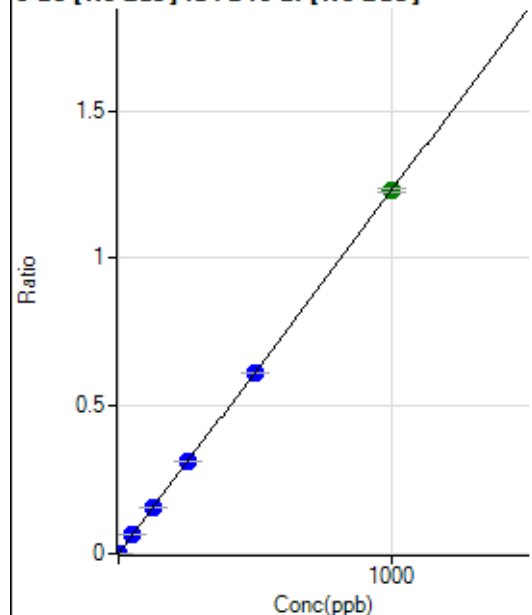


Batch Folder: D:\P8080417-ICPMS.b\
Analysis File: P8080417-ICPMS.batch.bin
DA Date-Time: 2017-08-04 18:15:06
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-08-04 15:16:10
2			
3	005CALS.d	S02	2017-08-04 15:23:05
4	006CALS.d	S03	2017-08-04 15:26:33
5	007CALS.d	S04	2017-08-04 15:30:00
6	008CALS.d	S05	2017-08-04 15:33:23
7	009CALS.d	S06	2017-08-04 15:36:40
8	010CALS.d	S07	2017-08-04 15:39:51
9	011CALS.d	S08	2017-08-04 15:42:58

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0001	P	19.1
2	☐	0.100					
3	☐	1.000	0.914	1422.34	0.0012	P	4.1
4	☐	50.000	50.759	73561.68	0.0625	P	1.0
5	☐	125.000	127.499	184924.79	0.1569	P	1.5
6	☐	250.000	253.022	370207.20	0.3113	P	0.6
7	☐	500.000	499.515	730923.75	0.6144	P	0.2
8	☐	1000.000	999.137	1460262.52	1.2288	A	1.2
9	☐			638.92	0.0005	P	11.7

$$y = 0.0012 * x + 1.0060E-004$$

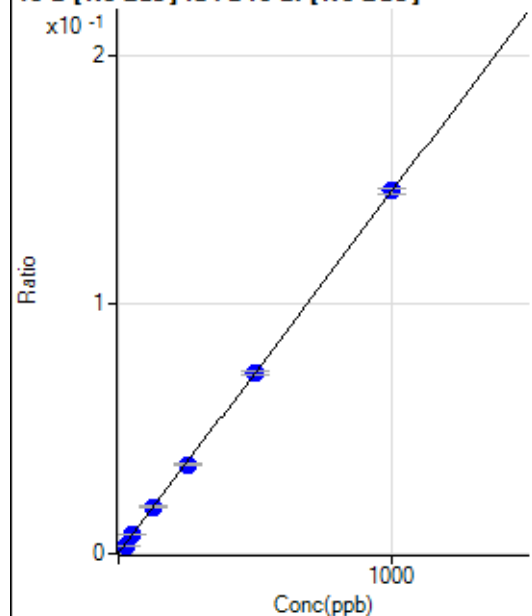
$$R = 1.0000$$

$$DL = 0.04691$$

$$BEC = 0.08181$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	277.79	0.0002	P	9.8
2	☐	2.500					
3	☐	25.000	21.015	3814.55	0.0033	P	5.3
4	☐	50.000	50.092	8819.76	0.0075	P	3.6
5	☐	125.000	127.092	21970.36	0.0186	P	4.9
6	☐	250.000	245.281	42533.50	0.0358	P	1.9
7	☐	500.000	496.496	85831.80	0.0721	P	2.1
8	☐	1000.000	1002.765	172852.03	0.1455	P	1.9
9	☐			6865.85	0.0058	P	9.5

$$y = 1.4482E-004 * x + 2.4000E-004$$

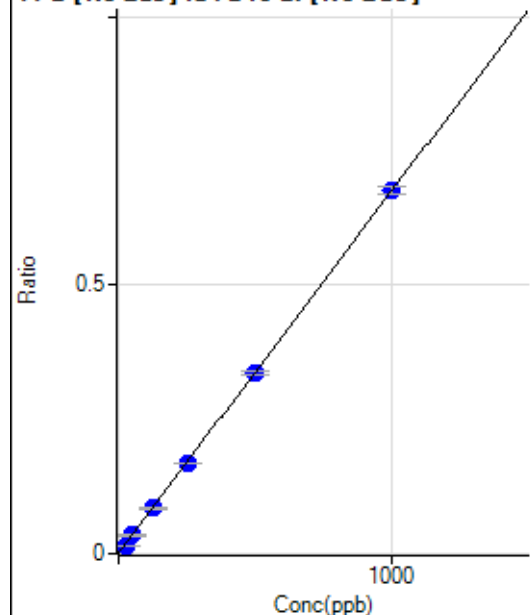
$$R = 1.0000$$

$$DL = 0.4856$$

$$BEC = 1.657$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1339.02	0.0012	P	6.9
2	☐	2.500					
3	☐	25.000	21.183	17933.99	0.0154	P	3.2
4	☐	50.000	49.211	40388.34	0.0343	P	4.0
5	☐	125.000	124.416	100223.74	0.0850	P	2.5
6	☐	250.000	248.688	200806.44	0.1688	P	0.7
7	☐	500.000	498.882	401527.83	0.3375	P	1.6
8	☐	1000.000	1001.095	803368.39	0.6761	P	2.1
9	☐			31594.29	0.0269	P	9.6

$$y = 6.7419\text{E-}004 * x + 0.0012$$

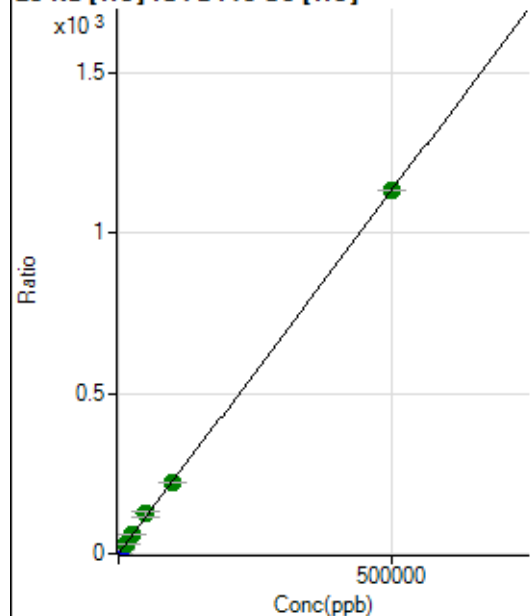
$$R = 1.0000$$

$$DL = 0.3543$$

$$BEC = 1.717$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7866.38	0.1746	P	5.1
2	☐	50.000					
3	☐	500.000	448.476	55020.89	1.1902	P	1.0
4	☐	5000.000	5001.275	533492.57	11.5001	P	0.5
5	☐	12500.000	13060.974	1327590.87	29.7514	A	4.7
6	☐	25000.000	25353.421	2642836.11	57.5879	A	0.4
7	☐	50000.000	55230.997	5118314.61	125.2462	A	14.8
8	☐	100000.00	98285.716	9900575.74	222.7445	A	0.7
9	☐	500000.00	499788.10	50273758.42	1,131.954	A	0.1

$$y = 0.0023 * x + 0.1746$$

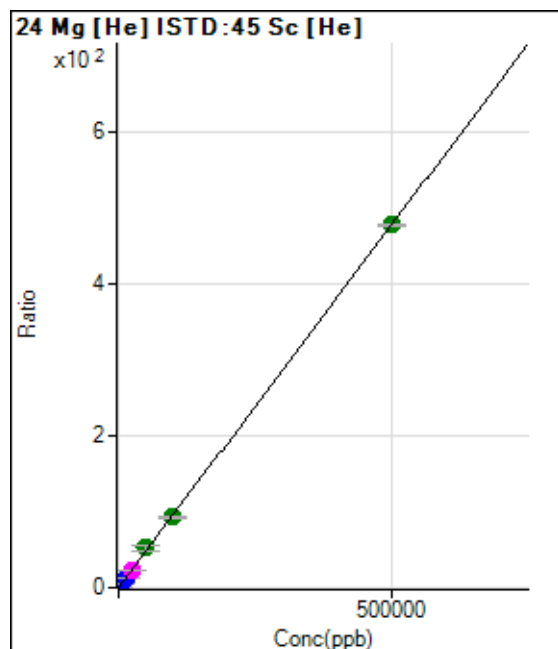
$$R = 0.9999$$

$$DL = 11.71$$

$$BEC = 77.09$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	158.34	0.0035	P	28.4
2	☐	50.000					
3	☐	500.000	432.021	19233.10	0.4160	P	1.8
4	☐	5000.000	4989.725	221178.06	4.7677	P	0.7
5	☐	12500.000	12697.733	541190.07	12.1273	P	4.5
6	☐	25000.000	24638.539	1079731.93	23.5284	M	0.9
7	☐	50000.000	55178.996	2154161.92	52.6885	A	14.2
8	☐	100000.00	96866.857	4111153.39	92.4922	A	0.3
9	☐	500000.00	500122.02	21208046.13	477.5209	A	0.5

$$y = 9.5480\text{E-}004 * x + 0.0035$$

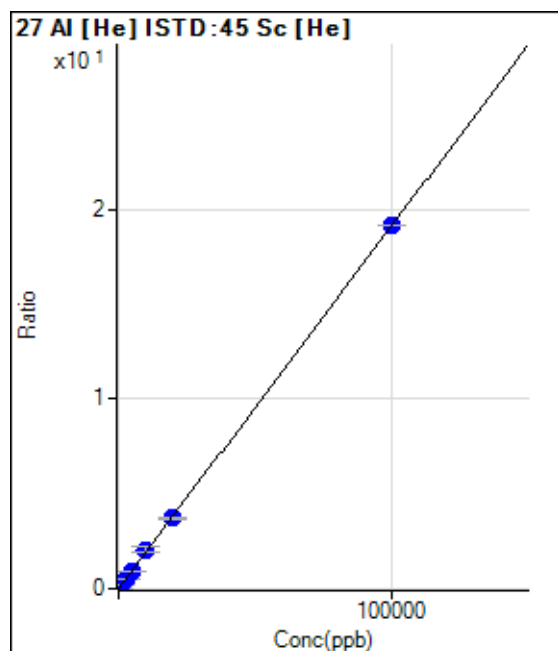
$$R = 0.9999$$

$$DL = 3.145$$

$$BEC = 3.685$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0002	P	114.
2	☐	2.000					
3	☐	20.000	19.782	186.12	0.0040	P	21.5
4	☐	1000.000	988.887	8789.29	0.1895	P	4.7
5	☐	2500.000	2538.936	21686.77	0.4862	P	6.0
6	☐	5000.000	4925.373	43264.22	0.9429	P	3.3
7	☐	10000.000	10821.264	84741.62	2.0713	P	13.4
8	☐	20000.000	19365.220	164748.18	3.7065	P	0.5
9	☐	100000.00	100047.69	850419.49	19.1479	P	0.2

$$y = 1.9138\text{E-}004 * x + 2.4571\text{E-}004$$

$$R = 0.9999$$

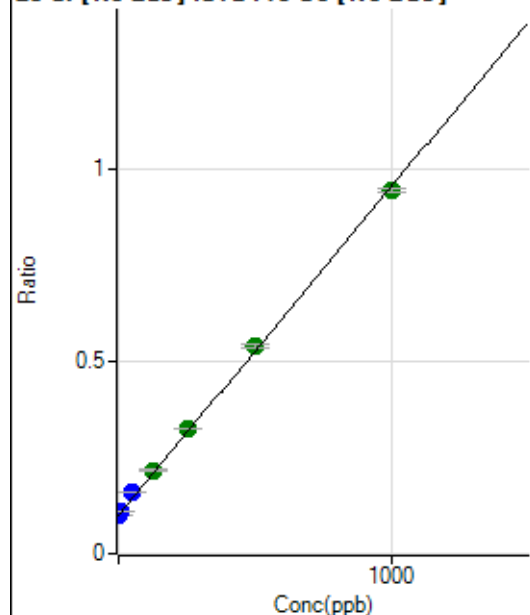
$$DL = 4.419$$

$$BEC = 1.284$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	418018.78	0.1001	P	3.7
2	☐	1.000					
3	☐	10.000	10.541	460932.65	0.1091	P	1.9
4	☐	50.000	67.599	670856.05	0.1579	P	0.4
5	☐	125.000	136.781	927174.11	0.2170	A	2.2
6	☐	250.000	263.278	1401643.02	0.3251	A	0.4
7	☐	500.000	515.641	2326249.05	0.5407	A	2.0
8	☐	1000.000	986.502	4097050.27	0.9430	A	1.1
9	☐			465294.92	0.1093	P	1.9

$$y = 8.5438\text{E-}004 * x + 0.1001$$

$$R = 0.9996$$

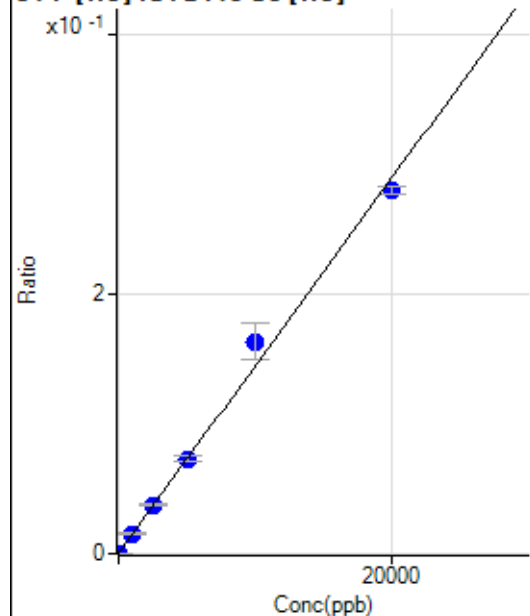
$$DL = 12.84$$

$$BEC = 117.2$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	6.517	16.67	0.0004	P	132.
2	☐	0.000					
3	☐	0.000	-6.517	8.33	0.0002	P	99.4
4	☐	1000.000	1021.195	697.27	0.0150	P	8.4
5	☐	2500.000	2590.591	1683.51	0.0377	P	2.4
6	☐	5000.000	5027.660	3344.99	0.0729	P	5.8
7	☐	10000.000	11294.017	6665.70	0.1635	P	17.4
8	☐	20000.000	19333.693	12428.15	0.2796	P	2.1
9	☐			11.11	0.0003	P	43.6

$$y = 1.4449\text{E-}005 * x + 2.7347\text{E-}004$$

$$R = 0.9968$$

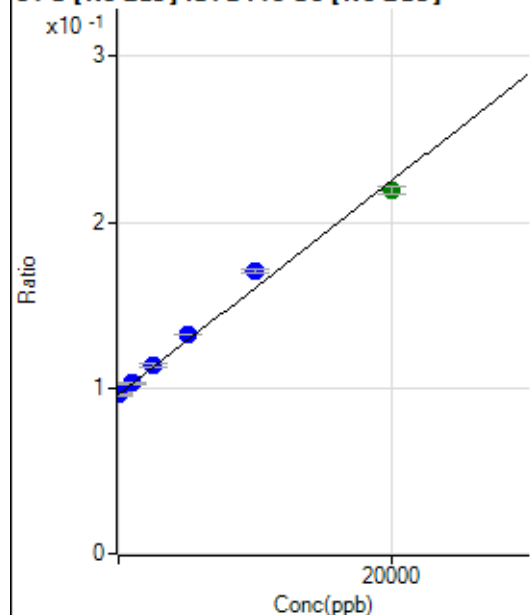
$$DL = 68.94$$

$$BEC = 18.93$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	24.510	401958.13	0.0963	P	3.3
2	☐	0.000					
3	☐	0.000	-24.510	405302.81	0.0960	P	1.3
4	☐	1000.000	1012.949	436109.65	0.1026	P	0.6
5	☐	2500.000	2737.905	485991.62	0.1137	P	1.9
6	☐	5000.000	5580.326	569310.09	0.1320	P	0.6
7	☐	10000.000	11547.884	733435.29	0.1705	P	0.9
8	☐	20000.000	19050.591	950350.15	0.2188	A	2.2
9	☐			401802.74	0.0944	P	0.9

$$y = 6.4379\text{E-}006 * x + 0.0961$$

$$R = 0.9948$$

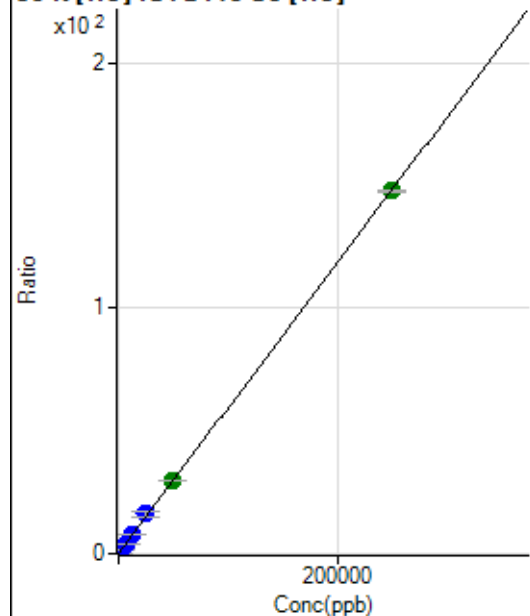
$$DL = 1032$$

$$BEC = 1.493\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4017.42	0.0892	P	8.4
2	☐	50.000					
3	☐	500.000	450.906	16454.79	0.3559	P	1.5
4	☐	2500.000	2528.126	73520.08	1.5848	P	0.7
5	☐	6250.000	6521.655	176114.16	3.9474	P	5.4
6	☐	12500.000	12661.830	347855.80	7.5800	P	0.8
7	☐	25000.000	27501.860	669149.92	16.3595	P	13.7
8	☐	50000.000	49782.019	1313026.67	29.5407	A	0.8
9	☐	250000.00	249778.34	6566972.50	147.8605	A	0.5

$$y = 5.9161\text{E-}004 * x + 0.0892$$

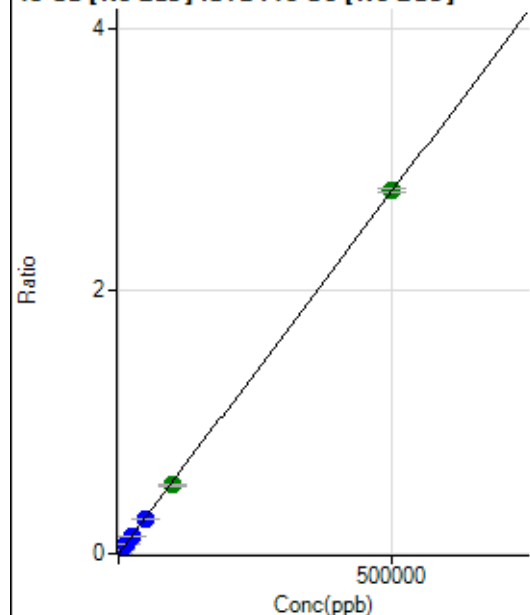
$$R = 0.9999$$

$$DL = 37.86$$

$$BEC = 150.7$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2622.60	0.0006	P	4.6
2	☐	50.000					
3	☐	500.000	413.977	12283.64	0.0029	P	0.2
4	☐	5000.000	4831.586	115724.23	0.0272	P	0.6
5	☐	12500.000	12112.143	287690.31	0.0673	P	1.4
6	☐	25000.000	24143.234	575934.31	0.1336	P	1.3
7	☐	50000.000	47931.572	1138415.47	0.2646	P	0.9
8	☐	100000.00	94320.696	2259329.24	0.5200	A	1.4
9	☐	500000.00	501397.00	11754425.09	2.7617	A	1.1

$$y = 5.5067\text{E-}006 * x + 6.2824\text{E-}004$$

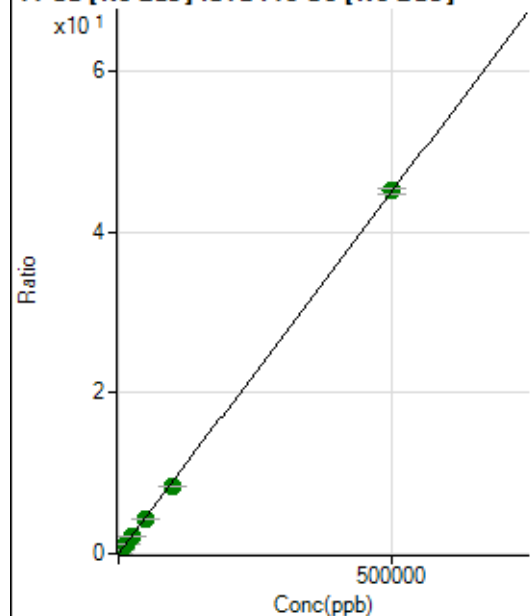
$$R = 0.9999$$

$$DL = 15.78$$

$$BEC = 114.1$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50531.12	0.0121	P	3.4
2	☐	50.000					
3	☐	500.000	419.986	210493.92	0.0498	P	1.3
4	☐	5000.000	4917.081	1928613.26	0.4539	A	1.0
5	☐	12500.000	12057.181	4680578.71	1.0954	A	1.5
6	☐	25000.000	23944.182	9328051.25	2.1634	A	0.5
7	☐	50000.000	47517.768	18421404.41	4.2814	A	1.1
8	☐	100000.00	93206.288	36438150.12	8.3863	A	0.7
9	☐	500000.00	501671.73	191891689.0	45.0850	A	1.3

$$y = 8.9845\text{E-}005 * x + 0.0121$$

$$R = 0.9999$$

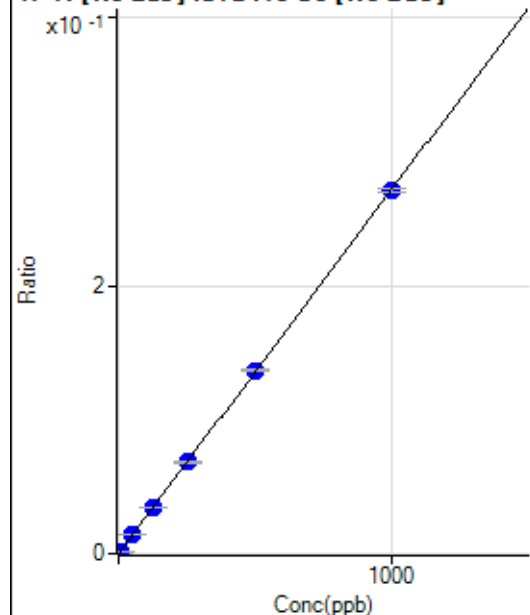
$$DL = 13.79$$

$$BEC = 134.7$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	169.46	0.0000	P	15.1
2	☐	0.500					
3	☐	5.000	4.329	5134.51	0.0012	P	4.9
4	☐	50.000	50.563	58478.34	0.0138	P	1.4
5	☐	125.000	128.864	149615.99	0.0350	P	0.1
6	☐	250.000	252.438	295548.25	0.0685	P	1.5
7	☐	500.000	503.657	588289.10	0.1367	P	0.7
8	☐	1000.000	997.054	1175767.57	0.2706	P	1.2
9	☐			1697.41	0.0004	P	7.7

$$y = 2.7138E-004 * x + 4.0669E-005$$

$$R = 1.0000$$

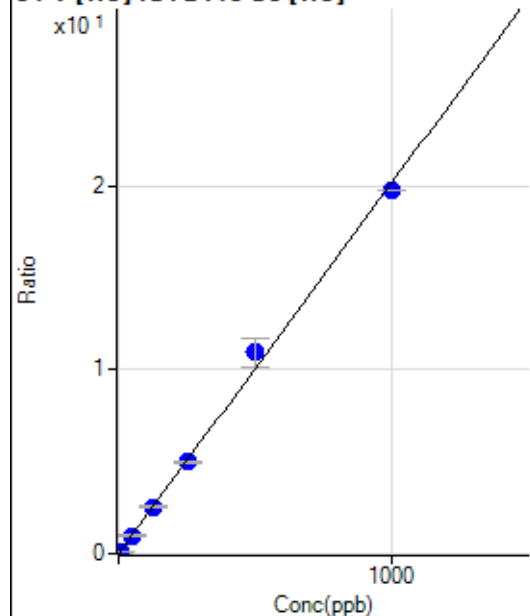
$$DL = 0.06801$$

$$BEC = 0.1499$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0002	P	46.6
2	☐	0.500					
3	☐	5.000	4.307	4017.32	0.0869	P	3.9
4	☐	50.000	49.241	45984.36	0.9912	P	0.3
5	☐	125.000	126.572	113676.65	2.5475	P	4.8
6	☐	250.000	246.622	227778.42	4.9636	P	1.0
7	☐	500.000	542.819	446861.44	10.9246	P	13.7
8	☐	1000.000	979.280	876020.53	19.7084	P	0.2
9	☐			451.13	0.0102	P	6.1

$$y = 0.0201 * x + 2.4723E-004$$

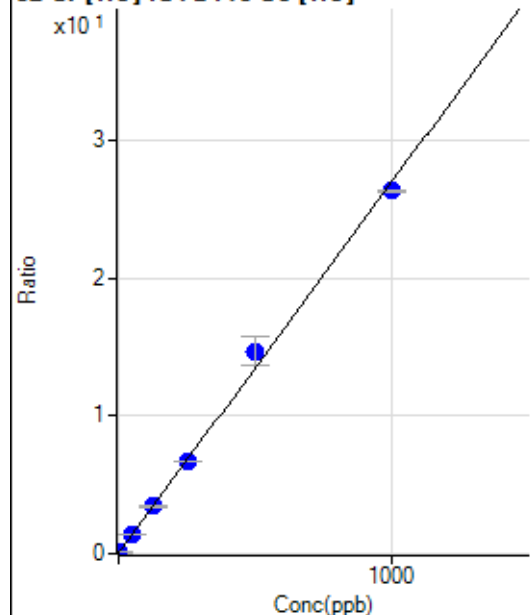
$$R = 0.9986$$

$$DL = 0.01719$$

$$BEC = 0.01228$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1055.62	0.0234	P	6.4
2	☐	0.200					
3	☐	2.000	1.944	3504.95	0.0758	P	3.4
4	☐	50.000	50.049	63653.89	1.3722	P	1.0
5	☐	125.000	127.689	154595.67	3.4645	P	4.7
6	☐	250.000	248.671	308605.08	6.7248	P	0.8
7	☐	500.000	545.736	602239.33	14.7303	P	14.2
8	☐	1000.000	977.126	1171477.49	26.3556	P	0.2
9	☐			37113.69	0.8356	P	0.1

$$y = 0.0269 * x + 0.0234$$

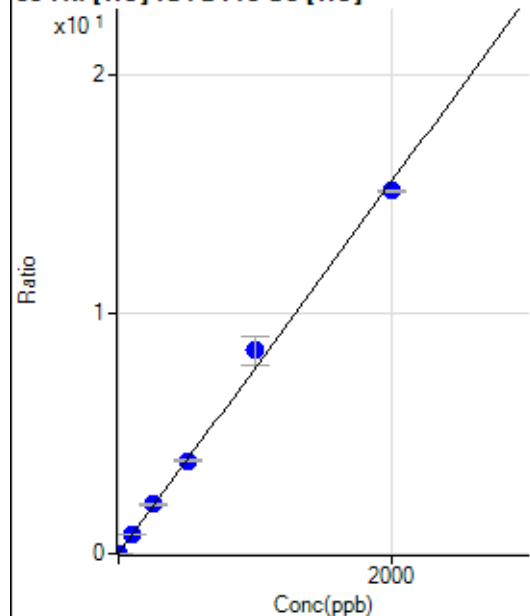
$$R = 0.9984$$

$$DL = 0.1657$$

$$BEC = 0.8695$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	68.89	0.0015	P	18.9
2	☐	0.100					
3	☐	1.000	0.970	417.79	0.0090	P	11.7
4	☐	100.000	101.579	36591.31	0.7888	P	1.3
5	☐	250.000	263.908	91331.71	2.0469	P	5.1
6	☐	500.000	499.363	177676.28	3.8718	P	1.0
7	☐	1000.000	1093.259	346443.71	8.4746	P	14.4
8	☐	2000.000	1951.712	672425.54	15.1279	P	0.4
9	☐			3882.82	0.0874	P	2.6

$$y = 0.0078 * x + 0.0015$$

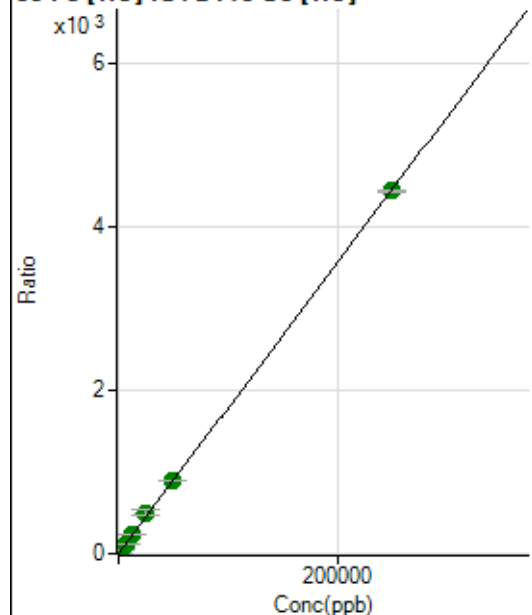
$$R = 0.9984$$

$$DL = 0.1116$$

$$BEC = 0.1971$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2961.52	0.0657	P	6.2
2	☐	5.000					
3	☐	50.000	44.234	39383.92	0.8521	P	3.2
4	☐	2500.000	2604.278	2150677.65	46.3599	A	0.6
5	☐	6250.000	6538.880	5189715.62	116.3021	A	4.8
6	☐	12500.000	12691.499	10356015.62	225.6722	A	1.1
7	☐	25000.000	27879.909	20271039.34	495.6642	A	13.9
8	☐	50000.000	50168.004	39641779.13	891.8615	A	0.6
9	☐	250000.00	249660.57	197111959.9	4,438.078	A	0.4

