalt	59-2	1146308	1153783	1140909	1147000	0.56	cps
Copper	63-2	1714902	1710165	1689052	1704706	0.81	cps
Dysprosium	156-1	104657	104774	103339	104257	0.76	cps
Dysprosium	156-2	79938	79697	78292	79309	1.12	cps
Erbium	164-1	100646	98966	98958	99523	0.98	cps
Erbium	164-2	76355	77103	75430	76296	1.10	cps
Gadolinium	160-1	103727	103122	101610	102820	1.06	cps
Gadolinium	160-2	90635	91279	90427	90780	0.49	cps
Holmium	165-1	2504140	2468319	2429576	2467345	1.51	cps
Holmium	165-2	2016857	2050128	2217289	2094758	5.13	cps
Indium	115-1	2142442	2131992	2105575	2126669	0.89	cps
Indium	115-2	641892	647355	707302	665516	5.45	cps
Iron	56-2	86196088	86278994	83642119	85372400	1.76	cps
Iron	57-2	2159474	2182644	2186948	2176355	0.68	cps
Krypton	83-1	537	453	460	483	9.58	cps
Lead	206-1	925632	922824	926507	924988	0.21	cps
Lead	207-1	800549	794313	785221	793361	0.97	cps
Lead	208-1	3704240	3695233	3651003	3683492	0.77	cps
Lithium	6-1	501877	503340	500744	501987	0.26	cps
Magnesium	24-2	4795915	4923401	4905784	4875033	1.42	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-04	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:55:33	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	952942	970156	936410	953169	1.77	cps
Molybdenum	94-1	2884389	2853988	2864835	2867737	0.54	cps
Molybdenum	95-1	3505303	3540004	3410269	3485192	1.93	cps
Molybdenum	96-1	3916489	3872423	3838370	3875761	1.01	cps
Molybdenum	97-1	2223627	2188862	2194569	2202353	0.85	cps
Molybdenum	98-1	5521430	5585906	5632798	5580045	1.00	cps
Neodymium	150-1	150341	148404	145002	147916	1.83	cps
Neodymium	150-2	94147	93570	91347	93022	1.59	cps
Nickel	60-2	396509	397469	388290	394089	1.28	cps
Phosphorus	31-2	1834	1825	1683	1781	4.74	cps
Potassium	39-2	2207020	2211390	2155595	2191335	1.42	cps
Rhodium	103-1	2027249	2023940	2039049	2030080	0.39	cps
Rhodium	103-2	1592733	1589077	1755644	1645818	5.78	cps
Scandium	45-1	2111501	2121495	2074253	2102416	1.18	cps
Scandium	45-2	114552	117496	125619	119222	4.81	cps
Selenium	77-2	1777	1877	1863	1839	2.95	cps
Selenium	78-2	5310	5333	5298	5313	0.33	cps
Selenium	82-1	22164	22012	21708	21961	1.06	cps
Silicon	28-1	23409174	22971498	23518566	23299746	1.24	cps
Silver	109-1	1454239	1444930	1435366	1444845	0.65	cps
Silver	107-1	1524360	1517920	1543260	1528513	0.86	cps
Sodium	23-2	7700567	7587394	7613084	7633682	0.78	cps
Strontium	86-1	559530	551359	546683	552524	1.18	cps
Strontium	88-1	4780304	4684616	4678554	4714491	1.21	cps
Sulfur	34-1	190956	189674	192789	191140	0.82	cps
Terbium	159-1	2674392	2686559	2572597	2644516	2.37	cps
Terbium	159-2	2037486	2063143	2249279	2116636	5.46	cps
Thallium	203-1	911579	896055	902138	903257	0.87	cps
Thallium	205-1	2199918	2154099	2178868	2177629	1.05	cps
Tin	118-1	822394	809297	814741	815477	0.81	cps
Titanium	47-1	1222894	1196096	1220259	1213083	1.22	cps
Uranium	238-1	3154238	3118651	3065945	3112945	1.43	cps
Vanadium	51-2	748585	753964	748281	750277	0.43	cps
Yttrium	89-1	4229220	4232539	4182632	4214797	0.66	cps
Yttrium	89-2	929606	948626	990695	956309	3.27	cps
Zinc	66-2	380569	383845	381619	382011	0.44	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-04	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:55:33	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2423348	2428861	2417273	2423161	0.24	cps
Zirconium	91-1	528296	530626	528279	529067	0.26	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-05	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:59:09	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2834233	2813460	2846196	2831296	0.59	cps
Antimony	121-1	700284	694887	682835	692668	1.29	cps
Arsenic	75-2	113786	113959	113989	113911	0.10	cps
Barium	135-1	4675553	4624751	4555955	4618753	1.30	cps
Barium	137-1	7920136	7818431	7826035	7854867	0.72	cps
Beryllium	9-1	334618	337162	339903	337228	0.78	cps
Bismuth	209-1	1491685	1488330	1482841	1487619	0.30	cps
Bismuth	209-2	1298751	1313746	1303100	1305199	0.59	cps
Boron	10-1	35478	35327	35586	35464	0.37	cps
Boron	11-1	175125	178067	178371	177188	1.01	cps
Cadmium	111-1	390154	384122	383679	385985	0.94	cps
Cadmium	106-1	40118	41439	40469	40676	1.68	cps
Cadmium	108-1	27603	28175	27566	27781	1.23	cps
Calcium	43-1	545493	547608	546404	546502	0.19	cps
Calcium	44-1	8825982	8816317	8901549	8847949	0.53	cps
Chromium	52-2	1048811	1044513	1047933	1047086	0.22	cps
Cobalt	59-2	1220760	1229947	1234148	1228285	0.56	cps
Copper	63-2	1691176	1723798	1725497	1713490	1.13	cps
Dysprosium	156-1	103096	101728	103960	102928	1.09	cps
Dysprosium	156-2	74735	75445	75858	75346	0.75	cps
Erbium	164-1	95624	95247	94744	95205	0.46	cps
Erbium	164-2	72906	74344	74380	73877	1.14	cps
Gadolinium	160-1	98041	99015	98798	98618	0.52	cps
Gadolinium	160-2	85393	85987	87118	86166	1.02	cps
Holmium	165-1	2483499	2513725	2466150	2487791	0.97	cps
Holmium	165-2	1991494	1995271	1973259	1986675	0.59	cps
Indium	115-1	2177659	2156206	2136844	2156903	0.95	cps
Indium	115-2	627672	630160	628729	628854	0.20	cps
Iron	56-2	78463982	78637668	80113346	79071666	1.15	cps
Iron	57-2	1967095	1979498	2043910	1996834	2.07	cps
Krypton	83-1	427	410	430	422	2.54	cps
Lead	206-1	1001520	990988	974297	988935	1.39	cps
Lead	207-1	868298	854386	839947	854210	1.66	cps
Lead	208-1	4024367	4000340	3946004	3990237	1.01	cps
Lithium	6-1	507933	514563	513059	511852	0.68	cps
Magnesium	24-2	4653197	4793787	4727101	4724695	1.49	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-05	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:59:09	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	918560	930677	944775	931338	1.41	cps
Molybdenum	94-1	2894324	2897357	2920103	2903928	0.49	cps
Molybdenum	95-1	3488008	3536669	3477495	3500724	0.90	cps
Molybdenum	96-1	3889935	3903801	3903944	3899227	0.21	cps
Molybdenum	97-1	2217551	2215681	2224791	2219341	0.22	cps
Molybdenum	98-1	5536173	5620251	5528164	5561529	0.92	cps
Neodymium	150-1	139638	138977	140677	139764	0.61	cps
Neodymium	150-2	86914	89491	87311	87905	1.58	cps
Nickel	60-2	415303	422045	415627	417658	0.91	cps
Phosphorus	31-2	1759	1575	1800	1711	7.00	cps
Potassium	39-2	2079919	2095122	2098241	2091094	0.47	cps
Rhodium	103-1	2088771	2099401	2019821	2069331	2.09	cps
Rhodium	103-2	1559195	1563160	1580050	1567468	0.71	cps
Scandium	45-1	2072282	2066747	2140252	2093094	1.96	cps
Scandium	45-2	110775	112774	113188	112246	1.15	cps
Selenium	77-2	1920	1977	2024	1973	2.62	cps
Selenium	78-2	5774	5930	5966	5890	1.73	cps
Selenium	82-1	24072	24464	24487	24341	0.96	cps
Silicon	28-1	20551795	20498187	20362896	20470959	0.48	cps
Silver	109-1	1576222	1565866	1603177	1581755	1.22	cps
Silver	107-1	1698042	1702197	1671864	1690701	0.97	cps
Sodium	23-2	7438095	7554041	7614690	7535609	1.19	cps
Strontium	86-1	588210	589215	587954	588460	0.11	cps
Strontium	88-1	5048650	5105924	5080487	5078353	0.57	cps
Sulfur	34-1	196473	197582	196363	196806	0.34	cps
Terbium	159-1	2680906	2659223	2689597	2676575	0.58	cps
Terbium	159-2	1999812	2062497	2018041	2026783	1.59	cps
Thallium	203-1	991958	1004302	970075	988778	1.75	cps
Thallium	205-1	2399913	2377011	2328095	2368340	1.55	cps
Tin	118-1	834225	825002	826535	828587	0.60	cps
Titanium	47-1	1129189	1131251	1141927	1134122	0.60	cps
Uranium	238-1	3364004	3489229	3422059	3425097	1.83	cps
Vanadium	51-2	763036	761966	761014	762005	0.13	cps
Yttrium	89-1	4217794	4157252	4242433	4205827	1.04	cps
Yttrium	89-2	904804	908117	907427	906783	0.19	cps
Zinc	66-2	367105	371265	373974	370781	0.93	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-05	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 14:59:09	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2616869	2557629	2618795	2597765	1.34	cps
Zirconium	91-1	564186	562845	563000	563344	0.13	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02A	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:02:45	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3010899	3009349	3033368	3017872	0.45	cps
Antimony	121-1	612112	618191	617381	615895	0.54	cps
Arsenic	75-2	107874	107136	106544	107185	0.62	cps
Barium	135-1	4790684	4690387	4671646	4717572	1.36	cps
Barium	137-1	8128385	8118893	8113176	8120151	0.09	cps
Beryllium	9-1	318304	321174	322854	320777	0.72	cps
Bismuth	209-1	1428635	1432374	1396619	1419210	1.38	cps
Bismuth	209-2	1288587	1273635	1282949	1281723	0.59	cps
Boron	10-1	35620	35578	36046	35748	0.73	cps
Boron	11-1	175790	178837	180152	178260	1.26	cps
Cadmium	111-1	364310	363145	362429	363294	0.26	cps
Cadmium	106-1	38088	38397	38021	38168	0.53	cps
Cadmium	108-1	26363	26368	25800	26177	1.25	cps
Calcium	43-1	546221	543736	544086	544681	0.25	cps
Calcium	44-1	8795503	8826037	8873527	8831689	0.45	cps
Chromium	52-2	1038699	1034321	1026327	1033115	0.61	cps
Cobalt	59-2	1186291	1168571	1162667	1172509	1.05	cps
Copper	63-2	1721482	1691900	1701573	1704985	0.88	cps
Dysprosium	156-1	103617	103407	103859	103627	0.22	cps
Dysprosium	156-2	77860	77950	77082	77631	0.62	cps
Erbium	164-1	96891	96254	97766	96970	0.78	cps
Erbium	164-2	75215	73918	73368	74167	1.28	cps
Gadolinium	160-1	99268	100308	101870	100482	1.30	cps
Gadolinium	160-2	87983	88946	87524	88151	0.82	cps
Holmium	165-1	2419466	2393127	2350814	2387802	1.45	cps
Holmium	165-2	1983091	1897650	1940623	1940455	2.20	cps
Indium	115-1	2093644	2112732	2039705	2082027	1.82	cps
Indium	115-2	609371	618952	620106	616143	0.96	cps
Iron	56-2	81541866	82538613	82716474	82265651	0.77	cps
Iron	57-2	2056737	2083755	2032330	2057607	1.25	cps
Krypton	83-1	597	450	407	484	20.55	cps
Lead	206-1	937827	952014	945012	944951	0.75	cps
Lead	207-1	811400	829478	809146	816675	1.36	cps
Lead	208-1	3786538	3881689	3819702	3829310	1.26	cps
Lithium	6-1	498566	499600	496312	498159	0.34	cps
Magnesium	24-2	4837470	4808031	4786555	4810686	0.53	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02A	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:02:45	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	936589	940017	926118	934241	0.78	cps
Molybdenum	94-1	2872003	2886150	2819800	2859317	1.22	cps
Molybdenum	95-1	3475669	3532524	3378046	3462079	2.26	cps
Molybdenum	96-1	3804747	3821543	3836650	3820980	0.42	cps
Molybdenum	97-1	2169843	2196428	2187153	2184474	0.62	cps
Molybdenum	98-1	5526452	5475589	5523885	5508642	0.52	cps
Neodymium	150-1	143122	140077	144537	142578	1.60	cps
Neodymium	150-2	89367	89727	89310	89468	0.25	cps
Nickel	60-2	402822	400306	399784	400971	0.41	cps
Phosphorus	31-2	1558	1809	1767	1711	7.83	cps
Potassium	39-2	2160288	2197985	2149048	2169107	1.18	cps
Rhodium	103-1	1995367	1987950	1954618	1979312	1.10	cps
Rhodium	103-2	1511950	1528354	1521257	1520521	0.54	cps
Scandium	45-1	2018751	2003656	1993495	2005300	0.63	cps
Scandium	45-2	112099	111330	112908	112112	0.70	cps
Selenium	77-2	1910	1777	1843	1843	3.62	cps
Selenium	78-2	5519	5494	5577	5530	0.77	cps
Selenium	82-1	22869	23238	23145	23084	0.83	cps
Silicon	28-1	23550227	24230471	24461924	24080874	1.97	cps
Silver	109-1	1500645	1490480	1484287	1491804	0.55	cps
Silver	107-1	1550724	1624943	1568397	1581355	2.45	cps
Sodium	23-2	7604534	7580923	7698621	7628026	0.82	cps
Strontium	86-1	565217	562890	564180	564096	0.21	cps
Strontium	88-1	4814794	4879271	4876055	4856707	0.75	cps
Sulfur	34-1	200377	203909	204162	202816	1.04	cps
Terbium	159-1	2586765	2589802	2534779	2570449	1.20	cps
Terbium	159-2	1979520	1984409	2013894	1992608	0.93	cps
Thallium	203-1	931424	940528	929151	933701	0.64	cps
Thallium	205-1	2274614	2280825	2243352	2266264	0.89	cps
Tin	118-1	784707	797027	791361	791031	0.78	cps
Titanium	47-1	1174572	1187879	1160419	1174290	1.17	cps
Uranium	238-1	3242494	3237308	3178733	3219512	1.10	cps
Vanadium	51-2	745265	746378	749913	747186	0.32	cps
Yttrium	89-1	4120898	4117449	4055843	4098064	0.89	cps
Yttrium	89-2	902098	903843	895605	900516	0.48	cps
Zinc	66-2	375842	378563	373186	375864	0.72	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02A	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:02:45	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2446994	2463453	2433089	2447845	0.62	cps
Zirconium	91-1	536039	546659	530483	537727	1.53	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:08:21	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1443420	1482082	1453434	1459645	1.37	cps
Antimony	121-1	1628988	1629978	1606595	1621854	0.82	cps
Arsenic	75-2	113809	117009	115378	115399	1.39	cps
Barium	135-1	1573819	1611400	1569860	1585027	1.45	cps
Barium	137-1	2729728	2764797	2716957	2737161	0.90	cps
Beryllium	9-1	326102	336475	339613	334063	2.12	cps
Bismuth	209-1	1409262	1421960	1401096	1410773	0.75	cps
Bismuth	209-2	1254578	1259420	1264359	1259453	0.39	cps
Boron	10-1	37458	38828	38719	38335	1.99	cps
Boron	11-1	183384	190112	192460	188652	2.50	cps
Cadmium	111-1	369972	368350	372089	370137	0.51	cps
Cadmium	106-1	38021	39291	39182	38831	1.81	cps
Cadmium	108-1	27240	26868	27524	27211	1.21	cps
Calcium	43-1	2167133	2188561	2239573	2198422	1.69	cps
Calcium	44-1	35250453	35583407	35925540	35586467	0.95	cps
Chromium	52-2	644529	663443	660968	656313	1.57	cps
Cobalt	59-2	1041513	1046294	1048290	1045366	0.33	cps
Copper	63-2	1478702	1486198	1485192	1483364	0.27	cps
Dysprosium	156-1	25	33	58	39	44.62	cps
Dysprosium	156-2	17	3	10	10	66.70	cps
Erbium	164-1	17	42	17	25	57.73	cps
Erbium	164-2	13	10	7	10	33.30	cps
Gadolinium	160-1	17	25	50	31	56.77	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	2352598	2328573	2325872	2335681	0.63	cps
Holmium	165-2	1881304	1907612	1869312	1886076	1.04	cps
Indium	115-1	2045667	2055574	2060939	2054060	0.38	cps
Indium	115-2	600581	600103	613566	604750	1.26	cps
Iron	56-2	124924614	127855278	126903725	126561206	1.18	cps
Iron	57-2	3105138	3161038	3160705	3142294	1.02	cps
Krypton	83-1	380	260	327	322	18.66	cps
Lead	206-1	837652	833158	821929	830913	0.97	cps
Lead	207-1	756736	752842	749226	752935	0.50	cps
Lead	208-1	3439537	3431710	3382056	3417768	0.91	cps
Lithium	6-1	492297	506888	506275	501820	1.64	cps
Magnesium	24-2	16332937	16719536	16944775	16665749	1.86	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:08:21	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	669524	683925	686690	680046	1.36	cps
Molybdenum	94-1	2845422	2863734	2854177	2854444	0.32	cps
Molybdenum	95-1	3515547	3523932	3464853	3501444	0.91	cps
Molybdenum	96-1	3882086	3857920	3926710	3888905	0.90	cps
Molybdenum	97-1	2219635	2218536	2200323	2212831	0.49	cps
Molybdenum	98-1	5608028	5621640	5522238	5583968	0.97	cps
Neodymium	150-1	107	93	193	131	41.41	cps
Neodymium	150-2	10	37	23	23	57.15	cps
Nickel	60-2	279294	284461	283223	282326	0.96	cps
Phosphorus	31-2	24722	25866	25649	25412	2.39	cps
Potassium	39-2	9322642	9654725	9635912	9537760	1.96	cps
Rhodium	103-1	1989866	1973718	1978756	1980780	0.42	cps
Rhodium	103-2	1481693	1482235	1497551	1487160	0.61	cps
Scandium	45-1	1627324	1637290	1662914	1642510	1.12	cps
Scandium	45-2	89747	92360	91893	91333	1.53	cps
Selenium	77-2	1763	1567	1667	1666	5.90	cps
Selenium	78-2	5677	5802	5768	5749	1.12	cps
Selenium	82-1	24598	25004	24760	24787	0.82	cps
Silicon	28-1	2677847	2685072	2693749	2685556	0.30	cps
Silver	109-1	1626860	1623939	1622684	1624495	0.13	cps
Silver	107-1	1699791	1725878	1698715	1708128	0.90	cps
Sodium	23-2	33296051	33645908	33906603	33616187	0.91	cps
Strontium	86-1	441663	440671	437457	439931	0.50	cps
Strontium	88-1	3810083	3812721	3810469	3811091	0.04	cps
Sulfur	34-1	310514	315491	315194	313733	0.89	cps
Terbium	159-1	2548315	2550843	2524227	2541128	0.58	cps
Terbium	159-2	1941359	1957965	1945484	1948269	0.44	cps
Thallium	203-1	1019399	1013892	1014597	1015963	0.29	cps
Thallium	205-1	2419849	2475074	2448427	2447784	1.13	cps
Tin	118-1	1051852	1047780	1049378	1049670	0.20	cps
Titanium	47-1	1094538	1110497	1119368	1108134	1.14	cps
Uranium	238-1	3253136	3273361	3254949	3260482	0.34	cps
Vanadium	51-2	530787	540816	536188	535930	0.94	cps
Yttrium	89-1	2375197	2411938	2407378	2398171	0.84	cps
Yttrium	89-2	514863	515200	524481	518181	1.05	cps
Zinc	66-2	263297	267564	266432	265764	0.83	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:08:21	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2393157	2419246	2432509	2414971	0.83	cps
Zirconium	91-1	529446	527419	535420	530761	0.78	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:13:16	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	183	200	167	26.46	cps
Antimony	121-1	183	150	192	175	12.60	cps
Arsenic	75-2	11	8	4	8	45.81	cps
Barium	135-1	108	100	100	103	4.68	cps
Barium	137-1	167	217	250	211	19.87	cps
Beryllium	9-1	122	100	89	104	16.37	cps
Bismuth	209-1	1503874	1497618	1500600	1500697	0.21	cps
Bismuth	209-2	1323444	1323034	1322685	1323055	0.03	cps
Boron	10-1	700	933	525	719	28.48	cps
Boron	11-1	3309	3284	3409	3334	1.98	cps
Cadmium	111-1	478	489	483	484	1.12	cps
Cadmium	106-1	642	692	683	672	3.98	cps
Cadmium	108-1	0	17	17	11	86.60	cps
Calcium	43-1	642	575	767	661	14.72	cps
Calcium	44-1	14166	13423	15351	14313	6.79	cps
Chromium	52-2	903	807	823	844	6.12	cps
Cobalt	59-2	107	93	70	90	20.62	cps
Copper	63-2	1190	1057	1080	1109	6.42	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	8	0	0	3	173.21	cps
Erbium	164-2	17	3	13	11	62.48	cps
Gadolinium	160-1	25	42	17	28	45.82	cps
Gadolinium	160-2	13	20	3	12	68.66	cps
Holmium	165-1	2396745	2366836	2438199	2400593	1.49	cps
Holmium	165-2	1894337	1877634	1875096	1882356	0.56	cps
Indium	115-1	2175686	2153902	2151066	2160218	0.62	cps
Indium	115-2	635041	638354	643418	638938	0.66	cps
Iron	56-2	5112	5729	5679	5507	6.22	cps
Iron	57-2	189	178	150	172	11.63	cps
Krypton	83-1	243	340	390	324	22.98	cps
Lead	206-1	439	361	317	372	16.62	cps
Lead	207-1	333	378	461	391	16.60	cps
Lead	208-1	1656	1689	1822	1722	5.12	cps
Lithium	6-1	523419	523960	529823	525734	0.68	cps
Magnesium	24-2	475	400	458	444	8.86	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:13:16	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	77	77	70	74	5.17	cps
Molybdenum	94-1	192	133	167	164	17.86	cps
Molybdenum	95-1	58	117	267	147	73.01	cps
Molybdenum	96-1	192	125	150	156	21.65	cps
Molybdenum	97-1	242	225	183	217	13.87	cps
Molybdenum	98-1	192	125	267	194	36.45	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	137	113	127	126	9.33	cps
Phosphorus	31-2	392	458	400	417	8.72	cps
Potassium	39-2	22235	23637	22652	22841	3.15	cps
Rhodium	103-1	2079431	2165694	2102748	2115957	2.11	cps
Rhodium	103-2	1589854	1596922	1614307	1600361	0.79	cps
Scandium	45-1	1674053	1655969	1663267	1664429	0.55	cps
Scandium	45-2	89986	91079	89368	90144	0.96	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	30	38	22	30	26.67	cps
Selenium	82-1	86	-66	-125	-35	-308.48	cps
Silicon	28-1	1949074	1967110	1992949	1969711	1.12	cps
Silver	109-1	1300	1292	1225	1272	3.23	cps
Silver	107-1	1283	1442	1608	1445	11.25	cps
Sodium	23-2	24697	23954	24755	24469	1.83	cps
Strontium	86-1	467	400	383	417	10.58	cps
Strontium	88-1	175	108	208	164	31.07	cps
Sulfur	34-1	187528	188447	189639	188538	0.56	cps
Terbium	159-1	2608711	2609308	2614189	2610736	0.12	cps
Terbium	159-2	1966723	1934739	1928015	1943159	1.06	cps
Thallium	203-1	92	75	108	92	18.18	cps
Thallium	205-1	175	150	217	181	18.65	cps
Tin	118-1	192	208	242	214	11.90	cps
Titanium	47-1	1325	1483	1342	1383	6.29	cps
Uranium	238-1	75	50	100	75	33.33	cps
Vanadium	51-2	37	47	33	39	17.85	cps
Yttrium	89-1	2463747	2437013	2393729	2431496	1.45	cps
Yttrium	89-2	520619	520800	533536	524985	1.41	cps
Zinc	66-2	90	80	73	81	10.34	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:13:16	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	208	333	433	325	34.69	cps
Zirconium	91-1	42	42	67	50	28.87	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-03	Instrumnet Name :	P8
Client Sample ID :	FESB-22(1.5-2)	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:16:56	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2139519	2122548	2123674	2128581	0.45	cps
Antimony	121-1	550	567	600	572	4.45	cps
Arsenic	75-2	4952	4784	4893	4877	1.75	cps
Barium	135-1	277294	272420	264758	271491	2.33	cps
Barium	137-1	468645	461780	456443	462290	1.32	cps
Beryllium	9-1	2873	2639	2534	2682	6.47	cps
Bismuth	209-1	1579036	1571514	1558518	1569689	0.66	cps
Bismuth	209-2	1378268	1375269	1369890	1374476	0.31	cps
Boron	10-1	1300	1475	1492	1422	7.47	cps
Boron	11-1	7327	7052	7310	7230	2.13	cps
Cadmium	111-1	1916	1727	1521	1722	11.48	cps
Cadmium	106-1	1283	1150	1050	1161	10.08	cps
Cadmium	108-1	171	183	163	172	6.09	cps
Calcium	43-1	29122	29682	30734	29846	2.74	cps
Calcium	44-1	495410	500194	492157	495920	0.82	cps
Chromium	52-2	149064	149934	151294	150097	0.75	cps
Cobalt	59-2	159642	160121	158955	159573	0.37	cps
Copper	63-2	233985	237671	237028	236228	0.83	cps
Dysprosium	156-1	36476	35114	35240	35610	2.11	cps
Dysprosium	156-2	24720	24673	24814	24736	0.29	cps
Erbium	164-1	30185	28156	28248	28863	3.97	cps
Erbium	164-2	21231	21234	21528	21331	0.80	cps
Gadolinium	160-1	32767	32658	31430	32285	2.30	cps
Gadolinium	160-2	27195	27559	27756	27503	1.04	cps
Holmium	165-1	2537058	2548585	2488381	2524675	1.27	cps
Holmium	165-2	2046860	2034708	1972002	2017857	1.99	cps
Indium	115-1	2330402	2225109	2280858	2278789	2.31	cps
Indium	115-2	662328	665936	667249	665171	0.38	cps
Iron	56-2	127919228	129428350	128296303	128547960	0.61	cps
Iron	57-2	3280255	3179476	3250573	3236768	1.60	cps
Krypton	83-1	363	353	350	356	1.95	cps
Lead	206-1	233977	231024	229745	231582	0.94	cps
Lead	207-1	193845	191487	187215	190849	1.76	cps
Lead	208-1	898846	897834	877618	891432	1.34	cps
Lithium	6-1	558508	550164	546261	551644	1.13	cps
Magnesium	24-2	1619494	1670358	1654011	1647954	1.58	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-03	Instrumnet Name :	P8
Client Sample ID :	FESB-22(1.5-2)	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:16:56	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2142667	2119469	2176505	2146213	1.34	cps
Molybdenum	94-1	55823	53037	54552	54471	2.56	cps
Molybdenum	95-1	1692	1625	1300	1539	13.62	cps
Molybdenum	96-1	10579	10796	11063	10813	2.24	cps
Molybdenum	97-1	1050	1208	1092	1117	7.35	cps
Molybdenum	98-1	2284	2459	2809	2517	10.62	cps
Neodymium	150-1	55048	53529	53489	54022	1.65	cps
Neodymium	150-2	32610	33025	32046	32560	1.51	cps
Nickel	60-2	73003	72829	72494	72775	0.36	cps
Phosphorus	31-2	9120	9570	8811	9167	4.16	cps
Potassium	39-2	390539	394808	392945	392764	0.54	cps
Rhodium	103-1	2292436	2248404	2209059	2249966	1.85	cps
Rhodium	103-2	1695547	1644986	1671385	1670639	1.51	cps
Scandium	45-1	1893909	1944714	1920154	1919592	1.32	cps
Scandium	45-2	100627	103232	101288	101716	1.33	cps
Selenium	77-2	97	127	117	113	13.48	cps
Selenium	78-2	79	82	69	77	8.88	cps
Selenium	82-1	-1	43	24	22	101.45	cps
Silicon	28-1	13472851	13403066	13438060	13437992	0.26	cps
Silver	109-1	1900	1725	1742	1789	5.40	cps
Silver	107-1	1792	1984	2125	1967	8.51	cps
Sodium	23-2	72944	74955	73791	73897	1.37	cps
Strontium	86-1	30685	30559	31002	30749	0.74	cps
Strontium	88-1	267415	268556	264047	266672	0.88	cps
Sulfur	34-1	160813	154939	155824	157192	2.01	cps
Terbium	159-1	2784422	2820063	2736562	2780349	1.51	cps
Terbium	159-2	2075035	2073873	2071452	2073453	0.09	cps
Thallium	203-1	1300	1217	1483	1333	10.23	cps
Thallium	205-1	3359	3192	3251	3267	2.59	cps
Tin	118-1	1167	1100	1350	1206	10.74	cps
Titanium	47-1	102263	103605	101802	102557	0.91	cps
Uranium	238-1	27865	27021	27456	27447	1.54	cps
Vanadium	51-2	150141	150479	150293	150304	0.11	cps
Yttrium	89-1	3055922	2972949	2996734	3008535	1.42	cps
Yttrium	89-2	647931	645272	646141	646448	0.21	cps
Zinc	66-2	140381	142331	142926	141879	0.94	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-03	Instrumnet Name :	P8
Client Sample ID :	FESB-22(1.5-2)	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:16:56	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	149454	146935	145629	147339	1.32	cps
Zirconium	91-1	33266	32581	31629	32492	2.53	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3036-01	Instrumnet Name :	P8
Client Sample ID :	FESB-26(2.5-3)	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:20:33	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1349376	1380734	1404565	1378225	2.01	cps
Antimony	121-1	417	267	292	325	24.73	cps
Arsenic	75-2	2671	2770	2732	2724	1.83	cps
Barium	135-1	318030	318507	311602	316046	1.22	cps
Barium	137-1	542043	541062	535931	539679	0.61	cps
Beryllium	9-1	1689	1656	1922	1756	8.28	cps
Bismuth	209-1	1514832	1517684	1529739	1520752	0.52	cps
Bismuth	209-2	1337569	1333400	1337327	1336099	0.18	cps
Boron	10-1	1108	1142	1433	1228	14.56	cps
Boron	11-1	6260	6060	6218	6179	1.71	cps
Cadmium	111-1	978	1226	1018	1074	12.36	cps
Cadmium	106-1	1050	1375	1142	1189	14.10	cps
Cadmium	108-1	158	238	229	208	20.88	cps
Calcium	43-1	49688	46712	47907	48103	3.11	cps
Calcium	44-1	820199	789646	804893	804912	1.90	cps
Chromium	52-2	356192	349133	355292	353539	1.09	cps
Cobalt	59-2	100499	100099	101392	100663	0.66	cps
Copper	63-2	132740	135001	133618	133786	0.85	cps
Dysprosium	156-1	50181	49946	48917	49681	1.35	cps
Dysprosium	156-2	36959	37998	37838	37598	1.49	cps
Erbium	164-1	43782	43022	42930	43245	1.08	cps
Erbium	164-2	34125	33393	33309	33609	1.33	cps
Gadolinium	160-1	48097	48976	46759	47944	2.33	cps
Gadolinium	160-2	42743	43171	42733	42882	0.58	cps
Holmium	165-1	2494153	2476364	2533053	2501190	1.16	cps
Holmium	165-2	1969874	1972072	1992386	1978111	0.63	cps
Indium	115-1	2200590	2185404	2226399	2204131	0.94	cps
Indium	115-2	644555	645619	658463	649546	1.19	cps
Iron	56-2	90504833	91586033	91980877	91357247	0.84	cps
Iron	57-2	2310515	2327984	2315137	2317879	0.39	cps
Krypton	83-1	377	353	370	367	3.28	cps
Lead	206-1	70260	68925	69411	69532	0.97	cps
Lead	207-1	56983	57234	57374	57197	0.35	cps
Lead	208-1	270911	267330	265933	268058	0.96	cps
Lithium	6-1	523470	524935	538730	529045	1.59	cps
Magnesium	24-2	1462163	1465117	1487585	1471622	0.94	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3036-01	Instrumnet Name :	P8
Client Sample ID :	FESB-26(2.5-3)	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:20:33	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	340477	342527	343450	342152	0.44	cps
Molybdenum	94-1	68849	69536	68639	69008	0.68	cps
Molybdenum	95-1	1350	1575	1567	1497	8.52	cps
Molybdenum	96-1	13273	12915	13332	13173	1.71	cps
Molybdenum	97-1	1058	1025	975	1020	4.11	cps
Molybdenum	98-1	2409	2125	2350	2295	6.52	cps
Neodymium	150-1	72157	73625	70769	72184	1.98	cps
Neodymium	150-2	45221	45331	45308	45286	0.13	cps
Nickel	60-2	58847	58509	58703	58686	0.29	cps
Phosphorus	31-2	3117	3075	2900	3031	3.79	cps
Potassium	39-2	301806	303404	306999	304069	0.87	cps
Rhodium	103-1	2189778	2179801	2214846	2194808	0.82	cps
Rhodium	103-2	1620269	1613213	1632979	1622154	0.62	cps
Scandium	45-1	1820125	1814730	1855688	1830181	1.22	cps
Scandium	45-2	98220	98045	99700	98655	0.92	cps
Selenium	77-2	173	193	160	176	9.56	cps
Selenium	78-2	151	138	139	143	5.07	cps
Selenium	82-1	125	162	198	162	22.71	cps
Silicon	28-1	14162423	14274121	14374377	14270307	0.74	cps
Silver	109-1	475	600	558	544	11.69	cps
Silver	107-1	633	675	750	686	8.62	cps
Sodium	23-2	77871	77470	78935	78092	0.97	cps
Strontium	86-1	28263	28063	27578	27968	1.26	cps
Strontium	88-1	237207	241080	235382	237890	1.22	cps
Sulfur	34-1	146123	144380	144700	145068	0.64	cps
Terbium	159-1	2678255	2720971	2712895	2704040	0.84	cps
Terbium	159-2	2011969	2012735	2018976	2014560	0.19	cps
Thallium	203-1	725	783	733	747	4.22	cps
Thallium	205-1	2025	2059	2059	2047	0.94	cps
Tin	118-1	967	958	1017	981	3.22	cps
Titanium	47-1	215942	213947	217615	215835	0.85	cps
Uranium	238-1	50427	50327	48830	49861	1.79	cps
Vanadium	51-2	128519	128197	128527	128414	0.15	cps
Yttrium	89-1	3155220	3160973	3208366	3174853	0.92	cps
Yttrium	89-2	678610	684473	686973	683352	0.63	cps
Zinc	66-2	71094	71989	72210	71764	0.82	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3036-01	Instrumnet Name :	P8
Client Sample ID :	FESB-26(2.5-3)	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:20:33	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	185682	186047	185100	185610	0.26	cps
Zirconium	91-1	42032	41263	41697	41664	0.93	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3036-02	Instrumnet Name :	P8
Client Sample ID :	FEQC-DUP-052319	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:24:12	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1495612	1484007	1483433	1487684	0.46	cps
Antimony	121-1	158	192	158	169	11.36	cps
Arsenic	75-2	1769	1736	1745	1750	0.97	cps
Barium	135-1	215670	212582	213750	214001	0.73	cps
Barium	137-1	369634	363805	365086	366175	0.84	cps
Beryllium	9-1	2645	2611	2706	2654	1.81	cps
Bismuth	209-1	1510671	1506780	1498343	1505265	0.42	cps
Bismuth	209-2	1365813	1348546	1330192	1348184	1.32	cps
Boron	10-1	1467	1208	1658	1445	15.63	cps
Boron	11-1	6810	7344	7152	7102	3.81	cps
Cadmium	111-1	1602	1606	1501	1570	3.82	cps
Cadmium	106-1	1433	1417	1342	1397	3.50	cps
Cadmium	108-1	246	229	288	254	11.82	cps
Calcium	43-1	113724	113548	112264	113179	0.70	cps
Calcium	44-1	1936805	1875222	1894829	1902285	1.65	cps
Chromium	52-2	287936	285915	280931	284928	1.27	cps
Cobalt	59-2	139177	139197	139251	139208	0.03	cps
Copper	63-2	154076	152114	150667	152286	1.12	cps
Dysprosium	156-1	43198	42595	42352	42715	1.02	cps
Dysprosium	156-2	32761	31952	32403	32372	1.25	cps
Erbium	164-1	38048	36502	38800	37783	3.10	cps
Erbium	164-2	29640	29413	29022	29359	1.06	cps
Gadolinium	160-1	42888	42779	40463	42043	3.26	cps
Gadolinium	160-2	37678	36772	36187	36879	2.04	cps
Holmium	165-1	2505732	2452507	2439283	2465841	1.43	cps
Holmium	165-2	1986806	1980070	1964599	1977158	0.58	cps
Indium	115-1	2212389	2230312	2242813	2228504	0.69	cps
Indium	115-2	657603	655204	653551	655453	0.31	cps
Iron	56-2	121193708	120439786	117586169	119739888	1.59	cps
Iron	57-2	3066214	3023638	3008393	3032749	0.99	cps
Krypton	83-1	400	367	383	383	4.35	cps
Lead	206-1	70293	72656	72623	71857	1.89	cps
Lead	207-1	57993	55805	58300	57366	2.37	cps
Lead	208-1	272663	268867	272519	271350	0.79	cps
Lithium	6-1	517267	519839	519139	518748	0.26	cps
Magnesium	24-2	2166481	2177623	2164327	2169477	0.33	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3036-02	Instrumnet Name :	P8
Client Sample ID :	FEQC-DUP-052319	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:24:12	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	505313	499946	498079	501113	0.75	cps
Molybdenum	94-1	94720	92598	95189	94169	1.47	cps
Molybdenum	95-1	892	858	708	819	11.92	cps
Molybdenum	96-1	17387	16711	16669	16922	2.38	cps
Molybdenum	97-1	542	608	742	631	16.15	cps
Molybdenum	98-1	1225	1325	1117	1222	8.53	cps
Neodymium	150-1	63165	62294	61825	62428	1.09	cps
Neodymium	150-2	38797	38911	38851	38853	0.15	cps
Nickel	60-2	87352	86647	85705	86568	0.95	cps
Phosphorus	31-2	5501	5610	5593	5568	1.05	cps
Potassium	39-2	287554	285496	283600	285550	0.69	cps
Rhodium	103-1	2163942	2172522	2118009	2151491	1.36	cps
Rhodium	103-2	1654632	1666144	1641843	1654207	0.73	cps
Scandium	45-1	1871532	1850872	1873525	1865310	0.67	cps
Scandium	45-2	101896	101181	97166	100081	2.55	cps
Selenium	77-2	170	173	133	159	13.97	cps
Selenium	78-2	95	99	92	95	3.68	cps
Selenium	82-1	5	-17	1	-4	-323.28	cps
Silicon	28-1	12358953	12431084	12469238	12419758	0.45	cps
Silver	109-1	417	525	417	453	13.81	cps
Silver	107-1	592	592	533	572	5.89	cps
Sodium	23-2	83511	84634	84132	84092	0.67	cps
Strontium	86-1	30075	29507	28038	29207	3.60	cps
Strontium	88-1	245975	246128	243047	245050	0.71	cps
Sulfur	34-1	138926	138615	141922	139821	1.31	cps
Terbium	159-1	2737457	2694267	2614786	2682170	2.32	cps
Terbium	159-2	2064165	2046316	2047789	2052757	0.48	cps
Thallium	203-1	600	717	600	639	10.54	cps
Thallium	205-1	1683	1709	1692	1695	0.75	cps
Tin	118-1	1025	908	1067	1000	8.21	cps
Titanium	47-1	1082798	1085044	1090126	1085989	0.35	cps
Uranium	238-1	17120	16803	16904	16943	0.96	cps
Vanadium	51-2	153769	153026	152022	152939	0.57	cps
Yttrium	89-1	3181068	3130629	3051233	3120977	2.10	cps
Yttrium	89-2	677309	672634	678579	676174	0.46	cps
Zinc	66-2	98721	97984	96808	97838	0.99	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3036-02	Instrumnet Name :	P8
Client Sample ID :	FEQC-DUP-052319	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:24:12	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	260966	260662	256669	259432	0.92	cps
Zirconium	91-1	57379	57421	56793	57198	0.61	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-01DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-20(2.5-3)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 15:31:27	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	226212	226333	228319	226955	0.52	cps
Antimony	121-1	25	92	83	67	54.49	cps
Arsenic	75-2	225	250	250	242	5.97	cps
Barium	135-1	64457	66165	66307	65643	1.57	cps
Barium	137-1	110668	115256	113450	113125	2.04	cps
Beryllium	9-1	400	328	378	369	10.04	cps
Bismuth	209-1	1424144	1433845	1411829	1423273	0.78	cps
Bismuth	209-2	1301339	1295431	1292620	1296463	0.34	cps
Boron	10-1	383	283	342	336	14.95	cps
Boron	11-1	1500	1692	1425	1539	8.94	cps
Cadmium	111-1	457	441	314	404	19.45	cps
Cadmium	106-1	675	625	458	586	19.36	cps
Cadmium	108-1	46	13	46	35	55.42	cps
Calcium	43-1	10921	10679	10296	10632	2.97	cps
Calcium	44-1	181408	180632	183310	181783	0.76	cps
Chromium	52-2	32535	31910	32374	32273	1.01	cps
Cobalt	59-2	10074	10351	10294	10239	1.43	cps
Copper	63-2	15809	15495	16033	15779	1.71	cps
Dysprosium	156-1	9145	9037	8728	8970	2.41	cps
Dysprosium	156-2	6442	6442	6362	6415	0.72	cps
Erbium	164-1	6360	7127	6543	6677	6.00	cps
Erbium	164-2	5671	5251	4971	5298	6.65	cps
Gadolinium	160-1	8028	7744	7727	7833	2.16	cps
Gadolinium	160-2	7472	7272	7215	7320	1.84	cps
Holmium	165-1	2290907	2306579	2264845	2287444	0.92	cps
Holmium	165-2	1902991	1869255	1824410	1865552	2.11	cps
Indium	115-1	2128859	2130583	2063293	2107578	1.82	cps
Indium	115-2	630768	635315	633794	633292	0.37	cps
Iron	56-2	12704422	12700300	12515454	12640059	0.85	cps
Iron	57-2	314580	310094	312137	312271	0.72	cps
Krypton	83-1	297	327	363	329	10.15	cps
Lead	206-1	13207	12979	13118	13101	0.88	cps
Lead	207-1	10844	10816	10532	10731	1.61	cps
Lead	208-1	50723	51002	50267	50664	0.73	cps
Lithium	6-1	453111	457744	463134	457996	1.10	cps
Magnesium	24-2	117482	122347	121952	120594	2.24	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-01DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-20(2.5-3)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 15:31:27	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	29348	28977	28780	29035	0.99	cps
Molybdenum	94-1	6810	6377	6468	6552	3.49	cps
Molybdenum	95-1	58	175	67	100	65.09	cps
Molybdenum	96-1	1158	1308	1208	1225	6.23	cps
Molybdenum	97-1	208	242	208	219	8.77	cps
Molybdenum	98-1	117	125	200	147	31.18	cps
Neodymium	150-1	14942	14842	14515	14766	1.51	cps
Neodymium	150-2	9420	9924	9767	9704	2.66	cps
Nickel	60-2	5801	5818	5768	5796	0.44	cps
Phosphorus	31-2	617	733	650	667	9.01	cps
Potassium	39-2	42406	42055	41036	41832	1.70	cps
Rhodium	103-1	2068767	2075044	2114798	2086203	1.20	cps
Rhodium	103-2	1613875	1602609	1645965	1620816	1.39	cps
Scandium	45-1	1594923	1596117	1566599	1585879	1.05	cps
Scandium	45-2	90623	90053	88670	89782	1.12	cps
Selenium	77-2	27	27	23	26	7.55	cps
Selenium	78-2	45	47	54	49	9.72	cps
Selenium	82-1	-13	-28	-47	-30	-56.43	cps
Silicon	28-1	4205564	4234014	4333255	4257611	1.57	cps
Silver	109-1	242	392	317	317	23.68	cps
Silver	107-1	292	283	342	306	10.32	cps
Sodium	23-2	29013	29005	28813	28944	0.39	cps
Strontium	86-1	6493	6460	6694	6549	1.93	cps
Strontium	88-1	52702	53212	51833	52582	1.33	cps
Sulfur	34-1	137538	136798	139693	138010	1.09	cps
Terbium	159-1	2498049	2493941	2427716	2473235	1.60	cps
Terbium	159-2	1949552	1946916	1906730	1934399	1.24	cps
Thallium	203-1	150	192	150	164	14.68	cps
Thallium	205-1	317	483	383	394	21.27	cps
Tin	118-1	150	325	217	231	38.31	cps
Titanium	47-1	7969	8078	8128	8058	1.01	cps
Uranium	238-1	6510	6860	6418	6596	3.54	cps
Vanadium	51-2	41702	41321	41187	41403	0.65	cps
Yttrium	89-1	2507143	2489191	2501825	2499387	0.37	cps
Yttrium	89-2	551073	559686	551605	554121	0.87	cps
Zinc	66-2	8349	7932	8486	8256	3.49	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-01DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-20(2.5-3)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 15:31:27	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	17603	17528	17461	17531	0.40	cps
Zirconium	91-1	3792	3884	4059	3912	3.46	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 15:35:07	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	534507	541289	540785	538860	0.70	cps
Antimony	121-1	67	58	67	64	7.54	cps
Arsenic	75-2	273	260	247	260	5.00	cps
Barium	135-1	705696	696544	691348	697863	1.04	cps
Barium	137-1	1205589	1193151	1197819	1198853	0.52	cps
Beryllium	9-1	1867	1845	2072	1928	6.51	cps
Bismuth	209-1	1412189	1399823	1389068	1400360	0.83	cps
Bismuth	209-2	1281176	1288580	1293573	1287776	0.48	cps
Boron	10-1	367	383	375	375	2.22	cps
Boron	11-1	1742	1917	1900	1853	5.21	cps
Cadmium	111-1	727	698	712	712	2.05	cps
Cadmium	106-1	850	808	867	842	3.57	cps
Cadmium	108-1	50	50	58	53	9.11	cps
Calcium	43-1	21826	20875	21300	21334	2.23	cps
Calcium	44-1	359262	356097	360242	358534	0.60	cps
Chromium	52-2	83705	85026	85938	84890	1.32	cps
Cobalt	59-2	31562	32117	32033	31904	0.94	cps
Copper	63-2	29752	30113	29929	29931	0.60	cps
Dysprosium	156-1	20483	20508	21268	20753	2.15	cps
Dysprosium	156-2	15042	15436	15856	15445	2.64	cps
Erbium	164-1	18739	18797	18806	18781	0.19	cps
Erbium	164-2	14865	14829	14945	14880	0.40	cps
Gadolinium	160-1	21076	20300	19724	20366	3.33	cps
Gadolinium	160-2	17822	17308	17839	17656	1.71	cps
Holmium	165-1	2297204	2305556	2285902	2296221	0.43	cps
Holmium	165-2	1862558	1866365	1887736	1872220	0.72	cps
Indium	115-1	2086299	2106694	2059329	2084107	1.14	cps
Indium	115-2	632500	627071	629103	629558	0.44	cps
Iron	56-2	10909250	10978589	11148859	11012233	1.12	cps
Iron	57-2	271136	274124	270302	271854	0.74	cps
Krypton	83-1	330	377	320	342	8.84	cps
Lead	206-1	27892	26979	27007	27292	1.90	cps
Lead	207-1	22342	22203	22097	22214	0.55	cps
Lead	208-1	106112	104697	104636	105148	0.79	cps
Lithium	6-1	458712	455405	465692	459936	1.14	cps
Magnesium	24-2	304254	310572	303189	306005	1.30	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 15:35:07	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47112	47213	48688	47671	1.85	cps
Molybdenum	94-1	22636	23028	22953	22873	0.91	cps
Molybdenum	95-1	58	67	58	61	7.88	cps
Molybdenum	96-1	3667	3667	3609	3648	0.92	cps
Molybdenum	97-1	233	158	158	183	23.62	cps
Molybdenum	98-1	108	142	67	106	35.60	cps
Neodymium	150-1	28905	28010	27349	28088	2.78	cps
Neodymium	150-2	17919	18303	17679	17967	1.75	cps
Nickel	60-2	25841	26312	26963	26372	2.14	cps
Phosphorus	31-2	617	467	575	553	14.01	cps
Potassium	39-2	56346	55961	57794	56701	1.70	cps
Rhodium	103-1	2061851	2068524	2034261	2054879	0.88	cps
Rhodium	103-2	1575738	1551276	1573148	1566721	0.86	cps
Scandium	45-1	1626150	1649519	1639016	1638229	0.71	cps
Scandium	45-2	91425	93800	93179	92801	1.33	cps
Selenium	77-2	77	57	63	66	15.54	cps
Selenium	78-2	63	70	70	68	5.97	cps
Selenium	82-1	36	-64	15	-4	-1274.43	cps
Silicon	28-1	6930375	6792309	6857237	6859974	1.01	cps
Silver	109-1	417	275	250	314	28.64	cps
Silver	107-1	375	308	317	333	10.90	cps
Sodium	23-2	44947	44119	43918	44328	1.23	cps
Strontium	86-1	29040	28013	28238	28430	1.90	cps
Strontium	88-1	242764	236586	240174	239841	1.29	cps
Sulfur	34-1	145373	142292	144735	144133	1.13	cps
Terbium	159-1	2467114	2452190	2454490	2457932	0.33	cps
Terbium	159-2	1929297	1927015	1907378	1921230	0.63	cps
Thallium	203-1	225	283	325	278	18.08	cps
Thallium	205-1	608	433	483	508	17.73	cps
Tin	118-1	225	200	258	228	12.85	cps
Titanium	47-1	23537	24071	23988	23865	1.20	cps
Uranium	238-1	32484	32284	31641	32136	1.37	cps
Vanadium	51-2	45688	45163	45343	45398	0.59	cps
Yttrium	89-1	2674847	2734760	2727815	2712474	1.21	cps
Yttrium	89-2	597887	601355	596734	598658	0.40	cps
Zinc	66-2	24101	24111	23620	23944	1.17	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 15:35:07	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	61823	61916	61062	61600	0.76	cps
Zirconium	91-1	13390	13549	13766	13568	1.39	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 15:38:46	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	539811	528740	531658	533403	1.08	cps
Antimony	121-1	75	67	67	69	6.93	cps
Arsenic	75-2	270	261	263	265	1.79	cps
Barium	135-1	704368	702397	710890	705885	0.63	cps
Barium	137-1	1210984	1193256	1202358	1202199	0.74	cps
Beryllium	9-1	1895	1822	2000	1906	4.69	cps
Bismuth	209-1	1444724	1436109	1426196	1435677	0.65	cps
Bismuth	209-2	1259249	1338237	1333290	1310258	3.38	cps
Boron	10-1	342	392	350	361	7.42	cps
Boron	11-1	1842	2025	1800	1889	6.34	cps
Cadmium	111-1	577	654	584	605	7.00	cps
Cadmium	106-1	767	842	683	764	10.37	cps
Cadmium	108-1	79	63	33	58	39.78	cps
Calcium	43-1	22134	20190	22719	21681	6.11	cps
Calcium	44-1	360447	355625	366064	360712	1.45	cps
Chromium	52-2	83014	83168	83350	83177	0.20	cps
Cobalt	59-2	32201	30851	31459	31503	2.15	cps
Copper	63-2	29571	29752	29642	29655	0.31	cps
Dysprosium	156-1	20133	20350	21251	20578	2.88	cps
Dysprosium	156-2	15569	15439	15576	15528	0.50	cps
Erbium	164-1	20550	17929	18931	19137	6.91	cps
Erbium	164-2	15479	14922	14889	15097	2.20	cps
Gadolinium	160-1	20784	19790	19256	19944	3.89	cps
Gadolinium	160-2	17969	17292	17508	17590	1.97	cps
Holmium	165-1	2372695	2317697	2355396	2348596	1.20	cps
Holmium	165-2	1828301	1917854	1991853	1912669	4.28	cps
Indium	115-1	2121280	2117930	2127214	2122142	0.22	cps
Indium	115-2	610305	648493	652801	637200	3.67	cps
Iron	56-2	10800072	10925087	10885790	10870316	0.59	cps
Iron	57-2	269512	268661	270451	269541	0.33	cps
Krypton	83-1	393	423	323	380	13.50	cps
Lead	206-1	27285	27229	27391	27302	0.30	cps
Lead	207-1	22342	22025	21897	22088	1.04	cps
Lead	208-1	105985	105238	104022	105082	0.94	cps
Lithium	6-1	478364	473081	479672	477039	0.73	cps
Magnesium	24-2	306813	304058	301680	304184	0.84	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 15:38:46	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	46086	46551	46005	46214	0.64	cps
Molybdenum	94-1	23312	22152	22544	22669	2.60	cps
Molybdenum	95-1	33	33	92	53	63.82	cps
Molybdenum	96-1	4209	4034	3859	4034	4.34	cps
Molybdenum	97-1	175	192	200	189	6.74	cps
Molybdenum	98-1	92	125	175	131	32.13	cps
Neodymium	150-1	28084	28218	27683	27995	0.99	cps
Neodymium	150-2	17702	17912	17659	17758	0.76	cps
Nickel	60-2	26469	26101	26038	26202	0.89	cps
Phosphorus	31-2	583	683	717	661	10.50	cps
Potassium	39-2	56539	57241	56924	56901	0.62	cps
Rhodium	103-1	2126800	2125028	2115707	2122512	0.28	cps
Rhodium	103-2	1555983	1641340	1644559	1613961	3.11	cps
Scandium	45-1	1664702	1671843	1732066	1689537	2.19	cps
Scandium	45-2	90123	95656	96847	94209	3.81	cps
Selenium	77-2	53	57	47	52	9.75	cps
Selenium	78-2	65	71	49	62	18.44	cps
Selenium	82-1	-63	-69	40	-31	-196.90	cps
Silicon	28-1	7044450	7095558	6999254	7046421	0.68	cps
Silver	109-1	292	300	342	311	8.61	cps
Silver	107-1	367	283	267	306	17.53	cps
Sodium	23-2	44671	44579	43977	44409	0.85	cps
Strontium	86-1	27929	28430	27779	28046	1.22	cps
Strontium	88-1	243035	239079	241834	241316	0.84	cps
Sulfur	34-1	141459	143176	143665	142767	0.81	cps
Terbium	159-1	2570964	2532637	2511621	2538407	1.19	cps
Terbium	159-2	1883212	2011011	1978227	1957483	3.39	cps
Thallium	203-1	267	308	292	289	7.26	cps
Thallium	205-1	600	675	558	611	9.67	cps
Tin	118-1	217	258	183	219	17.12	cps
Titanium	47-1	24413	25298	26419	25377	3.96	cps
Uranium	238-1	31800	31841	31090	31577	1.34	cps
Vanadium	51-2	45273	45708	44704	45228	1.11	cps
Yttrium	89-1	2801120	2720241	2767666	2763009	1.47	cps
Yttrium	89-2	585647	612026	616401	604692	2.75	cps
Zinc	66-2	23126	23193	22809	23043	0.89	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 15:38:46	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	62644	61858	61121	61874	1.23	cps
Zirconium	91-1	13641	13841	13273	13585	2.12	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-05-29 15:42:26	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	106128	107615	106564	106769	0.72	cps
Antimony	121-1	42	33	8	28	62.46	cps