$$y = 0.0178 * x + 0.0657$$

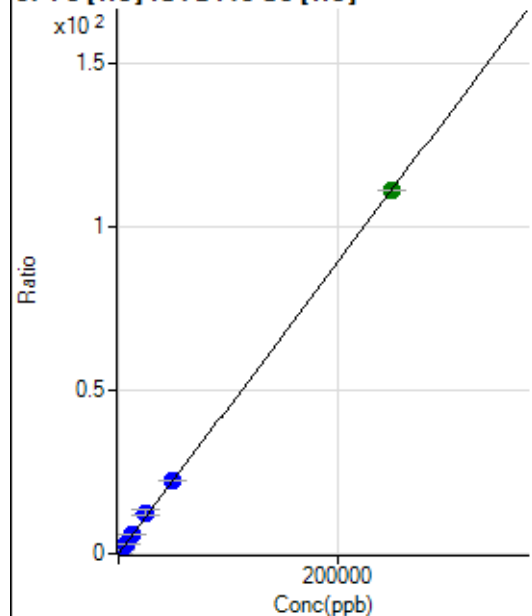
R = 0.9999

DL = 0.6847

BEC = 3.698

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	68.52	0.0015	P	23.9
2	☐	5.000					
3	☐	50.000	43.989	975.99	0.0211	P	0.2
4	☐	2500.000	2561.823	52991.61	1.1423	P	1.2
5	☐	6250.000	6575.206	130748.27	2.9295	P	4.0
6	☐	12500.000	12838.689	262445.25	5.7187	P	0.6
7	☐	25000.000	27995.296	509891.09	12.4682	P	13.9
8	☐	50000.000	50340.801	996501.21	22.4189	P	0.1
9	☐	250000.00	249606.62	4936741.60	111.1544	A	0.1

$$y = 4.4531E-004 * x + 0.0015$$

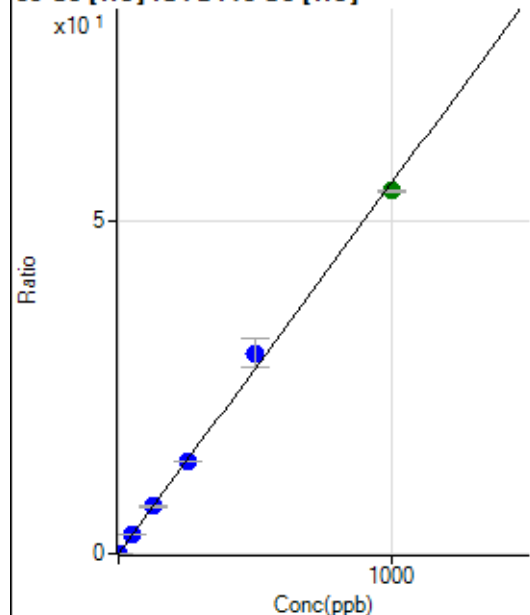
R = 0.9999

DL = 2.451

BEC = 3.418

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	78.89	0.0017	P	15.3
2	☐	0.100					
3	☐	1.000	0.884	2356.91	0.0510	P	9.3
4	☐	50.000	49.591	128234.40	2.7643	P	0.7
5	☐	125.000	127.576	317205.94	7.1085	P	4.8
6	☐	250.000	248.204	634590.96	13.8283	P	0.8
7	☐	500.000	541.761	1234474.32	30.1813	P	13.7
8	☐	1000.000	979.267	2424799.36	54.5532	A	0.6
9	☐			4194.03	0.0944	P	2.7

$$y = 0.0557 * x + 0.0017$$

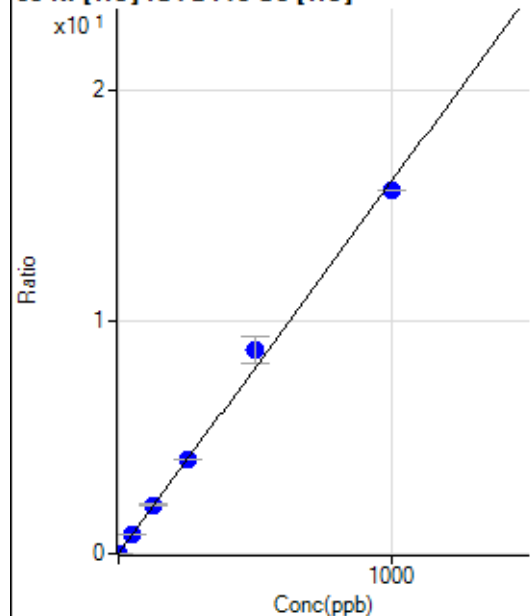
$$R = 0.9987$$

$$DL = 0.01444$$

$$BEC = 0.0314$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	142.23	0.0032	P	11.9
2	☐	0.100					
3	☐	1.000	0.942	844.48	0.0183	P	2.4
4	☐	50.000	50.289	37555.16	0.8095	P	0.3
5	☐	125.000	129.908	93083.94	2.0862	P	5.2
6	☐	250.000	252.134	185672.71	4.0461	P	1.1
7	☐	500.000	547.264	359176.87	8.7784	P	13.3
8	☐	1000.000	975.207	695197.62	15.6403	P	0.1
9	☐			12137.69	0.2733	P	1.0

$$y = 0.0160 * x + 0.0032$$

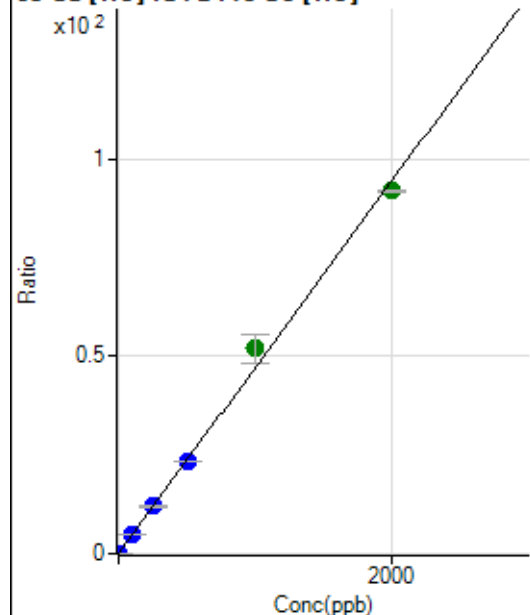
$$R = 0.9983$$

$$DL = 0.07006$$

$$BEC = 0.1969$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	231.12	0.0051	P	6.7
2	☐	0.200					
3	☐	2.000	1.981	4559.71	0.0986	P	1.1
4	☐	100.000	100.117	219398.84	4.7296	P	1.0
5	☐	250.000	256.942	541266.31	12.1300	P	4.9
6	☐	500.000	498.449	1079647.83	23.5265	P	0.8
7	☐	1000.000	1100.688	2123886.84	51.9456	A	14.2
8	☐	2000.000	1949.170	4088653.10	91.9847	A	0.2
9	☐			9642.38	0.2171	P	1.1

$$y = 0.0472 * x + 0.0051$$

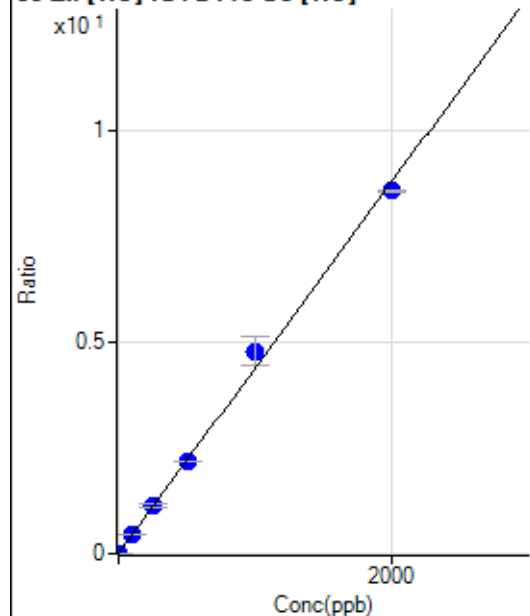
$$R = 0.9981$$

$$DL = 0.02183$$

$$BEC = 0.1087$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0009	P	12.5
2	☐	0.200					
3	☐	2.000	2.161	478.90	0.0104	P	12.8
4	☐	100.000	101.924	20837.01	0.4491	P	2.5
5	☐	250.000	259.447	50937.84	1.1420	P	6.3
6	☐	500.000	498.792	100716.51	2.1947	P	0.6
7	☐	1000.000	1091.919	196534.51	4.8034	P	13.3
8	☐	2000.000	1953.065	381853.71	8.5909	P	0.6
9	☐			4645.30	0.1046	P	3.7

$$y = 0.0044 * x + 8.6245E-004$$

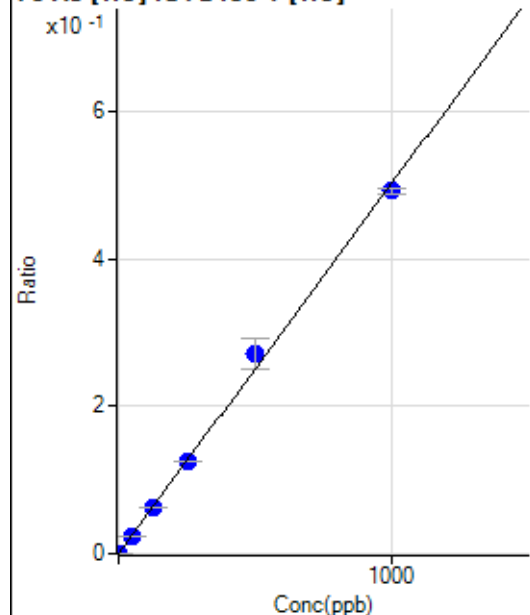
$$R = 0.9984$$

$$DL = 0.07353$$

$$BEC = 0.1961$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6.79	0.0000	P	87.7
2	☐	0.100					
3	☐	1.000	0.837	132.72	0.0004	P	8.0
4	☐	50.000	48.480	7420.57	0.0243	P	2.8
5	☐	125.000	124.403	18452.52	0.0624	P	2.6
6	☐	250.000	247.215	37413.48	0.1240	P	0.1
7	☐	500.000	540.101	72805.14	0.2710	P	15.3
8	☐	1000.000	980.796	143054.44	0.4921	P	1.2
9	☐			82.10	0.0003	P	24.5

$$y = 5.0169\text{E-}004 * x + 2.3170\text{E-}005$$

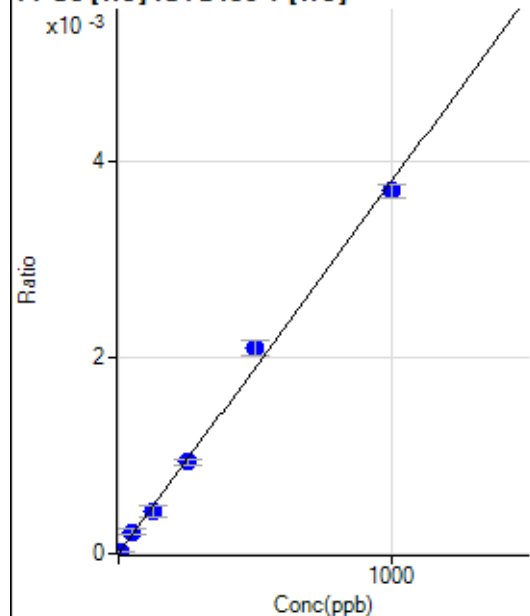
$$R = 0.9988$$

$$DL = 0.1215$$

$$BEC = 0.04618$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	4.882	5.55	0.0000	P	69.7
4	☐	50.000	58.517	67.78	0.0002	P	22.4
5	☐	125.000	114.286	127.78	0.0004	P	27.9
6	☐	250.000	247.118	283.34	0.0009	P	6.9
7	☐	500.000	552.941	570.02	0.0021	P	7.1
8	☐	1000.000	975.164	1077.84	0.0037	P	3.4
9	☐			0.00	0.0000	P	

$$y = 3.8013\text{E-}006 * x + 0.0000\text{E+}000$$

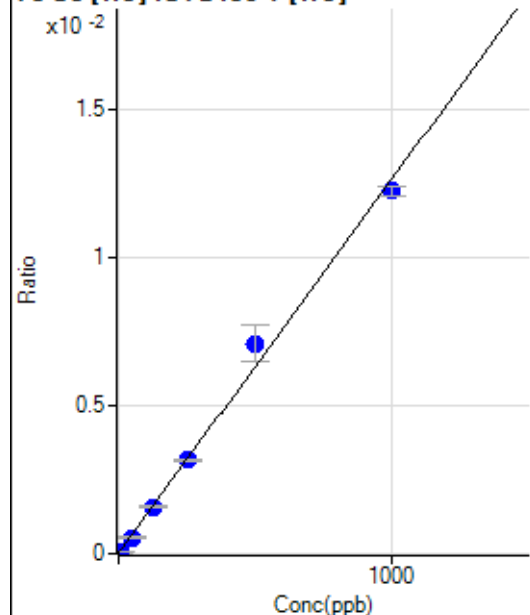
$$R = 0.9978$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.32	0.0000	P	49.9
2	☐	0.500					
3	☐	5.000	3.570	17.90	0.0001	P	24.0
4	☐	50.000	41.234	162.97	0.0005	P	11.3
5	☐	125.000	123.735	465.45	0.0016	P	3.6
6	☐	250.000	249.278	952.51	0.0032	P	1.8
7	☐	500.000	561.438	1902.62	0.0071	P	17.4
8	☐	1000.000	970.065	3560.37	0.0122	P	2.9
9	☐			4.94	0.0000	P	86.6

$$y = 1.2610\text{E-}005 * x + 1.4726\text{E-}005$$

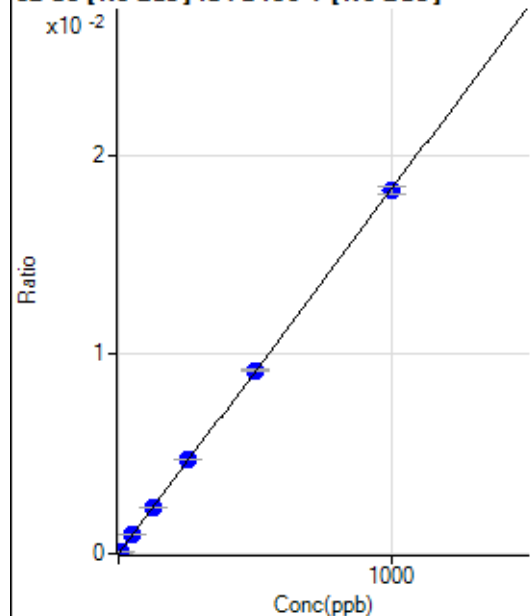
$$R = 0.9971$$

$$DL = 1.749$$

$$BEC = 1.168$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-47.63	0.0000	P	-66.
2	☐	0.500					
3	☐	5.000	4.512	518.60	0.0001	P	6.1
4	☐	50.000	51.299	6424.48	0.0009	P	0.9
5	☐	125.000	128.320	16608.18	0.0023	P	0.9
6	☐	250.000	259.062	33695.50	0.0047	P	0.7
7	☐	500.000	503.642	66571.26	0.0092	P	0.7
8	☐	1000.000	995.436	132164.20	0.0182	P	2.1
9	☐			108.92	0.0000	P	125.

$$y = 1.8304\text{E-}005 * x - 7.0072\text{E-}006$$

$$R = 0.9999$$

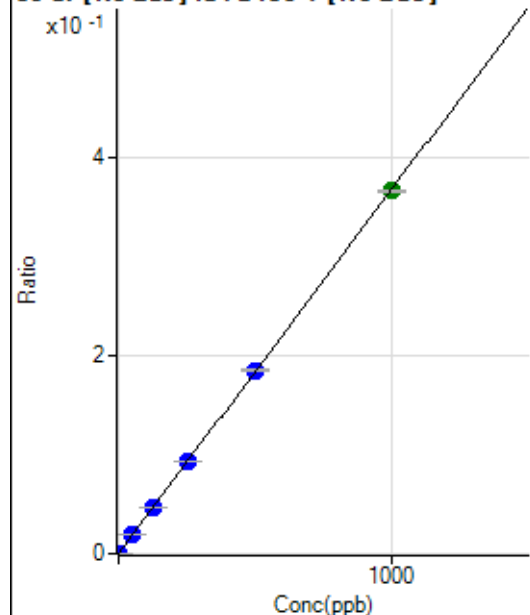
$$DL = 0.7687$$

$$BEC = -0.3828$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1258.45	0.0002	P	3.9
2	☐	0.100					
3	☐	1.000	1.012	3825.72	0.0006	P	7.3
4	☐	50.000	50.978	130426.78	0.0189	P	0.6
5	☐	125.000	127.228	332916.72	0.0469	P	0.6
6	☐	250.000	254.629	667266.83	0.0938	P	0.8
7	☐	500.000	504.062	1340052.21	0.1854	P	1.1
8	☐	1000.000	996.484	2659120.07	0.3664	A	0.9
9	☐			94048.32	0.0131	P	1.9

$$y = 3.6750E-004 * x + 1.8579E-004$$

$$R = 1.0000$$

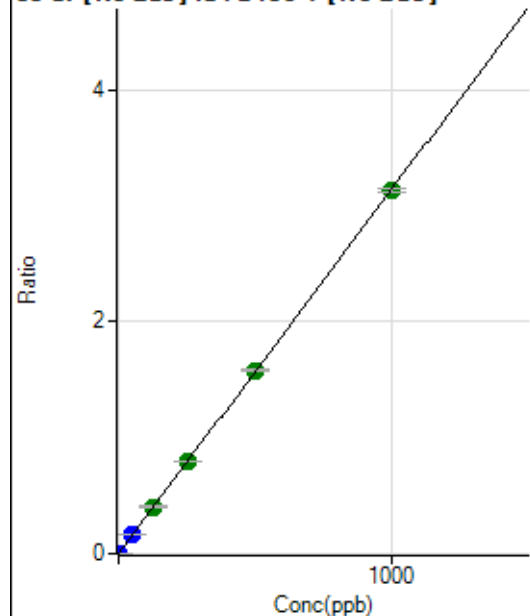
$$DL = 0.05878$$

$$BEC = 0.5055$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	197.23	0.0000	P	8.1
2	☐	0.100					
3	☐	1.000	0.930	20249.08	0.0030	P	1.4
4	☐	50.000	51.610	1117998.52	0.1622	P	0.5
5	☐	125.000	129.356	2882596.90	0.4065	A	0.3
6	☐	250.000	254.914	5699914.67	0.8009	A	0.7
7	☐	500.000	503.647	11435836.37	1.5824	A	1.0
8	☐	1000.000	996.323	22717857.28	3.1304	A	1.1
9	☐			797463.40	0.1108	P	1.2

$$y = 0.0031 * x + 2.9136E-005$$

$$R = 1.0000$$

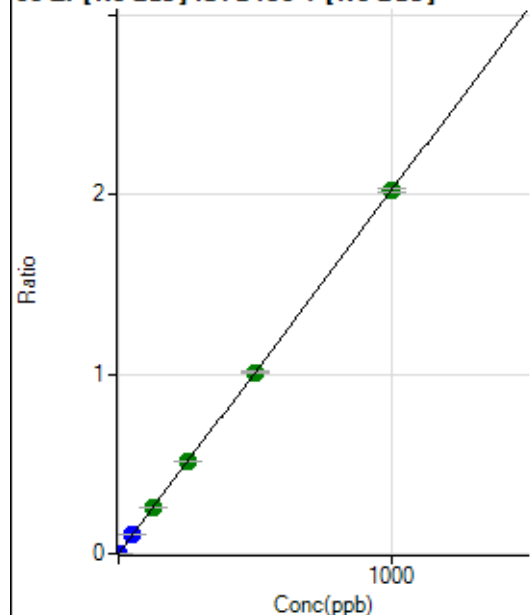
$$DL = 0.002256$$

$$BEC = 0.009273$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	466.70	0.0001	P	8.7
2	☐	0.100					
3	☐	1.000	0.848	12256.06	0.0018	P	0.9
4	☐	50.000	51.126	713646.93	0.1035	P	1.3
5	☐	125.000	127.439	1829340.47	0.2579	A	1.1
6	☐	250.000	254.290	3662355.77	0.5146	A	0.1
7	☐	500.000	499.242	7301324.47	1.0103	A	0.5
8	☐	1000.000	998.946	14670526.02	2.0215	A	1.2
9	☐			4039.67	0.0006	P	1.3

$$y = 0.0020 * x + 6.8922E-005$$

$$R = 1.0000$$

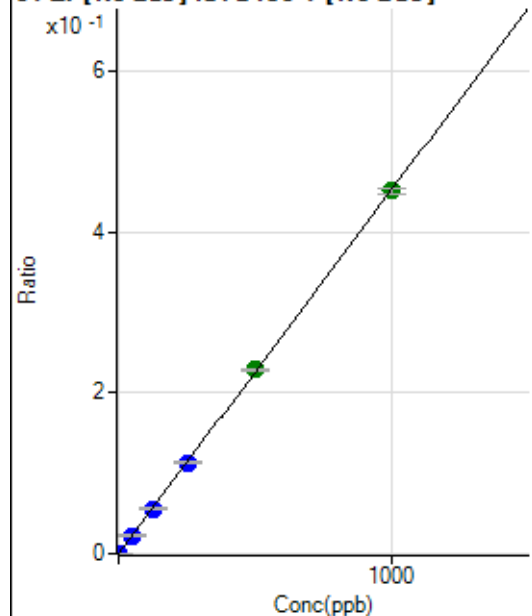
$$DL = 0.008857$$

$$BEC = 0.03406$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0000	P	54.0
2	☐	0.100					
3	☐	1.000	0.856	2755.94	0.0004	P	8.8
4	☐	50.000	50.036	156344.71	0.0227	P	1.1
5	☐	125.000	124.189	399079.37	0.0563	P	0.4
6	☐	250.000	249.961	805879.70	0.1132	P	1.0
7	☐	500.000	505.331	1654423.41	0.2289	A	0.5
8	☐	1000.000	997.444	3278920.06	0.4518	A	1.8
9	☐			905.63	0.0001	P	13.4

$$y = 4.5299E-004 * x + 1.4044E-005$$

$$R = 1.0000$$

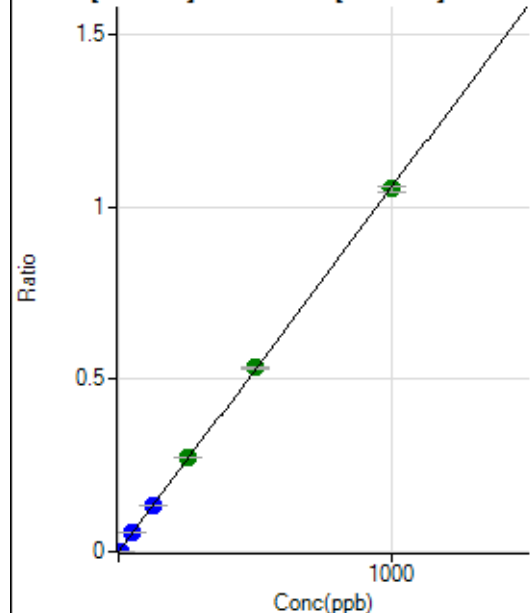
$$DL = 0.0502$$

$$BEC = 0.031$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	169.45	0.0000	P	40.7
2	☐	0.500					
3	☐	5.000	1.914	14041.21	0.0020	P	1.8
4	☐	50.000	50.485	367746.92	0.0533	P	1.1
5	☐	125.000	125.934	943485.63	0.1330	P	0.8
6	☐	250.000	256.865	1930857.03	0.2713	A	0.2
7	☐	500.000	504.346	3849892.01	0.5327	A	0.9
8	☐	1000.000	995.985	7633927.43	1.0520	A	1.8
9	☐			13123.56	0.0018	P	0.7

$$y = 0.0011 * x + 2.4929E-005$$

$$R = 0.9999$$

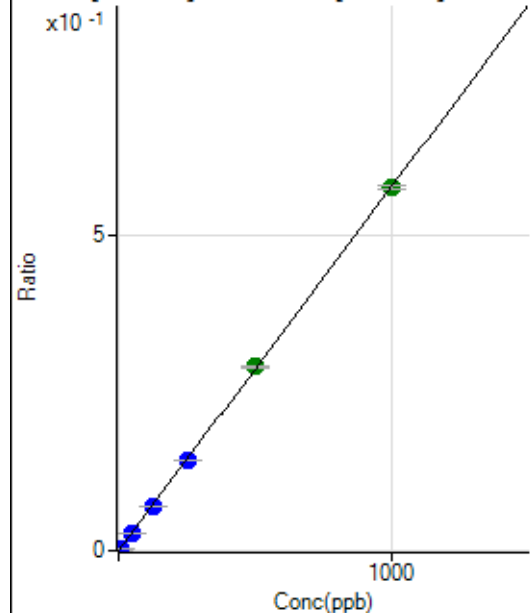
$$DL = 0.02881$$

$$BEC = 0.0236$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.23	0.0000	P	28.5
2	☐	0.500					
3	☐	5.000	4.318	17097.62	0.0025	P	1.6
4	☐	50.000	49.840	197719.43	0.0287	P	0.4
5	☐	125.000	123.265	503014.81	0.0709	P	0.8
6	☐	250.000	249.011	1019600.31	0.1433	P	0.6
7	☐	500.000	506.423	2105773.96	0.2914	A	1.1
8	☐	1000.000	997.264	4164108.64	0.5738	A	1.1
9	☐			20385.44	0.0028	P	1.9

$$y = 5.7535E-004 * x + 6.9906E-006$$

$$R = 1.0000$$

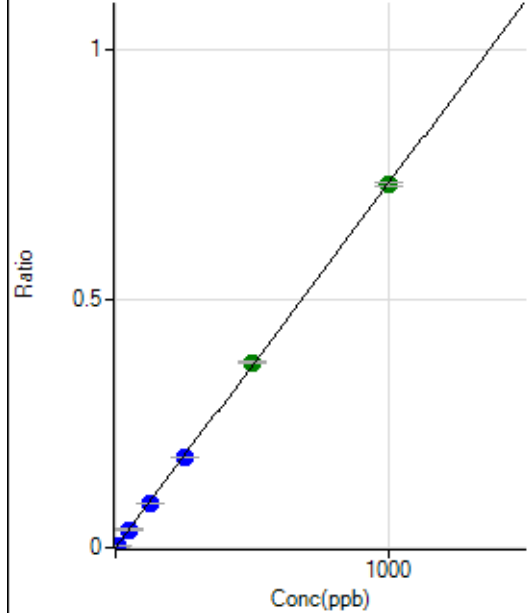
$$DL = 0.01039$$

$$BEC = 0.01215$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	46.2
2	☐	0.500					
3	☐	5.000	3.725	18813.73	0.0027	P	0.9
4	☐	50.000	50.044	252683.91	0.0367	P	1.7
5	☐	125.000	123.110	639367.80	0.0902	P	1.1
6	☐	250.000	248.947	1297239.70	0.1823	P	0.7
7	☐	500.000	508.734	2692087.32	0.3725	A	1.2
8	☐	1000.000	996.137	5293279.20	0.7294	A	1.2
9	☐			23707.61	0.0033	P	4.2

$$y = 7.3219\text{E-}004 * x + 1.3494\text{E-}005$$

$$R = 0.9999$$

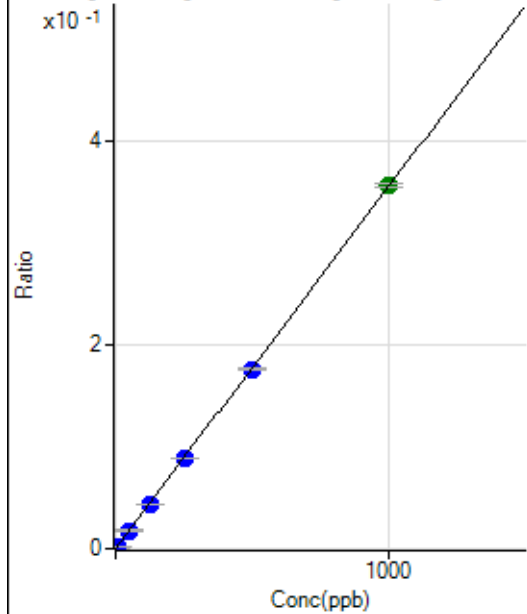
$$DL = 0.02555$$

$$BEC = 0.01843$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	46.3
2	☐	0.500					
3	☐	5.000	4.291	10546.25	0.0015	P	0.7
4	☐	50.000	50.027	122664.81	0.0178	P	1.9
5	☐	125.000	124.289	313412.95	0.0442	P	0.7
6	☐	250.000	250.359	633397.87	0.0890	P	0.7
7	☐	500.000	495.699	1273520.01	0.1762	P	0.4
8	☐	1000.000	1002.152	2585463.16	0.3562	A	0.9
9	☐			13181.93	0.0018	P	3.2

$$y = 3.5547\text{E-}004 * x + 1.1134\text{E-}005$$

$$R = 1.0000$$

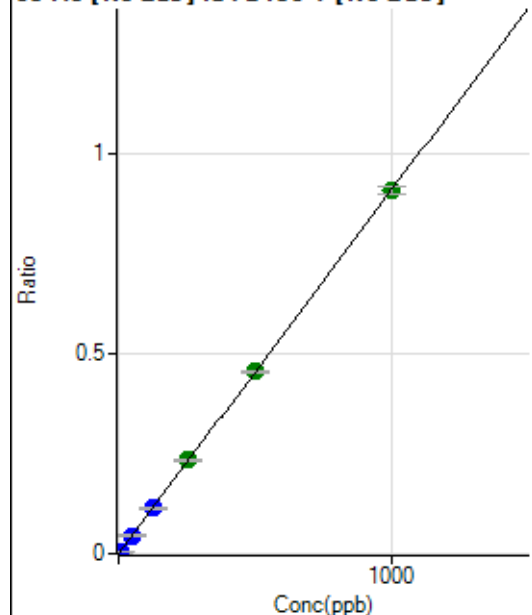
$$DL = 0.04354$$

$$BEC = 0.03132$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	41.4
2	☐	0.500					
3	☐	5.000	4.264	26735.73	0.0039	P	2.3
4	☐	50.000	50.063	314529.78	0.0456	P	0.9
5	☐	125.000	124.453	804343.37	0.1134	P	0.5
6	☐	250.000	256.680	1664558.47	0.2339	A	1.1
7	☐	500.000	501.239	3300916.22	0.4567	A	0.7
8	☐	1000.000	997.779	6597498.19	0.9092	A	2.1
9	☐			32236.91	0.0045	P	1.9

$$y = 9.1121\text{E-}004 * x + 1.0244\text{E-}005$$

$$R = 1.0000$$

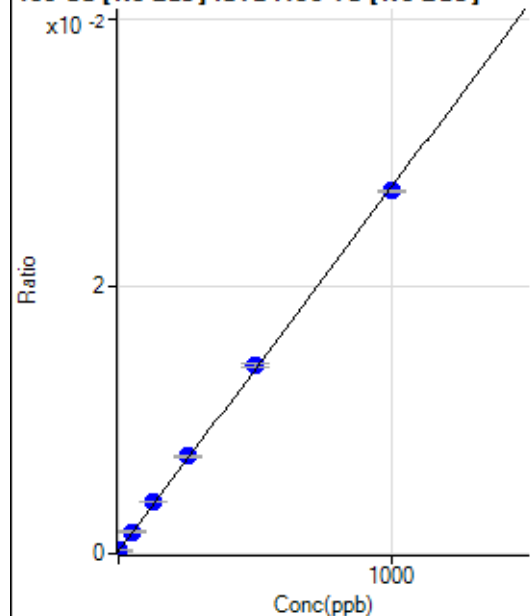
$$DL = 0.01396$$

$$BEC = 0.01124$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1222.34	0.0002	P	11.2
2	☐	0.100					
3	☐	1.000	1.994	1597.39	0.0002	P	1.9
4	☐	50.000	53.773	11499.86	0.0016	P	3.4
5	☐	125.000	136.346	27723.95	0.0039	P	1.4
6	☐	250.000	261.001	53995.46	0.0073	P	0.7
7	☐	500.000	511.866	106729.05	0.0141	P	2.1
8	☐	1000.000	989.709	210362.19	0.0272	P	0.8
9	☐			1555.72	0.0002	P	6.5

$$y = 2.7253\text{E-}005 * x + 1.8046\text{E-}004$$

$$R = 0.9998$$

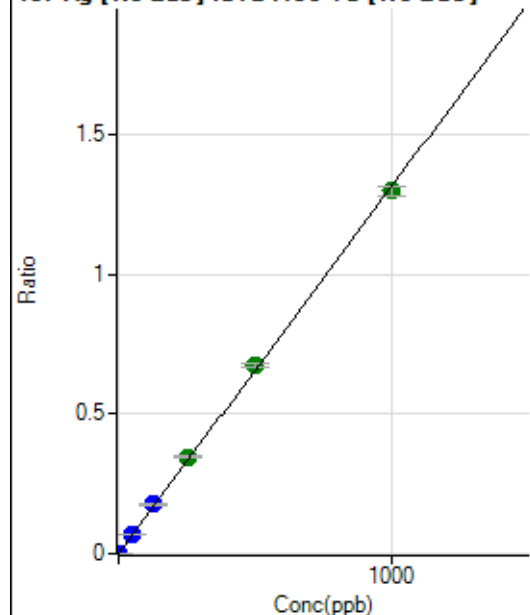
$$DL = 2.232$$

$$BEC = 6.622$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	350.05	0.0001	P	25.6
2	☐	0.100					
3	☐	1.000	0.897	8375.22	0.0012	P	6.1
4	☐	50.000	53.506	492014.87	0.0704	P	0.3
5	☐	125.000	133.686	1251335.64	0.1759	P	0.8
6	☐	250.000	264.333	2573880.68	0.3477	A	0.5
7	☐	500.000	513.692	5103148.94	0.6756	A	1.4
8	☐	1000.000	988.310	10067890.33	1.2998	A	2.4
9	☐			2817.10	0.0004	P	4.3

$$y = 0.0013 * x + 5.1790E-005$$

$$R = 0.9997$$

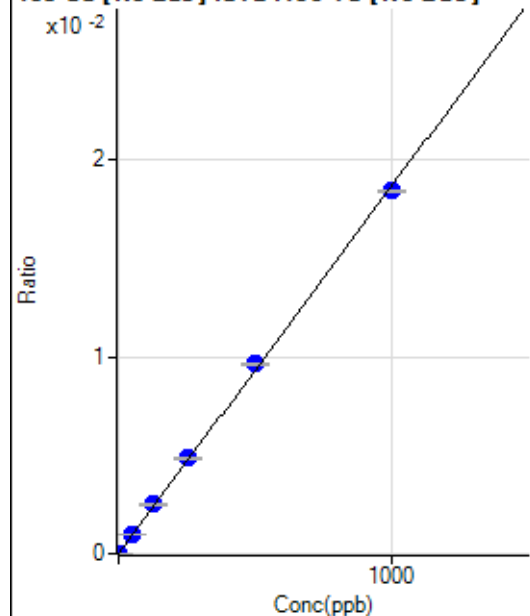
$$DL = 0.03022$$

$$BEC = 0.03938$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.34	0.0000	P	85.2
2	☐	0.100					
3	☐	1.000	1.085	145.84	0.0000	P	8.5
4	☐	50.000	52.638	6863.02	0.0010	P	1.1
5	☐	125.000	133.662	17734.19	0.0025	P	1.0
6	☐	250.000	259.919	35871.60	0.0048	P	0.8
7	☐	500.000	516.918	72785.87	0.0096	P	1.1
8	☐	1000.000	987.847	142643.72	0.0184	P	0.8
9	☐			61.12	0.0000	P	45.6

$$y = 1.8637E-005 * x + 1.2200E-006$$

$$R = 0.9997$$

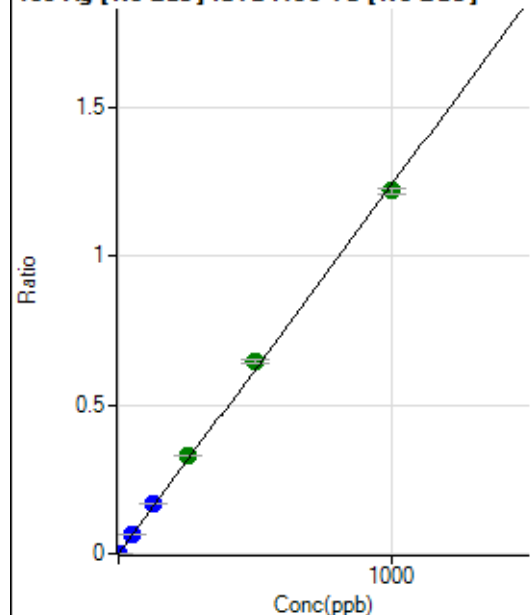
$$DL = 0.1673$$

$$BEC = 0.06546$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	222.24	0.0000	P	17.0
2	☐	0.100					
3	☐	1.000	0.880	7641.37	0.0011	P	4.4
4	☐	50.000	53.821	466373.64	0.0667	P	0.4
5	☐	125.000	135.275	1193381.63	0.1677	P	0.3
6	☐	250.000	264.262	2425287.27	0.3276	A	0.2
7	☐	500.000	521.420	4882298.24	0.6464	A	1.5
8	☐	1000.000	984.249	9451504.81	1.2201	A	1.3
9	☐			2555.92	0.0003	P	2.1

$$y = 0.0012 * x + 3.2833E-005$$

$$R = 0.9995$$

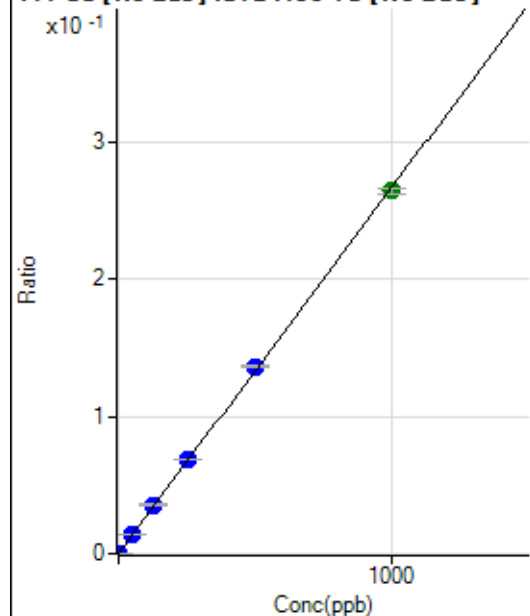
$$DL = 0.01349$$

$$BEC = 0.02649$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	865.08	0.0001	P	11.5
2	☐	0.100					
3	☐	1.000	0.985	2653.73	0.0004	P	2.4
4	☐	50.000	53.448	100401.45	0.0144	P	1.6
5	☐	125.000	133.201	253456.47	0.0356	P	0.7
6	☐	250.000	258.196	510271.22	0.0689	P	0.1
7	☐	500.000	510.017	1027473.91	0.1360	P	0.9
8	☐	1000.000	991.745	2048197.33	0.2644	A	1.4
9	☐			1551.80	0.0002	P	5.0

$$y = 2.6646E-004 * x + 1.2772E-004$$

$$R = 0.9999$$

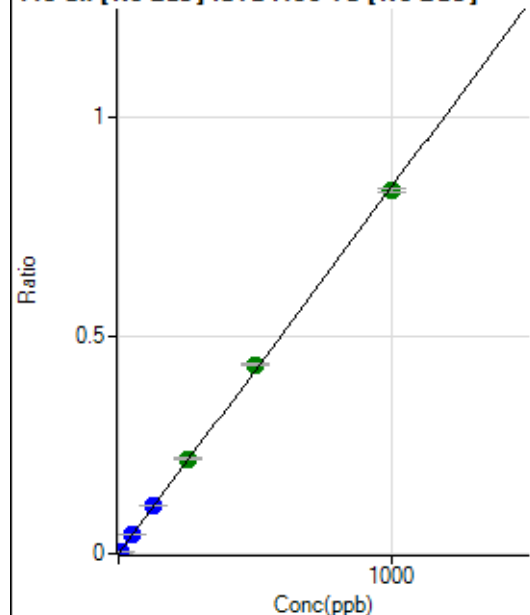
$$DL = 0.1647$$

$$BEC = 0.4793$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	763.95	0.0001	P	6.9
2	☐	0.500					
3	☐	5.000	4.696	27638.03	0.0041	P	0.5
4	☐	50.000	52.018	306496.05	0.0439	P	0.7
5	☐	125.000	130.496	781814.56	0.1099	P	0.8
6	☐	250.000	259.505	1616752.53	0.2184	A	0.6
7	☐	500.000	514.400	3269058.80	0.4328	A	1.1
8	☐	1000.000	989.638	6449384.13	0.8325	A	1.2
9	☐			9231.37	0.0012	P	2.4

$$y = 8.4112\text{E-}004 * x + 1.1269\text{E-}004$$

$$R = 0.9998$$

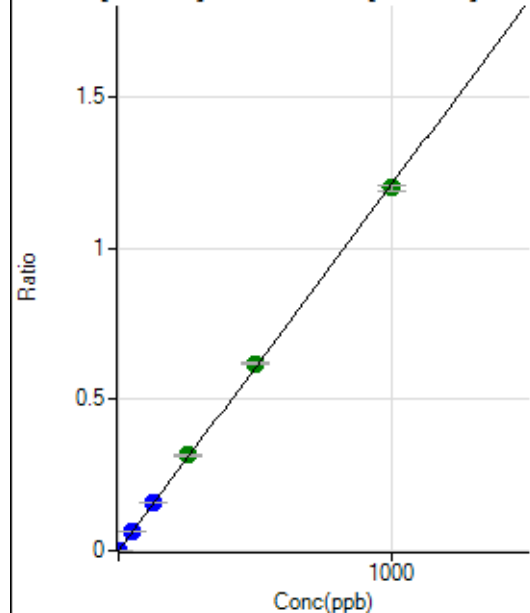
$$DL = 0.02783$$

$$BEC = 0.134$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	77.78	0.0000	P	13.7
2	☐	0.200					
3	☐	2.000	1.901	15762.74	0.0023	P	1.3
4	☐	50.000	52.050	441071.45	0.0631	P	0.3
5	☐	125.000	131.160	1131758.00	0.1591	P	0.4
6	☐	250.000	260.216	2336032.10	0.3155	A	0.3
7	☐	500.000	511.323	4683299.24	0.6200	A	1.3
8	☐	1000.000	990.912	9307988.49	1.2016	A	1.6
9	☐			22096.96	0.0029	P	0.5

$$y = 0.0012 * x + 1.1485\text{E-}005$$

$$R = 0.9998$$

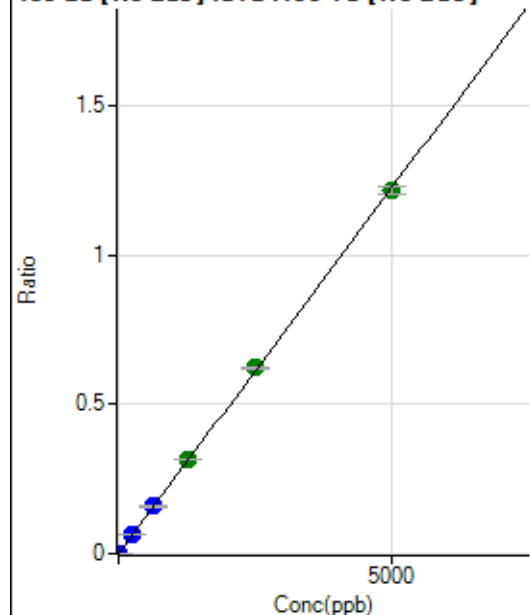
$$DL = 0.003893$$

$$BEC = 0.009472$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	15.9
2	☐	1.000					
3	☐	10.000	8.929	14920.19	0.0022	P	3.4
4	☐	250.000	257.350	440925.30	0.0631	P	1.0
5	☐	625.000	645.025	1125409.78	0.1582	P	0.5
6	☐	1250.000	1286.788	2335807.56	0.3155	A	1.1
7	☐	2500.000	2549.852	4722622.33	0.6252	A	1.2
8	☐	5000.000	4963.009	9426277.90	1.2169	A	2.2
9	☐			4987.26	0.0007	P	2.5

$$y = 2.4520E-004 * x + 4.0905E-006$$

$$R = 0.9999$$

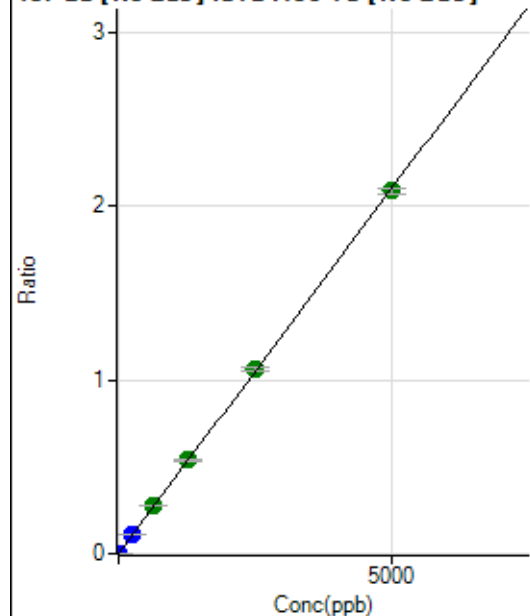
$$DL = 0.007965$$

$$BEC = 0.01668$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0000	P	29.4
2	☐	1.000					
3	☐	10.000	9.286	26577.48	0.0039	P	1.8
4	☐	250.000	258.841	758925.74	0.1086	P	0.8
5	☐	625.000	651.818	1946190.56	0.2735	A	1.1
6	☐	1250.000	1279.707	3975214.89	0.5370	A	1.3
7	☐	2500.000	2536.087	8037544.28	1.0641	A	1.8
8	☐	5000.000	4970.737	16156597.93	2.0857	A	1.8
9	☐			8778.27	0.0011	P	2.8

$$y = 4.1959E-004 * x + 1.0666E-005$$

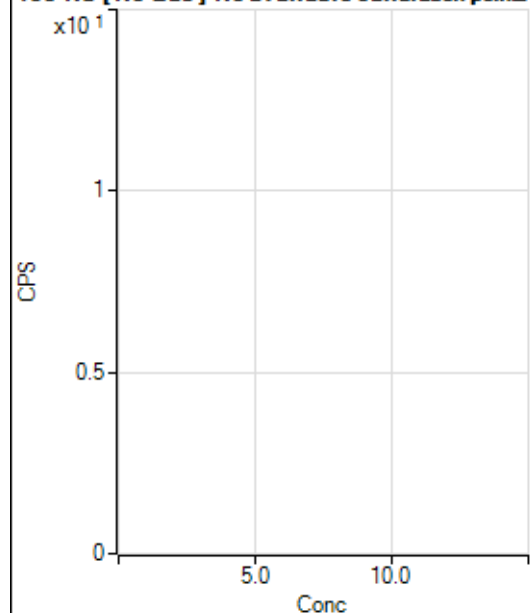
$$R = 0.9999$$

$$DL = 0.0224$$

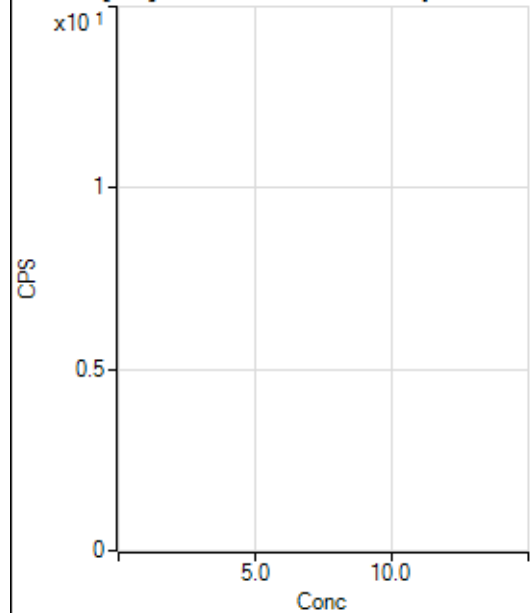
$$BEC = 0.02542$$

Weight: <None>

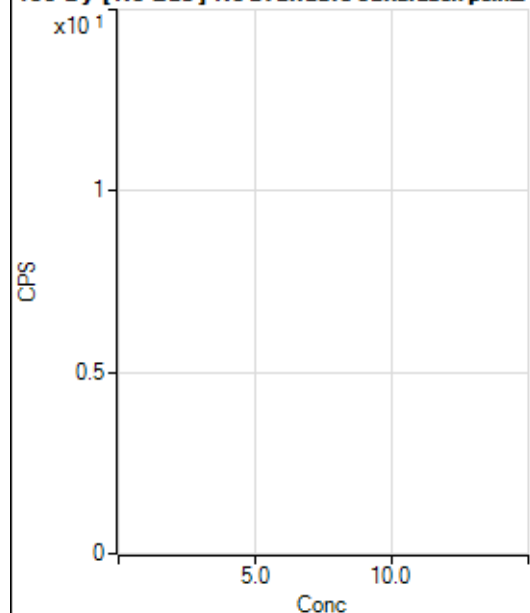
Min Conc: 0

150 Nd [No Gas] No available calibration points

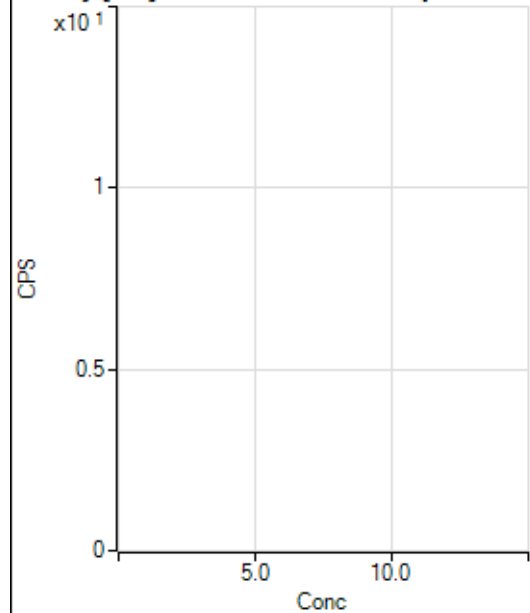
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐						
3	☐			6.67		P	100.
4	☐			13.33		P	50.0
5	☐			44.45		P	8.7
6	☐			82.22		P	24.8
7	☐			128.89		P	21.5
8	☐			320.02		P	22.9
9	☐			146.67		P	24.1

150 Nd [He] No available calibration points

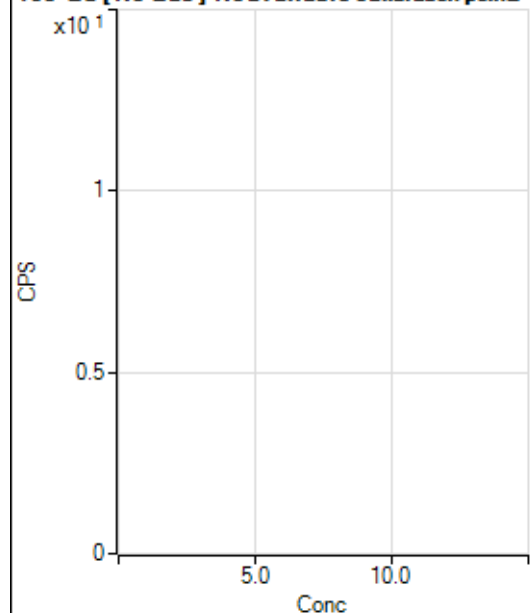
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	86.6
5	☐			1.11		P	173.
6	☐			5.56		P	34.7
7	☐			2.22		P	86.6
8	☐			1.11		P	173.
9	☐			20.00		P	16.7

156 Dy [No Gas] No available calibration points

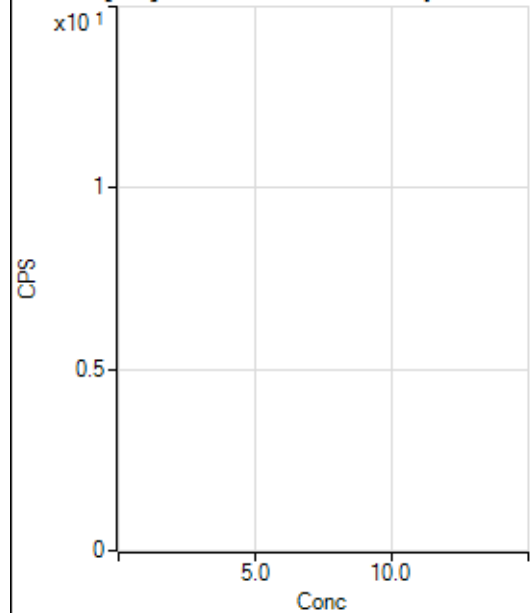
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	78.1
2	☐						
3	☐			8.33		P	100.
4	☐			16.67		P	NaN
5	☐			16.67		P	50.0
6	☐			30.56		P	31.5
7	☐			108.34		P	15.4
8	☐			116.68		P	24.7
9	☐			177.79		P	17.7

156 Dy [He] No available calibration points

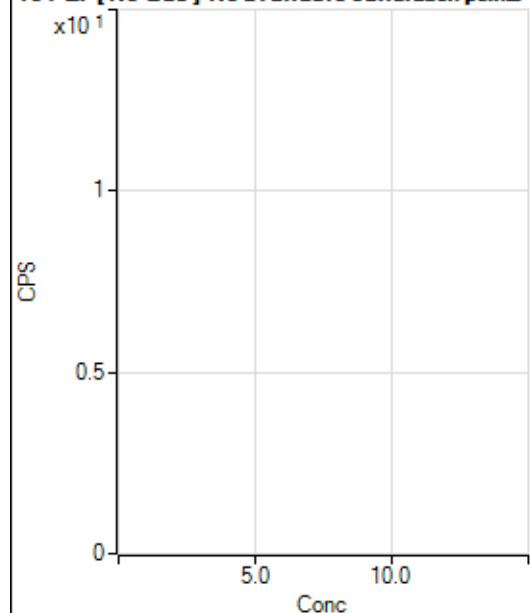
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.
4	☐			2.22		P	173.
5	☐			7.78		P	24.7
6	☐			5.55		P	124.
7	☐			14.44		P	70.5
8	☐			20.00		P	28.9
9	☐			37.78		P	5.1

160 Gd [No Gas] Noavailable calibration poin...

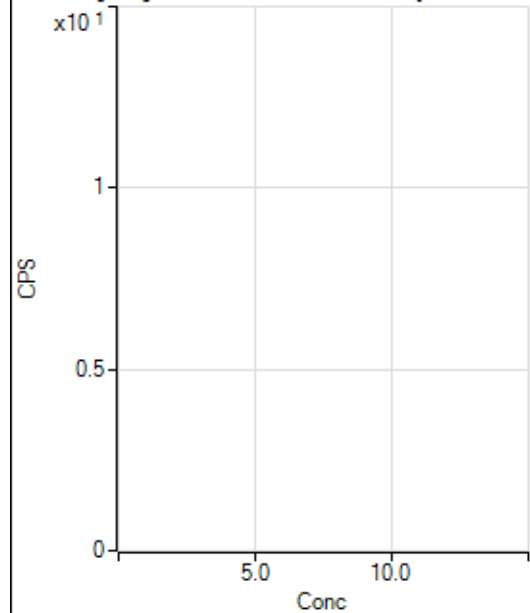
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	41.7
2	☐						
3	☐			61.12		P	7.9
4	☐			63.89		P	39.8
5	☐			75.00		P	33.3
6	☐			86.12		P	31.1
7	☐			86.11		P	22.4
8	☐			119.45		P	42.1
9	☐			138.90		P	42.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐						
3	☐			7.78		P	99.0
4	☐			15.56		P	53.9
5	☐			14.44		P	35.3
6	☐			15.56		P	53.9
7	☐			20.00		P	28.9
8	☐			26.67		P	33.1
9	☐			41.11		P	32.8

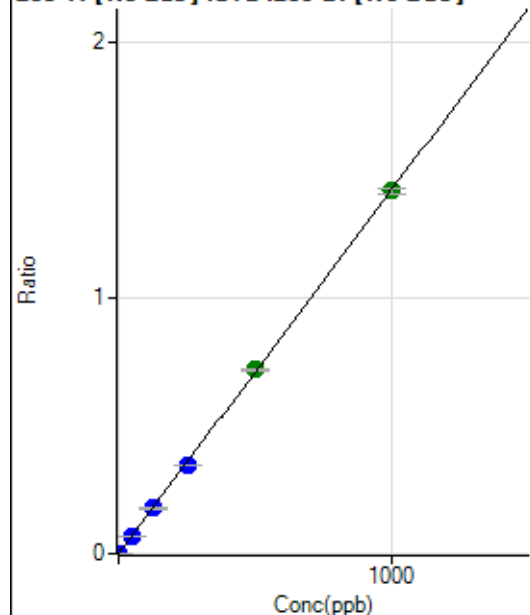
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	25.0
2	☐						
3	☐			33.33		P	25.0
4	☐			38.89		P	68.9
5	☐			30.56		P	41.7
6	☐			41.67		P	20.0
7	☐			61.11		P	55.1
8	☐			36.11		P	58.1
9	☐			83.34		P	20.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	89.2
2	☐						
3	☐			8.89		P	43.3
4	☐			6.67		P	100.
5	☐			5.56		P	91.6
6	☐			10.00		P	33.3
7	☐			8.89		P	57.3
8	☐			6.67		P	0.0
9	☐			25.56		P	39.8