Arsenic	75-2	62	55	41	53	20.31	cps
Barium	135-1	139890	140067	140429	140129	0.20	cps
Barium	137-1	240892	243233	238210	240779	1.04	cps
Beryllium	9-1	406	361	489	419	15.50	cps
Bismuth	209-1	1449955	1441447	1423899	1438434	0.92	cps
Bismuth	209-2	1174355	1298755	1306081	1259730	5.88	cps
Boron	10-1	208	208	275	231	16.69	cps
Boron	11-1	933	1033	1050	1006	6.28	cps
Cadmium	111-1	407	481	509	466	11.28	cps
Cadmium	106-1	550	650	692	631	11.55	cps
Cadmium	108-1	4	17	13	11	57.27	cps
Calcium	43-1	4593	4768	4784	4715	2.25	cps
Calcium	44-1	84126	83766	83389	83760	0.44	cps
Chromium	52-2	17294	17000	16997	17097	1.00	cps
Cobalt	59-2	6345	6352	6562	6419	1.92	cps
Copper	63-2	8059	8429	7646	8045	4.87	cps
Dysprosium	156-1	4059	3792	3959	3937	3.42	cps
Dysprosium	156-2	3360	3037	3110	3169	5.35	cps
Erbium	164-1	3726	4309	3434	3823	11.66	cps
Erbium	164-2	2937	3034	2977	2983	1.63	cps
Gadolinium	160-1	4084	3817	4217	4040	5.04	cps
Gadolinium	160-2	3767	3644	3441	3617	4.56	cps
Holmium	165-1	2329317	2312036	2309508	2316954	0.47	cps
Holmium	165-2	1681099	1890097	1847407	1806201	6.11	cps
Indium	115-1	2123843	2125150	2088794	2112595	0.98	cps
Indium	115-2	568389	626990	635220	610200	5.97	cps
Iron	56-2	2276262	2246682	2215968	2246304	1.34	cps
Iron	57-2	54194	55120	53659	54324	1.36	cps
Krypton	83-1	410	307	317	344	16.55	cps
Lead	206-1	5407	5240	5568	5405	3.03	cps
Lead	207-1	4579	4462	4807	4616	3.80	cps
Lead	208-1	21786	21458	22008	21750	1.27	cps
Lithium	6-1	468644	470972	478235	472617	1.06	cps
Magnesium	24-2	60905	60437	61525	60956	0.90	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-05-29 15:42:26	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9246	9196	9537	9327	1.97	cps
Molybdenum	94-1	4326	4301	4493	4373	2.38	cps
Molybdenum	95-1	33	17	25	25	33.32	cps
Molybdenum	96-1	742	792	917	817	11.04	cps
Molybdenum	97-1	192	167	125	161	20.90	cps
Molybdenum	98-1	92	33	25	50	72.65	cps
Neodymium	150-1	5681	5628	5848	5719	2.01	cps
Neodymium	150-2	3567	3551	3340	3486	3.62	cps
Nickel	60-2	5548	5298	5161	5336	3.68	cps
Phosphorus	31-2	375	475	400	417	12.49	cps
Potassium	39-2	28721	27978	28471	28390	1.33	cps
Rhodium	103-1	2074303	2114440	2091173	2093305	0.96	cps
Rhodium	103-2	1408341	1574958	1580806	1521368	6.44	cps
Scandium	45-1	1640631	1583413	1619630	1614558	1.79	cps
Scandium	45-2	78627	88959	90378	85988	7.46	cps
Selenium	77-2	10	27	13	17	52.93	cps
Selenium	78-2	48	51	37	45	16.27	cps
Selenium	82-1	-116	17	-15	-38	-183.09	cps
Silicon	28-1	2921513	2967105	2943715	2944111	0.77	cps
Silver	109-1	108	133	117	119	10.66	cps
Silver	107-1	158	117	67	114	40.30	cps
Sodium	23-2	23369	23253	23737	23453	1.08	cps
Strontium	86-1	5993	5885	5610	5829	3.39	cps
Strontium	88-1	48286	47751	46847	47628	1.53	cps
Sulfur	34-1	136040	135796	138473	136770	1.08	cps
Terbium	159-1	2534831	2542627	2477736	2518398	1.41	cps
Terbium	159-2	1747265	1917932	1943792	1869663	5.71	cps
Thallium	203-1	100	117	92	103	12.39	cps
Thallium	205-1	183	167	208	186	11.27	cps
Tin	118-1	117	125	92	111	15.61	cps
Titanium	47-1	5668	6101	5976	5915	3.77	cps
Uranium	238-1	6260	6277	6127	6221	1.32	cps
Vanadium	51-2	8926	9130	9226	9094	1.68	cps
Yttrium	89-1	2447825	2429713	2493317	2456952	1.33	cps
Yttrium	89-2	483733	537065	539480	520093	6.06	cps
Zinc	66-2	4554	4587	4708	4616	1.75	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-05-29 15:42:26	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11864	11522	12306	11897	3.30	cps
Zirconium	91-1	2825	2625	2692	2714	3.75	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-04DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 15:46:06	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	634828	637465	638488	636927	0.30	cps
Antimony	121-1	117428	118632	118706	118255	0.61	cps
Arsenic	75-2	20494	20673	20650	20606	0.47	cps
Barium	135-1	976820	975225	988230	980092	0.72	cps
Barium	137-1	1721911	1706679	1700906	1709832	0.63	cps
Beryllium	9-1	60371	60197	60215	60261	0.16	cps
Bismuth	209-1	1474232	1473971	1463602	1470602	0.41	cps
Bismuth	209-2	1329221	1322779	1318608	1323536	0.40	cps
Boron	10-1	6852	7269	7377	7166	3.87	cps
Boron	11-1	35260	34643	34951	34951	0.88	cps
Cadmium	111-1	70415	69246	68026	69229	1.73	cps
Cadmium	106-1	8036	7752	8103	7964	2.33	cps
Cadmium	108-1	5022	5068	5026	5039	0.50	cps
Calcium	43-1	107367	108627	106704	107566	0.91	cps
Calcium	44-1	1799000	1836744	1773106	1802950	1.78	cps
Chromium	52-2	207607	207108	209338	208017	0.56	cps
Cobalt	59-2	228555	232417	233367	231447	1.10	cps
Copper	63-2	345053	346187	347107	346116	0.30	cps
Dysprosium	156-1	20800	20375	20959	20711	1.46	cps
Dysprosium	156-2	15826	15796	15533	15718	1.03	cps
Erbium	164-1	18664	19006	19448	19039	2.07	cps
Erbium	164-2	15252	14869	14778	14966	1.68	cps
Gadolinium	160-1	19657	20500	20341	20166	2.22	cps
Gadolinium	160-2	18259	18166	18390	18272	0.61	cps
Holmium	165-1	2388402	2393125	2358705	2380077	0.78	cps
Holmium	165-2	1927553	1955863	1888900	1924106	1.75	cps
Indium	115-1	2131974	2174632	2113015	2139874	1.47	cps
Indium	115-2	642824	640805	637582	640404	0.41	cps
Iron	56-2	17016745	17111365	17105165	17077758	0.31	cps
Iron	57-2	416560	420038	426678	421092	1.22	cps
Krypton	83-1	360	340	353	351	2.90	cps
Lead	206-1	185820	186051	184080	185317	0.58	cps
Lead	207-1	157644	158897	156725	157755	0.69	cps
Lead	208-1	726461	731586	722817	726955	0.61	cps
Lithium	6-1	489287	491599	488946	489944	0.29	cps
Magnesium	24-2	1013623	1002155	1001925	1005901	0.66	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-04DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 15:46:06	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	189255	189212	191845	190104	0.79	cps
Molybdenum	94-1	560333	568239	560792	563121	0.79	cps
Molybdenum	95-1	685127	689702	685494	686774	0.37	cps
Molybdenum	96-1	755584	756902	764113	758866	0.61	cps
Molybdenum	97-1	423734	426269	425448	425151	0.30	cps
Molybdenum	98-1	1091639	1092050	1076444	1086711	0.82	cps
Neodymium	150-1	28992	29387	29447	29275	0.84	cps
Neodymium	150-2	18453	18016	18857	18442	2.28	cps
Nickel	60-2	79402	79019	80340	79587	0.85	cps
Phosphorus	31-2	583	717	533	611	15.51	cps
Potassium	39-2	453781	449909	457976	453889	0.89	cps
Rhodium	103-1	2086403	2086400	2114350	2095717	0.77	cps
Rhodium	103-2	1633142	1605219	1627296	1621886	0.91	cps
Scandium	45-1	1699114	1742013	1742120	1727749	1.44	cps
Scandium	45-2	95160	94424	97810	95798	1.86	cps
Selenium	77-2	360	350	343	351	2.39	cps
Selenium	78-2	1139	1107	1114	1120	1.50	cps
Selenium	82-1	4266	4306	4207	4260	1.17	cps
Silicon	28-1	6023859	6191918	6085027	6100268	1.39	cps
Silver	109-1	289393	293818	286154	289789	1.33	cps
Silver	107-1	305445	305353	306633	305810	0.23	cps
Sodium	23-2	1618887	1573248	1611467	1601201	1.53	cps
Strontium	86-1	108873	108579	109813	109088	0.59	cps
Strontium	88-1	944438	939209	940032	941226	0.30	cps
Sulfur	34-1	147756	147252	149280	148096	0.71	cps
Terbium	159-1	2554478	2587748	2515870	2552699	1.41	cps
Terbium	159-2	2033228	2034336	1997493	2021686	1.04	cps
Thallium	203-1	177320	177398	175563	176760	0.59	cps
Thallium	205-1	430729	429775	429609	430037	0.14	cps
Tin	118-1	160914	160377	160383	160558	0.19	cps
Titanium	47-1	238975	241738	242178	240964	0.72	cps
Uranium	238-1	612340	608035	599796	606724	1.05	cps
Vanadium	51-2	146503	145402	147599	146501	0.75	cps
Yttrium	89-1	2793610	2789324	2812335	2798423	0.44	cps
Yttrium	89-2	615527	612363	616701	614864	0.36	cps
Zinc	66-2	76432	76650	76784	76622	0.23	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-04DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 15:46:06	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	473355	469149	477665	473390	0.90	cps
Zirconium	91-1	102971	104851	105456	104426	1.24	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-05DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 15:49:44	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	576170	575496	591365	581010	1.54	cps
Antimony	121-1	137736	138569	136094	137466	0.92	cps
Arsenic	75-2	22507	22876	22848	22744	0.90	cps
Barium	135-1	931936	928074	925891	928634	0.33	cps
Barium	137-1	1599593	1617480	1585566	1600880	1.00	cps
Beryllium	9-1	67519	66871	66185	66858	1.00	cps
Bismuth	209-1	1494440	1487200	1474727	1485456	0.67	cps
Bismuth	209-2	1337309	1314597	1338396	1330101	1.01	cps
Boron	10-1	7444	6969	7285	7233	3.35	cps
Boron	11-1	34885	36004	35611	35500	1.60	cps
Cadmium	111-1	76931	77846	76327	77035	0.99	cps
Cadmium	106-1	8495	8886	8962	8781	2.86	cps
Cadmium	108-1	5710	5459	5472	5547	2.54	cps
Calcium	43-1	106512	109442	105959	107305	1.74	cps
Calcium	44-1	1810181	1802210	1785436	1799276	0.70	cps
Chromium	52-2	211228	210493	215002	212241	1.14	cps
Cobalt	59-2	246314	249586	251839	249246	1.11	cps
Copper	63-2	341897	342218	345058	343057	0.51	cps
Dysprosium	156-1	20433	20324	19849	20202	1.54	cps
Dysprosium	156-2	15032	15136	14859	15009	0.93	cps
Erbium	164-1	19190	18522	18981	18897	1.81	cps
Erbium	164-2	14064	14652	14475	14397	2.09	cps
Gadolinium	160-1	19223	18547	18948	18906	1.80	cps
Gadolinium	160-2	16928	17362	17408	17233	1.54	cps
Holmium	165-1	2425570	2412645	2457649	2431955	0.95	cps
Holmium	165-2	1955933	1909809	1961946	1942562	1.47	cps
Indium	115-1	2171935	2180063	2168895	2173631	0.27	cps
Indium	115-2	645709	642550	649501	645920	0.54	cps
Iron	56-2	15946906	15692003	16216479	15951796	1.64	cps
Iron	57-2	387022	397568	396275	393622	1.46	cps
Krypton	83-1	387	360	363	370	3.93	cps
Lead	206-1	202256	198949	200116	200440	0.84	cps
Lead	207-1	171864	170624	170410	170966	0.46	cps
Lead	208-1	792097	786527	786519	788381	0.41	cps
Lithium	6-1	496484	497537	505877	499966	1.03	cps
Magnesium	24-2	970552	976561	988903	978672	0.96	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-05DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 15:49:44	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	184866	183974	185483	184774	0.41	cps
Molybdenum	94-1	578609	585384	572415	578803	1.12	cps
Molybdenum	95-1	703999	689946	687431	693792	1.29	cps
Molybdenum	96-1	776255	771232	769824	772437	0.44	cps
Molybdenum	97-1	429910	425266	427399	427525	0.54	cps
Molybdenum	98-1	1111387	1098078	1099073	1102846	0.67	cps
Neodymium	150-1	27730	27482	27295	27502	0.79	cps
Neodymium	150-2	17705	18042	17485	17744	1.58	cps
Nickel	60-2	84789	84816	84907	84838	0.07	cps
Phosphorus	31-2	592	600	617	603	2.11	cps
Potassium	39-2	439126	441722	447325	442725	0.95	cps
Rhodium	103-1	2115924	2090674	2102715	2103104	0.60	cps
Rhodium	103-2	1648480	1605680	1600538	1618233	1.63	cps
Scandium	45-1	1739269	1764274	1706340	1736627	1.67	cps
Scandium	45-2	94397	95981	95911	95430	0.94	cps
Selenium	77-2	370	427	367	388	8.70	cps
Selenium	78-2	1078	1194	1151	1141	5.14	cps
Selenium	82-1	4695	4824	4671	4730	1.74	cps
Silicon	28-1	5637921	5526142	5675912	5613325	1.39	cps
Silver	109-1	319113	313460	318034	316869	0.95	cps
Silver	107-1	341864	339976	335861	339234	0.90	cps
Sodium	23-2	1590167	1557678	1611272	1586372	1.70	cps
Strontium	86-1	116879	117006	117570	117151	0.31	cps
Strontium	88-1	1032716	1007236	1017711	1019221	1.26	cps
Sulfur	34-1	151292	152875	150357	151508	0.84	cps
Terbium	159-1	2648776	2557462	2593841	2600026	1.77	cps
Terbium	159-2	2008073	2023305	1997298	2009559	0.65	cps
Thallium	203-1	198707	196464	196704	197291	0.62	cps
Thallium	205-1	478993	470458	475259	474903	0.90	cps
Tin	118-1	162677	166345	162915	163979	1.25	cps
Titanium	47-1	224509	221880	225714	224034	0.87	cps
Uranium	238-1	668684	666206	665820	666904	0.23	cps
Vanadium	51-2	151142	152867	153043	152350	0.69	cps
Yttrium	89-1	2790146	2801700	2783910	2791918	0.32	cps
Yttrium	89-2	611858	608679	613252	611263	0.38	cps
Zinc	66-2	73644	75427	75903	74991	1.59	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-05DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 15:49:44	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	504084	511080	505828	506997	0.72	cps
Zirconium	91-1	112789	111446	110034	111423	1.24	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:54:55	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1459619	1484339	1500310	1481423	1.38	cps
Antimony	121-1	1586911	1636919	1621230	1615020	1.58	cps
Arsenic	75-2	116129	116112	116214	116152	0.05	cps
Barium	135-1	1571001	1577293	1587829	1578708	0.54	cps
Barium	137-1	2717472	2725608	2758154	2733745	0.79	cps
Beryllium	9-1	324871	334153	330975	330000	1.43	cps
Bismuth	209-1	1402307	1407390	1405444	1405047	0.18	cps
Bismuth	209-2	1263775	1257850	1259108	1260244	0.25	cps
Boron	10-1	36539	37725	38410	37558	2.52	cps
Boron	11-1	178633	184819	186430	183294	2.25	cps
Cadmium	111-1	366793	365229	363008	365010	0.52	cps
Cadmium	106-1	37544	38998	38881	38475	2.10	cps
Cadmium	108-1	26927	27044	26326	26766	1.44	cps
Calcium	43-1	2187582	2116673	2185857	2163371	1.87	cps
Calcium	44-1	35763520	35150614	34901073	35271736	1.26	cps
Chromium	52-2	663676	654029	661927	659877	0.78	cps
Cobalt	59-2	1042614	1051599	1058344	1050852	0.75	cps
Copper	63-2	1491306	1482257	1499079	1490881	0.56	cps
Dysprosium	156-1	17	58	58	44	54.12	cps
Dysprosium	156-2	13	13	13	13	0.00	cps
Erbium	164-1	0	25	8	11	114.58	cps
Erbium	164-2	13	10	7	10	33.30	cps
Gadolinium	160-1	25	0	17	14	91.65	cps
Gadolinium	160-2	23	13	13	17	34.65	cps
Holmium	165-1	2354679	2367028	2323508	2348405	0.96	cps
Holmium	165-2	1912387	1885027	1886618	1894677	0.81	cps
Indium	115-1	2090305	2116250	2064178	2090244	1.25	cps
Indium	115-2	611918	602929	611863	608904	0.85	cps
Iron	56-2	126847250	125884589	127975511	126902450	0.82	cps
Iron	57-2	3195595	3158942	3186622	3180386	0.60	cps
Krypton	83-1	310	337	333	327	4.45	cps
Lead	206-1	815199	821569	811934	816234	0.60	cps
Lead	207-1	735558	735922	742313	737931	0.51	cps
Lead	208-1	3380452	3379050	3388195	3382566	0.15	cps
Lithium	6-1	485545	496739	498901	493728	1.45	cps
Magnesium	24-2	16847856	17017192	16931107	16932051	0.50	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:54:55	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	682966	681036	689149	684384	0.62	cps
Molybdenum	94-1	2861062	2881198	2831007	2857756	0.88	cps
Molybdenum	95-1	3483768	3530856	3518914	3511179	0.70	cps
Molybdenum	96-1	3904581	3945272	3934224	3928026	0.54	cps
Molybdenum	97-1	2268103	2243662	2206512	2239426	1.38	cps
Molybdenum	98-1	5652917	5662557	5536851	5617441	1.25	cps
Neodymium	150-1	73	80	67	73	9.09	cps
Neodymium	150-2	27	40	30	32	21.53	cps
Nickel	60-2	284073	280206	281547	281942	0.70	cps
Phosphorus	31-2	25173	24038	25164	24792	2.63	cps
Potassium	39-2	9719568	9770150	9728378	9739365	0.28	cps
Rhodium	103-1	1994049	1973520	1958925	1975498	0.89	cps
Rhodium	103-2	1503500	1478757	1481190	1487816	0.92	cps
Scandium	45-1	1632770	1658273	1664555	1651866	1.02	cps
Scandium	45-2	92448	90412	90613	91157	1.23	cps
Selenium	77-2	1793	1710	1670	1725	3.65	cps
Selenium	78-2	5631	5732	5731	5698	1.02	cps
Selenium	82-1	24624	24548	24249	24474	0.81	cps
Silicon	28-1	2687927	2672726	2757274	2705976	1.67	cps
Silver	109-1	1645674	1620506	1607836	1624672	1.19	cps
Silver	107-1	1687864	1683219	1696819	1689301	0.41	cps
Sodium	23-2	34255475	34182200	34012989	34150221	0.36	cps
Strontium	86-1	439289	442299	437951	439846	0.51	cps
Strontium	88-1	3737341	3822561	3820519	3793474	1.28	cps
Sulfur	34-1	308335	313014	318580	313309	1.64	cps
Terbium	159-1	2556567	2588363	2576424	2573785	0.62	cps
Terbium	159-2	1933262	1900210	1929705	1921059	0.94	cps
Thallium	203-1	1009221	1013114	1011299	1011211	0.19	cps
Thallium	205-1	2437284	2477226	2403005	2439172	1.52	cps
Tin	118-1	1042303	1041845	1038483	1040877	0.20	cps
Titanium	47-1	1094563	1090172	1109041	1097926	0.90	cps
Uranium	238-1	3207123	3254913	3264460	3242165	0.95	cps
Vanadium	51-2	537472	538831	538197	538167	0.13	cps
Yttrium	89-1	2417611	2454239	2417530	2429793	0.87	cps
Yttrium	89-2	525136	520770	519130	521679	0.60	cps
Zinc	66-2	266256	264044	266258	265519	0.48	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:54:55	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2403884	2412872	2431570	2416108	0.58	cps
Zirconium	91-1	531166	529201	526029	528798	0.49	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:58:30	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	142	75	103	33.76	cps
Antimony	121-1	308	225	250	261	16.38	cps
Arsenic	75-2	8	8	9	8	6.93	cps
Barium	135-1	58	42	17	39	53.92	cps
Barium	137-1	158	83	83	108	39.97	cps
Beryllium	9-1	106	67	89	87	22.42	cps
Bismuth	209-1	1481762	1489270	1337419	1436151	5.96	cps
Bismuth	209-2	1324878	1325142	1331363	1327128	0.28	cps
Boron	10-1	650	508	558	572	12.56	cps
Boron	11-1	2850	2584	2925	2786	6.45	cps
Cadmium	111-1	342	388	447	392	13.46	cps
Cadmium	106-1	458	533	625	539	15.49	cps
Cadmium	108-1	0	8	4	4	99.96	cps
Calcium	43-1	800	550	600	650	20.35	cps
Calcium	44-1	13916	14057	14374	14116	1.66	cps
Chromium	52-2	757	840	733	777	7.22	cps
Cobalt	59-2	97	43	73	71	37.60	cps
Copper	63-2	973	957	1053	994	5.20	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	25	33	0	19	89.21	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	8	8	58	25	115.49	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	2378869	2383330	2124235	2295478	6.46	cps
Holmium	165-2	1901416	1891991	1929989	1907799	1.04	cps
Indium	115-1	2185762	2142790	1960539	2096364	5.70	cps
Indium	115-2	642190	637751	648661	642867	0.85	cps
Iron	56-2	3895	3217	2867	3326	15.71	cps
Iron	57-2	106	128	67	100	30.93	cps
Krypton	83-1	357	330	363	350	5.04	cps
Lead	206-1	489	444	394	443	10.68	cps
Lead	207-1	450	478	394	441	9.63	cps
Lead	208-1	1872	1867	1656	1798	6.87	cps
Lithium	6-1	510637	516573	482242	503151	3.65	cps
Magnesium	24-2	283	217	275	258	14.06	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:58:30	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	70	33	57	35.79	cps
Molybdenum	94-1	167	217	50	144	59.21	cps
Molybdenum	95-1	58	108	83	83	30.00	cps
Molybdenum	96-1	142	133	133	136	3.53	cps
Molybdenum	97-1	242	233	150	208	24.33	cps
Molybdenum	98-1	183	167	100	150	29.40	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	133	157	117	136	14.82	cps
Phosphorus	31-2	325	342	425	364	14.72	cps
Potassium	39-2	22969	23311	23896	23392	2.00	cps
Rhodium	103-1	2152236	2091373	1914411	2052673	6.02	cps
Rhodium	103-2	1631340	1615898	1632620	1626619	0.57	cps
Scandium	45-1	1685648	1622660	1551098	1619802	4.16	cps
Scandium	45-2	90747	91133	92595	91492	1.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	28	39	27	31	21.25	cps
Selenium	82-1	-67	-2	-63	-44	-82.93	cps
Silicon	28-1	1985643	2014073	1989962	1996559	0.77	cps
Silver	109-1	633	442	425	500	23.17	cps
Silver	107-1	558	450	542	517	11.29	cps
Sodium	23-2	24764	25114	24856	24911	0.73	cps
Strontium	86-1	508	542	433	494	11.22	cps
Strontium	88-1	133	167	83	128	32.82	cps
Sulfur	34-1	185264	187049	185724	186012	0.50	cps
Terbium	159-1	2548140	2598177	2320688	2489002	5.94	cps
Terbium	159-2	1959022	1947885	1972675	1959860	0.63	cps
Thallium	203-1	117	92	100	103	12.39	cps
Thallium	205-1	242	250	217	236	7.35	cps
Tin	118-1	267	283	175	242	24.14	cps
Titanium	47-1	1383	1525	1500	1470	5.15	cps
Uranium	238-1	83	67	33	61	41.67	cps
Vanadium	51-2	23	37	7	22	67.63	cps
Yttrium	89-1	2389797	2375987	2153510	2306431	5.75	cps
Yttrium	89-2	531963	529886	535128	532326	0.50	cps
Zinc	66-2	77	83	80	80	4.16	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 15:58:30	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	250	192	150	197	25.47	cps
Zirconium	91-1	75	50	42	56	31.22	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 16:02:10	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	623475	622063	622345	622628	0.12	cps
Antimony	121-1	123062	123970	120448	122493	1.49	cps
Arsenic	75-2	21333	21201	21851	21462	1.60	cps
Barium	135-1	951765	955157	950013	952312	0.27	cps
Barium	137-1	1654367	1654899	1620595	1643287	1.20	cps
Beryllium	9-1	65269	66899	65046	65738	1.54	cps
Bismuth	209-1	1476150	1486788	1459418	1474119	0.94	cps
Bismuth	209-2	1330558	1322282	1319378	1324073	0.44	cps
Boron	10-1	7152	7836	7527	7505	4.56	cps
Boron	11-1	36998	37533	38043	37525	1.39	cps
Cadmium	111-1	72020	73456	71951	72476	1.17	cps
Cadmium	106-1	8353	8445	8478	8425	0.77	cps
Cadmium	108-1	5247	5130	5184	5187	1.13	cps
Calcium	43-1	110062	107736	108979	108926	1.07	cps
Calcium	44-1	1789671	1802669	1821567	1804636	0.89	cps
Chromium	52-2	204705	209778	207185	207223	1.22	cps
Cobalt	59-2	235854	236079	235333	235756	0.16	cps
Copper	63-2	341785	344136	344939	343620	0.48	cps
Dysprosium	156-1	21001	20007	20274	20427	2.52	cps
Dysprosium	156-2	16027	15399	15402	15609	2.31	cps
Erbium	164-1	18655	18781	18814	18750	0.45	cps
Erbium	164-2	14748	14642	14555	14648	0.66	cps
Gadolinium	160-1	19457	19774	19732	19654	0.88	cps
Gadolinium	160-2	17762	17338	17722	17608	1.33	cps
Holmium	165-1	2425081	2356061	2361641	2380927	1.61	cps
Holmium	165-2	1951164	1941984	1931170	1941439	0.52	cps
Indium	115-1	2106224	2125433	2110353	2114003	0.48	cps
Indium	115-2	639823	641985	635346	639051	0.53	cps
Iron	56-2	16573529	16775873	16836998	16728800	0.82	cps
Iron	57-2	411575	410569	415504	412549	0.63	cps
Krypton	83-1	320	350	347	339	4.85	cps
Lead	206-1	192230	188700	187657	189529	1.26	cps
Lead	207-1	164839	165580	161484	163968	1.33	cps
Lead	208-1	755799	752158	743925	750627	0.81	cps
Lithium	6-1	512028	510364	509500	510631	0.25	cps
Magnesium	24-2	1012705	994110	1002666	1003160	0.93	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 16:02:10	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	185680	189547	188462	187896	1.06	cps
Molybdenum	94-1	555916	558659	559646	558074	0.35	cps
Molybdenum	95-1	678153	674080	675903	676046	0.30	cps
Molybdenum	96-1	756076	765652	747113	756280	1.23	cps
Molybdenum	97-1	421724	422136	418416	420758	0.48	cps
Molybdenum	98-1	1094379	1072897	1075314	1080863	1.09	cps
Neodymium	150-1	27282	27562	28331	27725	1.96	cps
Neodymium	150-2	17845	17966	17739	17850	0.64	cps
Nickel	60-2	81191	81433	81791	81472	0.37	cps
Phosphorus	31-2	492	533	633	553	13.17	cps
Potassium	39-2	446392	452494	450656	449847	0.70	cps
Rhodium	103-1	2092912	2048331	2103568	2081604	1.41	cps
Rhodium	103-2	1563071	1587661	1572954	1574562	0.79	cps
Scandium	45-1	1702188	1750670	1733185	1728681	1.42	cps