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0000	P	8.4
2	☐	0.100					
3	☐	1.000	0.930	4937.33	0.0013	P	2.4
4	☐	50.000	49.251	265335.24	0.0701	P	1.2
5	☐	125.000	124.362	688353.64	0.1770	P	1.5
6	☐	250.000	244.412	1409479.79	0.3479	P	0.7
7	☐	500.000	507.332	2977595.57	0.7222	A	1.1
8	☐	1000.000	997.848	5989838.02	1.4204	A	1.4
9	☐			3867.43	0.0010	P	5.6

$$y = 0.0014 * x + 1.6951E-005$$

$$R = 0.9999$$

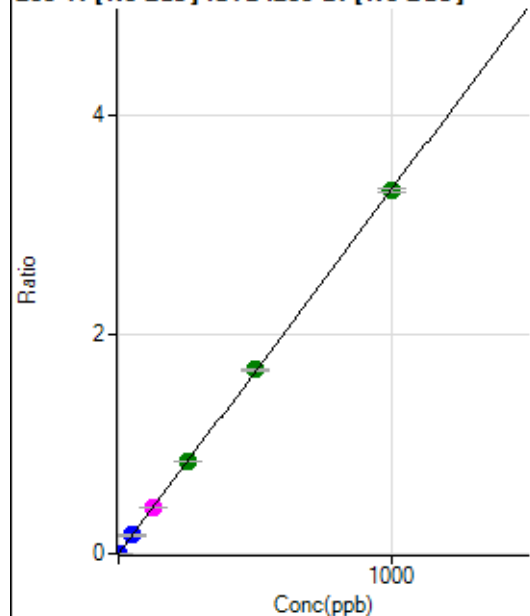
$$DL = 0.003002$$

$$BEC = 0.01191$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147.23	0.0000	P	19.8
2	☐	0.100					
3	☐	1.000	0.939	11611.38	0.0032	P	1.6
4	☐	50.000	50.259	631157.27	0.1668	P	0.8
5	☐	125.000	126.577	1633048.91	0.4200	M	2.1
6	☐	250.000	253.192	3403552.98	0.8401	A	0.2
7	☐	500.000	505.101	6910290.08	1.6759	A	1.0
8	☐	1000.000	996.441	13942834.16	3.3062	A	1.2
9	☐			9565.19	0.0024	P	2.8

$$y = 0.0033 * x + 3.9045E-005$$

$$R = 1.0000$$

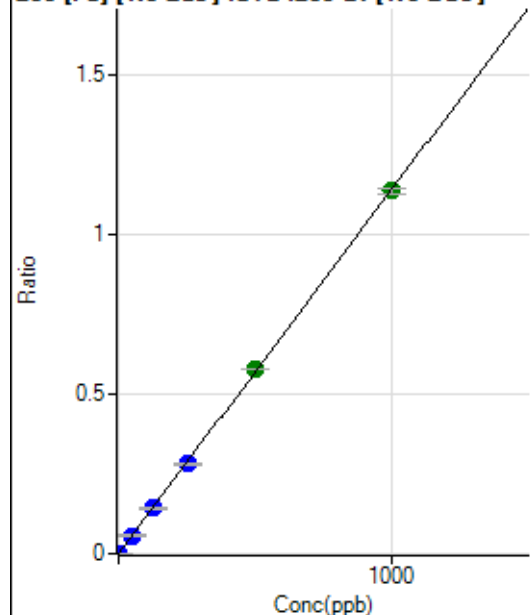
$$DL = 0.006984$$

$$BEC = 0.01177$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	359.28	0.0001	P	16.2
2	☐	0.100					
3	☐	1.000	1.270	5688.47	0.0015	P	1.0
4	☐	50.000	49.724	215048.58	0.0568	P	1.6
5	☐	125.000	124.284	551712.19	0.1419	P	2.6
6	☐	250.000	246.067	1137856.15	0.2809	P	0.7
7	☐	500.000	508.176	2391226.04	0.5799	A	0.4
8	☐	1000.000	996.998	4797896.40	1.1377	A	1.5
9	☐			10526.89	0.0026	P	3.1

$$y = 0.0011 * x + 9.5333E-005$$

$$R = 0.9999$$

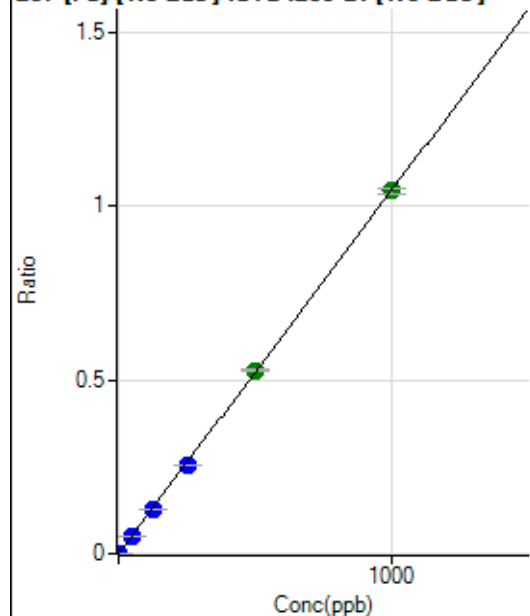
$$DL = 0.04059$$

$$BEC = 0.08355$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	285.20	0.0001	P	15.9
2	☐	0.100					
3	☐	1.000	1.230	5015.96	0.0014	P	3.0
4	☐	50.000	49.155	194750.77	0.0515	P	0.4
5	☐	125.000	122.776	499353.86	0.1284	P	2.3
6	☐	250.000	242.522	1027527.91	0.2536	P	0.5
7	☐	500.000	505.789	2180603.65	0.5289	A	0.8
8	☐	1000.000	999.295	4406121.89	1.0448	A	1.4
9	☐			8797.76	0.0022	P	2.1

$$y = 0.0010 * x + 7.5723E-005$$

$$R = 0.9999$$

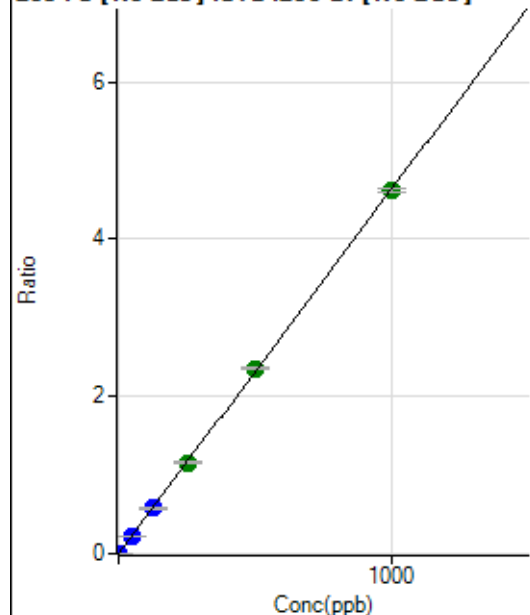
$$DL = 0.03462$$

$$BEC = 0.07243$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1327.85	0.0004	P	12.6
2	☐	0.100					
3	☐	1.000	1.233	22349.00	0.0061	P	1.5
4	☐	50.000	49.642	871979.33	0.2304	P	0.9
5	☐	125.000	124.475	2244553.74	0.5773	P	1.8
6	☐	250.000	250.222	4699845.66	1.1601	A	0.7
7	☐	500.000	508.658	9722107.64	2.3579	A	0.7
8	☐	1000.000	995.699	19463855.21	4.6153	A	1.1
9	☐			41197.64	0.0103	P	1.8

$$y = 0.0046 * x + 3.5250E-004$$

$$R = 0.9999$$

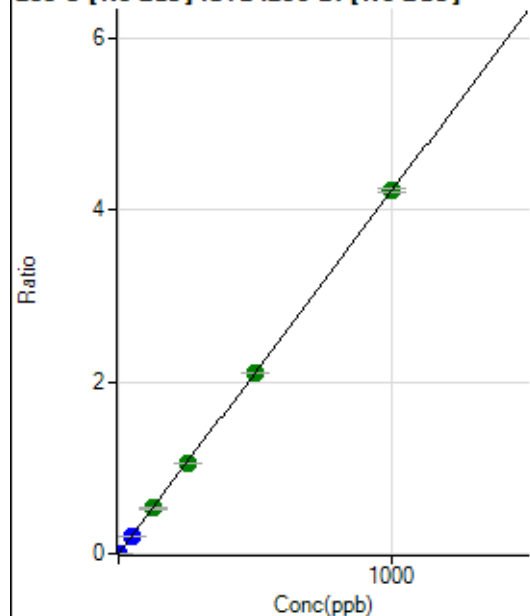
$$DL = 0.02865$$

$$BEC = 0.07605$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.90	0.0000	P	39.7
2	☐	0.100					
3	☐	1.000	0.867	13602.51	0.0037	P	2.6
4	☐	50.000	49.241	786457.47	0.2078	P	1.0
5	☐	125.000	125.512	2059597.46	0.5297	A	1.7
6	☐	250.000	250.792	4287842.89	1.0584	A	0.5
7	☐	500.000	498.228	8669386.74	2.1026	A	0.5
8	☐	1000.000	1000.662	17809420.54	4.2229	A	0.9
9	☐			4967.89	0.0012	P	2.0

$$y = 0.0042 * x + 3.6970E-005$$

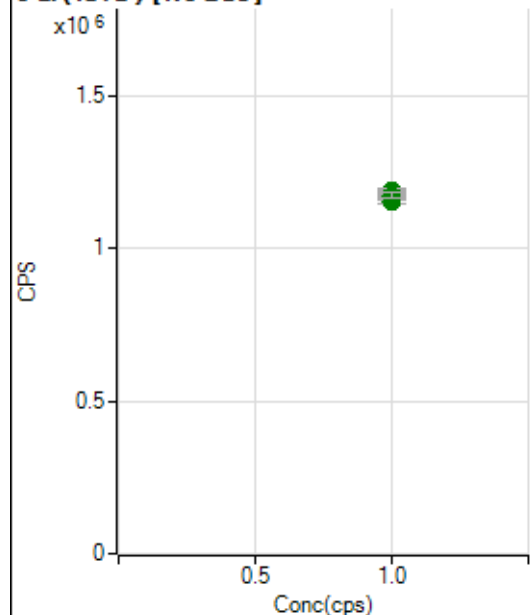
$$R = 1.0000$$

$$DL = 0.01044$$

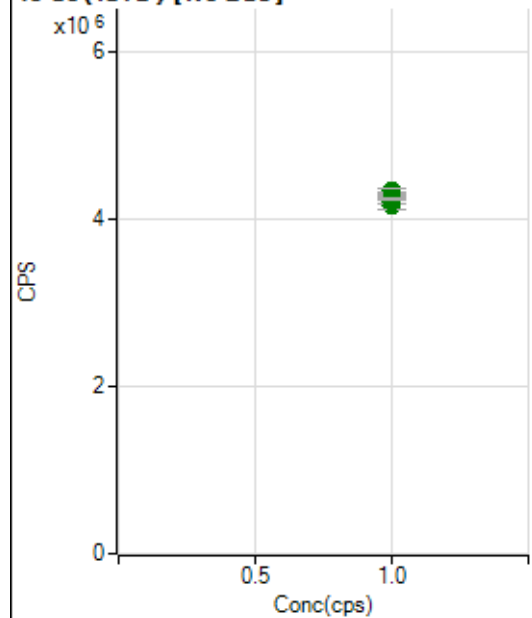
$$BEC = 0.008761$$

Weight: <None>

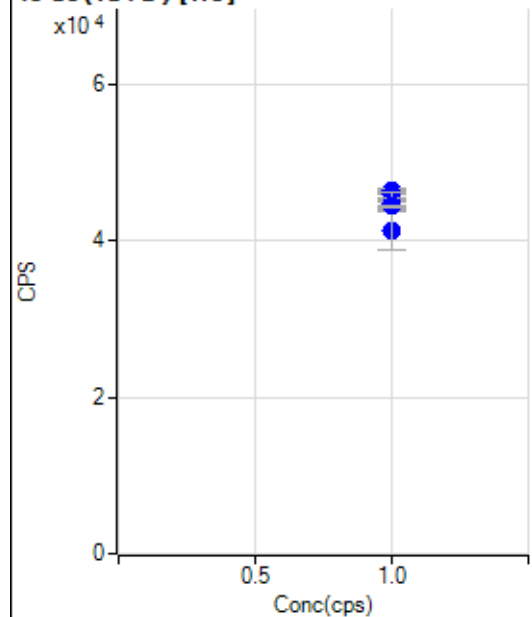
Min Conc: 0

6 Li (ISTD) [No Gas]

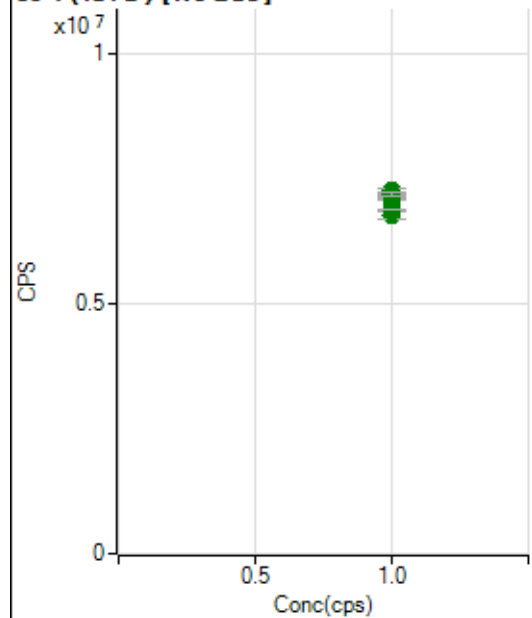
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1156950.87		A	2.0
2	☐	1.000					
3	☐	1.000		1161649.04		A	0.4
4	☐	1.000		1176702.76		A	1.4
5	☐	1.000		1178848.60		A	1.4
6	☐	1.000		1189441.14		A	0.9
7	☐	1.000		1189700.77		A	0.3
8	☐	1.000		1188504.35		A	1.4
9	☐	1.000		1175749.16		A	1.4

45 Sc (ISTD) [No Gas]

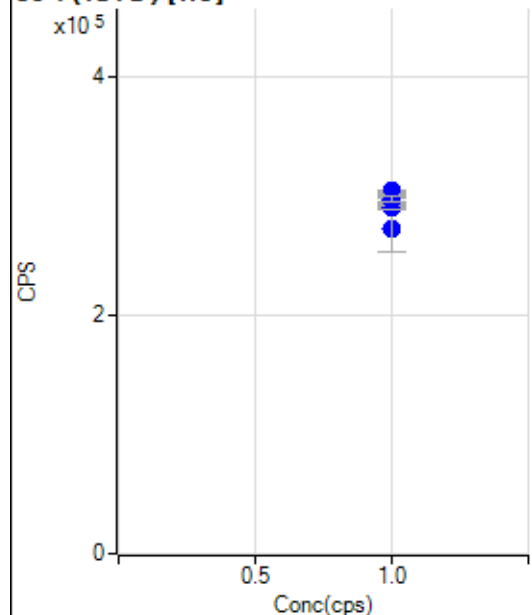
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4177833.95		A	2.7
2	☐	1.000					
3	☐	1.000		4224254.91		A	1.1
4	☐	1.000		4249179.22		A	0.1
5	☐	1.000		4273374.75		A	0.9
6	☐	1.000		4311844.50		A	0.7
7	☐	1.000		4302976.44		A	0.9
8	☐	1.000		4345303.65		A	1.6
9	☐	1.000		4256478.57		A	0.7

45 Sc (ISTD) [He]

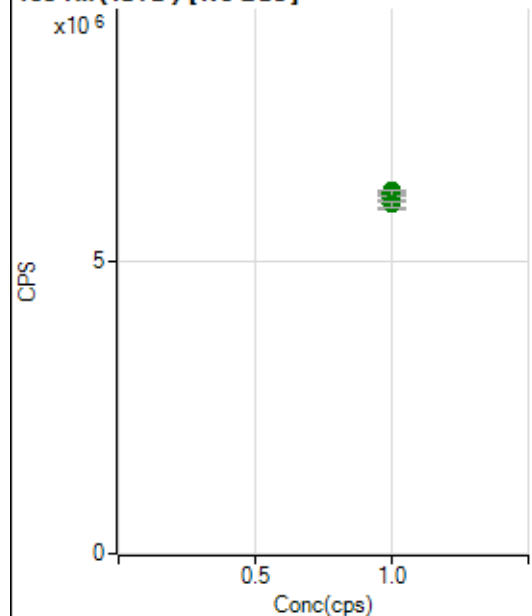
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		45064.45		P	0.8
2	☐	1.000					
3	☐	1.000		46231.44		P	1.0
4	☐	1.000		46392.02		P	1.0
5	☐	1.000		44677.87		P	3.9
6	☐	1.000		45893.73		P	1.2
7	☐	1.000		41374.69		P	12.5
8	☐	1.000		44449.03		P	0.5
9	☐	1.000		44413.47		P	0.8

89 Y (ISTD) [No Gas]

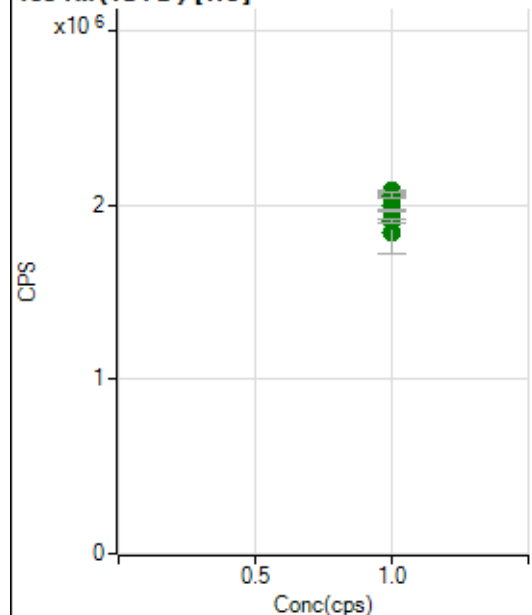
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6775814.62		A	2.1
2	☐	1.000					
3	☐	1.000		6863177.54		A	0.7
4	☐	1.000		6893392.61		A	0.3
5	☐	1.000		7092098.09		A	0.3
6	☐	1.000		7116433.16		A	0.3
7	☐	1.000		7226919.61		A	0.3
8	☐	1.000		7258279.47		A	1.9
9	☐	1.000		7200239.75		A	1.4

89 Y(ISTD) [He]

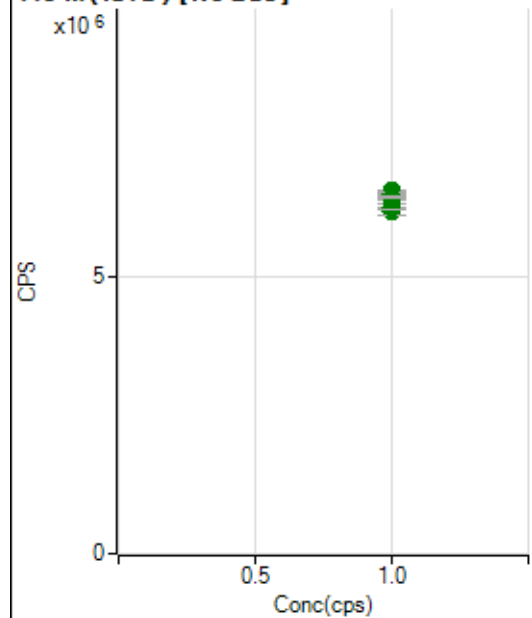
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		294293.93		P	0.7
2	☐	1.000					
3	☐	1.000		299692.38		P	0.3
4	☐	1.000		304800.63		P	0.4
5	☐	1.000		295725.85		P	3.4
6	☐	1.000		301606.14		P	0.9
7	☐	1.000		272414.99		P	13.5
8	☐	1.000		290732.53		P	0.8
9	☐	1.000		297998.36		P	1.7

103 Rh(ISTD) [No Gas]

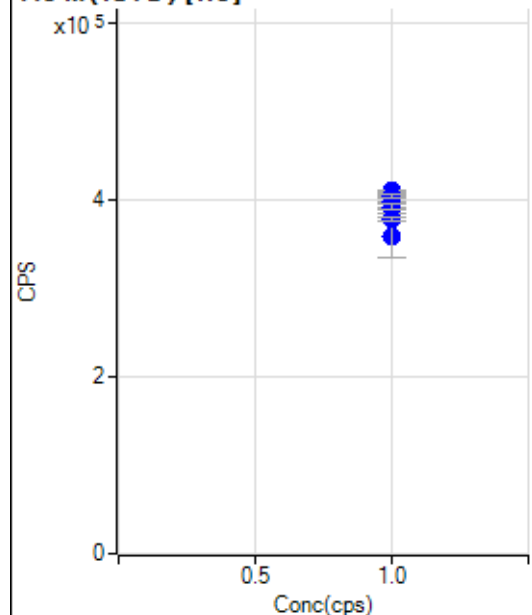
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5966823.48		A	2.7
2	☐	1.000					
3	☐	1.000		6042062.20		A	0.4
4	☐	1.000		6066749.35		A	1.0
5	☐	1.000		6159787.12		A	0.4
6	☐	1.000		6194673.71		A	0.1
7	☐	1.000		6138338.68		A	0.7
8	☐	1.000		6165991.76		A	1.5
9	☐	1.000		5961329.99		A	2.1

103 Rh (ISTD) [He]

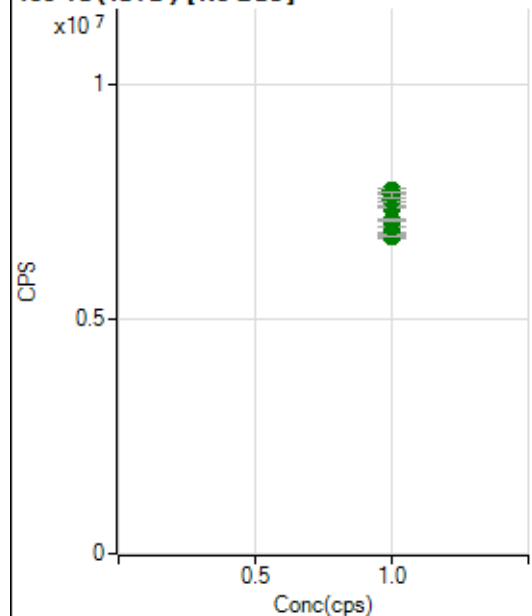
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2053152.50		A	0.9
2	☐	1.000					
3	☐	1.000		2059019.26		A	0.8
4	☐	1.000		2080533.37		A	0.1
5	☐	1.000		1999439.29		A	3.6
6	☐	1.000		2053498.67		A	1.7
7	☐	1.000		1846759.04		A	13.6
8	☐	1.000		1965628.06		A	0.6
9	☐	1.000		1906976.07		A	0.7

115 In (ISTD) [No Gas]

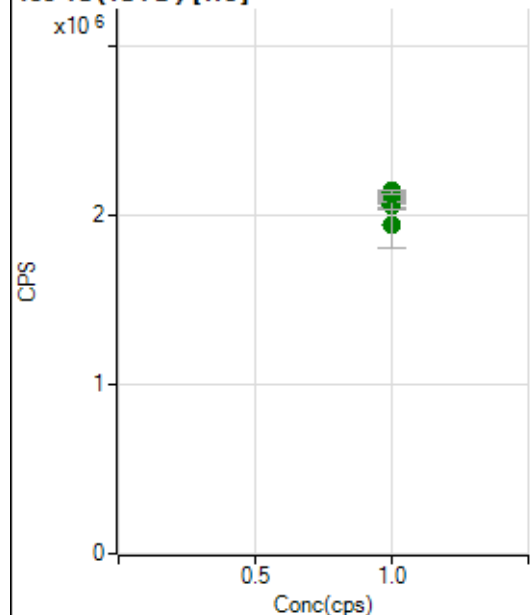
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6158309.70		A	1.8
2	☐	1.000					
3	☐	1.000		6221853.62		A	0.5
4	☐	1.000		6244507.37		A	1.3
5	☐	1.000		6382240.92		A	0.2
6	☐	1.000		6441445.52		A	0.9
7	☐	1.000		6530590.17		A	0.7
8	☐	1.000		6458425.42		A	1.3
9	☐	1.000		6419062.42		A	0.9

115 In (ISTD) [He]

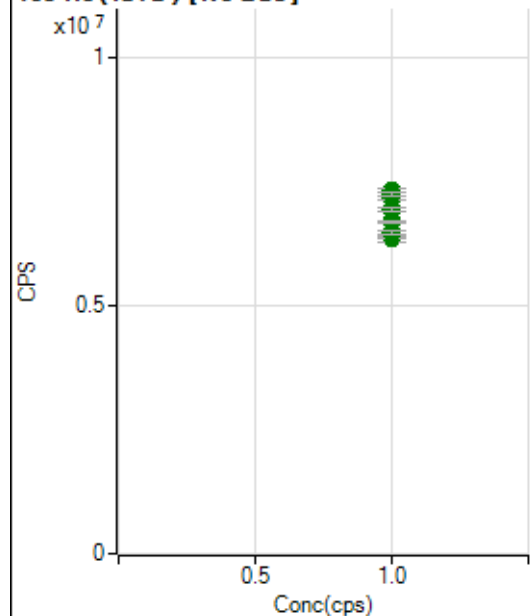
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		396886.99		P	1.0
2	☐	1.000					
3	☐	1.000		402214.76		P	0.3
4	☐	1.000		410279.63		P	0.7
5	☐	1.000		397660.92		P	3.6
6	☐	1.000		404662.77		P	1.4
7	☐	1.000		359382.42		P	13.8
8	☐	1.000		378178.06		P	0.9
9	☐	1.000		391804.76		P	1.7

159 Tb (ISTD) [No Gas]

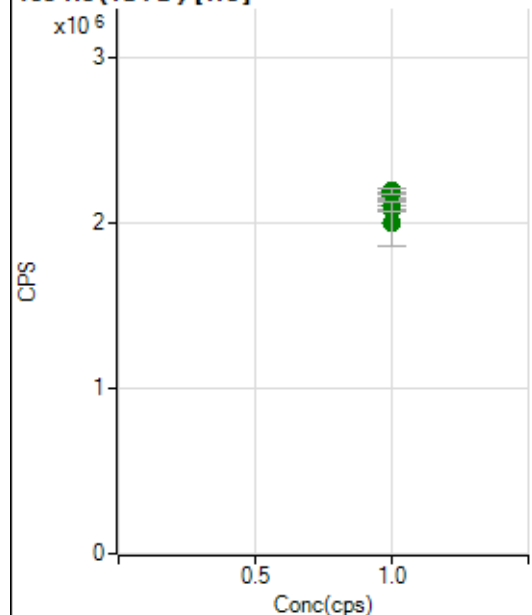
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6781821.29		A	2.0
2	☐	1.000					
3	☐	1.000		6802833.37		A	0.2
4	☐	1.000		6987128.02		A	0.3
5	☐	1.000		7115647.53		A	0.4
6	☐	1.000		7403210.03		A	0.3
7	☐	1.000		7553949.61		A	0.9
8	☐	1.000		7747807.11		A	1.6
9	☐	1.000		7664265.58		A	1.5

159 Tb (ISTD) [He]

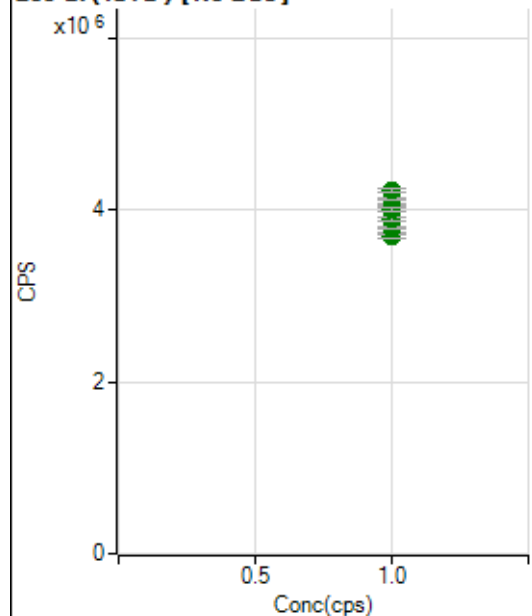
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2059051.90		A	1.4
2	☐	1.000					
3	☐	1.000		2070035.14		A	0.5
4	☐	1.000		2097703.20		A	0.5
5	☐	1.000		2062547.68		A	3.2
6	☐	1.000		2142076.01		A	0.6
7	☐	1.000		1944693.29		A	13.8
8	☐	1.000		2122727.76		A	0.7
9	☐	1.000		2133765.16		A	1.1