Scandium	45-2	94578	95307	96666	95517	1.11	cps
Selenium	77-2	397	433	367	399	8.37	cps
Selenium	78-2	1116	1174	1126	1139	2.72	cps
Selenium	82-1	4451	4395	4375	4407	0.89	cps
Silicon	28-1	6340256	6336862	6267646	6314921	0.65	cps
Silver	109-1	298847	299358	297564	298590	0.31	cps
Silver	107-1	313470	316066	315233	314923	0.42	cps
Sodium	23-2	1602096	1600495	1601138	1601243	0.05	cps
Strontium	86-1	112234	111014	109578	110942	1.20	cps
Strontium	88-1	971073	966047	960576	965899	0.54	cps
Sulfur	34-1	184767	183848	182125	183580	0.73	cps
Terbium	159-1	2557094	2576810	2511375	2548426	1.32	cps
Terbium	159-2	1991836	1982250	2006435	1993507	0.61	cps
Thallium	203-1	187836	187301	185201	186779	0.75	cps
Thallium	205-1	454851	444142	446955	448649	1.24	cps
Tin	118-1	159828	159515	155080	158141	1.68	cps
Titanium	47-1	232117	234314	238019	234817	1.27	cps
Uranium	238-1	641063	636644	617453	631720	1.99	cps
Vanadium	51-2	148872	147746	149529	148715	0.61	cps
Yttrium	89-1	2804423	2759480	2727799	2763901	1.39	cps
Yttrium	89-2	607071	607748	602885	605902	0.43	cps
Zinc	66-2	76107	76308	76422	76279	0.21	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 16:02:10	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	476385	476485	470372	474414	0.74	cps
Zirconium	91-1	104357	105413	104926	104899	0.50	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-03DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-22(1.5-2)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 16:05:48	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	410837	405989	407102	407976	0.62	cps
Antimony	121-1	292	183	192	222	27.13	cps
Arsenic	75-2	943	896	900	913	2.85	cps
Barium	135-1	50087	49894	49125	49702	1.02	cps
Barium	137-1	85433	85216	84703	85117	0.44	cps
Beryllium	9-1	561	594	522	559	6.46	cps
Bismuth	209-1	1472274	1440750	1441995	1451673	1.23	cps
Bismuth	209-2	1292975	1295850	1281072	1289966	0.61	cps
Boron	10-1	567	483	450	500	12.02	cps
Boron	11-1	2825	2900	2684	2803	3.93	cps
Cadmium	111-1	635	737	664	679	7.69	cps
Cadmium	106-1	683	808	742	744	8.40	cps
Cadmium	108-1	38	42	25	35	24.98	cps
Calcium	43-1	5568	5885	6210	5888	5.45	cps
Calcium	44-1	101860	100794	101650	101435	0.56	cps
Chromium	52-2	29504	29635	28846	29328	1.44	cps
Cobalt	59-2	30226	30346	30500	30358	0.45	cps
Copper	63-2	45651	45310	44872	45278	0.86	cps
Dysprosium	156-1	6610	6493	6593	6566	0.96	cps
Dysprosium	156-2	4718	4641	4541	4633	1.91	cps
Erbium	164-1	5351	5059	5001	5137	3.65	cps
Erbium	164-2	3871	4217	3891	3993	4.88	cps
Gadolinium	160-1	5751	5993	5985	5910	2.32	cps
Gadolinium	160-2	5171	4981	5004	5052	2.05	cps
Holmium	165-1	2336733	2363810	2321709	2340751	0.91	cps
Holmium	165-2	1894204	1833424	1896425	1874684	1.91	cps
Indium	115-1	2081353	2131865	2150751	2121323	1.69	cps
Indium	115-2	636995	631990	628777	632587	0.65	cps
Iron	56-2	24670647	24547533	24764260	24660813	0.44	cps
Iron	57-2	607822	605966	608853	607547	0.24	cps
Krypton	83-1	340	317	330	329	3.56	cps
Lead	206-1	42075	42287	42014	42125	0.34	cps
Lead	207-1	35449	34625	35099	35058	1.18	cps
Lead	208-1	165935	163930	162319	164061	1.10	cps
Lithium	6-1	483865	484580	490745	486397	0.78	cps
Magnesium	24-2	311750	301672	305953	306458	1.65	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-03DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-22(1.5-2)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 16:05:48	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	398667	395685	402633	398995	0.87	cps
Molybdenum	94-1	10271	9470	9362	9701	5.12	cps
Molybdenum	95-1	300	300	283	294	3.27	cps
Molybdenum	96-1	2075	2075	2317	2156	6.47	cps
Molybdenum	97-1	367	433	308	369	16.93	cps
Molybdenum	98-1	483	517	500	500	3.33	cps
Neodymium	150-1	10124	9177	9604	9635	4.92	cps
Neodymium	150-2	6038	5995	6081	6038	0.72	cps
Nickel	60-2	14211	13964	14037	14071	0.90	cps
Phosphorus	31-2	1984	1959	2067	2003	2.83	cps
Potassium	39-2	93157	91370	94104	92877	1.49	cps
Rhodium	103-1	2123229	2057601	2123079	2101303	1.80	cps
Rhodium	103-2	1613127	1594567	1587727	1598474	0.82	cps
Scandium	45-1	1681372	1624034	1636639	1647348	1.83	cps
Scandium	45-2	92062	90607	90747	91139	0.88	cps
Selenium	77-2	30	27	10	22	48.22	cps
Selenium	78-2	41	26	55	41	35.67	cps
Selenium	82-1	8	-39	-25	-19	-127.89	cps
Silicon	28-1	4211609	4355029	4321255	4295964	1.75	cps
Silver	109-1	417	408	458	428	6.26	cps
Silver	107-1	433	442	458	444	2.86	cps
Sodium	23-2	31126	30617	31285	31009	1.13	cps
Strontium	86-1	6293	5885	6035	6071	3.40	cps
Strontium	88-1	49348	48779	48721	48949	0.71	cps
Sulfur	34-1	164436	162059	164412	163636	0.83	cps
Terbium	159-1	2513991	2521558	2480194	2505248	0.88	cps
Terbium	159-2	1953829	1898533	1927158	1926507	1.44	cps
Thallium	203-1	358	317	375	350	8.59	cps
Thallium	205-1	592	833	717	714	16.93	cps
Tin	118-1	267	400	325	331	20.22	cps
Titanium	47-1	23906	29727	21851	25161	16.24	cps
Uranium	238-1	5201	5268	5235	5235	0.64	cps
Vanadium	51-2	28416	28556	28436	28469	0.27	cps
Yttrium	89-1	2508674	2490867	2474173	2491238	0.69	cps
Yttrium	89-2	544231	542348	542472	543017	0.19	cps
Zinc	66-2	27183	26803	26759	26915	0.87	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3010-03DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-22(1.5-2)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 16:05:48	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	26276	26426	26585	26429	0.59	cps
Zirconium	91-1	5977	5351	5626	5651	5.55	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3036-01DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-26(2.5-3)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 16:09:28	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	264143	270437	265374	266651	1.25	cps
Antimony	121-1	158	150	142	150	5.56	cps
Arsenic	75-2	561	544	510	538	4.82	cps
Barium	135-1	58329	57626	57131	57695	1.04	cps
Barium	137-1	101176	100757	101210	101048	0.25	cps
Beryllium	9-1	444	489	406	446	9.34	cps
Bismuth	209-1	1378106	1370214	1362385	1370235	0.57	cps
Bismuth	209-2	1282947	1281087	1346404	1303479	2.85	cps
Boron	10-1	367	458	358	394	14.07	cps
Boron	11-1	1850	2009	2267	2042	10.30	cps
Cadmium	111-1	468	467	476	470	1.09	cps
Cadmium	106-1	608	575	617	600	3.67	cps
Cadmium	108-1	58	33	38	43	31.11	cps
Calcium	43-1	9370	9095	9612	9359	2.76	cps
Calcium	44-1	158757	158110	158889	158585	0.26	cps
Chromium	52-2	67910	68275	68131	68106	0.27	cps
Cobalt	59-2	19240	19250	19667	19386	1.26	cps
Copper	63-2	26966	26853	26886	26902	0.22	cps
Dysprosium	156-1	9162	9145	9404	9237	1.57	cps
Dysprosium	156-2	7329	6989	7159	7159	2.38	cps
Erbium	164-1	8136	7894	7711	7914	2.70	cps
Erbium	164-2	6498	6392	6265	6385	1.83	cps
Gadolinium	160-1	9370	8853	9470	9231	3.59	cps
Gadolinium	160-2	8209	8276	8033	8173	1.54	cps
Holmium	165-1	2191064	2152710	2229758	2191178	1.76	cps
Holmium	165-2	1870961	1861097	1947377	1893145	2.49	cps
Indium	115-1	2031607	1993069	2047475	2024050	1.38	cps
Indium	115-2	622525	633903	664855	640428	3.42	cps
Iron	56-2	17722887	17795102	17897600	17805196	0.49	cps
Iron	57-2	432514	441793	444005	439438	1.39	cps
Krypton	83-1	297	277	343	306	11.20	cps
Lead	206-1	12935	13563	12651	13050	3.58	cps
Lead	207-1	11105	11250	10872	11075	1.72	cps
Lead	208-1	50690	51313	50023	50675	1.27	cps
Lithium	6-1	446192	453055	459833	453027	1.51	cps
Magnesium	24-2	284120	286018	282832	284323	0.56	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3036-01DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-26(2.5-3)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 16:09:28	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	66132	65764	65640	65845	0.39	cps
Molybdenum	94-1	12731	12982	12831	12848	0.98	cps
Molybdenum	95-1	325	375	292	331	12.69	cps
Molybdenum	96-1	2367	2425	2734	2509	7.86	cps
Molybdenum	97-1	292	342	383	339	13.54	cps
Molybdenum	98-1	433	367	475	425	12.86	cps
Neodymium	150-1	13320	13067	13968	13452	3.45	cps
Neodymium	150-2	8576	8339	8279	8398	1.87	cps
Nickel	60-2	12015	11722	11441	11726	2.45	cps
Phosphorus	31-2	1025	892	833	917	10.72	cps
Potassium	39-2	76047	75879	76558	76161	0.46	cps
Rhodium	103-1	1987218	1983100	2020955	1997091	1.04	cps
Rhodium	103-2	1583423	1595665	1706110	1628399	4.15	cps
Scandium	45-1	1559894	1516126	1558003	1544674	1.60	cps
Scandium	45-2	88546	90005	96240	91597	4.46	cps
Selenium	77-2	43	27	37	36	23.58	cps
Selenium	78-2	59	39	62	53	23.45	cps
Selenium	82-1	26	25	6	19	57.06	cps
Silicon	28-1	4298240	4360303	4423980	4360841	1.44	cps
Silver	109-1	292	142	208	214	35.14	cps
Silver	107-1	267	208	192	222	17.72	cps
Sodium	23-2	31010	30199	31143	30784	1.66	cps
Strontium	86-1	5276	5493	5710	5493	3.95	cps
Strontium	88-1	44306	45351	45376	45011	1.36	cps
Sulfur	34-1	155286	152952	153213	153817	0.83	cps
Terbium	159-1	2412371	2357119	2409281	2392924	1.30	cps
Terbium	159-2	1871641	1942115	2068994	1960917	5.10	cps
Thallium	203-1	167	125	150	147	14.25	cps
Thallium	205-1	367	425	433	408	8.90	cps
Tin	118-1	400	333	325	353	11.65	cps
Titanium	47-1	42933	44294	42432	43220	2.23	cps
Uranium	238-1	9679	9045	9170	9298	3.61	cps
Vanadium	51-2	24882	25059	24385	24775	1.41	cps
Yttrium	89-1	2403881	2405074	2336378	2381777	1.65	cps
Yttrium	89-2	551571	552211	580593	561458	2.95	cps
Zinc	66-2	13794	14247	14144	14062	1.69	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3036-01DLX5	Instrumnet Name :	P8
Client Sample ID :	FESB-26(2.5-3)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 16:09:28	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	34787	34987	34711	34828	0.41	cps
Zirconium	91-1	7761	7627	7427	7605	2.21	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3036-02DLX5	Instrumnet Name :	P8
Client Sample ID :	FEQC-DUP-052319DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 16:13:08	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	286353	293913	297685	292650	1.97	cps
Antimony	121-1	100	100	125	108	13.32	cps
Arsenic	75-2	333	339	360	344	4.12	cps
Barium	135-1	39367	39267	40095	39576	1.14	cps
Barium	137-1	67455	66811	68310	67525	1.11	cps
Beryllium	9-1	483	694	539	572	19.12	cps
Bismuth	209-1	1415400	1412086	1384683	1404056	1.20	cps
Bismuth	209-2	1297201	1319733	1320243	1312392	1.00	cps
Boron	10-1	500	442	433	458	7.93	cps
Boron	11-1	1834	2000	2292	2042	11.36	cps
Cadmium	111-1	613	575	541	576	6.26	cps
Cadmium	106-1	642	708	633	661	6.22	cps
Cadmium	108-1	33	54	63	50	30.05	cps
Calcium	43-1	21684	21317	22235	21745	2.13	cps
Calcium	44-1	361014	358396	361979	360463	0.51	cps
Chromium	52-2	55158	55131	56293	55527	1.19	cps
Cobalt	59-2	27260	27517	26966	27248	1.01	cps
Copper	63-2	30915	30209	29919	30348	1.69	cps
Dysprosium	156-1	8019	7936	7836	7930	1.16	cps
Dysprosium	156-2	6045	5855	6005	5968	1.68	cps
Erbium	164-1	6910	6235	6760	6635	5.34	cps
Erbium	164-2	5638	5521	5651	5603	1.28	cps
Gadolinium	160-1	8094	7719	7961	7925	2.40	cps
Gadolinium	160-2	6778	6955	6859	6864	1.29	cps
Holmium	165-1	2307418	2253004	2235203	2265209	1.66	cps
Holmium	165-2	1898934	1951005	1959235	1936391	1.69	cps
Indium	115-1	2040246	2062313	2102049	2068203	1.51	cps
Indium	115-2	642109	653105	658642	651285	1.29	cps
Iron	56-2	23547817	23344099	23089515	23327144	0.98	cps
Iron	57-2	568927	574035	567654	570206	0.59	cps
Krypton	83-1	337	323	370	343	7.00	cps
Lead	206-1	13685	13424	13129	13413	2.07	cps
Lead	207-1	11094	10705	10666	10821	2.19	cps
Lead	208-1	51652	50673	49849	50725	1.78	cps
Lithium	6-1	465407	460021	460297	461908	0.66	cps
Magnesium	24-2	421309	421850	433013	425391	1.55	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3036-02DLX5	Instrumnet Name :	P8
Client Sample ID :	FEQC-DUP-052319DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 16:13:08	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	96128	96547	96370	96348	0.22	cps
Molybdenum	94-1	17945	17612	17328	17628	1.75	cps
Molybdenum	95-1	167	225	242	211	18.66	cps
Molybdenum	96-1	3284	3050	3342	3225	4.79	cps
Molybdenum	97-1	242	233	308	261	15.74	cps
Molybdenum	98-1	275	317	183	258	26.40	cps
Neodymium	150-1	11365	11539	11605	11503	1.08	cps
Neodymium	150-2	7649	7576	7229	7484	3.00	cps
Nickel	60-2	17157	17157	16874	17063	0.96	cps
Phosphorus	31-2	1467	1567	1242	1425	11.68	cps
Potassium	39-2	72051	71733	72444	72076	0.49	cps
Rhodium	103-1	2033497	2011497	2020224	2021739	0.55	cps
Rhodium	103-2	1631384	1655011	1650232	1645542	0.76	cps
Scandium	45-1	1559652	1598354	1644857	1600954	2.66	cps
Scandium	45-2	89580	91974	92991	91515	1.91	cps
Selenium	77-2	43	17	33	31	43.29	cps
Selenium	78-2	51	49	42	47	9.99	cps
Selenium	82-1	-38	-2	-129	-56	-116.31	cps
Silicon	28-1	3944411	3953261	4073047	3990240	1.80	cps
Silver	109-1	167	100	142	136	24.74	cps
Silver	107-1	183	133	183	167	17.32	cps
Sodium	23-2	31443	31636	30851	31310	1.31	cps
Strontium	86-1	5651	5776	6010	5812	3.13	cps
Strontium	88-1	46112	45986	46321	46140	0.37	cps
Sulfur	34-1	149819	149062	150207	149696	0.39	cps
Terbium	159-1	2478895	2497856	2412582	2463111	1.82	cps
Terbium	159-2	1962845	1990703	1964784	1972777	0.79	cps
Thallium	203-1	250	208	133	197	29.98	cps
Thallium	205-1	433	358	367	386	10.65	cps
Tin	118-1	325	350	292	322	9.08	cps
Titanium	47-1	202941	207426	207425	205931	1.26	cps
Uranium	238-1	3042	3526	2867	3145	10.85	cps
Vanadium	51-2	29534	29351	29591	29492	0.43	cps
Yttrium	89-1	2507030	2439897	2480506	2475811	1.37	cps
Yttrium	89-2	558780	568229	571765	566258	1.19	cps
Zinc	66-2	19180	19788	19230	19399	1.74	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3036-02DLX5	Instrumnet Name :	P8
Client Sample ID :	FEQC-DUP-052319DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 16:13:08	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	46948	46279	47258	46828	1.07	cps
Zirconium	91-1	10971	10671	10788	10810	1.40	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:16:52	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1492454	1538674	1471340	1500823	2.29	cps
Antimony	121-1	1597800	1616334	1606045	1606726	0.58	cps
Arsenic	75-2	117935	118556	117180	117890	0.58	cps
Barium	135-1	1580450	1588410	1592842	1587234	0.40	cps
Barium	137-1	2728303	2729968	2750979	2736417	0.46	cps
Beryllium	9-1	319193	323524	327325	323347	1.26	cps
Bismuth	209-1	1380903	1392978	1389819	1387900	0.45	cps
Bismuth	209-2	1250887	1239978	1246711	1245859	0.44	cps
Boron	10-1	34985	37508	39062	37185	5.53	cps
Boron	11-1	177876	184018	186397	182764	2.41	cps
Cadmium	111-1	357320	361845	360378	359848	0.64	cps
Cadmium	106-1	38313	39015	37996	38441	1.36	cps
Cadmium	108-1	27136	26434	26710	26760	1.32	cps
Calcium	43-1	2167409	2172266	2144559	2161411	0.68	cps
Calcium	44-1	35077659	34995704	35266366	35113243	0.40	cps
Chromium	52-2	662752	662314	660293	661786	0.20	cps
Cobalt	59-2	1058797	1066204	1058239	1061080	0.42	cps
Copper	63-2	1509309	1484398	1499060	1497589	0.84	cps
Dysprosium	156-1	33	67	17	39	65.47	cps
Dysprosium	156-2	13	10	13	12	15.73	cps
Erbium	164-1	8	8	17	11	43.34	cps
Erbium	164-2	20	23	10	18	39.03	cps
Gadolinium	160-1	42	42	17	33	43.30	cps
Gadolinium	160-2	10	30	13	18	60.28	cps
Holmium	165-1	2356271	2324433	2318112	2332939	0.88	cps
Holmium	165-2	1913092	1888911	1882965	1894989	0.84	cps
Indium	115-1	2064103	2020927	2058544	2047858	1.15	cps
Indium	115-2	610453	612371	609389	610738	0.25	cps
Iron	56-2	128246892	129744428	126961192	128317504	1.09	cps
Iron	57-2	3225752	3228928	3190227	3214969	0.67	cps
Krypton	83-1	347	363	333	348	4.32	cps
Lead	206-1	801507	806453	804516	804159	0.31	cps
Lead	207-1	722539	733238	725164	726980	0.77	cps
Lead	208-1	3318012	3366495	3311319	3331942	0.90	cps
Lithium	6-1	477555	487832	489499	484962	1.33	cps
Magnesium	24-2	16879525	17271894	16733512	16961644	1.64	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:16:52	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	693829	692842	686581	691084	0.57	cps
Molybdenum	94-1	2773695	2843504	2873339	2830179	1.81	cps
Molybdenum	95-1	3409364	3453943	3520518	3461275	1.62	cps
Molybdenum	96-1	3873012	3875686	3944843	3897847	1.04	cps
Molybdenum	97-1	2199208	2211085	2197333	2202542	0.34	cps
Molybdenum	98-1	5467515	5484760	5669193	5540489	2.02	cps
Neodymium	150-1	93	73	80	82	12.39	cps
Neodymium	150-2	17	17	23	19	20.36	cps
Nickel	60-2	284946	284582	287049	285526	0.47	cps
Phosphorus	31-2	25482	24747	25373	25201	1.57	cps
Potassium	39-2	9669801	9883565	9533456	9695607	1.82	cps
Rhodium	103-1	1960706	1970138	1975065	1968636	0.37	cps
Rhodium	103-2	1490269	1496529	1480049	1488949	0.56	cps
Scandium	45-1	1632140	1660870	1666976	1653329	1.13	cps
Scandium	45-2	91421	90425	90740	90862	0.56	cps
Selenium	77-2	1657	1633	1703	1665	2.14	cps
Selenium	78-2	5803	5788	5773	5788	0.26	cps
Selenium	82-1	24659	24690	24155	24502	1.23	cps
Silicon	28-1	2641716	2721844	2682735	2682098	1.49	cps
Silver	109-1	1580181	1624573	1593220	1599324	1.43	cps
Silver	107-1	1693688	1682778	1693721	1690062	0.37	cps
Sodium	23-2	34270983	34337410	34221696	34276696	0.17	cps
Strontium	86-1	438303	438625	442298	439742	0.50	cps
Strontium	88-1	3801320	3849108	3851150	3833859	0.74	cps
Sulfur	34-1	311382	314868	316059	314103	0.77	cps
Terbium	159-1	2477789	2515501	2478684	2490658	0.86	cps
Terbium	159-2	1930852	1894172	1949478	1924834	1.46	cps
Thallium	203-1	996590	985858	998545	993664	0.69	cps
Thallium	205-1	2388497	2425810	2411201	2408503	0.78	cps
Tin	118-1	1041853	1051235	1031475	1041521	0.95	cps
Titanium	47-1	1092697	1095306	1092187	1093397	0.15	cps
Uranium	238-1	3184117	3228245	3198797	3203720	0.70	cps
Vanadium	51-2	543052	547878	543386	544772	0.49	cps
Yttrium	89-1	2372071	2422203	2391554	2395276	1.06	cps
Yttrium	89-2	525063	528500	518698	524087	0.95	cps
Zinc	66-2	267435	267385	267456	267425	0.01	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:16:52	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2435594	2441012	2401049	2425885	0.89	cps
Zirconium	91-1	524449	526167	522628	524415	0.34	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:20:32	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	117	92	108	13.32	cps
Antimony	121-1	292	158	267	239	29.67	cps
Arsenic	75-2	10	10	10	10	0.00	cps
Barium	135-1	75	33	58	56	37.75	cps
Barium	137-1	58	83	67	69	18.34	cps
Beryllium	9-1	44	117	161	107	54.82	cps
Bismuth	209-1	1427122	1429280	1440963	1432455	0.52	cps
Bismuth	209-2	1313841	1317200	1307369	1312804	0.38	cps
Boron	10-1	500	625	517	547	12.40	cps
Boron	11-1	2734	2484	2534	2584	5.12	cps
Cadmium	111-1	373	439	430	414	8.62	cps
Cadmium	106-1	525	625	600	583	8.92	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	675	608	508	597	14.05	cps
Calcium	44-1	14758	14700	14308	14589	1.68	cps
Chromium	52-2	857	843	850	850	0.78	cps
Cobalt	59-2	107	103	103	104	1.84	cps
Copper	63-2	960	1017	873	950	7.60	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	17	17	8	14	34.67	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	42	17	8	22	78.07	cps
Gadolinium	160-2	7	20	3	10	88.20	cps
Holmium	165-1	2293111	2320506	2291746	2301788	0.70	cps
Holmium	165-2	1896631	1895657	1868572	1886953	0.84	cps
Indium	115-1	2085265	2107074	2059347	2083895	1.15	cps
Indium	115-2	639709	641685	647591	642995	0.64	cps
Iron	56-2	4484	4290	4590	4454	3.42	cps
Iron	57-2	89	150	128	122	25.31	cps
Krypton	83-1	357	430	253	347	25.60	cps
Lead	206-1	367	333	322	341	6.79	cps
Lead	207-1	378	261	378	339	19.88	cps
Lead	208-1	1522	1317	1595	1478	9.75	cps
Lithium	6-1	484459	488041	488514	487005	0.46	cps
Magnesium	24-2	450	633	617	567	17.89	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:20:32	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	83	67	68	22.18	cps
Molybdenum	94-1	142	117	142	133	10.83	cps
Molybdenum	95-1	75	92	100	89	14.32	cps
Molybdenum	96-1	92	158	108	119	29.05	cps
Molybdenum	97-1	200	208	217	208	4.00	cps
Molybdenum	98-1	100	183	108	131	35.16	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	93	97	117	102	12.35	cps
Phosphorus	31-2	258	283	467	336	33.85	cps
Potassium	39-2	23345	24163	23804	23770	1.73	cps
Rhodium	103-1	2053329	2065437	2074260	2064342	0.51	cps
Rhodium	103-2	1635732	1634047	1640368	1636716	0.20	cps
Scandium	45-1	1630402	1597466	1656293	1628054	1.81	cps
Scandium	45-2	90482	91810	90733	91009	0.78	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	34	31	27	31	11.45	cps
Selenium	82-1	-47	-153	10	-63	-130.63	cps
Silicon	28-1	1936160	1941352	1998141	1958551	1.76	cps
Silver	109-1	375	333	350	353	5.94	cps
Silver	107-1	333	392	308	344	12.41	cps
Sodium	23-2	25974	25849	27051	26291	2.51	cps
Strontium	86-1	458	408	417	428	6.26	cps
Strontium	88-1	117	117	183	139	27.71	cps
Sulfur	34-1	181399	184160	183162	182907	0.76	cps
Terbium	159-1	2443465	2519416	2498278	2487053	1.58	cps
Terbium	159-2	1969118	1937900	1962535	1956518	0.84	cps
Thallium	203-1	108	50	108	89	37.89	cps
Thallium	205-1	208	225	192	208	8.00	cps
Tin	118-1	250	200	292	247	18.56	cps
Titanium	47-1	1533	1425	1583	1514	5.35	cps
Uranium	238-1	50	58	17	42	52.91	cps
Vanadium	51-2	23	23	17	21	18.21	cps
Yttrium	89-1	2340261	2367060	2437319	2381546	2.10	cps
Yttrium	89-2	533278	529747	533737	532254	0.41	cps
Zinc	66-2	67	120	93	93	28.57	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:20:32	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	308	267	225	267	15.63	cps
Zirconium	91-1	50	42	42	44	10.82	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120159BL	Instrumnet Name :	P8
Client Sample ID :	PB120159BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:25:52	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	67	117	89	28.64	cps
Antimony	121-1	92	92	83	89	5.41	cps
Arsenic	75-2	4	2	2	3	43.30	cps
Barium	135-1	67	33	17	39	65.47	cps
Barium	137-1	25	25	33	28	17.31	cps
Beryllium	9-1	78	50	28	52	48.31	cps
Bismuth	209-1	1456145	1467129	1456130	1459801	0.43	cps
Bismuth	209-2	1321145	1328429	1336782	1328785	0.59	cps
Boron	10-1	175	267	267	236	22.42	cps
Boron	11-1	1417	1283	1383	1361	5.10	cps
Cadmium	111-1	399	354	443	399	11.18	cps
Cadmium	106-1	567	517	642	575	10.94	cps
Cadmium	108-1	8	17	8	11	43.34	cps
Calcium	43-1	583	542	750	625	17.64	cps
Calcium	44-1	14324	14441	14391	14385	0.41	cps
Chromium	52-2	737	807	847	797	6.99	cps
Cobalt	59-2	50	70	50	57	20.38	cps