165 Ho (ISTD) [No Gas]

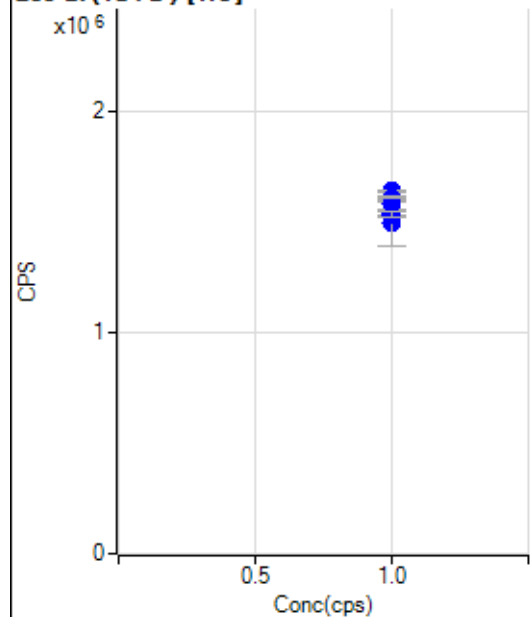
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6367668.37		A	2.4
2	☐	1.000					
3	☐	1.000		6391917.16		A	0.5
4	☐	1.000		6486767.68		A	1.1
5	☐	1.000		6701693.46		A	0.9
6	☐	1.000		6941634.45		A	1.0
7	☐	1.000		7175495.91		A	1.0
8	☐	1.000		7325320.30		A	1.1
9	☐	1.000		7260635.49		A	0.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2080570.05		A	0.4
2	☐	1.000					
3	☐	1.000		2105897.02		A	0.1
4	☐	1.000		2159607.81		A	1.7
5	☐	1.000		2108062.83		A	4.1
6	☐	1.000		2195082.59		A	1.4
7	☐	1.000		1996450.70		A	13.7
8	☐	1.000		2184307.40		A	0.3
9	☐	1.000		2191415.99		A	1.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3771394.91		A	1.4
2	☐	1.000					
3	☐	1.000		3682696.99		A	1.1
4	☐	1.000		3784092.41		A	0.4
5	☐	1.000		3888905.95		A	1.6
6	☐	1.000		4051306.54		A	0.3
7	☐	1.000		4123205.95		A	0.2
8	☐	1.000		4217600.15		A	1.2
9	☐	1.000		3997820.56		A	0.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1543616.87		P	1.2
2	☐	1.000					
3	☐	1.000		1553295.67		P	0.6
4	☐	1.000		1609566.74		P	1.2
5	☐	1.000		1585027.56		P	3.6
6	☐	1.000		1642489.61		P	0.5
7	☐	1.000		1495683.43		P	13.3
8	☐	1.000		1614674.49		P	0.4
9	☐	1.000		1533656.50		P	1.5

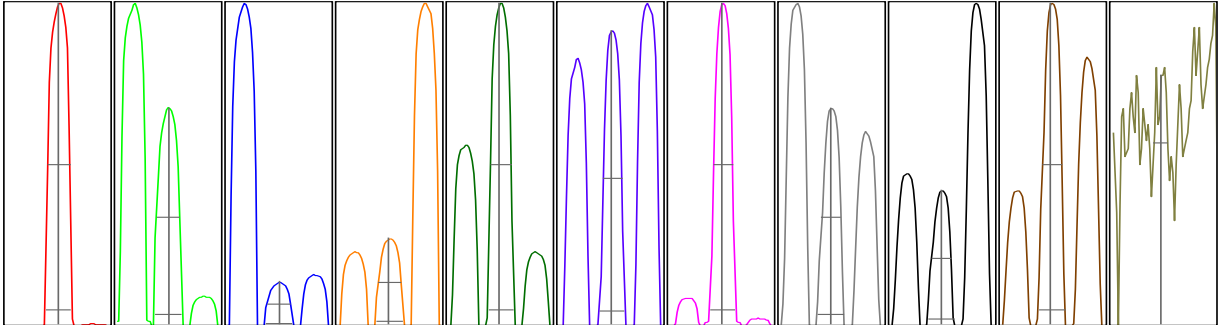
US EPA Tune Check Sample Report

Batch Folder D:\P8080417-ICPMS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	7798	2.31	5.00	
24	45624	1.33	5.00	
25	6180	1.13	5.00	
26	7128	1.02	5.00	
59	76112	1.97	5.00	
113	9101	2.10	5.00	
115	117238	2.23	5.00	
206	19789	2.20	5.00	
207	17628	2.07	5.00	
208	42312	1.94	5.00	
220	1	20.54		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	7676	7720	7617	7949	8029
24	45116	45193	45251	46178	46383
25	6074	6168	6177	6260	6223
26	7040	7094	7100	7196	7210
59	75513	75005	74789	78348	76907
113	9094	8949	8893	9363	9205
115	118733	114584	114321	120085	118465
206	19944	19318	19331	20151	20203
207	17787	17252	17222	17877	18000
208	42280	41532	41510	43379	42860
220	1	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	12350	9.05	8.9 - 9.1		0.743	0.900	
24	70798	24.05	23.9 - 24.1		0.789	0.900	
25	9532	25.05	24.9 - 25.1		0.790	0.900	
26	11259	26.00	25.9 - 26.1		0.788	0.900	
59	127463	59.00	58.9 - 59.1		0.740	0.900	
113	16870	113.05	112.9 - 113.1		0.728	0.900	
115	212942	115.05	114.9 - 115.1		0.735	0.900	
206	36301	206.00	205.9 - 206.1		0.769	0.900	
207	32159	207.00	206.9 - 207.1		0.747	0.900	
208	77125	207.95	207.9 - 208.1		0.773	0.900	
220	2	219.95	-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.5	V	Deflect	14.0	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-110	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	190	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	12313	1.10	
89	3493	0.85	
205	14986	0.74	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	12477	12398	12274	12119	12296
89	3517	3515	3480	3447	3504
205	15172	14957	14994	14918	14888

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	9.5	V	Deflect	2.0	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-110	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:16:10	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.28	1.61	-0.32	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.03	-0.05	0.02	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	-0.02	0.01	0.01	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	-0.13	0.18	-0.05	0.00	N/A	ppb
Boron	11-1	0.10	-0.13	0.02	0.00	N/A	ppb
Cadmium	111-1	0.06	-0.05	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.80	-0.66	-0.14	0.00	N/A	ppb
Cadmium	108-1	-0.03	-0.03	0.06	0.00	N/A	ppb
Calcium	43-1	5.60	-0.77	-4.83	0.00	N/A	ppb
Calcium	44-1	3.76	1.37	-5.13	0.00	N/A	ppb
Chromium	52-2	0.06	-0.02	-0.05	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	N/A	ppb
Copper	63-2	0.00	0.01	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.25	-0.05	-0.20	0.00	N/A	ppb
Iron	57-2	0.49	0.45	-0.94	0.00	N/A	ppb
Lead	206-1	0.01	-0.02	0.01	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	0.81	0.37	-1.18	0.00	N/A	ppb
Manganese	55-2	-0.04	0.02	0.02	0.00	N/A	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:16:10	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.03	0.01	0.00	N/A	ppb
Phosphorus	31-2	-18.93	-6.16	44.64	6.52	516.01	ppb
Potassium	39-2	5.15	-14.38	9.23	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.34	-0.67	0.34	0.00	N/A	ppb
Selenium	82-1	0.12	0.18	-0.29	0.00	N/A	ppb
Silicon	28-1	4.90	-1.86	-3.04	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.01	0.00	-0.01	0.00	N/A	ppb
Sodium	23-2	0.56	3.60	-4.15	0.00	N/A	ppb
Strontium	86-1	0.02	0.01	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	593.43	-212.69	-307.22	24.51	2019.43	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	-0.01	0.00	0.00	N/A	ppb
Titanium	47-1	0.02	0.00	-0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.03	0.02	0.00	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:16:10	DataFile Name :	003CALB.d

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

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:23:05	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.54	22.44	22.36	19.78	22.94	ppb
Antimony	121-1	1.88	1.89	1.93	1.90	1.26	ppb
Arsenic	75-2	0.92	0.80	0.79	0.84	8.46	ppb
Barium	135-1	9.27	8.69	8.82	8.93	3.43	ppb
Barium	137-1	9.44	9.11	9.30	9.29	1.80	ppb
Beryllium	9-1	0.87	0.93	0.95	0.91	4.51	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	19.99	22.33	20.73	21.02	5.67	ppb
Boron	11-1	20.60	20.95	22.00	21.18	3.46	ppb
Cadmium	111-1	1.01	0.94	1.00	0.98	3.60	ppb
Cadmium	106-1	1.98	2.17	1.84	1.99	8.34	ppb
Cadmium	108-1	0.99	1.08	1.18	1.08	9.04	ppb
Calcium	43-1	412.91	414.03	414.99	413.98	0.25	ppb
Calcium	44-1	422.25	411.82	425.89	419.99	1.74	ppb
Chromium	52-2	1.84	2.03	1.96	1.94	4.88	ppb
Cobalt	59-2	0.81	0.98	0.86	0.88	9.65	ppb
Copper	63-2	2.00	1.95	1.99	1.98	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	42.71	45.77	44.22	44.23	3.46	ppb
Iron	57-2	44.06	43.89	44.01	43.99	0.20	ppb
Lead	206-1	1.27	1.26	1.28	1.27	1.04	ppb
Lead	207-1	1.25	1.26	1.19	1.23	3.18	ppb
Lead	208-1	1.23	1.26	1.22	1.23	1.57	ppb
Lithium	6-1						%
Magnesium	24-2	431.61	424.55	439.90	432.02	1.78	ppb
Manganese	55-2	0.83	1.11	0.97	0.97	14.07	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:23:05	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.88	1.91	1.95	1.91	1.85	ppb
Molybdenum	95-1	4.39	4.25	4.31	4.32	1.57	ppb
Molybdenum	96-1	3.75	3.74	3.69	3.73	0.91	ppb
Molybdenum	97-1	4.27	4.33	4.28	4.29	0.72	ppb
Molybdenum	98-1	4.33	4.15	4.31	4.26	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	0.91	0.97	0.94	2.94	ppb
Phosphorus	31-2	5.74	-6.36	-18.93	-6.52		ppb
Potassium	39-2	452.33	441.18	459.21	450.91	2.02	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	8.81	2.92	2.92	4.88	69.68	ppb
Selenium	78-2	4.24	2.26	4.21	3.57	31.84	ppb
Selenium	82-1	4.72	4.23	4.58	4.51	5.60	ppb
Silicon	28-1	12.08	7.81	11.73	10.54	22.47	ppb
Silver	109-1	0.84	0.89	0.91	0.88	4.57	ppb
Silver	107-1	0.85	0.96	0.88	0.90	6.34	ppb
Sodium	23-2	444.63	446.14	454.66	448.48	1.21	ppb
Strontium	86-1	1.09	0.89	1.05	1.01	10.93	ppb
Strontium	88-1	0.94	0.93	0.92	0.93	1.43	ppb
Sulfur	34-1	-96.40	-171.30	194.17	-24.51		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.95	0.90	0.94	0.93	2.41	ppb
Thallium	205-1	0.93	0.93	0.96	0.94	1.61	ppb
Tin	118-1	4.67	4.69	4.72	4.70	0.55	ppb
Titanium	47-1	4.08	4.40	4.50	4.33	5.05	ppb
Uranium	238-1	0.84	0.89	0.87	0.87	2.64	ppb
Vanadium	51-2	4.12	4.45	4.35	4.31	3.89	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.85	2.45	2.19	2.16	13.95	ppb
Zirconium	90-1	0.84	0.86	0.85	0.85	0.93	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:23:05	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.94	0.79	0.84	0.86	9.10	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:26:33	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1013.62	1017.91	935.13	988.89	4.71	ppb
Antimony	121-1	52.22	52.03	51.90	52.05	0.31	ppb
Arsenic	75-2	49.85	47.16	48.43	48.48	2.78	ppb
Barium	135-1	260.26	255.99	255.80	257.35	0.98	ppb
Barium	137-1	261.05	257.02	258.45	258.84	0.79	ppb
Beryllium	9-1	50.51	50.44	51.33	50.76	0.98	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	48.45	52.11	49.72	50.09	3.72	ppb
Boron	11-1	47.52	48.65	51.46	49.21	4.12	ppb
Cadmium	111-1	54.40	53.14	52.81	53.45	1.57	ppb
Cadmium	106-1	55.20	51.40	54.72	53.77	3.85	ppb
Cadmium	108-1	52.39	52.21	53.31	52.64	1.12	ppb
Calcium	43-1	4846.46	4850.35	4797.94	4831.59	0.60	ppb
Calcium	44-1	4975.54	4898.09	4877.61	4917.08	1.05	ppb
Chromium	52-2	49.97	50.61	49.56	50.05	1.06	ppb
Cobalt	59-2	49.59	49.96	49.23	49.59	0.74	ppb
Copper	63-2	99.72	101.23	99.39	100.12	0.98	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2587.66	2618.12	2607.05	2604.28	0.59	ppb
Iron	57-2	2533.60	2595.51	2556.36	2561.82	1.22	ppb
Lead	206-1	49.03	50.61	49.53	49.72	1.62	ppb
Lead	207-1	49.02	49.35	49.09	49.15	0.36	ppb
Lead	208-1	49.32	50.13	49.48	49.64	0.86	ppb
Lithium	6-1						%
Magnesium	24-2	4953.71	5020.07	4995.39	4989.72	0.67	ppb
Manganese	55-2	102.25	102.39	100.10	101.58	1.26	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:26:33	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	50.32	51.10	50.03	50.48	1.09	ppb
Molybdenum	95-1	50.05	49.70	49.78	49.84	0.37	ppb
Molybdenum	96-1	51.01	49.37	49.76	50.04	1.71	ppb
Molybdenum	97-1	51.10	49.78	49.20	50.03	1.95	ppb
Molybdenum	98-1	50.30	49.53	50.35	50.06	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.10	50.41	50.35	50.29	0.32	ppb
Phosphorus	31-2	1121.69	974.72	967.18	1021.19	8.53	ppb
Potassium	39-2	2511.56	2547.67	2525.15	2528.13	0.72	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	46.05	72.22	57.28	58.52	22.43	ppb
Selenium	78-2	35.95	45.27	42.48	41.23	11.60	ppb
Selenium	82-1	51.48	51.66	50.76	51.30	0.92	ppb
Silicon	28-1	68.34	67.63	66.84	67.60	1.11	ppb
Silver	109-1	53.74	54.04	53.68	53.82	0.36	ppb
Silver	107-1	53.68	53.46	53.38	53.51	0.29	ppb
Sodium	23-2	4984.55	5032.31	4986.96	5001.27	0.54	ppb
Strontium	86-1	51.36	50.83	50.75	50.98	0.65	ppb
Strontium	88-1	51.86	51.66	51.31	51.61	0.54	ppb
Sulfur	34-1	1067.26	1074.45	897.14	1012.95	9.91	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	49.10	49.89	48.76	49.25	1.18	ppb
Thallium	205-1	50.20	50.67	49.91	50.26	0.76	ppb
Tin	118-1	51.67	52.00	52.38	52.02	0.68	ppb
Titanium	47-1	51.32	49.90	50.47	50.56	1.41	ppb
Uranium	238-1	49.20	49.76	48.76	49.24	1.02	ppb
Vanadium	51-2	49.16	49.39	49.17	49.24	0.27	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	104.88	100.92	99.97	101.92	2.55	ppb
Zirconium	90-1	50.72	51.89	50.77	51.13	1.29	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:26:33	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.84	50.66	49.61	50.04	1.09	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:30:00	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2448.89	2715.57	2452.35	2538.94	6.03	ppb
Antimony	121-1	130.73	131.78	130.98	131.16	0.42	ppb
Arsenic	75-2	122.36	128.17	122.68	124.40	2.62	ppb
Barium	135-1	648.72	643.96	642.39	645.03	0.51	ppb
Barium	137-1	658.61	644.43	652.42	651.82	1.09	ppb
Beryllium	9-1	125.44	127.75	129.31	127.50	1.53	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	120.60	127.58	133.10	127.09	4.93	ppb
Boron	11-1	121.59	123.93	127.73	124.42	2.49	ppb
Cadmium	111-1	132.83	134.23	132.54	133.20	0.68	ppb
Cadmium	106-1	137.93	137.06	134.05	136.35	1.49	ppb
Cadmium	108-1	135.22	133.27	132.50	133.66	1.05	ppb
Calcium	43-1	12306.50	11989.95	12039.98	12112.14	1.40	ppb
Calcium	44-1	12266.91	11972.57	11932.06	12057.18	1.52	ppb
Chromium	52-2	123.73	134.66	124.68	127.69	4.74	ppb
Cobalt	59-2	124.36	134.59	123.77	127.58	4.77	ppb
Copper	63-2	250.08	271.38	249.37	256.94	4.87	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6366.52	6901.92	6348.20	6538.88	4.81	ppb
Iron	57-2	6375.69	6876.40	6473.53	6575.21	4.04	ppb
Lead	206-1	127.88	123.11	121.86	124.28	2.56	ppb
Lead	207-1	126.02	121.14	121.16	122.78	2.29	ppb
Lead	208-1	127.13	123.14	123.16	124.47	1.85	ppb
Lithium	6-1						%
Magnesium	24-2	12307.55	13352.18	12433.48	12697.73	4.49	ppb
Manganese	55-2	256.38	279.36	255.99	263.91	5.07	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:30:00	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	124.93	127.00	125.88	125.93	0.82	ppb
Molybdenum	95-1	122.12	124.06	123.62	123.26	0.83	ppb
Molybdenum	96-1	121.59	123.75	123.99	123.11	1.08	ppb
Molybdenum	97-1	123.56	125.19	124.12	124.29	0.67	ppb
Molybdenum	98-1	124.48	123.76	125.12	124.45	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.26	137.65	125.82	129.91	5.16	ppb
Phosphorus	31-2	2530.94	2656.92	2583.91	2590.59	2.44	ppb
Potassium	39-2	6302.18	6940.84	6321.94	6521.66	5.57	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	109.90	148.15	84.81	114.29	27.91	ppb
Selenium	78-2	122.83	128.58	119.80	123.73	3.60	ppb
Selenium	82-1	129.22	128.79	126.95	128.32	0.94	ppb
Silicon	28-1	139.04	140.78	130.52	136.78	4.01	ppb
Silver	109-1	135.22	135.75	134.86	135.28	0.33	ppb
Silver	107-1	134.70	133.80	132.55	133.69	0.81	ppb
Sodium	23-2	12643.53	13776.19	12763.20	13060.97	4.76	ppb
Strontium	86-1	126.62	127.02	128.04	127.23	0.57	ppb
Strontium	88-1	129.48	129.60	128.99	129.36	0.25	ppb
Sulfur	34-1	3052.72	2780.49	2380.50	2737.90	12.35	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	126.40	123.94	122.74	124.36	1.50	ppb
Thallium	205-1	129.64	124.79	125.31	126.58	2.10	ppb
Tin	118-1	131.07	131.12	129.30	130.50	0.80	ppb
Titanium	47-1	128.87	128.93	128.79	128.86	0.05	ppb
Uranium	238-1	127.97	124.73	123.84	125.51	1.73	ppb
Vanadium	51-2	123.23	133.65	122.84	126.57	4.84	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	250.69	278.40	249.25	259.45	6.33	ppb
Zirconium	90-1	125.79	128.06	128.47	127.44	1.13	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:30:00	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	124.55	124.34	123.67	124.19	0.37	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:33:23	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4944.53	5078.85	4752.74	4925.37	3.33	ppb
Antimony	121-1	259.40	261.04	260.21	260.22	0.32	ppb
Arsenic	75-2	247.42	247.35	246.88	247.21	0.12	ppb
Barium	135-1	1283.58	1274.09	1302.70	1286.79	1.13	ppb
Barium	137-1	1260.94	1283.44	1294.74	1279.71	1.34	ppb
Beryllium	9-1	254.01	253.83	251.22	253.02	0.62	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	249.76	240.56	245.52	245.28	1.88	ppb
Boron	11-1	247.14	250.50	248.43	248.69	0.68	ppb
Cadmium	111-1	258.17	257.97	258.45	258.20	0.10	ppb
Cadmium	106-1	259.52	260.22	263.27	261.00	0.76	ppb
Cadmium	108-1	257.73	260.17	261.86	259.92	0.80	ppb
Calcium	43-1	23803.17	24216.86	24409.68	24143.23	1.28	ppb
Calcium	44-1	23866.95	24081.87	23883.73	23944.18	0.50	ppb
Chromium	52-2	250.91	248.17	246.93	248.67	0.82	ppb
Cobalt	59-2	249.33	249.48	245.80	248.20	0.84	ppb
Copper	63-2	501.55	499.95	493.85	498.45	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12809.56	12723.49	12541.44	12691.50	1.08	ppb
Iron	57-2	12923.56	12794.23	12798.28	12838.69	0.57	ppb
Lead	206-1	248.11	245.27	244.83	246.07	0.72	ppb
Lead	207-1	241.50	242.12	243.94	242.52	0.52	ppb
Lead	208-1	252.11	248.60	249.96	250.22	0.71	ppb
Lithium	6-1						%
Magnesium	24-2	24766.53	24770.64	24378.44	24638.54	0.91	ppb
Manganese	55-2	501.38	503.14	493.58	499.36	1.02	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:33:23	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	256.47	257.47	256.66	256.86	0.21	ppb
Molybdenum	95-1	247.36	249.25	250.43	249.01	0.62	ppb
Molybdenum	96-1	248.55	247.38	250.92	248.95	0.72	ppb
Molybdenum	97-1	250.06	248.76	252.26	250.36	0.71	ppb
Molybdenum	98-1	259.97	255.75	254.31	256.68	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	254.40	252.84	249.17	252.13	1.07	ppb
Phosphorus	31-2	5357.73	4919.26	4805.99	5027.66	5.80	ppb
Potassium	39-2	12707.22	12727.45	12550.82	12661.83	0.76	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	237.76	266.89	236.70	247.12	6.93	ppb
Selenium	78-2	248.06	254.38	245.39	249.28	1.85	ppb
Selenium	82-1	257.87	261.04	258.28	259.06	0.66	ppb
Silicon	28-1	264.43	263.73	261.68	263.28	0.54	ppb
Silver	109-1	264.69	264.24	263.86	264.26	0.16	ppb
Silver	107-1	264.15	263.00	265.85	264.33	0.54	ppb
Sodium	23-2	25419.62	25410.49	25230.15	25353.42	0.42	ppb
Strontium	86-1	256.51	255.11	252.26	254.63	0.85	ppb
Strontium	88-1	255.70	256.12	252.91	254.91	0.68	ppb
Sulfur	34-1	5437.10	5639.19	5664.69	5580.33	2.23	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	246.32	243.55	243.37	244.41	0.68	ppb
Thallium	205-1	253.58	253.39	252.61	253.19	0.20	ppb
Tin	118-1	260.48	257.80	260.23	259.50	0.57	ppb
Titanium	47-1	249.13	256.67	251.52	252.44	1.53	ppb
Uranium	238-1	251.86	249.59	250.93	250.79	0.46	ppb
Vanadium	51-2	248.02	248.09	243.76	246.62	1.01	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	500.54	500.25	495.58	498.79	0.56	ppb
Zirconium	90-1	254.20	254.11	254.56	254.29	0.09	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:33:23	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	249.50	247.65	252.73	249.96	1.03	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:36:40	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9706.36	12463.88	10293.55	10821.26	13.42	ppb
Antimony	121-1	506.36	508.59	519.02	511.32	1.32	ppb
Arsenic	75-2	487.54	635.09	497.68	540.10	15.26	ppb
Barium	135-1	2516.41	2572.61	2560.54	2549.85	1.16	ppb
Barium	137-1	2492.29	2532.87	2583.11	2536.09	1.79	ppb
Beryllium	9-1	499.30	500.51	498.74	499.51	0.18	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	486.03	507.03	496.43	496.50	2.11	ppb
Boron	11-1	490.16	501.40	505.08	498.88	1.56	ppb
Cadmium	111-1	505.26	510.26	514.53	510.02	0.91	ppb
Cadmium	106-1	499.16	517.42	519.03	511.87	2.16	ppb
Cadmium	108-1	515.43	522.95	512.37	516.92	1.05	ppb
Calcium	43-1	47496.32	48385.04	47913.36	47931.57	0.93	ppb
Calcium	44-1	47558.86	48025.42	46969.02	47517.77	1.11	ppb
Chromium	52-2	491.26	634.85	511.10	545.74	14.26	ppb
Cobalt	59-2	490.77	627.15	507.36	541.76	13.74	ppb
Copper	63-2	989.61	1278.97	1033.48	1100.69	14.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25177.42	32314.02	26148.29	27879.91	13.88	ppb
Iron	57-2	25157.05	32436.40	26392.44	27995.30	13.91	ppb
Lead	206-1	509.55	508.90	506.08	508.18	0.36	ppb
Lead	207-1	502.13	504.78	510.47	505.79	0.84	ppb
Lead	208-1	505.19	508.71	512.08	508.66	0.68	ppb
Lithium	6-1						%
Magnesium	24-2	49643.90	64161.55	51731.54	55179.00	14.22	ppb
Manganese	55-2	984.51	1273.38	1021.88	1093.26	14.37	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:36:40	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	503.94	509.10	500.00	504.35	0.91	ppb
Molybdenum	95-1	505.04	512.55	501.68	506.42	1.10	ppb
Molybdenum	96-1	506.96	515.34	503.90	508.73	1.16	ppb
Molybdenum	97-1	496.86	497.03	493.20	495.70	0.44	ppb
Molybdenum	98-1	503.59	502.62	497.51	501.24	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.58	630.65	515.56	547.26	13.32	ppb
Phosphorus	31-2	9646.04	13476.96	10759.05	11294.02	17.45	ppb
Potassium	39-2	24883.71	31849.08	25772.79	27501.86	13.78	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	561.90	587.15	509.77	552.94	7.14	ppb
Selenium	78-2	485.21	671.86	527.24	561.44	17.44	ppb
Selenium	82-1	500.42	507.16	503.34	503.64	0.67	ppb
Silicon	28-1	513.65	529.42	503.86	515.64	2.50	ppb
Silver	109-1	512.99	528.22	523.05	521.42	1.49	ppb
Silver	107-1	505.71	518.41	516.95	513.69	1.35	ppb
Sodium	23-2	49337.50	64553.51	51801.98	55231.00	14.79	ppb
Strontium	86-1	498.94	503.03	510.22	504.06	1.13	ppb
Strontium	88-1	498.05	505.88	507.01	503.65	0.97	ppb
Sulfur	34-1	11387.49	11819.52	11436.63	11547.88	2.05	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	512.36	501.52	508.12	507.33	1.08	ppb
Thallium	205-1	510.84	502.66	501.81	505.10	0.99	ppb
Tin	118-1	512.75	509.52	520.93	514.40	1.14	ppb
Titanium	47-1	501.17	507.65	502.15	503.66	0.69	ppb
Uranium	238-1	498.05	495.95	500.69	498.23	0.48	ppb
Vanadium	51-2	489.21	627.42	511.83	542.82	13.66	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	990.77	1258.62	1026.37	1091.92	13.32	ppb
Zirconium	90-1	496.83	499.33	501.57	499.24	0.47	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:36:40	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	503.24	507.96	504.79	505.33	0.48	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:39:51	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19328.59	19300.85	19466.22	19365.22	0.46	ppb
Antimony	121-1	975.74	990.26	1006.73	990.91	1.56	ppb
Arsenic	75-2	975.21	972.45	994.74	980.80	1.24	ppb
Barium	135-1	4852.69	4968.36	5067.97	4963.01	2.17	ppb
Barium	137-1	4877.73	4983.26	5051.22	4970.74	1.76	ppb
Beryllium	9-1	985.82	1003.76	1007.83	999.14	1.17	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	980.62	1012.00	1015.67	1002.77	1.92	ppb
Boron	11-1	976.46	1013.35	1013.47	1001.09	2.13	ppb
Cadmium	111-1	976.94	1004.68	993.61	991.74	1.41	ppb
Cadmium	106-1	982.35	989.16	997.61	989.71	0.77	ppb
Cadmium	108-1	979.14	992.09	992.31	987.85	0.76	ppb
Calcium	43-1	92778.34	95070.57	95113.17	94320.70	1.42	ppb
Calcium	44-1	92509.74	93895.69	93213.43	93206.29	0.74	ppb
Chromium	52-2	977.48	974.65	979.25	977.13	0.24	ppb
Cobalt	59-2	986.05	977.25	974.51	979.27	0.62	ppb
Copper	63-2	1944.52	1950.47	1952.52	1949.17	0.21	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	50357.54	49821.36	50325.11	50168.00	0.60	ppb
Iron	57-2	50312.69	50411.25	50298.47	50340.80	0.12	ppb
Lead	206-1	984.83	992.60	1013.57	997.00	1.49	ppb
Lead	207-1	983.08	1003.82	1010.98	999.30	1.45	ppb
Lead	208-1	983.69	999.54	1003.87	995.70	1.07	ppb
Lithium	6-1						%
Magnesium	24-2	97122.45	96582.86	96895.26	96866.86	0.28	ppb
Manganese	55-2	1951.12	1959.71	1944.31	1951.71	0.40	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:39:51	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	975.14	1005.82	1006.99	995.99	1.81	ppb
Molybdenum	95-1	986.07	1008.04	997.69	997.26	1.10	ppb
Molybdenum	96-1	983.63	1006.36	998.42	996.14	1.16	ppb
Molybdenum	97-1	991.56	1007.09	1007.80	1002.15	0.92	ppb
Molybdenum	98-1	973.87	1014.48	1004.99	997.78	2.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	975.04	974.45	976.13	975.21	0.09	ppb
Phosphorus	31-2	19560.66	18854.48	19585.94	19333.69	2.15	ppb
Potassium	39-2	50094.13	49362.49	49889.44	49782.02	0.76	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	951.70	1012.79	961.00	975.16	3.38	ppb
Selenium	78-2	942.09	969.42	998.68	970.06	2.92	ppb
Selenium	82-1	974.82	1016.44	995.04	995.44	2.09	ppb
Silicon	28-1	973.96	998.63	986.92	986.50	1.25	ppb
Silver	109-1	969.57	988.86	994.31	984.25	1.32	ppb
Silver	107-1	965.34	987.21	1012.38	988.31	2.38	ppb
Sodium	23-2	98892.66	97531.27	98433.21	98285.72	0.70	ppb
Strontium	86-1	987.80	1005.34	996.32	996.48	0.88	ppb
Strontium	88-1	983.91	1005.34	999.72	996.32	1.12	ppb
Sulfur	34-1	18198.96	19459.93	19492.88	19050.59	3.87	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	982.51	1001.48	1009.55	997.85	1.39	ppb
Thallium	205-1	984.23	997.13	1007.96	996.44	1.19	ppb
Tin	118-1	978.58	988.49	1001.84	989.64	1.18	ppb
Titanium	47-1	983.69	1005.91	1001.56	997.05	1.18	ppb
Uranium	238-1	990.75	1008.39	1002.84	1000.66	0.90	ppb
Vanadium	51-2	978.31	978.51	981.02	979.28	0.15	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1950.54	1943.39	1965.26	1953.07	0.57	ppb
Zirconium	90-1	985.37	1003.95	1007.52	998.95	1.19	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:39:51	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	979.30	1015.87	997.16	997.44	1.83	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:42:58	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100231.71	99914.94	99996.45	100047.70	0.16	ppb
Antimony	121-1	2.37	2.38	2.36	2.37	0.46	ppb
Arsenic	75-2	0.66	0.44	0.42	0.50	26.76	ppb
Barium	135-1	2.61	2.71	2.59	2.64	2.56	ppb
Barium	137-1	2.64	2.79	2.69	2.70	2.83	ppb
Beryllium	9-1	0.37	0.30	0.40	0.36	14.34	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	41.00	40.81	34.28	38.70	9.88	ppb
Boron	11-1	42.28	37.58	34.67	38.18	10.05	ppb
Cadmium	111-1	0.32	0.27	0.25	0.28	13.54	ppb
Cadmium	106-1	1.39	0.54	0.56	0.83	58.81	ppb
Cadmium	108-1	0.14	0.43	0.51	0.36	53.86	ppb
Calcium	43-1	498530.49	507802.81	497857.73	501397.01	1.11	ppb
Calcium	44-1	500444.68	508508.37	496062.15	501671.74	1.26	ppb
Chromium	52-2	30.10	30.19	30.13	30.14	0.15	ppb
Cobalt	59-2	1.70	1.61	1.69	1.66	2.79	ppb
Copper	63-2	4.48	4.55	4.45	4.49	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	250213.14	248468.04	250300.54	249660.57	0.41	ppb
Iron	57-2	249424.70	250007.62	249387.56	249606.63	0.14	ppb
Lead	206-1	2.19	2.31	2.18	2.22	3.18	ppb
Lead	207-1	2.02	2.08	2.00	2.03	2.15	ppb
Lead	208-1	2.11	2.19	2.15	2.15	1.86	ppb
Lithium	6-1						%
Magnesium	24-2	499771.21	502551.53	498043.35	500122.03	0.45	ppb
Manganese	55-2	10.77	11.35	11.13	11.08	2.64	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:42:58	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.71	1.69	1.71	1.70	0.76	ppb
Molybdenum	95-1	4.93	4.99	4.81	4.91	1.93	ppb
Molybdenum	96-1	4.41	4.69	4.34	4.48	4.19	ppb
Molybdenum	97-1	4.94	5.25	5.17	5.12	3.19	ppb
Molybdenum	98-1	4.87	5.01	4.83	4.90	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.72	16.77	17.05	16.85	1.05	ppb
Phosphorus	31-2	-5.87	7.12	-6.06	-1.60		ppb
Potassium	39-2	251025.54	248459.95	249849.54	249778.34	0.51	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.84	0.80	-1.17	0.16	728.75	ppb
Selenium	82-1	2.30	0.24	1.09	1.21	85.77	ppb
Silicon	28-1	10.12	13.41	8.78	10.77	22.14	ppb
Silver	109-1	0.24	0.25	0.24	0.24	2.31	ppb
Silver	107-1	0.24	0.25	0.23	0.24	5.02	ppb
Sodium	23-2	500616.79	499465.18	499282.34	499788.10	0.14	ppb
Strontium	86-1	35.06	35.71	34.35	35.04	1.93	ppb
Strontium	88-1	35.39	35.56	34.79	35.25	1.15	ppb
Sulfur	34-1	-254.20	-139.97	-402.81	-265.66		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.69	0.69	0.62	0.67	5.72	ppb
Thallium	205-1	0.71	0.73	0.69	0.71	2.85	ppb
Tin	118-1	1.30	1.33	1.26	1.30	2.69	ppb
Titanium	47-1	1.39	1.19	1.38	1.32	8.60	ppb
Uranium	238-1	0.28	0.29	0.29	0.29	2.05	ppb
Vanadium	51-2	0.48	0.47	0.53	0.49	6.22	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	23.99	22.58	24.17	23.58	3.69	ppb
Zirconium	90-1	0.24	0.25	0.24	0.24	1.50	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:42:58	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.26	0.28	0.25	15.10	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:46:17	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	479.58	469.02	507.69	485.43	4.12	ppb
Antimony	121-1	200.14	205.09	201.48	202.24	1.27	ppb
Arsenic	75-2	191.88	192.14	190.61	191.55	0.43	ppb
Barium	135-1	97.70	100.49	99.81	99.33	1.47	ppb
Barium	137-1	101.83	102.55	101.43	101.93	0.56	ppb
Beryllium	9-1	95.75	97.18	94.60	95.84	1.35	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	467.80	490.11	466.84	474.92	2.77	ppb
Boron	11-1	460.97	485.72	473.88	473.52	2.61	ppb
Cadmium	111-1	104.87	107.81	104.21	105.63	1.81	ppb
Cadmium	106-1	150.29	156.63	155.80	154.24	2.23	ppb
Cadmium	108-1	132.57	134.49	132.78	133.28	0.79	ppb
Calcium	43-1	2095.28	2128.26	2086.39	2103.31	1.05	ppb
Calcium	44-1	1981.08	2080.88	2007.54	2023.16	2.56	ppb
Chromium	52-2	93.10	95.91	93.79	94.27	1.56	ppb
Cobalt	59-2	95.49	97.58	96.49	96.52	1.08	ppb
Copper	63-2	95.73	98.15	96.46	96.78	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	966.71	993.05	977.89	979.22	1.35	ppb
Iron	57-2	963.13	1025.97	991.70	993.60	3.17	ppb
Lead	206-1	196.71	200.23	194.43	197.12	1.48	ppb
Lead	207-1	185.42	191.25	185.39	187.35	1.80	ppb
Lead	208-1	195.11	200.45	194.50	196.69	1.67	ppb
Lithium	6-1						%
Magnesium	24-2	1126.54	1163.52	1132.80	1140.95	1.73	ppb
Manganese	55-2	93.11	96.12	94.68	94.64	1.59	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:46:17	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	480.52	501.34	479.94	487.27	2.50	ppb
Molybdenum	95-1	478.98	499.50	485.75	488.08	2.14	ppb
Molybdenum	96-1	471.54	501.92	481.63	485.03	3.19	ppb
Molybdenum	97-1	475.56	491.73	474.82	480.70	1.99	ppb
Molybdenum	98-1	484.74	505.90	489.72	493.45	2.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.70	99.23	98.08	98.00	1.29	ppb
Phosphorus	31-2	17.88	-6.50	-6.68	1.57	900.67	ppb
Potassium	39-2	1957.40	2012.96	1964.74	1978.37	1.53	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	196.62	188.94	228.07	204.54	10.14	ppb
Selenium	78-2	183.33	196.47	203.35	194.38	5.23	ppb
Selenium	82-1	201.76	207.03	201.75	203.51	1.50	ppb
Silicon	28-1	490.85	524.65	503.33	506.28	3.38	ppb
Silver	109-1	102.55	104.29	103.17	103.33	0.85	ppb
Silver	107-1	101.65	104.97	102.32	102.98	1.70	ppb
Sodium	23-2	2045.86	2097.48	2100.17	2081.17	1.47	ppb
Strontium	86-1	482.89	500.21	484.56	489.22	1.95	ppb
Strontium	88-1	480.60	503.86	483.53	489.33	2.59	ppb
Sulfur	34-1	-986.17	-443.10	-855.15	-761.47		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	196.79	203.35	198.05	199.39	1.75	ppb
Thallium	205-1	207.44	208.33	205.40	207.06	0.73	ppb
Tin	118-1	497.09	519.27	506.55	507.64	2.19	ppb
Titanium	47-1	471.82	500.76	479.68	484.09	3.09	ppb
Uranium	238-1	502.64	526.27	516.31	515.07	2.30	ppb
Vanadium	51-2	92.87	95.51	93.40	93.92	1.49	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	193.48	199.30	196.72	196.50	1.48	ppb
Zirconium	90-1	461.14	488.71	471.99	473.95	2.93	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:46:17	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	469.79	493.00	478.95	480.58	2.43	ppb