Copper	63-2	843	817	833	831	1.62	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	8	17	11	43.34	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	33	8	25	22	57.29	cps
Gadolinium	160-2	13	13	10	12	15.73	cps
Holmium	165-1	2314013	2303868	2332063	2316648	0.62	cps
Holmium	165-2	1935475	1885062	1946791	1922443	1.71	cps
Indium	115-1	2149381	2123216	2138408	2137001	0.61	cps
Indium	115-2	640935	647254	641995	643395	0.53	cps
Iron	56-2	3206	2923	3084	3071	4.63	cps
Iron	57-2	89	111	122	107	15.80	cps
Krypton	83-1	330	300	360	330	9.09	cps
Lead	206-1	183	294	256	244	23.06	cps
Lead	207-1	217	194	139	183	21.85	cps
Lead	208-1	900	967	839	902	7.09	cps
Lithium	6-1	487684	488426	492497	489536	0.53	cps
Magnesium	24-2	158	283	183	208	31.75	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120159BL	Instrumnet Name :	P8
Client Sample ID :	PB120159BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:25:52	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60	63	73	66	10.58	cps
Molybdenum	94-1	117	67	92	92	27.27	cps
Molybdenum	95-1	33	8	33	25	57.74	cps
Molybdenum	96-1	25	42	50	39	32.73	cps
Molybdenum	97-1	158	175	150	161	7.90	cps
Molybdenum	98-1	42	42	8	31	62.99	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	140	113	110	121	13.58	cps
Phosphorus	31-2	217	308	358	294	24.40	cps
Potassium	39-2	22168	21609	22043	21940	1.34	cps
Rhodium	103-1	2096864	2113239	2084533	2098212	0.69	cps
Rhodium	103-2	1585091	1615476	1641580	1614049	1.75	cps
Scandium	45-1	1618535	1615504	1672900	1635646	1.97	cps
Scandium	45-2	90190	90777	91968	90979	1.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	24	34	45	34	30.59	cps
Selenium	82-1	-55	-35	-68	-52	-31.47	cps
Silicon	28-1	1931059	1962842	1923236	1939046	1.08	cps
Silver	109-1	208	125	133	156	29.50	cps
Silver	107-1	108	258	175	181	41.62	cps
Sodium	23-2	20782	21291	21417	21163	1.59	cps
Strontium	86-1	417	500	425	447	10.26	cps
Strontium	88-1	150	75	100	108	35.25	cps
Sulfur	34-1	181688	185830	186625	184714	1.44	cps
Terbium	159-1	2493555	2488270	2495644	2492490	0.15	cps
Terbium	159-2	1978164	1993814	1931154	1967711	1.66	cps
Thallium	203-1	25	33	50	36	35.25	cps
Thallium	205-1	142	183	108	144	26.01	cps
Tin	118-1	125	233	192	183	29.81	cps
Titanium	47-1	1467	1558	1592	1539	4.21	cps
Uranium	238-1	0	17	8	8	100.02	cps
Vanadium	51-2	17	13	17	16	12.40	cps
Yttrium	89-1	2394712	2362338	2387847	2381632	0.72	cps
Yttrium	89-2	527991	535054	536898	533314	0.88	cps
Zinc	66-2	253	233	257	248	5.09	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120159BL	Instrumnet Name :	P8
Client Sample ID :	PB120159BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:25:52	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	250	200	117	189	35.66	cps
Zirconium	91-1	25	33	75	44	60.28	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120159BS	Instrumnet Name :	P8
Client Sample ID :	PB120159BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:29:32	DataFile Name :	054LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	264963	270187	269425	268192	1.05	cps
Antimony	121-1	1614499	1660294	1641925	1638906	1.41	cps
Arsenic	75-2	118509	119023	118833	118788	0.22	cps
Barium	135-1	1589895	1591095	1588196	1589729	0.09	cps
Barium	137-1	2743769	2700530	2764196	2736165	1.19	cps
Beryllium	9-1	312986	313117	316391	314165	0.61	cps
Bismuth	209-1	1431267	1422009	1424357	1425877	0.34	cps
Bismuth	209-2	1290852	1299576	1290885	1293771	0.39	cps
Boron	10-1	36121	36614	36505	36413	0.71	cps
Boron	11-1	171617	176177	176861	174885	1.63	cps
Cadmium	111-1	377134	371477	373013	373875	0.78	cps
Cadmium	106-1	39751	37904	39926	39194	2.86	cps
Cadmium	108-1	27190	27077	27252	27173	0.33	cps
Calcium	43-1	442791	460750	442160	448567	2.35	cps
Calcium	44-1	7176460	7510080	7314721	7333754	2.29	cps
Chromium	52-2	663109	643306	664211	656875	1.79	cps
Cobalt	59-2	1066382	1067810	1064310	1066167	0.17	cps
Copper	63-2	1576775	1597423	1581448	1585215	0.68	cps
Dysprosium	156-1	8	17	42	22	78.07	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	13	10	7	10	33.30	cps
Gadolinium	160-1	17	17	42	25	57.73	cps
Gadolinium	160-2	0	20	17	12	87.67	cps
Holmium	165-1	2338133	2323338	2375319	2345596	1.14	cps
Holmium	165-2	1876028	1886310	1926740	1896359	1.41	cps
Indium	115-1	2087378	2091794	2028390	2069188	1.71	cps
Indium	115-2	617386	624545	620012	620648	0.58	cps
Iron	56-2	26324457	27286444	27020035	26876979	1.85	cps
Iron	57-2	660812	665573	662865	663083	0.36	cps
Krypton	83-1	360	343	360	354	2.72	cps
Lead	206-1	828237	815082	817334	820218	0.86	cps
Lead	207-1	746190	738225	737715	740710	0.64	cps
Lead	208-1	3420241	3383012	3359264	3387506	0.91	cps
Lithium	6-1	474367	484998	483375	480913	1.19	cps
Magnesium	24-2	3411198	3487538	3392389	3430375	1.47	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120159BS	Instrumnet Name :	P8
Client Sample ID :	PB120159BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:29:32	DataFile Name :	054LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	689151	683266	686939	686452	0.43	cps
Molybdenum	94-1	2837358	2794397	2790138	2807298	0.93	cps
Molybdenum	95-1	3468935	3484927	3493678	3482513	0.36	cps
Molybdenum	96-1	3893039	3920055	3878090	3897062	0.55	cps
Molybdenum	97-1	2161035	2212508	2221963	2198502	1.49	cps
Molybdenum	98-1	5510354	5584566	5550479	5548466	0.67	cps
Neodymium	150-1	93	80	93	89	8.66	cps
Neodymium	150-2	10	10	13	11	17.30	cps
Nickel	60-2	291212	290456	286282	289317	0.92	cps
Phosphorus	31-2	24347	25599	25098	25014	2.52	cps
Potassium	39-2	1932038	2021582	2036265	1996628	2.83	cps
Rhodium	103-1	2030049	2005243	2030729	2022007	0.72	cps
Rhodium	103-2	1524522	1550805	1572647	1549325	1.56	cps
Scandium	45-1	1586306	1682655	1591821	1620261	3.34	cps
Scandium	45-2	88654	90804	90458	89972	1.28	cps
Selenium	77-2	1680	1633	1630	1648	1.70	cps
Selenium	78-2	5873	5968	5877	5906	0.91	cps
Selenium	82-1	24920	24562	24555	24679	0.84	cps
Silicon	28-1	2640730	2687846	2591298	2639958	1.83	cps
Silver	109-1	1667855	1654402	1673685	1665314	0.59	cps
Silver	107-1	1752245	1745818	1764560	1754208	0.54	cps
Sodium	23-2	6979616	6949729	6888630	6939325	0.67	cps
Strontium	86-1	442631	441861	437083	440525	0.68	cps
Strontium	88-1	3816338	3849510	3663168	3776339	2.63	cps
Sulfur	34-1	303745	305235	301748	303576	0.58	cps
Terbium	159-1	2490858	2513693	2509619	2504723	0.49	cps
Terbium	159-2	1948010	1991345	1945226	1961527	1.32	cps
Thallium	203-1	1018753	1013524	1005706	1012661	0.65	cps
Thallium	205-1	2488886	2435679	2478259	2467608	1.14	cps
Tin	118-1	1052559	1058916	1033497	1048324	1.26	cps
Titanium	47-1	1062066	1094443	1096616	1084375	1.78	cps
Uranium	238-1	3177154	3200394	3121128	3166225	1.29	cps
Vanadium	51-2	541427	533751	539158	538112	0.73	cps
Yttrium	89-1	2441638	2437383	2388137	2422386	1.23	cps
Yttrium	89-2	519044	526893	528094	524677	0.94	cps
Zinc	66-2	275162	273116	272961	273746	0.45	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120159BS	Instrumnet Name :	P8
Client Sample ID :	PB120159BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:29:32	DataFile Name :	054LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2429847	2334527	2390134	2384836	2.01	cps
Zirconium	91-1	528369	511536	518441	519449	1.63	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K2991-01	Instrumnet Name :	P8
Client Sample ID :	390516179.9	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:33:08	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	392	408	450	417	7.21	cps
Antimony	121-1	600	725	692	672	9.63	cps
Arsenic	75-2	1944	2045	1985	1992	2.55	cps
Barium	135-1	20800	19907	20967	20558	2.77	cps
Barium	137-1	34321	35548	35072	34980	1.77	cps
Beryllium	9-1	128	72	94	98	28.49	cps
Bismuth	209-1	1389196	1390480	1378031	1385903	0.49	cps
Bismuth	209-2	1271502	1274228	1273608	1273113	0.11	cps
Boron	10-1	1025	808	950	928	11.86	cps
Boron	11-1	4768	4401	4651	4606	4.07	cps
Cadmium	111-1	457	408	419	428	6.04	cps
Cadmium	106-1	525	525	542	531	1.81	cps
Cadmium	108-1	21	38	21	26	36.47	cps
Calcium	43-1	643840	645594	640685	643373	0.39	cps
Calcium	44-1	10609905	10598157	10468297	10558786	0.74	cps
Chromium	52-2	3320	3384	3327	3344	1.04	cps
Cobalt	59-2	287	327	293	302	7.09	cps
Copper	63-2	494813	498600	498297	497237	0.42	cps
Dysprosium	156-1	117	142	92	117	21.43	cps
Dysprosium	156-2	83	83	100	89	10.83	cps
Erbium	164-1	175	125	100	133	28.64	cps
Erbium	164-2	93	117	93	101	13.33	cps
Gadolinium	160-1	200	83	158	147	40.16	cps
Gadolinium	160-2	110	147	137	131	14.46	cps
Holmium	165-1	2291589	2299303	2332657	2307849	0.95	cps
Holmium	165-2	1866364	1883074	1893662	1881033	0.73	cps
Indium	115-1	2065638	2059454	2065010	2063367	0.16	cps
Indium	115-2	622413	624660	631783	626285	0.78	cps
Iron	56-2	3661873	3726482	3741280	3709878	1.14	cps
Iron	57-2	87863	89328	90407	89199	1.43	cps
Krypton	83-1	327	360	337	341	5.01	cps
Lead	206-1	133050	131982	131780	132271	0.52	cps
Lead	207-1	112353	113069	112140	112521	0.43	cps
Lead	208-1	519253	517027	516975	517752	0.25	cps
Lithium	6-1	463390	461059	467577	464009	0.71	cps
Magnesium	24-2	1934139	1986772	1947589	1956167	1.40	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K2991-01	Instrumnet Name :	P8
Client Sample ID :	390516179.9	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:33:08	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8749	8489	8413	8550	2.07	cps
Molybdenum	94-1	258	350	200	269	28.06	cps
Molybdenum	95-1	458	375	400	411	10.40	cps
Molybdenum	96-1	525	375	408	436	18.06	cps
Molybdenum	97-1	392	417	442	417	6.00	cps
Molybdenum	98-1	792	742	467	667	26.25	cps
Neodymium	150-1	260	233	200	231	13.01	cps
Neodymium	150-2	157	123	140	140	11.90	cps
Nickel	60-2	8429	8596	8636	8554	1.28	cps
Phosphorus	31-2	400	458	400	419	8.03	cps
Potassium	39-2	255594	262382	264096	260691	1.72	cps
Rhodium	103-1	1941550	1966916	1965797	1958087	0.73	cps
Rhodium	103-2	1545567	1546719	1550472	1547586	0.17	cps
Scandium	45-1	1583846	1575026	1579149	1579340	0.28	cps
Scandium	45-2	87699	87936	88915	88183	0.73	cps
Selenium	77-2	7	0	10	6	91.64	cps
Selenium	78-2	44	30	35	36	19.53	cps
Selenium	82-1	-29	-39	-46	-38	-22.99	cps
Silicon	28-1	19516969	19912834	19963211	19797671	1.23	cps
Silver	109-1	583	583	592	586	0.82	cps
Silver	107-1	3607	608	633	1616	106.67	cps
Sodium	23-2	7722997	7755912	7942250	7807053	1.51	cps
Strontium	86-1	264454	267427	265393	265758	0.57	cps
Strontium	88-1	2328818	2349897	2316517	2331744	0.72	cps
Sulfur	34-1	260513	260045	261022	260527	0.19	cps
Terbium	159-1	2534796	2437776	2479772	2484115	1.96	cps
Terbium	159-2	1959726	1913295	1938304	1937108	1.20	cps
Thallium	203-1	117	50	58	75	48.43	cps
Thallium	205-1	275	167	242	228	24.36	cps
Tin	118-1	4676	4893	4751	4773	2.31	cps
Titanium	47-1	1617	1675	1592	1628	2.63	cps
Uranium	238-1	175	58	125	119	49.00	cps
Vanadium	51-2	1157	1147	1143	1149	0.60	cps
Yttrium	89-1	2343742	2381837	2398338	2374639	1.18	cps
Yttrium	89-2	518871	520539	525355	521588	0.65	cps
Zinc	66-2	237905	241347	241382	240211	0.83	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K2991-01	Instrumnet Name :	P8
Client Sample ID :	390516179.9	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:33:08	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	300	275	292	289	4.41	cps
Zirconium	91-1	42	67	42	50	28.87	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01	Instrumnet Name :	P8
Client Sample ID :	390522109.3	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:36:46	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	433	625	492	517	19.03	cps
Antimony	121-1	1067	1117	1125	1103	2.86	cps
Arsenic	75-2	2188	2121	2154	2155	1.56	cps
Barium	135-1	31839	32649	32733	32407	1.52	cps
Barium	137-1	54479	55031	55215	54908	0.70	cps
Beryllium	9-1	78	72	72	74	4.33	cps
Bismuth	209-1	1394891	1423797	1419759	1412815	1.11	cps
Bismuth	209-2	1301839	1295075	1286391	1294435	0.60	cps
Boron	10-1	4492	4826	5068	4795	6.02	cps
Boron	11-1	24129	24897	25582	24869	2.92	cps
Cadmium	111-1	380	453	443	425	9.34	cps
Cadmium	106-1	525	625	600	583	8.92	cps
Cadmium	108-1	13	8	8	10	24.77	cps
Calcium	43-1	402563	401854	406509	403642	0.62	cps
Calcium	44-1	6546239	6521189	6660533	6575987	1.13	cps
Chromium	52-2	2277	2177	2267	2240	2.46	cps
Cobalt	59-2	163	163	243	190	24.31	cps
Copper	63-2	531740	540402	541687	537943	1.01	cps
Dysprosium	156-1	25	33	17	25	33.32	cps
Dysprosium	156-2	13	17	30	20	44.10	cps
Erbium	164-1	50	50	25	42	34.64	cps
Erbium	164-2	53	33	30	39	32.45	cps
Gadolinium	160-1	25	8	42	25	66.68	cps
Gadolinium	160-2	27	33	40	33	20.00	cps
Holmium	165-1	2270632	2322846	2278441	2290640	1.23	cps
Holmium	165-2	1904648	1857299	1878899	1880282	1.26	cps
Indium	115-1	2045461	2127837	2094343	2089214	1.98	cps
Indium	115-2	630777	640235	635983	635665	0.75	cps
Iron	56-2	345769	338607	346963	343780	1.31	cps
Iron	57-2	8197	8775	8920	8631	4.43	cps
Krypton	83-1	267	300	290	286	5.99	cps
Lead	206-1	154736	157069	152594	154799	1.45	cps
Lead	207-1	127223	129873	129390	128829	1.10	cps
Lead	208-1	594343	600296	597474	597371	0.50	cps
Lithium	6-1	461137	470759	473231	468376	1.36	cps
Magnesium	24-2	1348646	1303793	1280154	1310864	2.65	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01	Instrumnet Name :	P8
Client Sample ID :	390522109.3	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:36:46	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3337	3594	3314	3415	4.55	cps
Molybdenum	94-1	9045	9270	9470	9262	2.30	cps
Molybdenum	95-1	15759	16569	17153	16494	4.24	cps
Molybdenum	96-1	17153	18363	18663	18060	4.43	cps
Molybdenum	97-1	10229	10454	10137	10274	1.59	cps
Molybdenum	98-1	26084	25666	27503	26418	3.64	cps
Neodymium	150-1	47	60	20	42	48.24	cps
Neodymium	150-2	3	23	20	16	68.90	cps
Nickel	60-2	847	793	807	816	3.40	cps
Phosphorus	31-2	475	350	342	389	19.21	cps
Potassium	39-2	113991	112187	112497	112892	0.85	cps
Rhodium	103-1	2002903	2014762	2019911	2012525	0.43	cps
Rhodium	103-2	1584765	1579854	1600271	1588297	0.67	cps
Scandium	45-1	1565099	1573744	1567146	1568663	0.29	cps
Scandium	45-2	90036	89445	90049	89844	0.38	cps
Selenium	77-2	7	10	13	10	33.30	cps
Selenium	78-2	65	71	51	62	16.46	cps
Selenium	82-1	153	72	73	99	46.63	cps
Silicon	28-1	11588165	11938722	11833457	11786781	1.53	cps
Silver	109-1	550	583	575	569	3.05	cps
Silver	107-1	642	658	575	625	7.06	cps
Sodium	23-2	2612758	2629021	2602175	2614651	0.52	cps
Strontium	86-1	592775	598012	593064	594617	0.50	cps
Strontium	88-1	5148743	5136876	5019852	5101824	1.40	cps
Sulfur	34-1	285914	290619	290178	288904	0.90	cps
Terbium	159-1	2484372	2449030	2498927	2477443	1.04	cps
Terbium	159-2	1945708	1957142	1972727	1958526	0.69	cps
Thallium	203-1	33	75	83	64	41.93	cps
Thallium	205-1	75	167	108	117	39.77	cps
Tin	118-1	48329	49048	48463	48614	0.79	cps
Titanium	47-1	1709	4939	1592	2746	69.17	cps
Uranium	238-1	44254	45024	45208	44828	1.13	cps
Vanadium	51-2	1667	1623	1693	1661	2.13	cps
Yttrium	89-1	2388750	2402125	2329190	2373355	1.64	cps
Yttrium	89-2	526060	528223	529617	527966	0.34	cps
Zinc	66-2	15585	15522	15489	15532	0.32	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01	Instrumnet Name :	P8
Client Sample ID :	390522109.3	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:36:46	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	342	367	333	347	5.00	cps
Zirconium	91-1	42	33	58	44	28.65	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01DUP	Instrumnet Name :	P8
Client Sample ID :	390522109.3DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:40:24	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	308	533	450	431	26.43	cps
Antimony	121-1	1067	1033	933	1011	6.86	cps
Arsenic	75-2	2119	2047	2049	2072	1.98	cps
Barium	135-1	32791	33727	33543	33354	1.49	cps
Barium	137-1	55751	55885	56387	56007	0.60	cps
Beryllium	9-1	72	83	61	72	15.39	cps
Bismuth	209-1	1432081	1424802	1419104	1425329	0.46	cps
Bismuth	209-2	1281838	1294410	1293189	1289812	0.54	cps
Boron	10-1	5143	4851	4959	4984	2.96	cps
Boron	11-1	24430	24814	25765	25003	2.75	cps
Cadmium	111-1	439	403	477	439	8.44	cps
Cadmium	106-1	608	575	692	625	9.62	cps
Cadmium	108-1	17	0	17	11	86.60	cps
Calcium	43-1	408506	409709	411871	410029	0.42	cps
Calcium	44-1	6672002	6768995	6798961	6746653	0.98	cps
Chromium	52-2	2400	2287	2254	2314	3.32	cps
Cobalt	59-2	233	200	180	204	13.18	cps
Copper	63-2	536659	534305	536744	535903	0.26	cps
Dysprosium	156-1	67	17	58	47	56.72	cps
Dysprosium	156-2	20	33	23	26	27.15	cps
Erbium	164-1	25	50	42	39	32.73	cps
Erbium	164-2	27	27	30	28	6.92	cps
Gadolinium	160-1	25	75	42	47	53.91	cps
Gadolinium	160-2	30	37	20	29	29.04	cps
Holmium	165-1	2328845	2291414	2282896	2301052	1.06	cps
Holmium	165-2	1864217	1906322	1847008	1872516	1.63	cps
Indium	115-1	2100165	2109202	2182729	2130699	2.13	cps
Indium	115-2	634108	634870	643483	637487	0.82	cps
Iron	56-2	339816	345651	343841	343103	0.87	cps
Iron	57-2	8670	8692	8597	8653	0.57	cps
Krypton	83-1	250	363	340	318	18.83	cps
Lead	206-1	154842	153385	154598	154275	0.51	cps
Lead	207-1	130249	129109	127202	128853	1.19	cps
Lead	208-1	602820	600375	594457	599217	0.72	cps
Lithium	6-1	473370	468110	472138	471206	0.58	cps
Magnesium	24-2	1268267	1273504	1284395	1275389	0.65	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01DUP	Instrumnet Name :	P8
Client Sample ID :	390522109.3DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:40:24	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3180	3334	3307	3274	2.50	cps
Molybdenum	94-1	9712	10179	9153	9681	5.30	cps
Molybdenum	95-1	15735	16452	16836	16341	3.42	cps
Molybdenum	96-1	17812	17662	17629	17701	0.55	cps
Molybdenum	97-1	10563	10504	10521	10529	0.29	cps
Molybdenum	98-1	26585	26785	25474	26281	2.69	cps
Neodymium	150-1	7	40	47	31	68.88	cps
Neodymium	150-2	20	13	33	22	45.83	cps
Nickel	60-2	863	783	867	838	5.63	cps
Phosphorus	31-2	408	433	408	417	3.46	cps
Potassium	39-2	110758	111302	115369	112477	2.24	cps
Rhodium	103-1	2066355	1994858	2047647	2036287	1.82	cps
Rhodium	103-2	1563627	1564845	1579728	1569400	0.57	cps
Scandium	45-1	1622854	1601471	1611537	1611954	0.66	cps
Scandium	45-2	88150	90321	89794	89422	1.27	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	55	64	69	63	11.32	cps
Selenium	82-1	127	16	71	72	77.50	cps
Silicon	28-1	11805250	11660926	12113996	11860057	1.95	cps
Silver	109-1	433	583	675	564	21.64	cps
Silver	107-1	533	475	517	508	5.91	cps
Sodium	23-2	2493905	2601762	2594549	2563405	2.35	cps
Strontium	86-1	595828	598832	597289	597316	0.25	cps
Strontium	88-1	5074698	5115941	5077946	5089528	0.45	cps
Sulfur	34-1	295245	294618	300199	296687	1.03	cps
Terbium	159-1	2481089	2460425	2430876	2457463	1.03	cps
Terbium	159-2	1939353	1957504	1954604	1950487	0.50	cps
Thallium	203-1	58	50	8	39	68.89	cps
Thallium	205-1	133	108	108	117	12.37	cps
Tin	118-1	47802	49467	48053	48441	1.85	cps
Titanium	47-1	1859	1508	3976	2448	54.55	cps
Uranium	238-1	46111	45592	46512	46072	1.00	cps
Vanadium	51-2	1740	1703	1657	1700	2.46	cps
Yttrium	89-1	2382497	2400868	2397742	2393702	0.41	cps
Yttrium	89-2	519140	523504	524933	522526	0.58	cps
Zinc	66-2	15158	15465	15646	15423	1.60	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01DUP	Instrumnet Name :	P8
Client Sample ID :	390522109.3DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:40:24	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	300	275	217	264	16.21	cps
Zirconium	91-1	92	25	25	47	81.51	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01LX5	Instrumnet Name :	P8
Client Sample ID :	390522109.3L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 16:44:02	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	175	125	167	22.92	cps
Antimony	121-1	250	233	250	244	3.94	cps
Arsenic	75-2	428	418	425	424	1.21	cps
Barium	135-1	6160	6535	6343	6346	2.96	cps
Barium	137-1	11155	10696	10504	10785	3.10	cps
Beryllium	9-1	22	50	44	39	37.80	cps
Bismuth	209-1	1434251	1424806	1436545	1431868	0.43	cps
Bismuth	209-2	1320838	1309549	1305478	1311955	0.61	cps
Boron	10-1	1142	917	1233	1097	14.85	cps
Boron	11-1	5860	6018	6527	6135	5.68	cps
Cadmium	111-1	415	399	405	407	2.02	cps
Cadmium	106-1	592	567	583	581	2.19	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	79743	79298	81143	80061	1.20	cps
Calcium	44-1	1350214	1335705	1341324	1342414	0.54	cps
Chromium	52-2	1047	1130	1073	1083	3.93	cps
Cobalt	59-2	80	67	77	74	9.32	cps
Copper	63-2	108119	105100	105721	106314	1.50	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	17	25	17	19	24.73	cps
Erbium	164-2	30	3	10	14	96.09	cps
Gadolinium	160-1	25	33	0	19	89.21	cps
Gadolinium	160-2	3	3	10	6	69.34	cps
Holmium	165-1	2300772	2285415	2300475	2295554	0.38	cps
Holmium	165-2	1916874	1906434	1892444	1905250	0.64	cps
Indium	115-1	2131041	2112260	2130897	2124733	0.51	cps
Indium	115-2	642626	640332	638065	640341	0.36	cps
Iron	56-2	68043	68160	70337	68847	1.88	cps
Iron	57-2	1678	1617	2017	1771	12.17	cps
Krypton	83-1	330	290	307	309	6.50	cps
Lead	206-1	30492	30058	30242	30264	0.72	cps
Lead	207-1	24457	25726	25331	25171	2.58	cps
Lead	208-1	117380	118075	117724	117726	0.30	cps
Lithium	6-1	474664	473562	475373	474533	0.19	cps
Magnesium	24-2	251338	254118	251526	252327	0.62	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01LX5	Instrumnet Name :	P8
Client Sample ID :	390522109.3L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 16:44:02	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	647	697	803	716	11.18	cps
Molybdenum	94-1	1892	2109	1700	1900	10.75	cps
Molybdenum	95-1	3309	3042	3217	3189	4.25	cps
Molybdenum	96-1	3567	3317	3092	3326	7.15	cps
Molybdenum	97-1	2134	2425	2050	2203	8.94	cps
Molybdenum	98-1	5268	4943	5234	5148	3.47	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	263	260	263	262	0.73	cps
Phosphorus	31-2	433	417	258	369	26.14	cps
Potassium	39-2	39873	39815	40659	40116	1.17	cps
Rhodium	103-1	2036066	2046557	2016008	2032877	0.76	cps
Rhodium	103-2	1610259	1621338	1567316	1599638	1.78	cps
Scandium	45-1	1568066	1576086	1626564	1590239	1.99	cps
Scandium	45-2	89949	91217	89284	90150	1.09	cps
Selenium	77-2	3	0	13	6	124.93	cps
Selenium	78-2	35	32	45	37	18.23	cps
Selenium	82-1	-15	-3	18	0	-55679.81	cps
Silicon	28-1	3786319	3797709	3935734	3839921	2.17	cps
Silver	109-1	258	183	158	200	26.02	cps
Silver	107-1	192	217	133	181	23.68	cps