LB Number : LB89292 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-04 15:49:22 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.46	1.64	1.60	1.90	25.80	ppb
Antimony	121-1	0.12	0.10	0.14	0.12	15.10	ppb
Arsenic	75-2	0.00	0.09	0.03	0.04	114.79	ppb
Barium	135-1	0.00	0.01	-0.01	0.00		ppb
Barium	137-1	0.00	-0.01	-0.01	0.00		ppb
Beryllium	9-1	0.12	0.06	0.10	0.09	28.36	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	26.79	26.18	23.86	25.61	6.04	ppb
Boron	11-1	25.96	23.71	22.60	24.09	7.09	ppb
Cadmium	111-1	0.08	0.02	0.02	0.04	89.94	ppb
Cadmium	106-1	1.13	0.16	0.37	0.55	91.52	ppb
Cadmium	108-1	0.03	-0.04	-0.01	0.00		ppb
Calcium	43-1	-6.09	-3.42	7.55	-0.65		ppb
Calcium	44-1	13.80	5.33	9.64	9.59	44.17	ppb
Chromium	52-2	0.10	0.04	-0.10	0.01	739.17	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.05	0.02	0.03	0.03	33.66	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.51	0.25	0.46	0.40	33.88	ppb
Iron	57-2	1.95	3.27	0.98	2.07	55.53	ppb
Lead	206-1	0.12	0.06	0.04	0.07	59.94	ppb
Lead	207-1	0.11	0.10	0.07	0.10	20.60	ppb
Lead	208-1	0.10	0.08	0.08	0.09	14.75	ppb
Lithium	6-1						%
Magnesium	24-2	0.45	1.00	2.86	1.43	88.14	ppb
Manganese	55-2	-0.07	0.07	0.04	0.01	490.80	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:49:22	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.04	0.02	0.03	21.85	ppb
Molybdenum	95-1	0.06	0.04	0.03	0.04	32.02	ppb
Molybdenum	96-1	0.07	0.06	0.04	0.06	21.55	ppb
Molybdenum	97-1	0.03	0.02	0.04	0.03	31.85	ppb
Molybdenum	98-1	0.07	0.07	0.06	0.06	10.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.08	-0.02	-0.03		ppb
Phosphorus	31-2	-6.52	-6.04	-18.93	-10.50		ppb
Potassium	39-2	26.37	20.58	45.34	30.76	42.11	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	2.96	0.00	0.99	173.21	ppb
Selenium	78-2	-0.20	-0.18	0.75	0.13	435.07	ppb
Selenium	82-1	0.28	-0.08	0.32	0.17	128.54	ppb
Silicon	28-1	-3.09	-7.04	-7.76	-5.96		ppb
Silver	109-1	0.05	0.05	0.05	0.05	3.47	ppb
Silver	107-1	0.05	0.04	0.05	0.05	12.67	ppb
Sodium	23-2	80.59	89.46	76.85	82.30	7.87	ppb
Strontium	86-1	0.05	0.02	0.00	0.02	114.48	ppb
Strontium	88-1	0.00	0.00	0.01	0.00	54.50	ppb
Sulfur	34-1	-721.08	-1243.68	-1224.05	-1062.94		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.07	0.06	0.07	9.64	ppb
Thallium	205-1	0.09	0.07	0.07	0.07	16.86	ppb
Tin	118-1	0.14	0.11	0.10	0.12	17.77	ppb
Titanium	47-1	0.11	0.02	0.00	0.04	127.08	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.01	0.00	122.68	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.31	0.24	0.26	0.27	12.96	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	17.93	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:49:22	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	-0.01	0.01	0.00	523.60	ppb

LB Number : LB89292 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-04 15:52:30 DataFile Name : 014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90701.11	88803.94	88584.30	89363.11	1.30	ppb
Antimony	121-1	1.23	1.22	1.20	1.22	1.16	ppb
Arsenic	75-2	0.30	0.37	0.25	0.30	20.47	ppb
Barium	135-1	1.46	1.38	1.37	1.40	3.62	ppb
Barium	137-1	1.55	1.35	1.55	1.48	7.88	ppb
Beryllium	9-1	0.28	0.28	0.31	0.29	5.96	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	17.47	19.53	17.54	18.18	6.44	ppb
Boron	11-1	17.46	17.32	18.02	17.60	2.11	ppb
Cadmium	111-1	0.31	0.25	0.31	0.29	10.83	ppb
Cadmium	106-1	0.86	-0.09	0.31	0.36	132.02	ppb
Cadmium	108-1	6.33	6.81	6.84	6.66	4.28	ppb
Calcium	43-1	94165.18	91836.33	93492.69	93164.73	1.29	ppb
Calcium	44-1	93351.46	92428.55	91801.93	92527.31	0.84	ppb
Chromium	52-2	19.43	18.57	19.11	19.04	2.27	ppb
Cobalt	59-2	1.05	1.06	1.10	1.07	2.34	ppb
Copper	63-2	7.63	7.59	7.70	7.64	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	97908.35	95952.71	96525.22	96795.43	1.04	ppb
Iron	57-2	99112.84	97833.90	97655.81	98200.85	0.81	ppb
Lead	206-1	4.75	4.71	4.67	4.71	0.90	ppb
Lead	207-1	4.16	4.08	4.02	4.09	1.75	ppb
Lead	208-1	4.43	4.31	4.30	4.35	1.71	ppb
Lithium	6-1						%
Magnesium	24-2	94772.07	94702.04	94449.12	94641.08	0.18	ppb
Manganese	55-2	7.51	7.41	7.76	7.56	2.34	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:52:30	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	593.07	586.18	576.22	585.16	1.45	ppb
Molybdenum	95-1	1900.20	1880.41	1868.12	1882.91	0.86	ppb
Molybdenum	96-1	1564.79	1561.80	1554.57	1560.39	0.34	ppb
Molybdenum	97-1	1883.59	1875.61	1883.54	1880.91	0.24	ppb
Molybdenum	98-1	1911.85	1904.82	1874.54	1897.07	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.14	5.43	5.22	5.26	2.87	ppb
Phosphorus	31-2	97865.61	94896.49	96980.65	96580.92	1.58	ppb
Potassium	39-2	98723.80	96339.84	97240.62	97434.75	1.24	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.00	2.99	0.00	2.00	86.60	ppb
Selenium	78-2	-0.16	0.33	-1.17	-0.33		ppb
Selenium	82-1	1.03	0.98	-0.36	0.55	142.47	ppb
Silicon	28-1	29.56	31.18	29.58	30.10	3.09	ppb
Silver	109-1	0.30	0.34	0.34	0.32	6.79	ppb
Silver	107-1	0.31	0.33	0.34	0.33	5.03	ppb
Sodium	23-2	97365.51	95704.85	96357.70	96476.02	0.87	ppb
Strontium	86-1	33.53	33.16	33.27	33.32	0.58	ppb
Strontium	88-1	33.55	33.12	33.21	33.29	0.68	ppb
Sulfur	34-1	94925.83	91646.20	92665.59	93079.21	1.80	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.14	0.13	0.15	0.14	6.08	ppb
Thallium	205-1	0.17	0.17	0.15	0.16	5.26	ppb
Tin	118-1	0.41	0.48	0.46	0.45	7.32	ppb
Titanium	47-1	1957.98	1922.70	1927.45	1936.04	0.99	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	14.53	ppb
Vanadium	51-2	0.15	0.15	0.14	0.15	5.91	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	12.03	11.45	11.76	11.75	2.49	ppb
Zirconium	90-1	0.10	0.10	0.09	0.09	2.43	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:52:30	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.08	0.10	0.09	16.35	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:55:34	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90289.73	89814.14	92657.33	90920.40	1.67	ppb
Antimony	121-1	20.59	21.11	20.45	20.72	1.69	ppb
Arsenic	75-2	19.72	19.06	19.37	19.38	1.70	ppb
Barium	135-1	21.36	21.98	21.28	21.54	1.78	ppb
Barium	137-1	21.73	21.29	21.14	21.39	1.41	ppb
Beryllium	9-1	20.19	20.01	19.89	20.03	0.76	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	64.55	64.99	62.02	63.86	2.51	ppb
Boron	11-1	62.59	62.50	62.39	62.49	0.16	ppb
Cadmium	111-1	19.82	19.68	19.60	19.70	0.56	ppb
Cadmium	106-1	24.48	22.87	22.23	23.19	5.01	ppb
Cadmium	108-1	26.96	27.58	27.31	27.28	1.15	ppb
Calcium	43-1	93624.94	93299.22	92203.35	93042.50	0.80	ppb
Calcium	44-1	92268.39	92817.13	92518.48	92534.67	0.30	ppb
Chromium	52-2	39.16	38.37	40.17	39.23	2.31	ppb
Cobalt	59-2	20.99	20.79	20.99	20.92	0.56	ppb
Copper	63-2	28.03	27.04	28.29	27.79	2.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	97868.42	97644.32	99788.57	98433.77	1.20	ppb
Iron	57-2	100346.58	98981.96	100904.57	100077.70	0.99	ppb
Lead	206-1	24.08	25.52	25.13	24.91	2.98	ppb
Lead	207-1	22.03	23.21	22.67	22.64	2.62	ppb
Lead	208-1	23.15	24.08	23.61	23.61	1.98	ppb
Lithium	6-1						%
Magnesium	24-2	96310.34	95104.22	96944.28	96119.61	0.97	ppb
Manganese	55-2	27.94	26.90	27.69	27.51	1.98	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:55:34	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	625.17	632.26	635.54	630.99	0.84	ppb
Molybdenum	95-1	1899.67	1917.03	1938.58	1918.42	1.02	ppb
Molybdenum	96-1	1590.07	1602.21	1629.58	1607.29	1.26	ppb
Molybdenum	97-1	1890.22	1930.64	1934.46	1918.44	1.28	ppb
Molybdenum	98-1	1920.24	1945.89	1943.02	1936.38	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.77	24.99	26.23	25.33	3.11	ppb
Phosphorus	31-2	96394.91	97047.26	99334.95	97592.37	1.58	ppb
Potassium	39-2	98827.72	97325.12	100630.03	98927.63	1.67	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	14.67	23.54	27.35	21.85	29.77	ppb
Selenium	78-2	22.90	20.51	17.15	20.19	14.31	ppb
Selenium	82-1	19.06	19.48	19.41	19.32	1.16	ppb
Silicon	28-1	96.10	93.85	92.99	94.31	1.70	ppb
Silver	109-1	18.37	18.56	18.47	18.47	0.52	ppb
Silver	107-1	18.23	18.86	18.32	18.47	1.85	ppb
Sodium	23-2	97558.27	96142.43	98532.70	97411.13	1.23	ppb
Strontium	86-1	80.93	82.55	82.27	81.92	1.05	ppb
Strontium	88-1	83.49	84.11	85.33	84.31	1.11	ppb
Sulfur	34-1	92711.30	91200.18	90495.31	91468.93	1.24	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	19.71	20.78	20.05	20.18	2.71	ppb
Thallium	205-1	20.12	21.03	20.60	20.58	2.22	ppb
Tin	118-1	50.38	50.18	49.29	49.95	1.16	ppb
Titanium	47-1	1966.34	1994.61	1990.08	1983.68	0.77	ppb
Uranium	238-1	49.03	49.84	49.53	49.47	0.84	ppb
Vanadium	51-2	19.23	19.66	19.98	19.62	1.93	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	30.91	31.68	31.62	31.40	1.36	ppb
Zirconium	90-1	47.99	48.07	49.03	48.36	1.19	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:55:34	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	47.81	47.50	48.87	48.06	1.49	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:58:37	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48056.56	47907.89	48388.94	48117.80	0.51	ppb
Antimony	121-1	490.24	492.25	498.28	493.59	0.85	ppb
Arsenic	75-2	480.82	474.27	473.17	476.09	0.87	ppb
Barium	135-1	2481.28	2465.96	2517.93	2488.39	1.07	ppb
Barium	137-1	2437.02	2451.33	2494.10	2460.82	1.21	ppb
Beryllium	9-1	504.03	497.23	502.00	501.09	0.70	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	496.43	502.09	511.74	503.42	1.54	ppb
Boron	11-1	497.50	506.92	514.05	506.16	1.64	ppb
Cadmium	111-1	475.81	475.72	488.07	479.87	1.48	ppb
Cadmium	106-1	480.79	485.15	501.50	489.15	2.23	ppb
Cadmium	108-1	485.84	475.66	496.05	485.85	2.10	ppb
Calcium	43-1	231488.01	229091.12	235793.08	232124.07	1.46	ppb
Calcium	44-1	228858.36	228215.81	238005.01	231693.06	2.36	ppb
Chromium	52-2	489.23	487.44	494.36	490.34	0.73	ppb
Cobalt	59-2	476.80	473.31	481.72	477.28	0.89	ppb
Copper	63-2	952.46	951.02	953.67	952.38	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	119533.72	118313.60	119751.36	119199.56	0.65	ppb
Iron	57-2	121860.43	120537.53	121539.97	121312.65	0.57	ppb
Lead	206-1	509.77	506.52	512.32	509.53	0.57	ppb
Lead	207-1	511.31	503.47	517.71	510.83	1.40	ppb
Lead	208-1	511.56	505.24	520.70	512.50	1.52	ppb
Lithium	6-1						%
Magnesium	24-2	238249.81	236985.80	236301.44	237179.02	0.42	ppb
Manganese	55-2	975.27	967.29	973.33	971.96	0.43	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:58:37	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	508.02	501.70	512.84	507.52	1.10	ppb
Molybdenum	95-1	502.18	499.23	517.10	506.17	1.89	ppb
Molybdenum	96-1	511.21	496.30	518.77	508.76	2.25	ppb
Molybdenum	97-1	488.87	490.79	508.93	496.19	2.23	ppb
Molybdenum	98-1	506.43	500.46	518.78	508.56	1.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.38	476.22	483.69	480.43	0.80	ppb
Phosphorus	31-2	10455.22	10576.20	9545.35	10192.26	5.53	ppb
Potassium	39-2	122554.93	123221.71	122838.27	122871.64	0.27	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	455.19	404.56	462.09	440.61	7.13	ppb
Selenium	78-2	470.19	483.50	473.72	475.80	1.45	ppb
Selenium	82-1	481.21	485.69	502.98	489.96	2.35	ppb
Silicon	28-1	520.15	522.64	535.36	526.05	1.55	ppb
Silver	109-1	483.63	481.76	495.46	486.95	1.53	ppb
Silver	107-1	478.45	482.30	489.90	483.55	1.20	ppb
Sodium	23-2	242596.24	242867.58	243596.72	243020.18	0.21	ppb
Strontium	86-1	518.45	503.82	519.91	514.06	1.73	ppb
Strontium	88-1	511.08	508.85	519.17	513.03	1.06	ppb
Sulfur	34-1	10567.48	10683.16	11666.43	10972.36	5.50	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	500.21	499.95	517.94	506.03	2.04	ppb
Thallium	205-1	506.90	502.50	513.91	507.77	1.13	ppb
Tin	118-1	493.23	493.22	500.88	495.78	0.89	ppb
Titanium	47-1	492.34	487.03	510.01	496.46	2.42	ppb
Uranium	238-1	512.04	513.16	528.58	517.93	1.78	ppb
Vanadium	51-2	488.36	492.17	492.81	491.11	0.49	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	949.80	937.47	952.20	946.49	0.84	ppb
Zirconium	90-1	501.06	496.24	509.90	502.40	1.38	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:58:37	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	502.96	500.73	508.41	504.03	0.78	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:01:35	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.63	2.64	2.70	4.99	80.49	ppb
Antimony	121-1	0.20	0.20	0.18	0.19	5.15	ppb
Arsenic	75-2	0.04	-0.01	0.07	0.03	117.35	ppb
Barium	135-1	0.05	0.07	0.08	0.07	25.08	ppb
Barium	137-1	0.01	0.06	0.07	0.05	62.41	ppb
Beryllium	9-1	0.07	0.09	0.13	0.10	33.84	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	15.64	15.97	17.40	16.34	5.70	ppb
Boron	11-1	17.30	17.99	15.72	17.00	6.84	ppb
Cadmium	111-1	0.04	0.09	0.07	0.07	40.70	ppb
Cadmium	106-1	0.47	1.02	0.81	0.77	36.05	ppb
Cadmium	108-1	-0.04	-0.04	0.05	-0.01		ppb
Calcium	43-1	-1.55	-9.80	6.00	-1.79		ppb
Calcium	44-1	20.73	21.41	26.98	23.04	14.90	ppb
Chromium	52-2	0.07	0.00	-0.06	0.00		ppb
Cobalt	59-2	0.01	0.02	0.02	0.01	46.17	ppb
Copper	63-2	0.18	0.17	0.14	0.16	10.68	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	7.81	7.64	7.24	7.56	3.91	ppb
Iron	57-2	9.66	7.56	9.13	8.78	12.45	ppb
Lead	206-1	0.08	0.08	0.11	0.09	17.43	ppb
Lead	207-1	0.08	0.08	0.10	0.08	17.70	ppb
Lead	208-1	0.09	0.08	0.11	0.09	13.01	ppb
Lithium	6-1						%
Magnesium	24-2	12.42	10.69	12.68	11.93	9.08	ppb
Manganese	55-2	0.04	0.12	0.01	0.06	103.93	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:01:35	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.08	0.06	0.07	15.30	ppb
Molybdenum	95-1	0.10	0.08	0.11	0.10	15.38	ppb
Molybdenum	96-1	0.09	0.10	0.11	0.10	11.73	ppb
Molybdenum	97-1	0.08	0.07	0.08	0.08	7.61	ppb
Molybdenum	98-1	0.12	0.11	0.10	0.11	7.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	0.04	0.03	53.32	ppb
Phosphorus	31-2	33.63	-18.93	33.81	16.17	187.98	ppb
Potassium	39-2	40.93	61.88	45.45	49.42	22.31	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	2.96	0.99	173.21	ppb
Selenium	78-2	-1.17	-0.68	-0.67	-0.84		ppb
Selenium	82-1	-0.39	0.67	0.18	0.15	344.45	ppb
Silicon	28-1	-6.24	-6.04	-4.61	-5.63		ppb
Silver	109-1	0.13	0.15	0.12	0.13	11.61	ppb
Silver	107-1	0.12	0.12	0.14	0.12	8.80	ppb
Sodium	23-2	107.81	109.27	105.75	107.61	1.65	ppb
Strontium	86-1	0.07	-0.01	0.06	0.04	107.30	ppb
Strontium	88-1	0.01	0.01	0.02	0.01	58.21	ppb
Sulfur	34-1	-1268.60	-1429.34	-1242.16	-1313.37		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.15	0.15	0.14	0.15	2.62	ppb
Thallium	205-1	0.13	0.13	0.12	0.13	4.48	ppb
Tin	118-1	0.15	0.10	0.10	0.12	24.32	ppb
Titanium	47-1	0.03	0.01	0.07	0.04	84.37	ppb
Uranium	238-1	0.00	0.01	0.02	0.01	83.49	ppb
Vanadium	51-2	0.02	0.05	0.02	0.03	55.28	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.24	0.16	0.27	0.22	24.82	ppb
Zirconium	90-1	0.05	0.05	0.06	0.05	13.54	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:01:35	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.06	0.06	0.06	16.38	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:04:42	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.38	17.30	19.99	17.56	13.19	ppb
Antimony	121-1	1.97	1.96	1.92	1.95	1.51	ppb
Arsenic	75-2	0.94	0.89	0.83	0.88	6.61	ppb
Barium	135-1	9.29	9.05	8.57	8.97	4.11	ppb
Barium	137-1	9.22	9.09	9.05	9.12	0.97	ppb
Beryllium	9-1	1.01	0.89	1.08	0.99	9.45	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	31.64	32.06	29.69	31.13	4.06	ppb
Boron	11-1	32.11	30.31	30.62	31.01	3.11	ppb
Cadmium	111-1	0.95	0.97	1.07	0.99	6.36	ppb
Cadmium	106-1	0.96	1.94	2.60	1.84	45.07	ppb
Cadmium	108-1	0.94	1.00	0.81	0.91	10.64	ppb
Calcium	43-1	437.63	428.88	427.15	431.22	1.30	ppb
Calcium	44-1	451.08	446.90	447.20	448.40	0.52	ppb
Chromium	52-2	1.89	1.81	1.94	1.88	3.57	ppb
Cobalt	59-2	0.95	0.91	0.91	0.92	2.37	ppb
Copper	63-2	2.11	2.22	2.20	2.17	2.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	47.50	45.85	48.11	47.15	2.48	ppb
Iron	57-2	47.14	45.06	48.67	46.96	3.87	ppb
Lead	206-1	1.21	1.26	1.14	1.20	4.83	ppb
Lead	207-1	1.28	1.12	1.19	1.20	6.87	ppb
Lead	208-1	1.25	1.21	1.17	1.21	3.53	ppb
Lithium	6-1						%
Magnesium	24-2	449.34	448.05	460.10	452.49	1.46	ppb
Manganese	55-2	0.93	0.90	0.83	0.89	5.38	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:04:42	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.17	2.00	2.04	2.07	4.27	ppb
Molybdenum	95-1	4.57	4.46	4.33	4.45	2.70	ppb
Molybdenum	96-1	3.97	3.98	3.92	3.95	0.89	ppb
Molybdenum	97-1	4.40	4.36	4.39	4.38	0.55	ppb
Molybdenum	98-1	4.55	4.53	4.37	4.48	2.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.90	0.95	0.91	0.92	2.84	ppb
Phosphorus	31-2	7.05	32.88	6.70	15.54	96.63	ppb
Potassium	39-2	500.74	476.68	501.96	493.13	2.89	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.95	0.00	2.95	2.97	100.21	ppb
Selenium	78-2	4.80	2.29	2.30	3.13	46.27	ppb
Selenium	82-1	4.68	5.03	5.69	5.13	10.00	ppb
Silicon	28-1	11.21	4.90	9.13	8.41	38.21	ppb
Silver	109-1	1.01	1.10	1.08	1.06	4.30	ppb
Silver	107-1	1.00	1.03	1.06	1.03	3.13	ppb
Sodium	23-2	514.83	527.85	524.15	522.28	1.28	ppb
Strontium	86-1	0.96	1.00	0.90	0.95	5.16	ppb
Strontium	88-1	0.95	0.93	0.94	0.94	1.02	ppb
Sulfur	34-1	-919.43	-1334.04	-1029.04	-1094.17		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.96	0.93	0.96	0.95	1.62	ppb
Thallium	205-1	1.00	0.98	0.99	0.99	0.77	ppb
Tin	118-1	4.74	4.71	4.58	4.68	1.91	ppb
Titanium	47-1	4.69	4.44	4.44	4.52	3.11	ppb
Uranium	238-1	0.89	0.89	0.94	0.91	3.19	ppb
Vanadium	51-2	4.53	4.71	4.31	4.52	4.42	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.23	2.37	2.18	2.26	4.53	ppb
Zirconium	90-1	0.97	0.95	0.90	0.94	3.96	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:04:42	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.98	0.89	0.88	0.92	6.07	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	PB101280BL	Instrumnet Name :	P8
Client Sample ID :	PB101280BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:09:08	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.79	2.98	2.78	3.18	16.88	ppb
Antimony	121-1	0.04	0.03	0.04	0.04	15.96	ppb
Arsenic	75-2	0.04	0.01	0.02	0.02	76.83	ppb
Barium	135-1	0.00	0.00	0.01	0.00	111.94	ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.01	0.08	0.05	0.05	75.17	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.45	6.39	7.01	6.95	7.67	ppb
Boron	11-1	7.21	6.85	6.87	6.98	2.88	ppb
Cadmium	111-1	0.00	0.02	0.04	0.02	86.78	ppb
Cadmium	106-1	0.09	0.18	0.66	0.31	98.16	ppb
Cadmium	108-1	-0.04	-0.04	0.02	-0.02		ppb
Calcium	43-1	-6.65	-14.87	-9.36	-10.29		ppb
Calcium	44-1	9.18	10.31	11.80	10.43	12.57	ppb
Chromium	52-2	0.09	-0.02	-0.07	0.00	12104.44	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.09	0.07	0.08	0.08	12.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.44	0.41	0.31	0.39	17.23	ppb
Iron	57-2	-0.80	-1.59	-1.38	-1.26		ppb
Lead	206-1	0.04	0.03	0.03	0.03	28.29	ppb
Lead	207-1	0.04	0.06	0.04	0.05	24.87	ppb
Lead	208-1	0.04	0.05	0.04	0.04	15.55	ppb
Lithium	6-1						%
Magnesium	24-2	1.81	0.59	-0.22	0.73	141.25	ppb
Manganese	55-2	0.06	0.08	-0.05	0.03	216.35	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	PB101280BL	Instrumnet Name :	P8
Client Sample ID :	PB101280BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:09:08	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.02	0.03	0.02	43.65	ppb
Molybdenum	95-1	0.03	0.01	0.01	0.02	38.23	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	20.87	ppb
Molybdenum	97-1	0.00	0.02	0.02	0.02	63.96	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	8.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	-0.04	-0.01		ppb
Phosphorus	31-2	-5.48	-18.93	-18.93	-14.44		ppb
Potassium	39-2	19.20	33.01	30.46	27.56	26.67	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.03	3.24	0.00	2.09	86.74	ppb
Selenium	78-2	0.86	-0.08	0.89	0.56	99.71	ppb
Selenium	82-1	-0.61	-0.02	0.49	-0.04		ppb
Silicon	28-1	-6.21	-4.38	-3.50	-4.70		ppb
Silver	109-1	0.08	0.07	0.08	0.08	5.42	ppb
Silver	107-1	0.06	0.07	0.07	0.06	8.63	ppb
Sodium	23-2	51.21	59.27	50.49	53.66	9.09	ppb
Strontium	86-1	0.04	0.01	-0.03	0.01	540.54	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1090.77	-795.87	-911.13	-932.59		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.04	0.03	0.04	32.52	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	18.57	ppb
Tin	118-1	0.01	0.02	0.01	0.01	65.76	ppb
Titanium	47-1	0.01	-0.03	-0.06	-0.03		ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	194.62	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.07	0.17	-0.02	0.07	129.75	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	25.17	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	PB101280BL	Instrumnet Name :	P8
Client Sample ID :	PB101280BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:09:08	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.00	0.01	95.17	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	PB101280BS	Instrumnet Name :	P8
Client Sample ID :	PB101280BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:12:16	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9543.11	9628.40	9687.84	9619.78	0.76	ppb
Antimony	121-1	501.84	497.33	500.47	499.88	0.46	ppb
Arsenic	75-2	486.20	484.29	484.43	484.97	0.22	ppb
Barium	135-1	2505.96	2499.26	2481.65	2495.62	0.50	ppb
Barium	137-1	2464.71	2491.06	2462.85	2472.88	0.64	ppb
Beryllium	9-1	486.43	482.78	487.99	485.73	0.55	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	464.14	468.66	477.22	470.01	1.41	ppb
Boron	11-1	460.45	470.21	484.97	471.88	2.62	ppb
Cadmium	111-1	496.49	494.42	490.95	493.95	0.57	ppb
Cadmium	106-1	492.82	498.40	494.81	495.35	0.57	ppb
Cadmium	108-1	496.09	501.29	491.41	496.26	1.00	ppb
Calcium	43-1	46800.16	47288.88	47370.90	47153.31	0.65	ppb
Calcium	44-1	47152.46	47704.54	47628.26	47495.09	0.63	ppb
Chromium	52-2	487.46	489.00	491.06	489.18	0.37	ppb
Cobalt	59-2	487.25	491.11	487.73	488.70	0.43	ppb
Copper	63-2	998.69	996.49	1002.34	999.17	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25354.92	25328.49	25234.54	25305.98	0.25	ppb
Iron	57-2	25461.91	25279.05	25235.34	25325.43	0.47	ppb
Lead	206-1	494.25	505.82	508.56	502.88	1.51	ppb
Lead	207-1	493.96	501.77	497.03	497.59	0.79	ppb
Lead	208-1	496.62	505.33	507.76	503.24	1.16	ppb
Lithium	6-1						%
Magnesium	24-2	49072.62	49481.60	50348.57	49634.27	1.31	ppb
Manganese	55-2	971.17	975.84	983.43	976.81	0.63	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	PB101280BS	Instrumnet Name :	P8
Client Sample ID :	PB101280BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:12:16	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	502.53	495.90	503.22	500.55	0.81	ppb
Molybdenum	95-1	505.11	499.70	500.01	501.61	0.61	ppb
Molybdenum	96-1	502.76	494.10	496.49	497.78	0.90	ppb
Molybdenum	97-1	485.76	488.63	491.39	488.60	0.58	ppb
Molybdenum	98-1	499.35	498.69	497.62	498.55	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.21	496.41	494.88	494.17	0.54	ppb
Phosphorus	31-2	10387.24	9544.29	10234.37	10055.30	4.47	ppb
Potassium	39-2	24639.10	24568.49	24877.10	24694.89	0.65	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	563.22	483.63	463.47	503.44	10.48	ppb
Selenium	78-2	496.10	461.96	500.30	486.12	4.33	ppb
Selenium	82-1	493.96	494.13	496.11	494.73	0.24	ppb
Silicon	28-1	527.59	529.69	525.97	527.75	0.35	ppb
Silver	109-1	506.79	508.63	499.41	504.94	0.97	ppb
Silver	107-1	504.63	501.46	499.44	501.84	0.52	ppb
Sodium	23-2	49318.29	49296.49	50141.49	49585.42	0.97	ppb
Strontium	86-1	492.63	497.42	497.54	495.86	0.56	ppb
Strontium	88-1	498.44	496.31	494.69	496.48	0.38	ppb
Sulfur	34-1	11297.01	11663.47	11470.47	11476.98	1.60	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	498.71	502.62	508.93	503.42	1.02	ppb
Thallium	205-1	495.35	501.50	506.97	501.27	1.16	ppb
Tin	118-1	507.97	501.36	499.13	502.82	0.91	ppb
Titanium	47-1	492.89	500.90	500.57	498.12	0.91	ppb
Uranium	238-1	498.23	504.32	499.42	500.66	0.65	ppb
Vanadium	51-2	488.78	486.00	490.54	488.44	0.47	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	976.05	973.13	987.53	978.90	0.78	ppb
Zirconium	90-1	499.38	491.42	500.82	497.21	1.02	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	PB101280BS	Instrumnet Name :	P8
Client Sample ID :	PB101280BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:12:16	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	491.55	491.59	501.86	495.00	1.20	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-01	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW04	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:15:15	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.36	16.22	19.29	18.29	9.82	ppb
Antimony	121-1	3.20	3.02	2.86	3.03	5.63	ppb
Arsenic	75-2	1.36	1.80	1.29	1.48	18.65	ppb
Barium	135-1	57.15	55.60	55.23	56.00	1.82	ppb
Barium	137-1	56.76	55.61	55.35	55.91	1.33	ppb
Beryllium	9-1	0.13	0.08	0.05	0.08	47.34	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	28.33	27.23	24.12	26.56	8.23	ppb
Boron	11-1	28.00	26.47	23.56	26.01	8.68	ppb
Cadmium	111-1	0.33	0.30	0.32	0.32	5.80	ppb
Cadmium	106-1	0.93	0.09	0.42	0.48	88.77	ppb
Cadmium	108-1	0.36	0.34	0.40	0.37	8.37	ppb
Calcium	43-1	106912.72	104984.99	106548.20	106148.64	0.96	ppb
Calcium	44-1	105506.40	103985.18	104941.35	104810.98	0.73	ppb
Chromium	52-2	0.51	0.53	0.61	0.55	10.11	ppb
Cobalt	59-2	1.88	1.91	1.90	1.90	0.84	ppb
Copper	63-2	4.58	4.74	4.54	4.62	2.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1714.48	1751.46	1709.58	1725.17	1.33	ppb
Iron	57-2	1699.78	1774.77	1691.95	1722.16	2.65	ppb
Lead	206-1	0.65	0.54	0.47	0.56	16.17	ppb
Lead	207-1	0.63	0.51	0.43	0.52	19.03	ppb
Lead	208-1	0.63	0.53	0.48	0.55	14.46	ppb
Lithium	6-1						%
Magnesium	24-2	6918.30	6852.14	6822.99	6864.48	0.71	ppb
Manganese	55-2	652.14	657.64	633.83	647.87	1.92	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-01	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW04	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:15:15	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.20	0.22	0.21	0.21	2.78	ppb
Molybdenum	95-1	0.23	0.24	0.21	0.23	6.52	ppb
Molybdenum	96-1	0.20	0.20	0.23	0.21	7.47	ppb
Molybdenum	97-1	0.25	0.23	0.32	0.27	18.36	ppb
Molybdenum	98-1	0.24	0.21	0.22	0.22	6.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.87	1.80	1.83	1.83	2.06	ppb
Phosphorus	31-2	-18.93	11.99	-18.93	-8.62		ppb
Potassium	39-2	925.77	916.41	849.68	897.29	4.62	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	7.02	7.12	3.55	5.90	34.42	ppb
Selenium	78-2	-0.58	1.81	-1.17	0.02	7499.38	ppb
Selenium	82-1	0.27	1.68	0.62	0.86	85.64	ppb
Silicon	28-1	4447.92	4418.25	4457.19	4441.12	0.46	ppb
Silver	109-1	5.80	5.40	4.97	5.39	7.70	ppb
Silver	107-1	5.82	5.23	5.06	5.37	7.47	ppb
Sodium	23-2	2194.66	2193.78	2129.88	2172.77	1.71	ppb
Strontium	86-1	479.87	478.18	482.79	480.28	0.49	ppb
Strontium	88-1	478.80	481.47	479.81	480.03	0.28	ppb
Sulfur	34-1	313.59	35.82	79.17	142.86	104.60	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.22	0.14	0.11	0.16	35.11	ppb
Thallium	205-1	0.21	0.14	0.13	0.16	27.00	ppb
Tin	118-1	3.32	3.40	3.34	3.35	1.27	ppb
Titanium	47-1	0.61	0.57	0.47	0.55	12.56	ppb
Uranium	238-1	0.46	0.47	0.48	0.47	1.49	ppb
Vanadium	51-2	0.11	0.13	0.14	0.13	11.87	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.53	8.11	8.66	8.43	3.40	ppb
Zirconium	90-1	0.24	0.20	0.17	0.20	15.39	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-01	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW04	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:15:15	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.17	0.18	0.15	0.17	8.96	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-02	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW03	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:18:22	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.83	29.36	27.29	29.83	9.38	ppb
Antimony	121-1	1.92	2.03	1.98	1.98	2.62	ppb
Arsenic	75-2	2.21	1.72	2.09	2.01	12.61	ppb
Barium	135-1	55.41	55.52	55.06	55.33	0.43	ppb
Barium	137-1	56.43	55.80	56.18	56.14	0.56	ppb
Beryllium	9-1	0.03	0.05	0.04	0.04	28.96	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	16.50	15.92	16.34	16.26	1.84	ppb
Boron	11-1	15.69	14.42	14.62	14.91	4.57	ppb
Cadmium	111-1	0.20	0.17	0.09	0.15	36.34	ppb
Cadmium	106-1	0.10	-0.02	-1.11	-0.34		ppb
Cadmium	108-1	0.22	0.06	0.22	0.17	55.21	ppb
Calcium	43-1	78163.72	77313.13	78993.45	78156.77	1.07	ppb
Calcium	44-1	77478.55	76517.91	78077.41	77357.96	1.02	ppb
Chromium	52-2	2.89	2.71	2.60	2.74	5.32	ppb
Cobalt	59-2	0.72	0.72	0.74	0.73	1.58	ppb
Copper	63-2	4.13	4.14	4.18	4.15	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2322.65	2363.02	2358.08	2347.92	0.94	ppb
Iron	57-2	2249.31	2256.42	2315.04	2273.59	1.59	ppb
Lead	206-1	0.60	0.66	0.63	0.63	4.24	ppb
Lead	207-1	0.57	0.62	0.59	0.59	3.90	ppb
Lead	208-1	0.63	0.64	0.62	0.63	2.22	ppb
Lithium	6-1						%
Magnesium	24-2	5761.96	5754.55	5885.12	5800.54	1.26	ppb
Manganese	55-2	720.59	724.27	731.08	725.31	0.73	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-02	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW03	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:18:22	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.23	0.22	0.21	0.22	3.03	ppb
Molybdenum	95-1	0.31	0.33	0.35	0.33	6.38	ppb
Molybdenum	96-1	0.27	0.36	0.28	0.31	16.81	ppb
Molybdenum	97-1	0.36	0.37	0.34	0.36	3.81	ppb
Molybdenum	98-1	0.36	0.41	0.34	0.37	9.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.15	1.34	1.21	9.47	ppb
Phosphorus	31-2	-2.80	46.01	-3.16	13.35	211.86	ppb
Potassium	39-2	766.32	774.32	758.19	766.28	1.05	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	3.71	3.54	2.42	86.67	ppb
Selenium	78-2	0.07	0.70	0.61	0.46	74.55	ppb
Selenium	82-1	0.10	-0.14	0.37	0.11	232.51	ppb
Silicon	28-1	3365.50	3356.29	3360.47	3360.76	0.14	ppb
Silver	109-1	3.20	2.97	2.92	3.03	4.88	ppb
Silver	107-1	3.10	3.01	2.99	3.04	1.92	ppb
Sodium	23-2	2133.69	2109.10	2134.42	2125.74	0.68	ppb
Strontium	86-1	386.80	391.06	391.34	389.73	0.65	ppb
Strontium	88-1	391.97	391.21	391.92	391.70	0.11	ppb
Sulfur	34-1	263.18	12.39	332.84	202.80	83.11	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.02	0.03	0.03	14.56	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	4.28	ppb
Tin	118-1	2.46	2.65	2.66	2.59	4.35	ppb
Titanium	47-1	0.67	0.81	0.58	0.69	16.84	ppb
Uranium	238-1	0.26	0.24	0.23	0.24	5.11	ppb
Vanadium	51-2	0.16	0.09	0.14	0.13	25.02	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	9.52	9.28	9.73	9.51	2.39	ppb
Zirconium	90-1	0.11	0.10	0.13	0.11	11.50	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-02	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW03	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:18:22	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.14	0.12	0.13	7.35	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-03	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW02	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:21:29	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.15	8.38	7.10	9.88	38.04	ppb
Antimony	121-1	1.70	1.74	1.73	1.72	1.37	ppb
Arsenic	75-2	0.76	0.76	1.27	0.93	31.76	ppb
Barium	135-1	61.50	62.29	59.63	61.14	2.24	ppb
Barium	137-1	62.52	62.00	61.01	61.84	1.24	ppb
Beryllium	9-1	0.01	0.00	0.02	0.01	129.10	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	14.72	13.22	12.91	13.61	7.10	ppb
Boron	11-1	12.72	12.78	13.05	12.85	1.38	ppb
Cadmium	111-1	0.06	0.08	0.03	0.06	44.38	ppb
Cadmium	106-1	-0.71	-0.37	-0.99	-0.69		ppb
Cadmium	108-1	0.06	0.06	0.18	0.10	70.17	ppb
Calcium	43-1	80178.69	79930.01	79258.69	79789.13	0.60	ppb
Calcium	44-1	78742.29	78880.07	78375.48	78665.95	0.33	ppb
Chromium	52-2	0.67	0.54	0.58	0.60	10.89	ppb
Cobalt	59-2	0.04	0.05	0.05	0.05	16.15	ppb
Copper	63-2	3.63	3.65	3.77	3.68	2.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	21.79	22.48	22.29	22.19	1.61	ppb
Iron	57-2	23.46	27.40	19.57	23.47	16.67	ppb
Lead	206-1	0.21	0.22	0.19	0.21	6.30	ppb
Lead	207-1	0.23	0.20	0.22	0.22	8.89	ppb
Lead	208-1	0.21	0.21	0.20	0.21	2.18	ppb
Lithium	6-1						%
Magnesium	24-2	11572.14	11562.05	11618.26	11584.15	0.26	ppb
Manganese	55-2	28.21	28.87	29.20	28.76	1.76	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-03	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW02	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:21:29	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.07	0.06	0.06	4.57	ppb
Molybdenum	95-1	0.15	0.10	0.13	0.13	21.25	ppb
Molybdenum	96-1	0.09	0.10	0.10	0.10	5.69	ppb
Molybdenum	97-1	0.16	0.14	0.15	0.15	9.83	ppb
Molybdenum	98-1	0.14	0.17	0.15	0.15	10.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.41	0.38	0.33	0.37	10.94	ppb
Phosphorus	31-2	-3.21	29.09	-18.93	2.32	1055.94	ppb
Potassium	39-2	636.47	638.22	618.24	630.97	1.75	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.60	0.00	0.00	1.20	173.21	ppb
Selenium	78-2	-0.56	1.25	-0.57	0.04	2664.01	ppb
Selenium	82-1	0.26	-0.16	0.04	0.05	450.69	ppb
Silicon	28-1	4855.19	4931.93	4936.00	4907.71	0.93	ppb
Silver	109-1	2.16	1.98	2.01	2.05	4.69	ppb
Silver	107-1	2.09	2.06	1.95	2.03	3.82	ppb
Sodium	23-2	3465.33	3466.73	3488.79	3473.61	0.38	ppb
Strontium	86-1	490.75	495.30	501.20	495.75	1.06	ppb
Strontium	88-1	498.67	501.02	501.11	500.27	0.28	ppb
Sulfur	34-1	4541.23	4692.56	4799.47	4677.75	2.77	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.03	0.02	0.02	14.98	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	25.59	ppb
Tin	118-1	5.86	5.68	5.62	5.72	2.22	ppb
Titanium	47-1	0.56	0.40	0.56	0.51	18.48	ppb
Uranium	238-1	1.39	1.42	1.49	1.44	3.75	ppb
Vanadium	51-2	0.08	0.09	0.08	0.08	8.94	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.80	8.32	9.25	8.46	8.64	ppb
Zirconium	90-1	0.06	0.04	0.04	0.05	29.30	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-03	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW02	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:21:29	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.04	0.06	0.05	27.92	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-04	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:24:36	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.46	8.58	9.40	8.81	5.80	ppb