Sodium	23-2	529576	526631	530160	528789	0.36	cps
Strontium	86-1	113368	112536	114360	113421	0.81	cps
Strontium	88-1	1002420	991829	993037	995762	0.58	cps
Sulfur	34-1	210631	211274	213913	211939	0.82	cps
Terbium	159-1	2560921	2447503	2429840	2479421	2.87	cps
Terbium	159-2	1932088	1930515	1940706	1934436	0.28	cps
Thallium	203-1	17	8	25	17	50.01	cps
Thallium	205-1	67	142	58	89	51.63	cps
Tin	118-1	9454	10029	9387	9623	3.67	cps
Titanium	47-1	1492	1483	1708	1561	8.17	cps
Uranium	238-1	8670	8045	8995	8570	5.64	cps
Vanadium	51-2	327	340	293	320	7.51	cps
Yttrium	89-1	2406137	2393213	2347577	2382309	1.29	cps
Yttrium	89-2	533162	529577	529510	530750	0.39	cps
Zinc	66-2	3284	3140	3300	3242	2.71	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01LX5	Instrumnet Name :	P8
Client Sample ID :	390522109.3L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 16:44:02	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	183	225	183	197	12.20	cps
Zirconium	91-1	42	67	58	56	22.91	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01MS	Instrumnet Name :	P8
Client Sample ID :	390522109.3MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:47:42	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	51962	51711	52447	52040	0.72	cps
Antimony	121-1	2497863	2460738	2497572	2485391	0.86	cps
Arsenic	75-2	189425	191748	192745	191306	0.89	cps
Barium	135-1	158454	162789	161457	160900	1.38	cps
Barium	137-1	271788	271719	275153	272886	0.72	cps
Beryllium	9-1	122628	127167	124936	124911	1.82	cps
Bismuth	209-1	1390266	1409099	1382983	1394116	0.97	cps
Bismuth	209-2	1294393	1302813	1293984	1297063	0.38	cps
Boron	10-1	25398	25281	27769	26149	5.37	cps
Boron	11-1	126672	127967	131741	128793	2.04	cps
Cadmium	111-1	145206	147651	148154	147004	1.07	cps
Cadmium	106-1	13432	13657	13832	13641	1.47	cps
Cadmium	108-1	9741	9458	9979	9726	2.68	cps
Calcium	43-1	399086	401195	396680	398987	0.57	cps
Calcium	44-1	6471450	6513982	6536949	6507460	0.51	cps
Chromium	52-2	533084	527742	531704	530843	0.52	cps
Cobalt	59-2	429789	438682	431291	433254	1.10	cps
Copper	63-2	996753	991618	997356	995243	0.32	cps
Dysprosium	156-1	108262	109605	108496	108788	0.66	cps
Dysprosium	156-2	24309	24673	24336	24440	0.83	cps
Erbium	164-1	33	42	33	36	13.33	cps
Erbium	164-2	40	33	37	37	9.10	cps
Gadolinium	160-1	42	108	100	83	43.59	cps
Gadolinium	160-2	30	37	47	38	22.21	cps
Holmium	165-1	2245386	2284015	2252899	2260767	0.91	cps
Holmium	165-2	1911020	1897863	1892482	1900455	0.50	cps
Indium	115-1	2012012	2047012	2027018	2028681	0.87	cps
Indium	115-2	612801	618212	625594	618869	1.04	cps
Iron	56-2	3491522	3524266	3549867	3521885	0.83	cps
Iron	57-2	85091	88266	85996	86451	1.89	cps
Krypton	83-1	270	330	310	303	10.07	cps
Lead	206-1	1900902	1893415	1901310	1898542	0.23	cps
Lead	207-1	1597225	1637683	1604547	1613152	1.34	cps
Lead	208-1	7446940	7584050	7478188	7503059	0.96	cps
Lithium	6-1	452428	456005	460611	456348	0.90	cps
Magnesium	24-2	1350602	1374696	1398369	1374556	1.74	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01MS	Instrumnet Name :	P8
Client Sample ID :	390522109.3MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:47:42	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	137863	139239	139077	138726	0.54	cps
Molybdenum	94-1	310504	313314	311749	311856	0.45	cps
Molybdenum	95-1	544962	543024	548610	545532	0.52	cps
Molybdenum	96-1	583899	588797	594396	589031	0.89	cps
Molybdenum	97-1	338263	343689	337452	339801	1.00	cps
Molybdenum	98-1	851090	866209	864038	860445	0.95	cps
Neodymium	150-1	47	60	53	53	12.50	cps
Neodymium	150-2	23	10	10	14	53.28	cps
Nickel	60-2	290428	291435	295244	292369	0.87	cps
Phosphorus	31-2	15534	15734	15851	15706	1.02	cps
Potassium	39-2	880333	909165	908866	899455	1.84	cps
Rhodium	103-1	1968429	1942264	1963028	1957907	0.71	cps
Rhodium	103-2	1533477	1535837	1574972	1548095	1.51	cps
Scandium	45-1	1562052	1550787	1579505	1564115	0.93	cps
Scandium	45-2	88275	88191	89432	88633	0.78	cps
Selenium	77-2	6912	6898	7075	6962	1.41	cps
Selenium	78-2	23558	23731	23845	23711	0.61	cps
Selenium	82-1	102115	103863	103892	103290	0.99	cps
Silicon	28-1	12630073	12745510	12797929	12724504	0.67	cps
Silver	109-1	247021	247938	246156	247038	0.36	cps
Silver	107-1	259287	260252	258735	259425	0.30	cps
Sodium	23-2	2852325	2882564	2910821	2881903	1.02	cps
Strontium	86-1	742583	740001	738286	740290	0.29	cps
Strontium	88-1	6308022	6353527	6307476	6323008	0.42	cps
Sulfur	34-1	295032	296983	298122	296712	0.53	cps
Terbium	159-1	2469923	2509040	2434335	2471099	1.51	cps
Terbium	159-2	1962563	1982250	1979522	1974779	0.54	cps
Thallium	203-1	4120151	4171544	4088681	4126792	1.01	cps
Thallium	205-1	9480701	9694599	9755002	9643434	1.49	cps
Tin	118-1	1452371	1474955	1457197	1461508	0.81	cps
Titanium	47-1	83901	85393	83214	84169	1.32	cps
Uranium	238-1	43928	44112	43585	43875	0.61	cps
Vanadium	51-2	320495	321508	322125	321376	0.26	cps
Yttrium	89-1	2312029	2363949	2283232	2319737	1.76	cps
Yttrium	89-2	519716	520157	527496	522456	0.84	cps
Zinc	66-2	69392	70833	70397	70207	1.05	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01MS	Instrumnet Name :	P8
Client Sample ID :	390522109.3MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:47:42	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1700	1258	1408	1456	15.43	cps
Zirconium	91-1	492	733	608	611	19.78	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01MSD	Instrumnet Name :	P8
Client Sample ID :	390522109.3MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:51:18	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52414	51895	51076	51795	1.30	cps
Antimony	121-1	2503003	2535074	2538124	2525400	0.77	cps
Arsenic	75-2	190285	191251	190598	190711	0.26	cps
Barium	135-1	158368	159753	161346	159822	0.93	cps
Barium	137-1	272679	273770	278188	274879	1.06	cps
Beryllium	9-1	123256	124432	129498	125729	2.64	cps
Bismuth	209-1	1413396	1424836	1426163	1421465	0.49	cps
Bismuth	209-2	1300636	1316394	1295987	1304339	0.82	cps
Boron	10-1	26091	27059	28212	27121	3.91	cps
Boron	11-1	130002	131775	138826	133534	3.50	cps
Cadmium	111-1	144809	148460	147233	146834	1.27	cps
Cadmium	106-1	13174	14250	13499	13641	4.05	cps
Cadmium	108-1	9787	9666	10112	9855	2.34	cps
Calcium	43-1	400353	403439	408374	404056	1.00	cps
Calcium	44-1	6672975	6689512	6759622	6707370	0.69	cps
Chromium	52-2	524405	526310	526777	525830	0.24	cps
Cobalt	59-2	423520	426209	432041	427257	1.02	cps
Copper	63-2	991269	1003183	994962	996471	0.61	cps
Dysprosium	156-1	105800	105994	107624	106472	0.94	cps
Dysprosium	156-2	24506	24149	23621	24092	1.85	cps
Erbium	164-1	83	67	67	72	13.33	cps
Erbium	164-2	27	30	37	31	16.37	cps
Gadolinium	160-1	58	50	42	50	16.67	cps
Gadolinium	160-2	33	53	40	42	24.12	cps
Holmium	165-1	2296784	2284033	2320936	2300584	0.81	cps
Holmium	165-2	1888511	1927271	1890721	1902167	1.14	cps
Indium	115-1	2051705	2059397	2076240	2062447	0.61	cps
Indium	115-2	614123	623135	620807	619355	0.76	cps
Iron	56-2	3484619	3493536	3544050	3507402	0.91	cps
Iron	57-2	84403	83990	85683	84692	1.04	cps
Krypton	83-1	370	270	317	319	15.69	cps
Lead	206-1	1870744	1907395	1881101	1886413	1.00	cps
Lead	207-1	1596198	1626946	1603715	1608953	1.00	cps
Lead	208-1	7476840	7533794	7494046	7501560	0.39	cps
Lithium	6-1	462488	466698	473924	467703	1.24	cps
Magnesium	24-2	1365229	1416253	1379118	1386867	1.90	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01MSD	Instrumnet Name :	P8
Client Sample ID :	390522109.3MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:51:18	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	135810	136994	138738	137180	1.07	cps
Molybdenum	94-1	314389	315934	319077	316467	0.75	cps
Molybdenum	95-1	549729	554485	553458	552557	0.45	cps
Molybdenum	96-1	590804	598167	599716	596229	0.80	cps
Molybdenum	97-1	346855	350262	346633	347917	0.58	cps
Molybdenum	98-1	879153	903623	891929	891568	1.37	cps
Neodymium	150-1	20	20	20	20	0.00	cps
Neodymium	150-2	10	10	23	14	53.28	cps
Nickel	60-2	286942	290826	291389	289719	0.84	cps
Phosphorus	31-2	15317	15317	14558	15064	2.91	cps
Potassium	39-2	863021	887125	891014	880386	1.72	cps
Rhodium	103-1	1960687	1996994	2009363	1989015	1.27	cps
Rhodium	103-2	1542989	1556186	1539195	1546123	0.58	cps
Scandium	45-1	1568992	1593164	1624798	1595651	1.75	cps
Scandium	45-2	88036	88547	87543	88042	0.57	cps
Selenium	77-2	6625	6788	7099	6837	3.52	cps
Selenium	78-2	23623	23883	23906	23804	0.66	cps
Selenium	82-1	104287	106001	105802	105364	0.89	cps
Silicon	28-1	12790177	13048342	13606078	13148199	3.17	cps
Silver	109-1	245392	244517	245300	245070	0.20	cps
Silver	107-1	258393	260296	260340	259676	0.43	cps
Sodium	23-2	2915346	2963113	2971506	2949988	1.03	cps
Strontium	86-1	747048	752245	758197	752496	0.74	cps
Strontium	88-1	6425529	6378176	6563119	6455608	1.49	cps
Sulfur	34-1	296380	296478	303613	298824	1.39	cps
Terbium	159-1	2491395	2482318	2497259	2490324	0.30	cps
Terbium	159-2	1950562	1943714	1938562	1944280	0.31	cps
Thallium	203-1	4095532	4179602	4144363	4139832	1.02	cps
Thallium	205-1	9689784	9769189	9687792	9715588	0.48	cps
Tin	118-1	1477006	1493851	1476328	1482395	0.67	cps
Titanium	47-1	84471	86474	86390	85778	1.32	cps
Uranium	238-1	45074	45776	46487	45779	1.54	cps
Vanadium	51-2	316430	317584	320016	318010	0.58	cps
Yttrium	89-1	2331398	2319812	2380709	2343973	1.38	cps
Yttrium	89-2	519251	524177	519475	520968	0.53	cps
Zinc	66-2	68900	69480	70511	69630	1.17	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01MSD	Instrumnet Name :	P8
Client Sample ID :	390522109.3MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:51:18	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1658	1650	1483	1597	6.18	cps
Zirconium	91-1	717	567	542	608	15.56	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01A	Instrumnet Name :	P8
Client Sample ID :	390522109.3A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:54:53	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53201	51410	51920	52177	1.77	cps
Antimony	121-1	2524350	2557243	2575677	2552423	1.02	cps
Arsenic	75-2	190708	192589	193079	192125	0.65	cps
Barium	135-1	162284	161449	162375	162036	0.32	cps
Barium	137-1	280656	275637	282369	279554	1.25	cps
Beryllium	9-1	125374	129403	131229	128669	2.33	cps
Bismuth	209-1	1423951	1431413	1449024	1434796	0.90	cps
Bismuth	209-2	1317932	1329847	1323669	1323816	0.45	cps
Boron	10-1	25924	27301	27752	26992	3.53	cps
Boron	11-1	131256	134459	138470	134729	2.68	cps
Cadmium	111-1	147182	150942	150339	149488	1.35	cps
Cadmium	106-1	13966	14450	14400	14272	1.86	cps
Cadmium	108-1	9937	9912	10054	9968	0.76	cps
Calcium	43-1	397152	404384	414080	405205	2.10	cps
Calcium	44-1	6703607	6592812	6775105	6690508	1.37	cps
Chromium	52-2	531157	539000	537375	535844	0.77	cps
Cobalt	59-2	436051	435641	433440	435044	0.32	cps
Copper	63-2	1003784	1001418	1004719	1003307	0.17	cps
Dysprosium	156-1	106590	108429	109732	108250	1.46	cps
Dysprosium	156-2	23959	24400	24453	24270	1.12	cps
Erbium	164-1	33	67	50	50	33.34	cps
Erbium	164-2	43	37	60	47	25.75	cps
Gadolinium	160-1	83	83	50	72	26.65	cps
Gadolinium	160-2	37	77	37	50	46.18	cps
Holmium	165-1	2283154	2337853	2320657	2313888	1.21	cps
Holmium	165-2	1900151	1930216	1953994	1928120	1.40	cps
Indium	115-1	2042162	2064681	2071533	2059459	0.75	cps
Indium	115-2	618298	624549	626963	623270	0.72	cps
Iron	56-2	3553319	3543746	3551848	3549638	0.15	cps
Iron	57-2	87164	87316	86662	87047	0.39	cps
Krypton	83-1	287	337	337	320	9.02	cps
Lead	206-1	1934025	1955180	1950124	1946443	0.57	cps
Lead	207-1	1622699	1704320	1682243	1669754	2.53	cps
Lead	208-1	7648899	7792768	7766245	7735971	0.99	cps
Lithium	6-1	467367	475203	480683	474418	1.41	cps
Magnesium	24-2	1392836	1409965	1433525	1412109	1.45	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01A	Instrumnet Name :	P8
Client Sample ID :	390522109.3A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:54:53	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	138623	138939	140841	139468	0.86	cps
Molybdenum	94-1	319612	319683	324146	321147	0.81	cps
Molybdenum	95-1	551899	554128	565774	557267	1.34	cps
Molybdenum	96-1	599037	598629	607568	601745	0.84	cps
Molybdenum	97-1	346099	348349	353469	349306	1.08	cps
Molybdenum	98-1	885098	892964	907509	895190	1.27	cps
Neodymium	150-1	27	13	47	29	58.08	cps
Neodymium	150-2	27	27	27	27	0.00	cps
Nickel	60-2	293955	291439	296314	293903	0.83	cps
Phosphorus	31-2	15200	15183	15150	15178	0.17	cps
Potassium	39-2	888318	910768	903133	900740	1.27	cps
Rhodium	103-1	1967729	2023857	2017511	2003032	1.53	cps
Rhodium	103-2	1567496	1592151	1575120	1578255	0.80	cps
Scandium	45-1	1609610	1561954	1634859	1602141	2.31	cps
Scandium	45-2	88311	89435	90254	89333	1.09	cps
Selenium	77-2	7205	6965	7142	7104	1.75	cps
Selenium	78-2	23683	23810	23980	23824	0.63	cps
Selenium	82-1	105662	105819	107578	106353	1.00	cps
Silicon	28-1	12720839	12991970	13190511	12967774	1.82	cps
Silver	109-1	250367	253251	249458	251025	0.79	cps
Silver	107-1	261538	263482	268663	264561	1.39	cps
Sodium	23-2	2968611	3007086	2908279	2961325	1.68	cps
Strontium	86-1	749531	753284	766505	756440	1.18	cps
Strontium	88-1	6494332	6459248	6542071	6498550	0.64	cps
Sulfur	34-1	289439	293119	296060	292873	1.13	cps
Terbium	159-1	2490675	2560552	2511395	2520874	1.42	cps
Terbium	159-2	1959302	2013070	2014671	1995681	1.58	cps
Thallium	203-1	4195143	4290929	4292786	4259619	1.31	cps
Thallium	205-1	9904383	10023250	9996075	9974570	0.62	cps
Tin	118-1	1480009	1488307	1483505	1483940	0.28	cps
Titanium	47-1	85377	89303	85820	86833	2.48	cps
Uranium	238-1	44932	45032	45893	45286	1.17	cps
Vanadium	51-2	325988	320855	326695	324513	0.98	cps
Yttrium	89-1	2355360	2364787	2385398	2368515	0.65	cps
Yttrium	89-2	520603	536640	526989	528077	1.53	cps
Zinc	66-2	70973	70963	70166	70701	0.66	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3056-01A	Instrumnet Name :	P8
Client Sample ID :	390522109.3A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:54:53	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1525	1642	1417	1528	7.37	cps
Zirconium	91-1	508	525	675	569	16.12	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:58:29	DataFile Name :	062CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1456105	1503498	1498547	1486050	1.75	cps
Antimony	121-1	1545884	1603942	1633039	1594288	2.78	cps
Arsenic	75-2	117902	117967	118587	118152	0.32	cps
Barium	135-1	1542280	1586506	1556815	1561867	1.44	cps
Barium	137-1	2630856	2719137	2738482	2696159	2.13	cps
Beryllium	9-1	317406	327831	333879	326372	2.55	cps
Bismuth	209-1	1367231	1386918	1389176	1381109	0.87	cps
Bismuth	209-2	1271663	1272376	1264570	1269536	0.34	cps
Boron	10-1	37040	37959	39513	38171	3.28	cps
Boron	11-1	180539	187290	195172	187667	3.90	cps
Cadmium	111-1	358139	361888	366179	362069	1.11	cps
Cadmium	106-1	37327	38790	38731	38283	2.16	cps
Cadmium	108-1	25921	26585	26660	26388	1.54	cps
Calcium	43-1	2169368	2160317	2192066	2173917	0.75	cps
Calcium	44-1	34991386	35794805	36051817	35612670	1.55	cps
Chromium	52-2	658908	668579	672658	666715	1.06	cps
Cobalt	59-2	1070063	1076992	1065852	1070969	0.53	cps
Copper	63-2	1536397	1511970	1524214	1524193	0.80	cps
Dysprosium	156-1	33	33	58	42	34.65	cps
Dysprosium	156-2	27	7	10	14	74.18	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	13	3	10	9	57.30	cps
Gadolinium	160-1	25	33	25	28	17.31	cps
Gadolinium	160-2	17	27	13	19	36.75	cps
Holmium	165-1	2319295	2331930	2347316	2332847	0.60	cps
Holmium	165-2	1943000	1932262	1964411	1946558	0.84	cps
Indium	115-1	2036590	2048657	2023057	2036101	0.63	cps
Indium	115-2	610828	613211	611605	611881	0.20	cps
Iron	56-2	127875747	130848578	128887881	129204069	1.17	cps
Iron	57-2	3183875	3258180	3279794	3240616	1.55	cps
Krypton	83-1	370	327	347	348	6.24	cps
Lead	206-1	806088	818207	826609	816968	1.26	cps
Lead	207-1	724909	735733	743076	734573	1.24	cps
Lead	208-1	3342029	3392813	3392027	3375623	0.86	cps
Lithium	6-1	474981	485516	487873	482790	1.42	cps
Magnesium	24-2	16807775	17215480	17201939	17075065	1.36	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:58:29	DataFile Name :	062CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	691699	695557	697782	695013	0.44	cps
Molybdenum	94-1	2731568	2902702	2868733	2834334	3.20	cps
Molybdenum	95-1	3351588	3523583	3531825	3468998	2.93	cps
Molybdenum	96-1	3712475	3875925	3839787	3809396	2.25	cps
Molybdenum	97-1	2129214	2221090	2201454	2183919	2.22	cps
Molybdenum	98-1	5470583	5617135	5576008	5554575	1.36	cps
Neodymium	150-1	87	80	80	82	4.68	cps
Neodymium	150-2	10	17	13	13	25.01	cps
Nickel	60-2	286835	287746	288072	287551	0.22	cps
Phosphorus	31-2	24906	25674	24839	25139	1.85	cps
Potassium	39-2	9576731	9887921	9796368	9753673	1.64	cps
Rhodium	103-1	1916189	1948972	1921116	1928759	0.92	cps
Rhodium	103-2	1514730	1500237	1493759	1502908	0.71	cps
Scandium	45-1	1610432	1641201	1639513	1630382	1.06	cps
Scandium	45-2	91629	91163	92717	91836	0.87	cps
Selenium	77-2	1840	1620	1727	1729	6.36	cps
Selenium	78-2	5712	5915	5873	5833	1.84	cps
Selenium	82-1	23738	24328	24762	24276	2.12	cps
Silicon	28-1	2663795	2687388	2736648	2695944	1.38	cps
Silver	109-1	1572191	1620055	1619771	1604006	1.72	cps
Silver	107-1	1655046	1695117	1698746	1682970	1.44	cps
Sodium	23-2	34261350	34470228	34798310	34509963	0.78	cps
Strontium	86-1	424126	440300	445260	436562	2.53	cps
Strontium	88-1	3720892	3882151	3801353	3801465	2.12	cps
Sulfur	34-1	317228	322797	324583	321536	1.19	cps
Terbium	159-1	2464726	2489166	2510848	2488247	0.93	cps
Terbium	159-2	1951522	1940707	1980825	1957685	1.06	cps
Thallium	203-1	994789	1010133	1000158	1001694	0.78	cps
Thallium	205-1	2415256	2465382	2444553	2441730	1.03	cps
Tin	118-1	1017274	1043113	1043999	1034795	1.47	cps
Titanium	47-1	1056480	1079325	1122341	1086049	3.08	cps
Uranium	238-1	3176526	3204808	3264226	3215187	1.39	cps
Vanadium	51-2	541943	550608	547724	546758	0.81	cps
Yttrium	89-1	2316653	2425330	2399240	2380408	2.38	cps
Yttrium	89-2	521078	525209	524352	523546	0.42	cps
Zinc	66-2	267877	271701	267411	268996	0.88	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 16:58:29	DataFile Name :	062CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2301971	2422299	2416787	2380353	2.85	cps
Zirconium	91-1	496466	525801	530337	517534	3.55	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:02:04	DataFile Name :	063CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	58	83	81	26.03	cps
Antimony	121-1	392	442	408	414	6.15	cps
Arsenic	75-2	17	17	15	16	7.07	cps
Barium	135-1	50	58	25	44	39.03	cps
Barium	137-1	83	67	83	78	12.37	cps
Beryllium	9-1	67	94	83	81	17.16	cps
Bismuth	209-1	1504526	1506588	1515312	1508809	0.38	cps
Bismuth	209-2	1394416	1356568	1335230	1362071	2.20	cps
Boron	10-1	892	875	892	886	1.09	cps
Boron	11-1	4126	4134	3934	4065	2.78	cps
Cadmium	111-1	437	385	437	420	7.16	cps
Cadmium	106-1	617	550	617	594	6.47	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Calcium	43-1	608	600	642	617	3.58	cps
Calcium	44-1	14433	14099	14483	14338	1.45	cps
Chromium	52-2	790	743	643	726	10.33	cps
Cobalt	59-2	53	67	77	66	17.86	cps
Copper	63-2	990	1117	920	1009	9.88	cps
Dysprosium	156-1	33	0	8	14	124.91	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	8	17	17	50.01	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	25	8	8	14	69.31	cps
Gadolinium	160-2	17	7	7	10	57.72	cps
Holmium	165-1	2341876	2397935	2396710	2378840	1.35	cps
Holmium	165-2	2043201	1957314	1945108	1981874	2.70	cps
Indium	115-1	2221054	2179700	2208417	2203057	0.96	cps
Indium	115-2	677874	657079	643071	659341	2.66	cps
Iron	56-2	3823	3934	3923	3893	1.57	cps
Iron	57-2	94	122	133	117	17.17	cps
Krypton	83-1	353	297	303	318	9.75	cps
Lead	206-1	550	600	500	550	9.09	cps
Lead	207-1	561	461	533	519	9.95	cps
Lead	208-1	2489	2189	2200	2293	7.42	cps
Lithium	6-1	512062	511078	517942	513694	0.72	cps
Magnesium	24-2	408	283	325	339	18.78	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:02:04	DataFile Name :	063CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	77	60	40	59	31.18	cps
Molybdenum	94-1	183	167	150	167	10.00	cps
Molybdenum	95-1	92	133	133	119	20.14	cps
Molybdenum	96-1	117	117	167	133	21.65	cps
Molybdenum	97-1	217	175	233	208	14.42	cps
Molybdenum	98-1	167	150	150	156	6.19	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	117	117	163	132	20.38	cps
Phosphorus	31-2	392	275	333	333	17.50	cps
Potassium	39-2	24138	24054	23629	23940	1.14	cps
Rhodium	103-1	2104768	2126964	2130689	2120807	0.66	cps
Rhodium	103-2	1692296	1648687	1615952	1652312	2.32	cps
Scandium	45-1	1676237	1672543	1730397	1693059	1.91	cps
Scandium	45-2	96405	94025	92032	94154	2.33	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	29	26	29	28	6.19	cps
Selenium	82-1	-59	2	-3	-20	-169.64	cps
Silicon	28-1	1971774	2001098	2022049	1998307	1.26	cps
Silver	109-1	792	567	583	647	19.37	cps
Silver	107-1	917	600	433	650	37.77	cps
Sodium	23-2	27418	26725	27059	27068	1.28	cps
Strontium	86-1	450	433	483	456	5.59	cps
Strontium	88-1	225	200	225	217	6.66	cps
Sulfur	34-1	189546	193913	196565	193341	1.83	cps
Terbium	159-1	2540678	2615857	2621844	2592793	1.74	cps
Terbium	159-2	2053063	1997820	1975847	2008910	1.98	cps
Thallium	203-1	158	175	167	167	5.00	cps
Thallium	205-1	433	350	308	364	17.49	cps
Tin	118-1	383	358	317	353	9.55	cps
Titanium	47-1	1583	1742	1467	1597	8.64	cps
Uranium	238-1	8	50	50	36	66.62	cps
Vanadium	51-2	13	27	33	24	41.66	cps
Yttrium	89-1	2462457	2440896	2479539	2460964	0.79	cps
Yttrium	89-2	552516	537689	531978	540728	1.96	cps
Zinc	66-2	210	193	207	203	4.34	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:02:04	DataFile Name :	063CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	200	300	233	244	20.83	cps
Zirconium	91-1	33	75	75	61	39.37	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120045BL	Instrumnet Name :	P8
Client Sample ID :	PB120045BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:19:24	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	58	67	50	44.10	cps
Antimony	121-1	192	158	158	169	11.36	cps
Arsenic	75-2	5	3	5	4	26.65	cps
Barium	135-1	17	17	17	17	0.00	cps
Barium	137-1	42	33	50	42	20.00	cps
Beryllium	9-1	28	50	61	46	36.66	cps
Bismuth	209-1	1386072	1387270	1382727	1385356	0.17	cps
Bismuth	209-2	1238543	1254446	1240906	1244632	0.69	cps
Boron	10-1	517	550	642	569	11.37	cps
Boron	11-1	2675	2325	2500	2500	7.00	cps
Cadmium	111-1	348	413	344	368	10.44	cps
Cadmium	106-1	492	583	483	519	10.68	cps
Cadmium	108-1	0	0	4	1	173.21	cps
Calcium	43-1	433	550	533	506	12.48	cps
Calcium	44-1	13440	13649	14024	13704	2.16	cps
Chromium	52-2	790	797	737	774	4.25	cps
Cobalt	59-2	37	40	87	54	51.35	cps
Copper	63-2	710	767	800	759	6.00	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	8	0	17	8	100.02	cps
Erbium	164-2	7	17	17	13	43.29	cps
Gadolinium	160-1	8	25	25	19	49.50	cps
Gadolinium	160-2	10	33	10	18	75.77	cps
Holmium	165-1	2219307	2207737	2231332	2219459	0.53	cps
Holmium	165-2	1792874	1771341	1762629	1775615	0.88	cps
Indium	115-1	2007282	2026181	2021517	2018327	0.49	cps
Indium	115-2	594465	594655	597481	595533	0.28	cps
Iron	56-2	2334	2506	2678	2506	6.87	cps
Iron	57-2	100	89	100	96	6.66	cps
Krypton	83-1	373	320	300	331	11.45	cps
Lead	206-1	211	228	222	220	3.85	cps
Lead	207-1	194	183	189	189	2.94	cps
Lead	208-1	894	1050	806	917	13.50	cps
Lithium	6-1	478655	483320	485347	482441	0.71	cps
Magnesium	24-2	142	100	92	111	24.11	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120045BL	Instrumnet Name :	P8
Client Sample ID :	PB120045BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:19:24	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	70	50	56	22.71	cps
Molybdenum	94-1	100	183	92	125	40.55	cps
Molybdenum	95-1	50	108	117	92	39.63	cps
Molybdenum	96-1	117	117	92	108	13.32	cps
Molybdenum	97-1	200	217	200	206	4.68	cps
Molybdenum	98-1	150	50	33	78	81.13	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	117	100	117	111	8.66	cps
Phosphorus	31-2	233	225	350	269	25.94	cps
Potassium	39-2	21534	21976	22343	21951	1.85	cps
Rhodium	103-1	1943502	1976585	1991377	1970488	1.24	cps
Rhodium	103-2	1489725	1479065	1483501	1484097	0.36	cps
Scandium	45-1	1503520	1536741	1513542	1517934	1.12	cps
Scandium	45-2	83271	84870	83647	83929	1.00	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	28	29	34	30	10.60	cps
Selenium	82-1	-57	-61	-25	-48	-41.47	cps
Silicon	28-1	1892357	1961603	1976509	1943489	2.31	cps
Silver	109-1	100	150	92	114	27.70	cps
Silver	107-1	108	150	133	131	16.06	cps
Sodium	23-2	19046	18804	19063	18971	0.76	cps
Strontium	86-1	442	392	375	403	8.61	cps
Strontium	88-1	225	233	150	203	22.63	cps
Sulfur	34-1	193803	193872	196684	194786	0.84	cps
Terbium	159-1	2429981	2392549	2424746	2415758	0.84	cps
Terbium	159-2	1817117	1823368	1848832	1829772	0.92	cps
Thallium	203-1	92	8	42	47	88.83	cps
Thallium	205-1	125	100	100	108	13.32	cps
Tin	118-1	300	275	200	258	20.14	cps
Titanium	47-1	1633	1492	1700	1608	6.62	cps
Uranium	238-1	83	50	50	61	31.50	cps
Vanadium	51-2	33	7	30	23	62.26	cps
Yttrium	89-1	2240432	2259254	2284070	2261252	0.97	cps
Yttrium	89-2	488611	480603	484748	484654	0.83	cps
Zinc	66-2	197	267	220	228	15.65	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120045BL	Instrumnet Name :	P8
Client Sample ID :	PB120045BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:19:24	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	158	225	258	214	23.80	cps
Zirconium	91-1	42	25	58	42	40.00	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120045BS	Instrumnet Name :	P8
Client Sample ID :	PB120045BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:23:05	DataFile Name :	066LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250690	254969	253192	252950	0.85	cps
Antimony	121-1	1558732	1547414	1573862	1560003	0.85	cps
Arsenic	75-2	109554	110657	110288	110166	0.51	cps
Barium	135-1	1485396	1507111	1506687	1499732	0.83	cps
Barium	137-1	2596302	2594174	2625706	2605394	0.68	cps
Beryllium	9-1	306788	301712	308071	305524	1.10	cps
Bismuth	209-1	1320661	1338960	1365577	1341733	1.68	cps
Bismuth	209-2	1232171	1231334	1244064	1235856	0.58	cps
Boron	10-1	33857	34367	35394	34539	2.27	cps
Boron	11-1	167940	169114	171860	169638	1.19	cps
Cadmium	111-1	352434	351021	355964	353140	0.72	cps
Cadmium	106-1	37093	37996	37653	37580	1.21	cps
Cadmium	108-1	25775	24911	26217	25634	2.59	cps
Calcium	43-1	418616	417400	421700	419239	0.53	cps
Calcium	44-1	6856628	6875068	7009233	6913643	1.20	cps
Chromium	52-2	607879	620525	616547	614983	1.05	cps
Cobalt	59-2	994343	1004188	999772	999434	0.49	cps
Copper	63-2	1438391	1445260	1456699	1446783	0.64	cps
Dysprosium	156-1	25	42	0	22	94.38	cps
Dysprosium	156-2	3	17	3	8	99.04	cps
Erbium	164-1	0	8	8	6	86.60	cps
Erbium	164-2	7	13	10	10	33.30	cps
Gadolinium	160-1	8	8	17	11	43.34	cps
Gadolinium	160-2	10	13	13	12	15.73	cps
Holmium	165-1	2285834	2171814	2208804	2222151	2.62	cps
Holmium	165-2	1799088	1791550	1848996	1813211	1.72	cps
Indium	115-1	1975942	1998556	2011704	1995400	0.91	cps
Indium	115-2	588919	589085	593056	590353	0.40	cps
Iron	56-2	24311455	24814822	25156339	24760872	1.72	cps
Iron	57-2	602608	611958	617538	610701	1.24	cps
Krypton	83-1	360	397	340	366	7.86	cps
Lead	206-1	793758	779374	785376	786169	0.92	cps
Lead	207-1	703689	702276	699927	701964	0.27	cps
Lead	208-1	3229281	3166795	3241082	3212386	1.24	cps
Lithium	6-1	475651	471815	473399	473622	0.41	cps
Magnesium	24-2	3359655	3290918	3235554	3295375	1.89	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120045BS	Instrumnet Name :	P8
Client Sample ID :	PB120045BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:23:05	DataFile Name :	066LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	630346	643461	643634	639147	1.19	cps
Molybdenum	94-1	2664825	2630133	2665815	2653591	0.77	cps
Molybdenum	95-1	3303070	3186453	3261826	3250450	1.82	cps
Molybdenum	96-1	3663075	3613468	3657615	3644719	0.75	cps
Molybdenum	97-1	2087954	2068162	2102570	2086229	0.83	cps
Molybdenum	98-1	5240550	5165757	5197098	5201135	0.72	cps
Neodymium	150-1	73	80	107	87	20.36	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	270929	270245	271156	270777	0.18	cps
Phosphorus	31-2	22852	22710	23829	23131	2.63	cps
Potassium	39-2	1842930	1855927	1887889	1862249	1.24	cps
Rhodium	103-1	1911565	1885142	1902999	1899902	0.71	cps
Rhodium	103-2	1447086	1452892	1455943	1451974	0.31	cps
Scandium	45-1	1511069	1505168	1560086	1525441	1.98	cps
Scandium	45-2	84250	85025	86414	85230	1.29	cps
Selenium	77-2	1583	1797	1750	1710	6.56	cps
Selenium	78-2	5373	5481	5426	5426	1.00	cps
Selenium	82-1	22995	23500	23323	23273	1.10	cps
Silicon	28-1	2623121	2645495	2613387	2627335	0.63	cps
Silver	109-1	1579106	1552485	1589685	1573759	1.22	cps
Silver	107-1	1614690	1647305	1691539	1651178	2.34	cps
Sodium	23-2	6647871	6602013	6563381	6604422	0.64	cps
Strontium	86-1	412242	412860	413326	412809	0.13	cps
Strontium	88-1	3620719	3619995	3536399	3592371	1.35	cps
Sulfur	34-1	313019	315592	308100	312237	1.22	cps
Terbium	159-1	2449494	2410510	2428594	2429532	0.80	cps
Terbium	159-2	1855992	1870170	1858119	1861427	0.41	cps
Thallium	203-1	977122	966552	966419	970031	0.63	cps
Thallium	205-1	2412931	2334696	2312602	2353410	2.24	cps
Tin	118-1	996668	994666	993035	994790	0.18	cps
Titanium	47-1	1006533	1002595	1039127	1016085	1.97	cps
Uranium	238-1	3060005	2993265	3068978	3040749	1.36	cps
Vanadium	51-2	499934	501545	507989	503156	0.85	cps
Yttrium	89-1	2245363	2258303	2282136	2261934	0.82	cps
Yttrium	89-2	497056	497383	496980	497140	0.04	cps
Zinc	66-2	255118	256479	256442	256013	0.30	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	PB120045BS	Instrumnet Name :	P8
Client Sample ID :	PB120045BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:23:05	DataFile Name :	066LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2280315	2257498	2279171	2272328	0.57	cps
Zirconium	91-1	492521	488148	495150	491940	0.72	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-01	Instrumnet Name :	P8
Client Sample ID :	S32-0657	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:26:41	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27093	27987	28525	27868	2.60	cps
Antimony	121-1	7302	7019	7252	7191	2.10	cps
Arsenic	75-2	450	434	468	451	3.78	cps
Barium	135-1	10921	11055	10780	10919	1.26	cps
Barium	137-1	18313	19598	19139	19017	3.42	cps
Beryllium	9-1	72	78	33	61	39.63	cps
Bismuth	209-1	2222585	2158006	2115755	2165448	2.48	cps
Bismuth	209-2	1796969	1721692	1733897	1750853	2.31	cps
Boron	10-1	1033	883	1008	975	8.24	cps
Boron	11-1	4893	4793	5076	4920	2.92	cps
Cadmium	111-1	396	289	429	371	19.66	cps
Cadmium	106-1	433	358	558	450	22.45	cps
Cadmium	108-1	17	17	29	21	34.64	cps
Calcium	43-1	1189179	1168030	1234661	1197290	2.84	cps
Calcium	44-1	19193649	18855210	19651631	19233497	2.08	cps
Chromium	52-2	1517	1523	1513	1518	0.34	cps
Cobalt	59-2	383	340	367	363	6.02	cps
Copper	63-2	15479	15459	15709	15549	0.89	cps
Dysprosium	156-1	17	25	42	28	45.82	cps
Dysprosium	156-2	13	30	37	27	45.08	cps
Erbium	164-1	8	25	33	22	57.29	cps
Erbium	164-2	27	17	23	22	22.91	cps
Gadolinium	160-1	50	33	50	44	21.66	cps
Gadolinium	160-2	20	20	23	21	9.11	cps
Holmium	165-1	2218715	2222674	2230510	2223966	0.27	cps
Holmium	165-2	1760910	1784240	1767316	1770822	0.68	cps
Indium	115-1	1898762	1939788	1923863	1920805	1.08	cps
Indium	115-2	541298	540181	541613	541031	0.14	cps
Iron	56-2	68384	68065	70523	68991	1.94	cps
Iron	57-2	2067	1967	1845	1959	5.68	cps
Krypton	83-1	347	313	353	338	6.34	cps
Lead	206-1	989	1033	1072	1032	4.04	cps
Lead	207-1	1100	961	828	963	14.14	cps
Lead	208-1	4534	4345	3934	4271	7.18	cps
Lithium	6-1	387183	392602	399157	392981	1.53	cps
Magnesium	24-2	4109	4217	4209	4178	1.44	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-01	Instrumnet Name :	P8
Client Sample ID :	S32-0657	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:26:41	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	723	737	780	747	3.97	cps
Molybdenum	94-1	28698	28998	29190	28962	0.86	cps
Molybdenum	95-1	51523	53481	53355	52786	2.08	cps
Molybdenum	96-1	55531	55899	55096	55508	0.72	cps
Molybdenum	97-1	32130	32339	32849	32439	1.14	cps
Molybdenum	98-1	82500	83968	83473	83314	0.90	cps
Neodymium	150-1	40	20	33	31	32.73	cps
Neodymium	150-2	3	20	20	14	66.64	cps
Nickel	60-2	5945	6211	6001	6052	2.32	cps
Phosphorus	31-2	283	308	183	258	25.60	cps
Potassium	39-2	309977	302055	300349	304127	1.69	cps
Rhodium	103-1	1736326	1795134	1806821	1779427	2.12	cps
Rhodium	103-2	1347712	1355671	1349647	1351010	0.31	cps
Scandium	45-1	1167941	1166083	1177778	1170600	0.54	cps
Scandium	45-2	62809	62304	62012	62375	0.65	cps
Selenium	77-2	13	13	10	12	15.73	cps
Selenium	78-2	29	32	41	34	18.37	cps
Selenium	82-1	-45	34	-55	-22	-225.64	cps
Silicon	28-1	4047208	6654692	4027496	4909798	30.78	cps
Silver	109-1	5310	5318	4643	5090	7.61	cps
Silver	107-1	5526	5626	4876	5343	7.62	cps
Sodium	23-2	5384047	5185059	5267518	5278875	1.89	cps
Strontium	86-1	203175	205461	213513	207383	2.62	cps
Strontium	88-1	1767918	1816030	1851213	1811720	2.31	cps
Sulfur	34-1	193060	191184	192345	192196	0.49	cps
Terbium	159-1	2327555	2375115	2381983	2361551	1.26	cps
Terbium	159-2	1792692	1798304	1800658	1797218	0.23	cps
Thallium	203-1	50	58	25	44	39.04	cps
Thallium	205-1	225	183	217	208	10.58	cps
Tin	118-1	4959	5109	4876	4982	2.37	cps
Titanium	47-1	1575	1850	1942	1789	10.67	cps
Uranium	238-1	358	383	417	386	7.58	cps
Vanadium	51-2	5004	4828	5151	4994	3.24	cps
Yttrium	89-1	2078787	2082225	2165419	2108810	2.33	cps
Yttrium	89-2	419658	421926	418824	420136	0.38	cps
Zinc	66-2	1723	1693	1690	1702	1.08	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-01	Instrumnet Name :	P8
Client Sample ID :	S32-0657	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:26:41	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	358	208	258	275	27.77	cps
Zirconium	91-1	75	100	50	75	33.33	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-01DUP	Instrumnet Name :	P8
Client Sample ID :	S32-0657DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:30:20	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27770	26951	26759	27160	1.98	cps
Antimony	121-1	7102	7736	7944	7594	5.78	cps
Arsenic	75-2	406	462	438	435	6.45	cps
Barium	135-1	11781	12014	12031	11942	1.17	cps
Barium	137-1	20408	20299	20541	20416	0.59	cps
Beryllium	9-1	17	56	44	39	51.50	cps
Bismuth	209-1	1940032	1958816	2006402	1968417	1.74	cps
Bismuth	209-2	1607127	1615184	1615896	1612736	0.30	cps
Boron	10-1	708	692	833	744	10.40	cps
Boron	11-1	3892	3801	3676	3789	2.87	cps
Cadmium	111-1	440	363	435	413	10.45	cps
Cadmium	106-1	583	500	608	564	10.06	cps
Cadmium	108-1	8	29	17	18	58.09	cps
Calcium	43-1	1238878	1248066	1257654	1248199	0.75	cps
Calcium	44-1	19871150	20631274	20156601	20219675	1.90	cps
Chromium	52-2	1450	1270	1423	1381	7.03	cps
Cobalt	59-2	303	377	320	333	11.53	cps
Copper	63-2	16336	16974	17281	16864	2.86	cps
Dysprosium	156-1	17	50	25	31	56.77	cps
Dysprosium	156-2	23	17	13	18	28.64	cps
Erbium	164-1	17	50	17	28	69.27	cps
Erbium	164-2	7	27	27	20	57.73	cps
Gadolinium	160-1	25	8	33	22	57.29	cps
Gadolinium	160-2	33	13	10	19	66.81	cps
Holmium	165-1	2401433	2476294	2418242	2431990	1.62	cps
Holmium	165-2	1822040	1843716	1847032	1837596	0.74	cps
Indium	115-1	2049360	2080658	2094125	2074715	1.11	cps
Indium	115-2	542692	541783	545277	543251	0.33	cps
Iron	56-2	66402	65966	66385	66251	0.37	cps
Iron	57-2	1767	1867	1850	1828	2.93	cps
Krypton	83-1	300	310	363	324	10.49	cps
Lead	206-1	583	650	594	609	5.86	cps
Lead	207-1	578	517	506	533	7.29	cps
Lead	208-1	2322	2333	2311	2322	0.48	cps
Lithium	6-1	417154	419507	424738	420466	0.92	cps
Magnesium	24-2	4526	3851	4151	4176	8.10	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-01DUP	Instrumnet Name :	P8
Client Sample ID :	S32-0657DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:30:20	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	760	730	710	733	3.43	cps
Molybdenum	94-1	31520	31955	33500	32325	3.22	cps
Molybdenum	95-1	54418	53656	55589	54554	1.79	cps
Molybdenum	96-1	59422	58409	61699	59843	2.82	cps
Molybdenum	97-1	34135	34369	35990	34831	2.90	cps
Molybdenum	98-1	87079	89712	91046	89279	2.26	cps
Neodymium	150-1	27	40	47	38	26.95	cps
Neodymium	150-2	23	20	17	20	16.65	cps
Nickel	60-2	6038	5895	6115	6016	1.86	cps
Phosphorus	31-2	267	225	350	281	22.68	cps
Potassium	39-2	296041	297254	301645	298313	0.99	cps
Rhodium	103-1	1913191	1905407	1994096	1937564	2.53	cps
Rhodium	103-2	1358467	1360694	1364315	1361159	0.22	cps
Scandium	45-1	1217745	1229966	1228597	1225436	0.55	cps
Scandium	45-2	61554	60101	62565	61407	2.02	cps
Selenium	77-2	7	0	13	7	99.98	cps
Selenium	78-2	15	11	27	18	47.13	cps
Selenium	82-1	0	-34	-70	-35	-100.89	cps
Silicon	28-1	4062581	4046446	4124257	4077761	1.01	cps
Silver	109-1	2259	2142	1984	2128	6.49	cps
Silver	107-1	2484	2225	2050	2253	9.68	cps
Sodium	23-2	5151037	5025615	5225042	5133898	1.96	cps
Strontium	86-1	221416	219518	221157	220697	0.47	cps
Strontium	88-1	1917435	1944267	1963879	1941860	1.20	cps
Sulfur	34-1	196870	192173	197458	195500	1.48	cps
Terbium	159-1	2503966	2574247	2647460	2575224	2.79	cps
Terbium	159-2	1843000	1845589	1851033	1846541	0.22	cps
Thallium	203-1	42	92	42	58	49.48	cps
Thallium	205-1	117	100	83	100	16.66	cps
Tin	118-1	3542	3717	3601	3620	2.46	cps
Titanium	47-1	1800	2436	1767	2001	18.83	cps
Uranium	238-1	225	308	242	258	17.07	cps
Vanadium	51-2	4914	5101	5234	5083	3.16	cps
Yttrium	89-1	2275559	2182387	2254752	2237566	2.19	cps
Yttrium	89-2	421159	421523	425286	422656	0.54	cps
Zinc	66-2	1650	1633	1593	1626	1.79	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-01DUP	Instrumnet Name :	P8
Client Sample ID :	S32-0657DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:30:20	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	317	267	225	269	17.04	cps
Zirconium	91-1	58	67	42	56	22.91	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-01LX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 17:34:00	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7452	7119	6977	7183	3.40	cps
Antimony	121-1	1884	1734	1759	1792	4.49	cps
Arsenic	75-2	107	113	98	106	7.12	cps
Barium	135-1	3009	2634	2450	2698	10.55	cps
Barium	137-1	4443	4743	4726	4637	3.64	cps
Beryllium	9-1	50	50	50	50	0.00	cps
Bismuth	209-1	1563980	1539302	1552726	1552003	0.80	cps
Bismuth	209-2	1330148	1322460	1322650	1325086	0.33	cps
Boron	10-1	483	450	475	469	3.69	cps
Boron	11-1	1975	2250	2150	2125	6.55	cps
Cadmium	111-1	303	385	421	370	16.39	cps
Cadmium	106-1	433	558	608	533	16.90	cps
Cadmium	108-1	13	21	13	15	31.48	cps
Calcium	43-1	314416	310050	305883	310116	1.38	cps
Calcium	44-1	4903215	4998652	5003415	4968428	1.14	cps
Chromium	52-2	837	940	907	894	5.90	cps
Cobalt	59-2	157	93	97	116	30.85	cps
Copper	63-2	4958	4684	4814	4819	2.84	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	17	7	3	9	78.08	cps
Erbium	164-1	0	17	0	6	173.21	cps
Erbium	164-2	20	7	0	9	114.55	cps
Gadolinium	160-1	17	33	0	17	99.99	cps
Gadolinium	160-2	20	7	13	13	49.99	cps
Holmium	165-1	2465677	2478201	2507282	2483720	0.86	cps
Holmium	165-2	1905299	1873501	1858940	1879247	1.26	cps
Indium	115-1	2172938	2143486	2165925	2160783	0.71	cps
Indium	115-2	577221	576387	570830	574812	0.60	cps
Iron	56-2	18446	18056	18234	18246	1.07	cps
Iron	57-2	400	561	467	476	17.01	cps
Krypton	83-1	350	303	410	354	15.09	cps
Lead	206-1	211	156	178	181	15.41	cps
Lead	207-1	211	206	150	189	17.89	cps
Lead	208-1	894	783	772	817	8.28	cps
Lithium	6-1	458469	450093	447939	452167	1.23	cps
Magnesium	24-2	1275	1217	1367	1286	5.88	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-01LX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 17:34:00	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	257	210	230	232	10.08	cps
Molybdenum	94-1	7928	7936	7686	7850	1.81	cps
Molybdenum	95-1	13340	12756	13482	13193	2.92	cps
Molybdenum	96-1	13874	14066	13857	13932	0.83	cps
Molybdenum	97-1	8378	8436	8278	8364	0.96	cps
Molybdenum	98-1	21317	19823	21175	20772	3.97	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	17	3	7	9	78.08	cps
Nickel	60-2	1503	1560	1597	1553	3.03	cps
Phosphorus	31-2	217	217	300	244	19.68	cps
Potassium	39-2	90163	91118	90523	90601	0.53	cps
Rhodium	103-1	2032716	2063390	2095326	2063810	1.52	cps
Rhodium	103-2	1466333	1448796	1456160	1457096	0.60	cps
Scandium	45-1	1386178	1392263	1389585	1389342	0.22	cps
Scandium	45-2	69732	69216	70391	69780	0.84	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	29	24	24	26	11.25	cps
Selenium	82-1	-51	-7	-99	-53	-87.26	cps
Silicon	28-1	2294999	2256703	2265675	2272459	0.88	cps
Silver	109-1	508	433	408	450	11.57	cps
Silver	107-1	458	417	417	431	5.59	cps
Sodium	23-2	1415020	1364323	1371526	1383623	1.98	cps
Strontium	86-1	51372	52292	52066	51910	0.92	cps
Strontium	88-1	452790	451612	451879	452094	0.14	cps
Sulfur	34-1	183509	183654	183360	183508	0.08	cps
Terbium	159-1	2653324	2669459	2599424	2640735	1.39	cps
Terbium	159-2	1904643	1867719	1875336	1882566	1.04	cps
Thallium	203-1	58	8	58	42	69.29	cps
Thallium	205-1	75	83	58	72	17.62	cps
Tin	118-1	525	708	533	589	17.58	cps
Titanium	47-1	1292	1317	1500	1370	8.31	cps
Uranium	238-1	50	50	133	78	61.86	cps
Vanadium	51-2	1377	1203	1217	1266	7.62	cps
Yttrium	89-1	2366496	2417192	2410472	2398053	1.15	cps
Yttrium	89-2	459231	452179	458737	456715	0.86	cps
Zinc	66-2	623	497	510	543	12.81	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-01LX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-29 17:34:00	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	133	167	217	172	24.35	cps
Zirconium	91-1	67	67	58	64	7.54	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-02	Instrumnet Name :	P8
Client Sample ID :	S32-0657	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:37:40	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	202369	205022	202276	203222	0.77	cps
Antimony	121-1	1634014	1704603	1704920	1681179	2.43	cps
Arsenic	75-2	92320	91901	93527	92583	0.91	cps
Barium	135-1	1620096	1645714	1684469	1650093	1.96	cps
Barium	137-1	2811126	2857610	2890395	2853044	1.40	cps
Beryllium	9-1	251083	253652	257751	254162	1.32	cps
Bismuth	209-1	1906711	1860701	1728499	1831971	5.05	cps
Bismuth	209-2	1528967	1523670	1522851	1525163	0.22	cps
Boron	10-1	28996	29547	30341	29628	2.28	cps
Boron	11-1	141199	142891	146847	143646	2.02	cps
Cadmium	111-1	360904	366593	377329	368276	2.26	cps
Cadmium	106-1	36926	36667	38597	37397	2.80	cps
Cadmium	108-1	26163	26505	26831	26500	1.26	cps
Calcium	43-1	1674713	1622649	1700786	1666049	2.39	cps
Calcium	44-1	26619595	26097585	27226003	26647728	2.12	cps
Chromium	52-2	497356	492260	503120	497579	1.09	cps
Cobalt	59-2	846511	858120	861406	855346	0.91	cps
Copper	63-2	1309496	1314479	1345393	1323123	1.47	cps
Dysprosium	156-1	67	75	25	56	48.22	cps
Dysprosium	156-2	23	23	30	26	15.07	cps
Erbium	164-1	8	25	8	14	69.31	cps
Erbium	164-2	17	13	27	19	36.75	cps
Gadolinium	160-1	42	17	0	19	107.85	cps
Gadolinium	160-2	33	37	17	29	37.08	cps
Holmium	165-1	2381773	2466482	2175614	2341290	6.39	cps
Holmium	165-2	1808171	1803394	1842507	1818024	1.17	cps
Indium	115-1	1992377	2102102	1886546	1993675	5.41	cps
Indium	115-2	514293	516379	532243	520972	1.88	cps
Iron	56-2	20203873	20162069	20930054	20431998	2.11	cps
Iron	57-2	508978	508165	513820	510321	0.60	cps
Krypton	83-1	323	327	377	342	8.73	cps
Lead	206-1	897106	908548	912710	906121	0.89	cps
Lead	207-1	771304	788718	802552	787524	1.99	cps
Lead	208-1	3592505	3674477	3718877	3661953	1.75	cps
Lithium	6-1	423728	423318	403114	416720	2.83	cps
Magnesium	24-2	2336125	2287005	2314149	2312426	1.06	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-02	Instrumnet Name :	P8
Client Sample ID :	S32-0657	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:37:40	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	521753	522508	531097	525119	0.99	cps
Molybdenum	94-1	2910656	2965940	3009356	2961984	1.67	cps
Molybdenum	95-1	3694561	3623619	3824884	3714355	2.75	cps
Molybdenum	96-1	4097802	4038580	4192621	4109667	1.89	cps
Molybdenum	97-1	2354435	2400187	2423524	2392716	1.47	cps
Molybdenum	98-1	5913032	5942613	6062829	5972825	1.33	cps
Neodymium	150-1	53	113	147	104	45.29	cps
Neodymium	150-2	27	53	27	36	43.29	cps
Nickel	60-2	238957	237652	238768	238459	0.30	cps
Phosphorus	31-2	200	167	242	203	18.53	cps
Potassium	39-2	1623136	1636930	1697655	1652574	2.40	cps
Rhodium	103-1	1820296	1921917	1716175	1819463	5.65	cps
Rhodium	103-2	1325536	1330827	1354662	1337009	1.16	cps
Scandium	45-1	1192350	1229107	1079967	1167141	6.66	cps
Scandium	45-2	60215	59518	60854	60196	1.11	cps
Selenium	77-2	1273	1277	1303	1285	1.28	cps
Selenium	78-2	4368	4454	4477	4433	1.30	cps
Selenium	82-1	22795	22898	23577	23090	1.84	cps
Silicon	28-1	4609760	4655443	4794087	4686430	2.05	cps
Silver	109-1	1554620	1607937	1636761	1599773	2.61	cps
Silver	107-1	1630152	1661176	1709955	1667095	2.41	cps
Sodium	23-2	10168089	9935358	10114081	10072509	1.21	cps
Strontium	86-1	650660	651418	665304	655794	1.26	cps
Strontium	88-1	5634062	5589940	5691240	5638414	0.90	cps
Sulfur	34-1	193543	188301	194200	192015	1.68	cps
Terbium	159-1	2546085	2627919	2379177	2517727	5.04	cps
Terbium	159-2	1852329	1861981	1849603	1854638	0.35	cps
Thallium	203-1	1090044	1101674	1113998	1101906	1.09	cps
Thallium	205-1	2646865	2661698	2701695	2670086	1.06	cps
Tin	118-1	1021096	1017583	1059533	1032737	2.25	cps
Titanium	47-1	875430	881671	898457	885186	1.35	cps
Uranium	238-1	3525569	3456299	3621973	3534614	2.35	cps
Vanadium	51-2	402643	406901	410080	406541	0.92	cps
Yttrium	89-1	2169609	2273469	2034630	2159236	5.55	cps
Yttrium	89-2	416546	414305	420740	417197	0.78	cps
Zinc	66-2	213508	215314	218409	215744	1.15	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-02	Instrumnet Name :	P8
Client Sample ID :	S32-0657	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:37:40	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2328796	2352520	2423082	2368133	2.07	cps
Zirconium	91-1	514280	514441	526250	518324	1.32	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-03	Instrumnet Name :	P8
Client Sample ID :	S32-0657	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:41:16	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	199826	195286	200102	198405	1.36	cps
Antimony	121-1	1669011	1705826	1715074	1696637	1.44	cps
Arsenic	75-2	91642	92349	92527	92173	0.51	cps
Barium	135-1	1696611	1700467	1677619	1691566	0.72	cps
Barium	137-1	2931867	2871754	2922237	2908619	1.11	cps
Beryllium	9-1	253629	251982	255246	253619	0.64	cps
Bismuth	209-1	1766855	1825237	1876255	1822782	3.00	cps
Bismuth	209-2	1471902	1485224	1491279	1482801	0.67	cps
Boron	10-1	28504	29614	30825	29648	3.92	cps
Boron	11-1	137891	143690	147419	143000	3.36	cps
Cadmium	111-1	368606	378516	381290	376137	1.77	cps
Cadmium	106-1	38414	38589	39375	38793	1.32	cps
Cadmium	108-1	26292	27086	26948	26775	1.58	cps
Calcium	43-1	1690034	1642714	1685541	1672763	1.56	cps
Calcium	44-1	27071105	26807442	27221725	27033424	0.78	cps
Chromium	52-2	488643	496034	496042	493573	0.87	cps
Cobalt	59-2	848114	845945	844185	846081	0.23	cps
Copper	63-2	1298339	1312466	1307196	1306000	0.55	cps
Dysprosium	156-1	42	42	58	47	20.38	cps
Dysprosium	156-2	13	37	17	22	56.80	cps
Erbium	164-1	17	33	25	25	33.32	cps
Erbium	164-2	3	23	10	12	83.33	cps
Gadolinium	160-1	25	17	33	25	33.32	cps
Gadolinium	160-2	30	27	20	26	19.92	cps
Holmium	165-1	2509877	2513480	2533140	2518833	0.50	cps
Holmium	165-2	1830966	1836942	1875112	1847673	1.30	cps
Indium	115-1	2072831	2098814	2157716	2109787	2.06	cps
Indium	115-2	525589	532388	532981	530319	0.77	cps
Iron	56-2	20135573	19690648	20106281	19977501	1.25	cps
Iron	57-2	501219	496074	502788	500027	0.70	cps
Krypton	83-1	303	347	283	311	10.41	cps
Lead	206-1	922394	932737	943056	932729	1.11	cps
Lead	207-1	795605	810584	828129	811439	2.01	cps
Lead	208-1	3698868	3790709	3848857	3779478	2.00	cps
Lithium	6-1	429115	432839	438864	433606	1.13	cps
Magnesium	24-2	2495640	2427056	2502679	2475125	1.69	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-03	Instrumnet Name :	P8
Client Sample ID :	S32-0657	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:41:16	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	512950	517563	516373	515628	0.46	cps
Molybdenum	94-1	2950677	2946810	3053982	2983823	2.04	cps
Molybdenum	95-1	3730596	3688781	3769791	3729723	1.09	cps
Molybdenum	96-1	4118180	4154588	4182783	4151850	0.78	cps
Molybdenum	97-1	2407379	2384948	2433916	2408748	1.02	cps
Molybdenum	98-1	5994914	6010819	6230728	6078820	2.17	cps
Neodymium	150-1	160	140	107	136	19.88	cps
Neodymium	150-2	50	27	33	37	32.78	cps
Nickel	60-2	237246	237823	240256	238442	0.67	cps
Phosphorus	31-2	150	167	217	178	19.52	cps
Potassium	39-2	1636986	1576730	1627878	1613865	2.01	cps
Rhodium	103-1	1908112	1968998	1995766	1957625	2.29	cps
Rhodium	103-2	1348552	1353269	1357860	1353227	0.34	cps
Scandium	45-1	1251622	1276486	1304928	1277678	2.09	cps
Scandium	45-2	60051	60590	60392	60344	0.45	cps
Selenium	77-2	1330	1207	1383	1307	6.94	cps
Selenium	78-2	4390	4400	4351	4380	0.59	cps
Selenium	82-1	23356	23581	23855	23597	1.06	cps
Silicon	28-1	4473189	4688070	4715097	4625452	2.87	cps
Silver	109-1	1572274	1619989	1616854	1603039	1.66	cps
Silver	107-1	1698721	1709645	1714364	1707577	0.47	cps
Sodium	23-2	9813123	9880389	10019556	9904356	1.06	cps
Strontium	86-1	659065	657866	682384	666439	2.07	cps
Strontium	88-1	5721002	5685467	5883161	5763210	1.83	cps
Sulfur	34-1	189505	185672	189572	188250	1.19	cps
Terbium	159-1	2616138	2658292	2659556	2644662	0.93	cps
Terbium	159-2	1884139	1863990	1879360	1875830	0.56	cps
Thallium	203-1	1118843	1127572	1145861	1130759	1.22	cps
Thallium	205-1	2747025	2746711	2772244	2755327	0.53	cps
Tin	118-1	1042580	1066126	1066968	1058558	1.31	cps
Titanium	47-1	873886	867490	886584	875986	1.11	cps
Uranium	238-1	3516130	3617146	3687188	3606821	2.38	cps
Vanadium	51-2	395511	399758	404704	399991	1.15	cps
Yttrium	89-1	2313124	2297461	2351219	2320601	1.19	cps
Yttrium	89-2	424101	419597	422147	421948	0.54	cps
Zinc	66-2	210807	212246	210322	211125	0.47	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-03	Instrumnet Name :	P8
Client Sample ID :	S32-0657	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:41:16	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2457721	2363952	2404667	2408780	1.95	cps
Zirconium	91-1	521650	518485	534122	524752	1.58	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-01A	Instrumnet Name :	P8
Client Sample ID :	S32-0657A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:44:53	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	196971	198083	200941	198665	1.03	cps
Antimony	121-1	1735776	1782073	1792601	1770150	1.71	cps
Arsenic	75-2	91461	91668	92103	91744	0.36	cps
Barium	135-1	1738846	1777856	1795784	1770829	1.64	cps
Barium	137-1	3010106	3060658	3062563	3044442	0.98	cps
Beryllium	9-1	256378	258796	257499	257558	0.47	cps
Bismuth	209-1	1792187	1861128	1800891	1818069	2.07	cps
Bismuth	209-2	1432262	1440190	1430631	1434361	0.36	cps
Boron	10-1	28529	30207	30976	29904	4.18	cps
Boron	11-1	147369	149413	145683	147488	1.27	cps
Cadmium	111-1	380799	386257	387913	384990	0.97	cps
Cadmium	106-1	40077	39383	39007	39489	1.37	cps
Cadmium	108-1	27983	26873	27645	27500	2.07	cps
Calcium	43-1	1702550	1682620	1740305	1708492	1.71	cps
Calcium	44-1	27371066	27610888	27814857	27598937	0.80	cps
Chromium	52-2	495258	499145	496699	497034	0.40	cps
Cobalt	59-2	847082	857355	857322	853920	0.69	cps
Copper	63-2	1326662	1328768	1305704	1320378	0.97	cps
Dysprosium	156-1	42	42	33	39	12.38	cps
Dysprosium	156-2	20	47	30	32	41.81	cps
Erbium	164-1	83	33	17	44	78.07	cps
Erbium	164-2	20	13	20	18	21.66	cps
Gadolinium	160-1	17	58	50	42	52.91	cps
Gadolinium	160-2	50	17	23	30	58.79	cps
Holmium	165-1	2433669	2547658	2616433	2532586	3.64	cps
Holmium	165-2	1821823	1844770	1843447	1836680	0.70	cps
Indium	115-1	2116321	2100540	2147677	2121513	1.13	cps
Indium	115-2	519230	520510	527690	522477	0.87	cps
Iron	56-2	20316791	20617669	20456843	20463768	0.74	cps
Iron	57-2	500755	504970	503739	503155	0.43	cps
Krypton	83-1	337	400	353	363	9.04	cps
Lead	206-1	954215	961930	970005	962050	0.82	cps
Lead	207-1	827920	836832	849546	838099	1.30	cps
Lead	208-1	3845906	3896710	3939589	3894069	1.20	cps
Lithium	6-1	426555	440259	434707	433840	1.59	cps
Magnesium	24-2	2343305	2355729	2340484	2346506	0.35	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-01A	Instrumnet Name :	P8
Client Sample ID :	S32-0657A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:44:53	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	517234	523847	512983	518021	1.06	cps
Molybdenum	94-1	3053385	3007784	3111420	3057530	1.70	cps
Molybdenum	95-1	3894730	3801205	3922237	3872724	1.64	cps
Molybdenum	96-1	4318150	4361246	4325983	4335126	0.53	cps
Molybdenum	97-1	2460032	2431217	2512653	2467967	1.67	cps
Molybdenum	98-1	6129517	6198595	6380606	6236239	2.08	cps
Neodymium	150-1	107	160	140	136	19.87	cps
Neodymium	150-2	30	60	20	37	56.77	cps
Nickel	60-2	239916	240836	239362	240038	0.31	cps
Phosphorus	31-2	133	125	225	161	34.44	cps
Potassium	39-2	1570162	1604595	1629779	1601512	1.87	cps
Rhodium	103-1	1944865	1987876	1974204	1968982	1.12	cps
Rhodium	103-2	1323559	1349197	1337694	1336817	0.96	cps
Scandium	45-1	1237972	1266246	1248829	1251016	1.14	cps
Scandium	45-2	59552	59475	60583	59870	1.03	cps
Selenium	77-2	1277	1230	1427	1311	7.84	cps
Selenium	78-2	4381	4476	4412	4423	1.10	cps
Selenium	82-1	23927	24389	24787	24368	1.77	cps
Silicon	28-1	4738558	4754663	4770545	4754589	0.34	cps
Silver	109-1	1662269	1696235	1679729	1679411	1.01	cps
Silver	107-1	1778120	1755945	1757423	1763829	0.70	cps
Sodium	23-2	10048615	10125856	10024762	10066411	0.52	cps
Strontium	86-1	688986	700355	701193	696844	0.98	cps
Strontium	88-1	5792571	5929099	5905624	5875765	1.24	cps
Sulfur	34-1	185063	184406	187716	185728	0.94	cps
Terbium	159-1	2716353	2764144	2732313	2737603	0.89	cps
Terbium	159-2	1872801	1852963	1893818	1873194	1.09	cps
Thallium	203-1	1139052	1171206	1172394	1160884	1.63	cps
Thallium	205-1	2787502	2899469	2883732	2856901	2.12	cps
Tin	118-1	1084187	1095602	1105959	1095249	0.99	cps
Titanium	47-1	901319	908511	915457	908429	0.78	cps
Uranium	238-1	3691961	3781169	3713047	3728726	1.25	cps
Vanadium	51-2	403407	404057	404873	404113	0.18	cps
Yttrium	89-1	2317024	2322711	2353024	2330920	0.83	cps
Yttrium	89-2	408650	411645	415597	411964	0.85	cps
Zinc	66-2	212100	212692	211807	212199	0.21	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-01A	Instrumnet Name :	P8
Client Sample ID :	S32-0657A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:44:53	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2440245	2525856	2535236	2500446	2.09	cps
Zirconium	91-1	537284	544511	541236	541010	0.67	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-04	Instrumnet Name :	P8
Client Sample ID :	S32-0652	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:48:30	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	408	400	225	344	30.06	cps
Antimony	121-1	6468	6427	6877	6591	3.77	cps
Arsenic	75-2	3258	3314	3216	3262	1.51	cps
Barium	135-1	20224	19849	19757	19943	1.24	cps
Barium	137-1	34638	34479	34312	34476	0.47	cps
Beryllium	9-1	139	117	94	117	19.05	cps
Bismuth	209-1	1815481	1759789	1731218	1768829	2.42	cps
Bismuth	209-2	1404676	1401068	1397023	1400922	0.27	cps
Boron	10-1	3409	3526	3517	3484	1.87	cps
Boron	11-1	18312	17853	16852	17672	4.22	cps
Cadmium	111-1	349	394	302	348	13.23	cps
Cadmium	106-1	442	525	383	450	15.82	cps
Cadmium	108-1	8	4	0	4	99.96	cps
Calcium	43-1	346246	347270	333179	342232	2.30	cps
Calcium	44-1	5682445	5746889	5389427	5606253	3.40	cps
Chromium	52-2	1117	1167	1027	1103	6.43	cps
Cobalt	59-2	667	650	713	677	4.85	cps
Copper	63-2	7495	7525	7956	7659	3.36	cps
Dysprosium	156-1	17	42	25	28	45.82	cps
Dysprosium	156-2	13	30	23	22	37.76	cps
Erbium	164-1	42	92	25	53	65.74	cps
Erbium	164-2	33	13	23	23	42.86	cps
Gadolinium	160-1	33	8	33	25	57.74	cps
Gadolinium	160-2	30	23	27	27	12.51	cps
Holmium	165-1	2507166	2570589	2530989	2536248	1.26	cps
Holmium	165-2	1839143	1836532	1811982	1829219	0.82	cps
Indium	115-1	2211075	2214743	2149971	2191930	1.66	cps
Indium	115-2	524740	538292	540972	534668	1.63	cps
Iron	56-2	424260	424688	424134	424361	0.07	cps
Iron	57-2	10749	10921	10921	10864	0.92	cps
Krypton	83-1	333	293	440	356	21.32	cps
Lead	206-1	1111	1033	1078	1074	3.63	cps
Lead	207-1	783	933	800	839	9.80	cps
Lead	208-1	4017	4050	3839	3969	2.86	cps
Lithium	6-1	412723	407341	390670	403578	2.85	cps
Magnesium	24-2	863871	867178	860442	863830	0.39	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-04	Instrumnet Name :	P8
Client Sample ID :	S32-0652	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:48:30	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	367870	366954	371918	368914	0.72	cps
Molybdenum	94-1	10154	10254	9529	9979	3.94	cps
Molybdenum	95-1	16903	16627	16277	16602	1.89	cps
Molybdenum	96-1	17921	19131	18012	18355	3.67	cps
Molybdenum	97-1	11188	10696	10888	10924	2.27	cps
Molybdenum	98-1	28096	28956	28005	28352	1.85	cps
Neodymium	150-1	20	47	47	38	40.76	cps
Neodymium	150-2	17	20	30	22	31.22	cps
Nickel	60-2	320	363	363	349	7.17	cps
Phosphorus	31-2	192	292	292	258	22.35	cps
Potassium	39-2	545834	556817	558088	553580	1.22	cps
Rhodium	103-1	2005300	2051752	1929889	1995647	3.08	cps
Rhodium	103-2	1346689	1359247	1353467	1353134	0.46	cps
Scandium	45-1	1217600	1226741	1183201	1209181	1.90	cps
Scandium	45-2	56101	57594	55757	56484	1.73	cps
Selenium	77-2	10	7	7	8	24.71	cps
Selenium	78-2	25	19	21	22	14.10	cps
Selenium	82-1	10	12	-107	-28	-242.99	cps
Silicon	28-1	6369488	6329526	6237398	6312137	1.07	cps
Silver	109-1	1492	1275	1242	1336	10.16	cps
Silver	107-1	1617	1150	1208	1325	19.19	cps
Sodium	23-2	5506099	5444818	5436680	5462533	0.69	cps
Strontium	86-1	336562	338739	326229	333844	2.00	cps
Strontium	88-1	2976151	2980139	2849189	2935160	2.54	cps
Sulfur	34-1	282546	276914	276097	278519	1.26	cps
Terbium	159-1	2670354	2738528	2709295	2706059	1.26	cps
Terbium	159-2	1857664	1839516	1844154	1847111	0.51	cps
Thallium	203-1	1050	858	775	895	15.77	cps
Thallium	205-1	2492	2342	2109	2314	8.35	cps
Tin	118-1	9078	8937	7911	8642	7.37	cps
Titanium	47-1	1283	1860	1250	1464	23.41	cps
Uranium	238-1	21102	20826	20567	20832	1.28	cps
Vanadium	51-2	297	290	343	310	9.37	cps
Yttrium	89-1	2306179	2325387	2266666	2299411	1.30	cps
Yttrium	89-2	405077	410821	412920	409606	0.99	cps
Zinc	66-2	1240	1337	1203	1260	5.47	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	K3032-04	Instrumnet Name :	P8
Client Sample ID :	S32-0652	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:48:30	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	483	567	433	494	13.62	cps
Zirconium	91-1	125	117	75	106	25.38	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:55:20	DataFile Name :	074CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1254808	1247946	1251140	1251298	0.27	cps
Antimony	121-1	1625605	1637317	1667154	1643359	1.30	cps
Arsenic	75-2	104998	104986	106026	105337	0.57	cps
Barium	135-1	1627812	1586051	1629783	1614549	1.53	cps
Barium	137-1	2780005	2791454	2841491	2804317	1.17	cps
Beryllium	9-1	312150	319272	316230	315884	1.13	cps
Bismuth	209-1	1466912	1479817	1465236	1470655	0.54	cps
Bismuth	209-2	1248213	1241525	1216231	1235323	1.37	cps
Boron	10-1	34167	36013	35177	35119	2.63	cps
Boron	11-1	170831	179046	176553	175477	2.40	cps
Cadmium	111-1	367987	374407	374250	372214	0.98	cps
Cadmium	106-1	38739	39575	38096	38804	1.91	cps
Cadmium	108-1	27895	27232	27812	27646	1.31	cps
Calcium	43-1	2013340	2097273	2094210	2068275	2.30	cps
Calcium	44-1	33206547	34107582	33685746	33666625	1.34	cps
Chromium	52-2	582546	590798	587306	586883	0.71	cps
Cobalt	59-2	964251	955208	956519	958659	0.51	cps
Copper	63-2	1372198	1383243	1361282	1372241	0.80	cps
Dysprosium	156-1	17	58	17	31	78.72	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	8	33	17	19	65.47	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	50	17	50	39	49.48	cps
Gadolinium	160-2	13	13	27	18	43.33	cps
Holmium	165-1	2452472	2499279	2437534	2463095	1.31	cps
Holmium	165-2	1849407	1849048	1839370	1845942	0.31	cps
Indium	115-1	2129220	2185461	2164885	2159856	1.32	cps
Indium	115-2	567540	569389	558670	565200	1.01	cps
Iron	56-2	112744655	111588600	113599319	112644191	0.90	cps
Iron	57-2	2860528	2870405	2894195	2875043	0.60	cps
Krypton	83-1	310	313	307	310	1.08	cps
Lead	206-1	840647	853703	844028	846126	0.80	cps
Lead	207-1	758964	776210	757906	764360	1.34	cps
Lead	208-1	3489628	3525122	3430957	3481902	1.37	cps
Lithium	6-1	495749	502599	504006	500785	0.88	cps
Magnesium	24-2	14380475	14505166	14567287	14484309	0.66	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:55:20	DataFile Name :	074CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	605121	598297	608366	603928	0.85	cps
Molybdenum	94-1	2846381	2924567	2849760	2873569	1.54	cps
Molybdenum	95-1	3528887	3603815	3575086	3569263	1.06	cps
Molybdenum	96-1	3875527	4010258	3975536	3953774	1.77	cps
Molybdenum	97-1	2235351	2320901	2253978	2270077	1.98	cps
Molybdenum	98-1	5548219	5771340	5535204	5618254	2.36	cps
Neodymium	150-1	87	100	87	91	8.45	cps
Neodymium	150-2	7	27	27	20	57.73	cps
Nickel	60-2	258179	259189	257821	258396	0.27	cps
Phosphorus	31-2	20649	22193	21876	21572	3.78	cps
Potassium	39-2	8056344	8229867	8162762	8149658	1.07	cps
Rhodium	103-1	2004094	2078889	2045737	2042907	1.83	cps
Rhodium	103-2	1413303	1415015	1400447	1409588	0.56	cps
Scandium	45-1	1574891	1638714	1551336	1588314	2.85	cps
Scandium	45-2	81183	79071	80475	80243	1.34	cps
Selenium	77-2	1530	1520	1383	1478	5.55	cps
Selenium	78-2	5278	5159	5020	5152	2.50	cps
Selenium	82-1	24328	24645	24840	24605	1.05	cps
Silicon	28-1	2450886	2511830	2553449	2505388	2.06	cps
Silver	109-1	1625036	1671468	1668235	1654913	1.57	cps
Silver	107-1	1752621	1748021	1719816	1740152	1.02	cps
Sodium	23-2	29364635	28641871	28978834	28995113	1.25	cps
Strontium	86-1	441014	446847	445188	444350	0.68	cps
Strontium	88-1	3868692	3895416	3807270	3857126	1.17	cps
Sulfur	34-1	311109	313866	314685	313220	0.60	cps
Terbium	159-1	2659820	2705139	2665543	2676834	0.92	cps
Terbium	159-2	1866028	1919964	1883961	1889985	1.45	cps
Thallium	203-1	1036713	1045736	1051877	1044775	0.73	cps
Thallium	205-1	2502778	2518476	2489827	2503694	0.57	cps
Tin	118-1	1069794	1074990	1067588	1070791	0.35	cps
Titanium	47-1	1012802	1043345	1024802	1026983	1.50	cps
Uranium	238-1	3293711	3365745	3400416	3353291	1.62	cps
Vanadium	51-2	477300	474346	478539	476729	0.45	cps
Yttrium	89-1	2489820	2491190	2466148	2482386	0.57	cps
Yttrium	89-2	483416	483442	477131	481330	0.76	cps
Zinc	66-2	239401	238968	242632	240334	0.83	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:55:20	DataFile Name :	074CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2407861	2411901	2448310	2422691	0.92	cps
Zirconium	91-1	534521	534535	531841	533632	0.29	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:58:56	DataFile Name :	075CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	58	42	53	18.23	cps
Antimony	121-1	408	325	275	336	20.04	cps
Arsenic	75-2	10	12	3	8	56.71	cps
Barium	135-1	33	42	42	39	12.38	cps
Barium	137-1	75	50	58	61	20.83	cps
Beryllium	9-1	133	133	89	119	21.65	cps
Bismuth	209-1	1511184	1495507	1511747	1506146	0.61	cps
Bismuth	209-2	1327561	1323631	1176349	1275847	6.76	cps
Boron	10-1	792	1000	783	858	14.30	cps
Boron	11-1	4901	4384	4351	4545	6.79	cps
Cadmium	111-1	425	389	519	445	15.09	cps
Cadmium	106-1	600	550	742	631	15.77	cps
Cadmium	108-1	4	0	0	1	173.21	cps
Calcium	43-1	558	700	425	561	24.51	cps
Calcium	44-1	14466	14132	14132	14244	1.35	cps
Chromium	52-2	773	740	787	767	3.14	cps
Cobalt	59-2	30	37	37	34	11.18	cps
Copper	63-2	897	913	963	924	3.75	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	8	8	33	17	86.62	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-1	8	50	17	25	88.19	cps
Gadolinium	160-2	0	10	3	4	114.60	cps
Holmium	165-1	2454238	2438356	2483466	2458687	0.93	cps
Holmium	165-2	1872851	1900767	1635948	1803189	8.07	cps
Indium	115-1	2216340	2227168	2217020	2220176	0.27	cps
Indium	115-2	620023	613289	544686	592666	7.03	cps
Iron	56-2	3412	3000	2589	3000	13.71	cps
Iron	57-2	122	78	67	89	33.07	cps
Krypton	83-1	347	340	347	344	1.12	cps
Lead	206-1	572	556	461	530	11.31	cps
Lead	207-1	511	406	506	474	12.53	cps
Lead	208-1	2072	2195	2017	2095	4.34	cps
Lithium	6-1	533749	533729	536694	534724	0.32	cps
Magnesium	24-2	300	183	192	225	28.93	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:58:56	DataFile Name :	075CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	50	63	53	16.53	cps
Molybdenum	94-1	158	183	158	167	8.66	cps
Molybdenum	95-1	92	108	83	94	13.48	cps
Molybdenum	96-1	100	142	142	128	18.83	cps
Molybdenum	97-1	150	175	258	194	29.17	cps
Molybdenum	98-1	150	92	150	131	25.80	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	110	120	67	99	28.67	cps
Phosphorus	31-2	242	225	283	250	12.02	cps
Potassium	39-2	22902	22978	23554	23145	1.54	cps
Rhodium	103-1	2205823	2184912	2165927	2185554	0.91	cps
Rhodium	103-2	1624597	1554061	1378144	1518934	8.36	cps
Scandium	45-1	1602557	1600730	1604568	1602619	0.12	cps
Scandium	45-2	84388	84288	74786	81154	6.80	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	25	23	29	26	11.90	cps
Selenium	82-1	-31	-49	-53	-45	-26.27	cps
Silicon	28-1	1941332	1960312	1945162	1948936	0.51	cps
Silver	109-1	250	317	158	242	32.89	cps
Silver	107-1	317	317	250	294	13.07	cps
Sodium	23-2	25624	25682	25866	25724	0.49	cps
Strontium	86-1	492	492	525	503	3.83	cps
Strontium	88-1	133	75	133	114	29.57	cps
Sulfur	34-1	201104	198027	200232	199787	0.79	cps
Terbium	159-1	2708997	2662067	2659574	2676879	1.04	cps
Terbium	159-2	1969591	1923044	1713226	1868620	7.31	cps
Thallium	203-1	233	200	117	183	32.78	cps
Thallium	205-1	533	517	400	483	15.03	cps
Tin	118-1	283	225	258	256	11.45	cps
Titanium	47-1	1558	1333	1192	1361	13.59	cps
Uranium	238-1	25	50	42	39	32.73	cps
Vanadium	51-2	33	17	10	20	60.08	cps
Yttrium	89-1	2525336	2459235	2482987	2489186	1.35	cps
Yttrium	89-2	502265	502791	447152	484069	6.60	cps
Zinc	66-2	210	197	167	191	11.61	cps

LB Number :	LB103077	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2019-05-29 17:58:56	DataFile Name :	075CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	233	250	175	219	17.95	cps
Zirconium	91-1	67	58	50	58	14.29	cps