Antimony	121-1	1.87	1.82	1.89	1.86	1.86	ppb
Arsenic	75-2	2.59	3.10	2.84	2.84	8.81	ppb
Barium	135-1	76.08	73.59	74.77	74.81	1.66	ppb
Barium	137-1	76.77	74.30	74.96	75.35	1.70	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	186.98	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	10.29	10.08	9.90	10.09	1.91	ppb
Boron	11-1	10.26	10.15	10.12	10.18	0.76	ppb
Cadmium	111-1	0.06	0.13	-0.02	0.06	135.11	ppb
Cadmium	106-1	-0.71	0.45	-1.56	-0.61		ppb
Cadmium	108-1	0.09	0.02	0.17	0.09	79.02	ppb
Calcium	43-1	80194.04	81139.57	82151.18	81161.60	1.21	ppb
Calcium	44-1	79623.73	80588.30	80904.48	80372.17	0.83	ppb
Chromium	52-2	1.51	1.40	1.70	1.54	9.90	ppb
Cobalt	59-2	1.95	2.08	2.38	2.14	10.39	ppb
Copper	63-2	3.64	3.75	3.99	3.79	4.79	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3241.05	3185.94	3492.33	3306.44	4.94	ppb
Iron	57-2	3156.91	3134.03	3412.78	3234.57	4.78	ppb
Lead	206-1	0.29	0.29	0.26	0.28	5.69	ppb
Lead	207-1	0.26	0.29	0.29	0.28	6.41	ppb
Lead	208-1	0.28	0.28	0.28	0.28	0.98	ppb
Lithium	6-1						%
Magnesium	24-2	9088.98	9075.22	9847.56	9337.26	4.73	ppb
Manganese	55-2	1136.16	1137.02	1237.22	1170.13	4.97	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-04	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:24:36	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.14	0.17	0.15	0.15	10.65	ppb
Molybdenum	95-1	0.36	0.35	0.35	0.35	0.70	ppb
Molybdenum	96-1	0.33	0.33	0.35	0.34	3.31	ppb
Molybdenum	97-1	0.34	0.34	0.35	0.34	2.74	ppb
Molybdenum	98-1	0.36	0.40	0.37	0.38	4.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.45	1.18	1.35	1.33	10.39	ppb
Phosphorus	31-2	61.72	-2.60	16.45	25.19	131.18	ppb
Potassium	39-2	803.29	780.38	864.55	816.07	5.33	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.64	3.71	0.00	2.45	86.61	ppb
Selenium	78-2	0.67	-1.17	1.52	0.34	405.46	ppb
Selenium	82-1	0.01	-0.32	0.41	0.03	1047.15	ppb
Silicon	28-1	4890.58	4972.03	5016.05	4959.55	1.28	ppb
Silver	109-1	1.77	1.64	1.59	1.67	5.66	ppb
Silver	107-1	1.67	1.63	1.60	1.63	2.40	ppb
Sodium	23-2	3117.49	3100.79	3364.12	3194.13	4.62	ppb
Strontium	86-1	470.04	470.29	463.03	467.79	0.88	ppb
Strontium	88-1	471.78	471.79	469.06	470.88	0.33	ppb
Sulfur	34-1	-1242.03	-1261.32	-1180.20	-1227.85		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.02	0.01	47.74	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	6.26	ppb
Tin	118-1	3.41	3.67	3.64	3.57	4.04	ppb
Titanium	47-1	0.48	2.29	0.30	1.02	107.98	ppb
Uranium	238-1	0.45	0.43	0.43	0.44	2.45	ppb
Vanadium	51-2	0.08	0.05	0.10	0.08	30.24	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.08	10.25	11.26	10.53	6.04	ppb
Zirconium	90-1	0.07	0.07	0.07	0.07	2.45	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-04	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:24:36	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.07	0.09	0.08	11.83	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-05	Instrumnet Name :	P8
Client Sample ID :	SP17-GMZ6-ER2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:27:44	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.90	7.45	6.30	6.22	20.59	ppb
Antimony	121-1	1.72	1.77	1.75	1.75	1.40	ppb
Arsenic	75-2	0.74	0.90	0.77	0.80	10.69	ppb
Barium	135-1	0.04	0.05	0.04	0.04	11.58	ppb
Barium	137-1	0.06	0.05	0.03	0.04	31.68	ppb
Beryllium	9-1	0.02	0.00	-0.01	0.00	222.13	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.13	4.82	4.83	4.93	3.58	ppb
Boron	11-1	4.98	5.43	4.62	5.01	8.18	ppb
Cadmium	111-1	0.03	-0.02	-0.03	-0.01		ppb
Cadmium	106-1	-0.29	-0.76	-1.57	-0.87		ppb
Cadmium	108-1	0.09	0.21	-0.07	0.08	178.77	ppb
Calcium	43-1	20.13	37.25	29.94	29.11	29.52	ppb
Calcium	44-1	28.39	23.91	24.36	25.55	9.66	ppb
Chromium	52-2	0.35	0.45	0.48	0.43	16.39	ppb
Cobalt	59-2	0.00	-0.02	-0.01	-0.01		ppb
Copper	63-2	3.17	3.39	3.30	3.29	3.31	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.95	2.02	1.56	1.85	13.33	ppb
Iron	57-2	1.19	2.30	4.55	2.68	63.90	ppb
Lead	206-1	0.13	0.12	0.14	0.13	4.38	ppb
Lead	207-1	0.12	0.10	0.13	0.12	14.87	ppb
Lead	208-1	0.12	0.12	0.13	0.12	5.74	ppb
Lithium	6-1						%
Magnesium	24-2	4.74	3.82	7.21	5.26	33.33	ppb
Manganese	55-2	0.35	0.41	0.38	0.38	7.22	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-05	Instrumnet Name :	P8
Client Sample ID :	SP17-GMZ6-ER2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:27:44	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.03	0.01	0.02	29.24	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	5.90	ppb
Molybdenum	96-1	0.03	0.03	0.04	0.03	21.29	ppb
Molybdenum	97-1	0.06	0.04	0.05	0.05	21.32	ppb
Molybdenum	98-1	0.07	0.07	0.06	0.06	4.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.02	0.05	0.03	43.05	ppb
Phosphorus	31-2	-18.93	14.14	-18.93	-7.90		ppb
Potassium	39-2	66.09	49.99	75.02	63.70	19.91	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	11.18	0.00	0.00	3.73	173.21	ppb
Selenium	78-2	0.08	1.98	0.09	0.71	153.06	ppb
Selenium	82-1	-0.50	0.17	-0.68	-0.34		ppb
Silicon	28-1	-1.37	-2.79	-3.80	-2.65		ppb
Silver	109-1	1.45	1.32	1.34	1.37	5.23	ppb
Silver	107-1	1.39	1.34	1.30	1.34	3.27	ppb
Sodium	23-2	198.93	197.99	197.61	198.18	0.34	ppb
Strontium	86-1	0.11	0.12	0.04	0.09	45.04	ppb
Strontium	88-1	0.11	0.12	0.10	0.11	8.67	ppb
Sulfur	34-1	-1502.75	-1694.52	-1808.29	-1668.52		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.01	0.01	62.56	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	48.38	ppb
Tin	118-1	1.77	1.98	1.97	1.91	6.20	ppb
Titanium	47-1	0.11	0.16	0.23	0.17	36.40	ppb
Uranium	238-1	-0.01	-0.01	0.00	-0.01		ppb
Vanadium	51-2	0.07	0.08	0.06	0.07	20.22	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5.53	5.45	5.24	5.41	2.79	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	6.40	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-05	Instrumnet Name :	P8
Client Sample ID :	SP17-GMZ6-ER2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:27:44	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.02	0.03	0.03	46.55	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-06	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW05	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:30:52	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.67	26.51	36.77	32.65	16.60	ppb
Antimony	121-1	1.73	1.76	1.80	1.76	1.87	ppb
Arsenic	75-2	7.93	7.21	7.36	7.50	5.05	ppb
Barium	135-1	76.49	76.20	77.75	76.81	1.07	ppb
Barium	137-1	78.11	76.93	78.02	77.69	0.84	ppb
Beryllium	9-1	0.03	-0.01	0.00	0.01	345.60	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.00	7.78	8.12	7.63	7.57	ppb
Boron	11-1	6.63	7.28	6.97	6.96	4.69	ppb
Cadmium	111-1	0.00	-0.01	-0.03	-0.01		ppb
Cadmium	106-1	-0.42	-0.94	-0.95	-0.77		ppb
Cadmium	108-1	0.05	0.19	0.26	0.17	62.23	ppb
Calcium	43-1	103994.79	105116.27	104549.41	104553.49	0.54	ppb
Calcium	44-1	102302.18	102099.27	103306.52	102569.32	0.63	ppb
Chromium	52-2	0.59	0.54	0.54	0.56	5.06	ppb
Cobalt	59-2	1.98	1.97	1.95	1.97	0.70	ppb
Copper	63-2	3.69	3.41	3.41	3.50	4.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	5097.90	4776.54	4851.76	4908.73	3.42	ppb
Iron	57-2	4890.04	4747.57	4685.07	4774.22	2.20	ppb
Lead	206-1	0.20	0.16	0.14	0.16	18.82	ppb
Lead	207-1	0.16	0.19	0.15	0.17	12.56	ppb
Lead	208-1	0.18	0.18	0.16	0.17	6.98	ppb
Lithium	6-1						%
Magnesium	24-2	10007.42	9520.31	9574.70	9700.81	2.75	ppb
Manganese	55-2	944.82	888.41	893.28	908.84	3.44	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-06	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW05	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:30:52	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.17	0.17	0.17	0.17	1.51	ppb
Molybdenum	95-1	0.14	0.15	0.14	0.14	3.02	ppb
Molybdenum	96-1	0.14	0.15	0.17	0.15	10.97	ppb
Molybdenum	97-1	0.10	0.16	0.19	0.15	29.61	ppb
Molybdenum	98-1	0.21	0.20	0.17	0.19	10.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.45	1.30	1.34	1.36	5.70	ppb
Phosphorus	31-2	16.36	-18.93	31.48	9.64	268.44	ppb
Potassium	39-2	695.02	668.03	706.63	689.89	2.87	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.17	1.36	1.36	0.52	281.56	ppb
Selenium	82-1	0.50	-0.29	0.71	0.30	172.23	ppb
Silicon	28-1	5573.55	5591.47	5577.33	5580.79	0.17	ppb
Silver	109-1	1.24	1.10	1.12	1.15	6.61	ppb
Silver	107-1	1.17	1.16	1.06	1.13	5.22	ppb
Sodium	23-2	2509.88	2352.26	2328.28	2396.81	4.12	ppb
Strontium	86-1	514.60	530.42	527.79	524.27	1.62	ppb
Strontium	88-1	524.76	535.69	532.21	530.89	1.05	ppb
Sulfur	34-1	-1719.12	-1888.85	-1827.00	-1811.65		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.01	0.01	70.22	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	82.96	ppb
Tin	118-1	1.79	1.76	1.89	1.81	3.69	ppb
Titanium	47-1	0.59	0.83	0.48	0.63	28.59	ppb
Uranium	238-1	0.39	0.39	0.41	0.40	3.19	ppb
Vanadium	51-2	0.07	0.13	0.18	0.13	44.16	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	9.72	10.05	11.31	10.36	8.06	ppb
Zirconium	90-1	0.17	0.21	0.18	0.19	10.53	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-06	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW05	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:30:52	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.23	0.18	0.18	0.19	14.30	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-07	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW05-9001	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:33:59	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.51	48.92	53.49	46.31	18.97	ppb
Antimony	121-1	1.63	1.68	1.67	1.66	1.41	ppb
Arsenic	75-2	7.99	6.64	6.67	7.10	10.81	ppb
Barium	135-1	74.59	76.10	77.17	75.96	1.71	ppb
Barium	137-1	75.07	77.37	77.97	76.80	2.00	ppb
Beryllium	9-1	0.04	0.00	-0.01	0.01	363.73	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.63	6.14	7.39	6.72	9.40	ppb
Boron	11-1	6.83	6.98	7.25	7.02	2.99	ppb
Cadmium	111-1	-0.04	-0.09	-0.01	-0.05		ppb
Cadmium	106-1	-0.83	-1.65	-0.46	-0.98		ppb
Cadmium	108-1	0.28	0.11	-0.01	0.13	113.25	ppb
Calcium	43-1	102272.48	102916.45	101886.00	102358.31	0.51	ppb
Calcium	44-1	100892.89	100525.42	102914.76	101444.36	1.27	ppb
Chromium	52-2	0.68	0.55	0.50	0.58	15.94	ppb
Cobalt	59-2	2.01	1.94	2.00	1.98	2.02	ppb
Copper	63-2	3.31	3.47	3.39	3.39	2.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	4784.86	4762.57	4677.27	4741.57	1.20	ppb
Iron	57-2	4613.40	4657.87	4649.68	4640.32	0.51	ppb
Lead	206-1	0.22	0.20	0.22	0.21	3.57	ppb
Lead	207-1	0.19	0.18	0.16	0.18	10.24	ppb
Lead	208-1	0.20	0.19	0.19	0.19	5.39	ppb
Lithium	6-1						%
Magnesium	24-2	9486.72	9319.45	9215.96	9340.71	1.46	ppb
Manganese	55-2	878.82	875.99	875.45	876.75	0.21	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-07	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW05-9001	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:33:59	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.18	0.17	0.18	0.18	1.64	ppb
Molybdenum	95-1	0.15	0.15	0.20	0.17	16.98	ppb
Molybdenum	96-1	0.16	0.17	0.18	0.17	8.76	ppb
Molybdenum	97-1	0.24	0.21	0.21	0.22	8.48	ppb
Molybdenum	98-1	0.18	0.18	0.21	0.19	7.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.29	1.58	1.55	1.48	10.69	ppb
Phosphorus	31-2	14.45	-18.93	-18.93	-7.80		ppb
Potassium	39-2	673.07	642.75	650.34	655.39	2.41	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	7.48	3.75	3.74	99.93	ppb
Selenium	78-2	-0.53	0.08	0.09	-0.12		ppb
Selenium	82-1	0.68	-0.82	-0.30	-0.15		ppb
Silicon	28-1	5517.35	5455.00	5570.20	5514.18	1.05	ppb
Silver	109-1	0.91	0.80	0.79	0.84	7.88	ppb
Silver	107-1	0.80	0.81	0.81	0.81	0.81	ppb
Sodium	23-2	2318.47	2327.61	2349.00	2331.69	0.67	ppb
Strontium	86-1	517.48	518.88	516.67	517.68	0.22	ppb
Strontium	88-1	524.51	526.32	518.79	523.21	0.75	ppb
Sulfur	34-1	-1754.49	-2041.60	-1983.61	-1926.57		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.01	0.00	43.63	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	77.38	ppb
Tin	118-1	1.52	1.65	1.65	1.61	4.53	ppb
Titanium	47-1	0.89	0.95	0.80	0.88	8.63	ppb
Uranium	238-1	0.42	0.39	0.40	0.40	3.45	ppb
Vanadium	51-2	0.19	0.18	0.18	0.18	5.02	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.71	6.20	6.98	6.63	5.91	ppb
Zirconium	90-1	0.19	0.18	0.19	0.19	2.93	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-07	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW05-9001	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:33:59	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.19	0.16	0.25	0.20	21.25	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:37:05	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47281.51	48031.34	47673.24	47662.03	0.79	ppb
Antimony	121-1	435.27	475.16	441.72	450.72	4.75	ppb
Arsenic	75-2	484.58	484.31	490.66	486.52	0.74	ppb
Barium	135-1	2414.60	2639.50	2445.70	2499.93	4.87	ppb
Barium	137-1	2396.02	2623.19	2447.16	2488.79	4.79	ppb
Beryllium	9-1	487.60	535.64	490.00	504.41	5.37	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	470.55	520.43	498.21	496.40	5.03	ppb
Boron	11-1	462.86	526.49	484.99	491.45	6.57	ppb
Cadmium	111-1	458.16	505.67	460.47	474.76	5.64	ppb
Cadmium	106-1	461.03	510.49	465.23	478.92	5.73	ppb
Cadmium	108-1	460.32	504.01	463.20	475.84	5.13	ppb
Calcium	43-1	232216.01	251720.62	231612.39	238516.34	4.80	ppb
Calcium	44-1	230718.78	250050.86	231077.10	237282.25	4.66	ppb
Chromium	52-2	508.90	512.06	507.54	509.50	0.46	ppb
Cobalt	59-2	508.69	510.25	502.69	507.21	0.79	ppb
Copper	63-2	1025.50	1041.88	1033.65	1033.68	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	123675.83	123799.22	122516.24	123330.43	0.57	ppb
Iron	57-2	123972.65	127534.26	124176.98	125227.96	1.60	ppb
Lead	206-1	516.52	564.04	521.83	534.13	4.88	ppb
Lead	207-1	516.88	555.88	504.60	525.79	5.09	ppb
Lead	208-1	513.33	561.15	518.58	531.02	4.94	ppb
Lithium	6-1						%
Magnesium	24-2	242561.58	243076.79	243214.53	242950.97	0.14	ppb
Manganese	55-2	975.15	972.42	973.06	973.54	0.15	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:37:05	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	508.47	558.33	517.72	528.17	5.02	ppb
Molybdenum	95-1	513.29	572.25	523.09	536.21	5.89	ppb
Molybdenum	96-1	511.14	569.18	525.20	535.17	5.66	ppb
Molybdenum	97-1	497.70	555.53	514.92	522.72	5.68	ppb
Molybdenum	98-1	508.28	568.97	525.41	534.22	5.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.00	517.36	509.10	513.49	0.81	ppb
Phosphorus	31-2	10884.65	9838.52	9466.34	10063.17	7.31	ppb
Potassium	39-2	120440.26	119221.46	119470.47	119710.73	0.54	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	413.77	437.85	526.09	459.24	12.88	ppb
Selenium	78-2	464.12	470.79	445.98	460.30	2.79	ppb
Selenium	82-1	483.16	540.98	496.20	506.78	5.98	ppb
Silicon	28-1	499.63	561.35	507.18	522.72	6.44	ppb
Silver	109-1	467.84	510.47	465.09	481.14	5.29	ppb
Silver	107-1	471.25	510.30	472.00	484.52	4.61	ppb
Sodium	23-2	248535.25	250143.17	248708.00	249128.80	0.35	ppb
Strontium	86-1	504.59	562.48	518.49	528.52	5.72	ppb
Strontium	88-1	509.02	562.88	517.38	529.76	5.47	ppb
Sulfur	34-1	10588.23	12941.28	11055.05	11528.18	10.81	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	510.59	559.65	522.97	531.07	4.80	ppb
Thallium	205-1	511.07	555.76	510.26	525.69	4.95	ppb
Tin	118-1	481.65	519.57	480.54	493.92	4.50	ppb
Titanium	47-1	495.54	537.07	501.18	511.27	4.41	ppb
Uranium	238-1	530.61	576.98	538.92	548.84	4.50	ppb
Vanadium	51-2	510.33	507.54	504.89	507.59	0.54	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	973.19	981.18	970.08	974.81	0.59	ppb
Zirconium	90-1	501.65	553.72	510.29	521.89	5.35	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:37:05	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	505.02	552.85	517.40	525.09	4.73	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:40:04	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.21	1.97	1.99	1.25	100.90	ppb
Antimony	121-1	0.21	0.22	0.23	0.22	4.13	ppb
Arsenic	75-2	0.02	0.02	0.02	0.02	1.97	ppb
Barium	135-1	0.01	0.00	0.00	0.00	205.35	ppb
Barium	137-1	0.01	-0.01	-0.01	0.00		ppb
Beryllium	9-1	0.07	0.06	0.04	0.06	32.01	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	15.85	13.24	12.27	13.79	13.46	ppb
Boron	11-1	13.32	11.90	11.65	12.29	7.35	ppb
Cadmium	111-1	0.01	-0.02	0.03	0.01	306.99	ppb
Cadmium	106-1	-0.29	-0.43	0.22	-0.17		ppb
Cadmium	108-1	0.02	-0.04	0.05	0.01	462.10	ppb
Calcium	43-1	-8.91	-5.21	-6.30	-6.81		ppb
Calcium	44-1	-5.59	-9.98	-9.51	-8.36		ppb
Chromium	52-2	0.00	-0.01	0.10	0.03	194.78	ppb
Cobalt	59-2	-0.02	-0.02	-0.01	-0.02		ppb
Copper	63-2	0.31	0.29	0.32	0.31	5.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.72	0.40	0.43	0.51	35.00	ppb
Iron	57-2	0.60	2.79	0.33	1.24	109.01	ppb
Lead	206-1	0.02	0.01	0.02	0.02	29.21	ppb
Lead	207-1	0.03	0.02	0.02	0.02	32.85	ppb
Lead	208-1	0.02	0.02	0.02	0.02	12.49	ppb
Lithium	6-1						%
Magnesium	24-2	1.07	2.62	1.34	1.68	49.34	ppb
Manganese	55-2	-0.05	-0.01	0.02	-0.01		ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:40:04	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.04	0.05	0.04	11.26	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	9.90	ppb
Molybdenum	96-1	0.04	0.03	0.04	0.04	6.81	ppb
Molybdenum	97-1	0.07	0.01	0.06	0.05	66.96	ppb
Molybdenum	98-1	0.05	0.05	0.04	0.04	13.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.01	-0.02		ppb
Phosphorus	31-2	-18.93	-4.57	-18.93	-14.14		ppb
Potassium	39-2	1.38	1.19	10.12	4.23	120.59	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	3.23	0.00	1.08	173.21	ppb
Selenium	78-2	0.45	-1.17	-0.08	-0.27		ppb
Selenium	82-1	0.63	0.31	-1.12	-0.06		ppb
Silicon	28-1	-14.10	-14.58	-13.88	-14.19		ppb
Silver	109-1	0.13	0.13	0.14	0.13	3.90	ppb
Silver	107-1	0.13	0.11	0.12	0.12	6.88	ppb
Sodium	23-2	35.74	35.83	31.46	34.35	7.28	ppb
Strontium	86-1	0.02	0.06	-0.04	0.01	524.89	ppb
Strontium	88-1	0.00	0.00	0.01	0.00	60.26	ppb
Sulfur	34-1	-1874.52	-1883.35	-1634.36	-1797.41		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.04	0.05	0.05	31.92	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	8.54	ppb
Tin	118-1	0.07	0.11	0.07	0.08	23.73	ppb
Titanium	47-1	0.01	-0.03	-0.07	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.02	0.01	130.20	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.59	0.58	0.81	0.66	19.69	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	8.01	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:40:04	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.05	0.04	0.04	24.11	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:43:11	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44.25	55.09	38.93	46.09	17.87	ppb
Antimony	121-1	4.54	3.83	3.40	3.92	14.67	ppb
Arsenic	75-2	2.84	2.91	2.94	2.90	1.67	ppb
Barium	135-1	85.80	85.88	85.36	85.68	0.32	ppb
Barium	137-1	86.59	86.24	86.95	86.59	0.41	ppb
Beryllium	9-1	0.04	0.00	0.04	0.03	81.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	11.97	10.07	10.35	10.80	9.50	ppb
Boron	11-1	10.17	10.06	9.54	9.92	3.35	ppb
Cadmium	111-1	-0.03	0.00	-0.04	-0.03		ppb
Cadmium	106-1	-0.74	-0.48	-1.18	-0.80		ppb
Cadmium	108-1	0.08	0.02	0.08	0.06	55.11	ppb
Calcium	43-1	98577.75	98541.36	102691.73	99936.94	2.39	ppb
Calcium	44-1	98371.50	98672.98	101150.55	99398.35	1.53	ppb
Chromium	52-2	0.51	0.48	0.50	0.50	2.33	ppb
Cobalt	59-2	3.31	3.28	3.13	3.24	2.90	ppb
Copper	63-2	3.81	3.73	3.99	3.84	3.41	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3771.39	3827.60	3684.34	3761.11	1.92	ppb
Iron	57-2	3772.63	3693.35	3602.53	3689.50	2.31	ppb
Lead	206-1	0.47	0.45	0.40	0.44	8.92	ppb
Lead	207-1	0.45	0.42	0.37	0.41	9.83	ppb
Lead	208-1	0.45	0.44	0.40	0.43	6.61	ppb
Lithium	6-1						%
Magnesium	24-2	9085.22	9121.48	9054.30	9087.00	0.37	ppb
Manganese	55-2	918.97	917.08	901.83	912.63	1.03	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:43:11	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.26	0.23	0.20	0.23	14.52	ppb
Molybdenum	95-1	0.13	0.15	0.12	0.13	13.55	ppb
Molybdenum	96-1	0.18	0.19	0.18	0.18	2.33	ppb
Molybdenum	97-1	0.13	0.15	0.15	0.14	7.30	ppb
Molybdenum	98-1	0.16	0.17	0.16	0.16	3.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.83	2.05	1.67	1.85	10.47	ppb
Phosphorus	31-2	-2.18	-1.96	47.64	14.50	197.97	ppb
Potassium	39-2	733.21	737.22	730.76	733.73	0.44	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.77	0.00	0.00	1.26	173.21	ppb
Selenium	78-2	0.73	0.10	0.73	0.52	70.66	ppb
Selenium	82-1	-1.81	-0.08	-0.68	-0.86		ppb
Silicon	28-1	4786.58	4748.70	4812.64	4782.64	0.67	ppb
Silver	109-1	1.05	1.00	0.95	1.00	5.10	ppb
Silver	107-1	1.01	0.95	0.90	0.95	5.86	ppb
Sodium	23-2	3008.38	3024.41	2931.34	2988.04	1.67	ppb
Strontium	86-1	507.84	508.71	504.65	507.07	0.42	ppb
Strontium	88-1	509.89	507.16	506.75	507.93	0.34	ppb
Sulfur	34-1	-1449.44	-1706.12	-1433.02	-1529.53		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.04	0.03	0.04	22.78	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	20.87	ppb
Tin	118-1	1.52	1.60	1.57	1.56	2.30	ppb
Titanium	47-1	0.63	0.75	1.17	0.85	33.27	ppb
Uranium	238-1	0.65	0.72	0.68	0.68	4.93	ppb
Vanadium	51-2	0.16	0.20	0.13	0.16	20.32	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5.64	6.67	5.95	6.09	8.72	ppb
Zirconium	90-1	0.28	0.33	0.29	0.30	10.20	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:43:11	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.34	0.34	0.30	0.33	6.81	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08DUP	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:46:18	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.80	36.19	48.11	37.70	25.84	ppb
Antimony	121-1	2.30	2.27	2.24	2.27	1.37	ppb
Arsenic	75-2	2.93	2.94	2.80	2.89	2.68	ppb
Barium	135-1	84.65	83.81	83.18	83.88	0.87	ppb
Barium	137-1	86.28	84.12	84.06	84.82	1.49	ppb
Beryllium	9-1	-0.01	0.01	0.06	0.02	175.83	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.65	8.83	8.28	8.59	3.26	ppb
Boron	11-1	8.08	8.32	8.13	8.18	1.50	ppb
Cadmium	111-1	-0.04	-0.06	-0.02	-0.04		ppb
Cadmium	106-1	-0.75	-1.18	-0.53	-0.82		ppb
Cadmium	108-1	-0.01	0.08	-0.01	0.02	230.15	ppb
Calcium	43-1	101122.57	100064.01	100304.36	100496.98	0.55	ppb
Calcium	44-1	99058.82	97340.11	98519.05	98305.99	0.89	ppb
Chromium	52-2	0.54	0.66	0.49	0.56	15.07	ppb
Cobalt	59-2	3.34	3.30	3.38	3.34	1.16	ppb
Copper	63-2	3.71	3.85	3.67	3.74	2.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3788.04	3752.98	3804.63	3781.89	0.70	ppb
Iron	57-2	3655.41	3767.23	3750.17	3724.27	1.62	ppb
Lead	206-1	0.37	0.33	0.39	0.36	9.49	ppb
Lead	207-1	0.37	0.33	0.34	0.35	6.00	ppb
Lead	208-1	0.38	0.35	0.36	0.36	4.46	ppb
Lithium	6-1						%
Magnesium	24-2	9172.46	9304.68	9122.96	9200.03	1.02	ppb
Manganese	55-2	907.96	904.22	909.51	907.23	0.30	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08DUP	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:46:18	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.19	0.26	0.23	0.23	13.53	ppb
Molybdenum	95-1	0.09	0.10	0.11	0.10	9.81	ppb
Molybdenum	96-1	0.20	0.16	0.16	0.17	12.36	ppb
Molybdenum	97-1	0.16	0.10	0.10	0.12	28.35	ppb
Molybdenum	98-1	0.16	0.17	0.15	0.16	6.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.84	1.94	1.89	1.89	2.61	ppb
Phosphorus	31-2	15.73	15.31	49.93	26.99	73.62	ppb
Potassium	39-2	697.79	668.62	660.89	675.77	2.88	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	11.54	3.85	0.00	5.13	114.56	ppb
Selenium	78-2	1.41	0.12	-0.52	0.34	291.01	ppb
Selenium	82-1	0.55	-0.03	1.10	0.54	104.14	ppb
Silicon	28-1	4780.76	4696.98	4731.26	4736.33	0.89	ppb
Silver	109-1	0.64	0.65	0.60	0.63	4.41	ppb
Silver	107-1	0.65	0.65	0.60	0.63	5.15	ppb
Sodium	23-2	2954.56	2931.56	2927.28	2937.80	0.50	ppb
Strontium	86-1	492.21	503.52	502.81	499.52	1.27	ppb
Strontium	88-1	496.36	504.93	505.87	502.39	1.04	ppb
Sulfur	34-1	-1435.77	-1737.75	-1755.30	-1642.94		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.00	0.01	61.83	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	31.41	ppb
Tin	118-1	1.23	1.29	1.38	1.30	5.84	ppb
Titanium	47-1	0.96	1.06	0.74	0.92	17.87	ppb
Uranium	238-1	0.69	0.71	0.70	0.70	1.60	ppb
Vanadium	51-2	0.18	0.22	0.23	0.21	12.37	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.22	6.66	7.00	6.63	5.86	ppb
Zirconium	90-1	0.31	0.28	0.26	0.28	8.16	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08DUP	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:46:18	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.28	0.25	0.29	0.27	7.63	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08LX5	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-04 16:49:25	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.04	11.79	8.06	11.30	26.76	ppb
Antimony	121-1	0.69	0.56	0.57	0.61	11.85	ppb
Arsenic	75-2	0.46	0.46	0.48	0.47	2.91	ppb
Barium	135-1	17.37	16.53	16.30	16.73	3.38	ppb
Barium	137-1	17.57	16.91	16.68	17.05	2.70	ppb
Beryllium	9-1	0.03	0.00	0.02	0.02	86.35	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.67	4.97	4.77	5.13	9.20	ppb
Boron	11-1	5.03	4.83	4.57	4.81	4.81	ppb
Cadmium	111-1	0.01	-0.01	-0.12	-0.04		ppb
Cadmium	106-1	-0.09	-0.26	-1.73	-0.70		ppb
Cadmium	108-1	0.03	-0.04	0.02	0.00	988.26	ppb
Calcium	43-1	19991.21	18816.59	18846.52	19218.11	3.48	ppb
Calcium	44-1	20146.07	19094.44	19014.90	19418.47	3.25	ppb
Chromium	52-2	0.18	0.13	0.05	0.12	52.86	ppb
Cobalt	59-2	0.62	0.61	0.57	0.60	3.84	ppb
Copper	63-2	0.69	0.80	0.74	0.74	7.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	698.53	705.91	696.10	700.18	0.73	ppb
Iron	57-2	682.95	692.83	715.14	696.97	2.37	ppb
Lead	206-1	0.06	0.08	0.06	0.06	21.61	ppb
Lead	207-1	0.06	0.07	0.08	0.07	12.12	ppb
Lead	208-1	0.07	0.08	0.07	0.07	8.46	ppb
Lithium	6-1						%
Magnesium	24-2	1702.40	1755.44	1713.86	1723.90	1.62	ppb
Manganese	55-2	175.10	175.32	175.03	175.15	0.09	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08LX5	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-04 16:49:25	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.07	0.04	0.05	36.86	ppb
Molybdenum	95-1	0.02	0.04	0.01	0.02	51.84	ppb
Molybdenum	96-1	0.03	0.02	0.03	0.03	36.18	ppb
Molybdenum	97-1	0.04	0.06	0.02	0.04	44.71	ppb
Molybdenum	98-1	0.01	0.02	0.02	0.02	26.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.31	0.32	0.30	10.27	ppb
Phosphorus	31-2	12.31	59.78	12.01	28.04	98.07	ppb
Potassium	39-2	139.63	138.47	140.60	139.57	0.76	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	3.50	0.00	1.17	173.21	ppb
Selenium	78-2	-0.59	0.00	0.00	-0.20		ppb
Selenium	82-1	0.97	-0.03	-0.39	0.18	384.30	ppb
Silicon	28-1	988.11	918.05	916.24	940.80	4.36	ppb
Silver	109-1	0.11	0.12	0.13	0.12	8.70	ppb
Silver	107-1	0.10	0.11	0.11	0.11	6.62	ppb
Sodium	23-2	551.92	571.63	557.52	560.36	1.81	ppb
Strontium	86-1	103.73	96.22	96.71	98.89	4.25	ppb
Strontium	88-1	106.00	98.50	99.70	101.40	3.97	ppb
Sulfur	34-1	-734.96	-1672.95	-1614.11	-1340.67		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	19.57	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	32.57	ppb
Tin	118-1	0.12	0.12	0.10	0.11	9.05	ppb
Titanium	47-1	0.15	0.16	0.13	0.15	12.62	ppb
Uranium	238-1	0.14	0.13	0.12	0.13	5.91	ppb
Vanadium	51-2	0.04	0.02	0.05	0.04	39.70	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.82	2.12	1.61	1.85	13.83	ppb
Zirconium	90-1	0.05	0.05	0.04	0.05	13.32	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08LX5	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-04 16:49:25	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.08	0.05	0.07	24.05	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-09	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140MS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:52:32	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9272.09	9415.45	9583.52	9423.69	1.65	ppb
Antimony	121-1	483.22	480.17	475.80	479.73	0.78	ppb
Arsenic	75-2	521.79	519.39	522.65	521.28	0.32	ppb
Barium	135-1	2468.61	2424.66	2415.34	2436.20	1.17	ppb
Barium	137-1	2434.78	2431.33	2404.69	2423.60	0.68	ppb
Beryllium	9-1	410.82	406.17	407.99	408.32	0.57	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	374.56	375.93	380.57	377.02	0.83	ppb
Boron	11-1	364.30	371.99	369.53	368.61	1.06	ppb
Cadmium	111-1	470.87	466.83	460.85	466.18	1.08	ppb
Cadmium	106-1	459.55	461.84	469.91	463.77	1.17	ppb
Cadmium	108-1	467.26	467.72	459.91	464.96	0.94	ppb
Calcium	43-1	148844.79	145986.76	146463.75	147098.43	1.04	ppb
Calcium	44-1	148765.74	146249.80	147132.16	147382.57	0.87	ppb
Chromium	52-2	539.94	555.73	575.08	556.92	3.16	ppb
Cobalt	59-2	549.29	563.80	583.56	565.55	3.04	ppb
Copper	63-2	1105.16	1138.15	1159.26	1134.19	2.40	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	29158.43	29831.69	30722.32	29904.14	2.62	ppb
Iron	57-2	29123.07	29718.32	30639.81	29827.06	2.56	ppb
Lead	206-1	522.54	522.83	529.69	525.02	0.77	ppb
Lead	207-1	523.92	517.35	520.53	520.60	0.63	ppb
Lead	208-1	524.04	519.55	526.27	523.29	0.65	ppb
Lithium	6-1						%
Magnesium	24-2	61710.33	62000.93	64963.50	62891.59	2.86	ppb
Manganese	55-2	1799.73	1871.22	1904.55	1858.50	2.88	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-09	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140MS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:52:32	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	525.55	514.95	525.04	521.85	1.15	ppb
Molybdenum	95-1	520.51	512.83	516.33	516.56	0.74	ppb
Molybdenum	96-1	521.01	518.42	525.65	521.69	0.70	ppb
Molybdenum	97-1	510.78	505.79	504.19	506.92	0.68	ppb
Molybdenum	98-1	525.11	519.99	517.19	520.76	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	566.56	578.36	598.90	581.27	2.82	ppb
Phosphorus	31-2	147.80	-1.87	-1.20	48.24	178.71	ppb
Potassium	39-2	23675.14	24321.27	24985.05	24327.15	2.69	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	455.01	507.90	489.15	484.02	5.54	ppb
Selenium	78-2	518.46	506.56	499.60	508.21	1.88	ppb
Selenium	82-1	517.38	503.71	507.96	509.68	1.37	ppb
Silicon	28-1	5178.67	5093.05	5080.30	5117.34	1.05	ppb
Silver	109-1	471.35	461.31	459.59	464.09	1.37	ppb
Silver	107-1	468.47	453.57	460.29	460.78	1.62	ppb
Sodium	23-2	56592.02	57946.77	60447.15	58328.65	3.35	ppb
Strontium	86-1	506.43	498.80	502.93	502.72	0.76	ppb
Strontium	88-1	512.02	498.60	503.21	504.61	1.35	ppb
Sulfur	34-1	-940.74	-1415.54	-1525.30	-1293.86		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	529.30	522.02	534.31	528.54	1.17	ppb
Thallium	205-1	527.56	528.74	531.08	529.12	0.34	ppb
Tin	118-1	450.16	443.50	443.23	445.63	0.88	ppb
Titanium	47-1	495.68	495.38	490.28	493.78	0.61	ppb
Uranium	238-1	528.97	526.27	529.47	528.24	0.33	ppb
Vanadium	51-2	524.62	534.40	553.23	537.42	2.71	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	980.80	1017.81	1055.87	1018.16	3.69	ppb
Zirconium	90-1	512.60	512.96	520.18	515.24	0.83	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-09	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140MS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:52:32	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	519.07	507.76	523.12	516.65	1.54	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-10	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:55:32	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9335.77	9384.53	9412.47	9377.59	0.41	ppb
Antimony	121-1	565.99	486.30	482.53	511.61	9.21	ppb
Arsenic	75-2	528.39	530.87	530.22	529.82	0.24	ppb
Barium	135-1	2825.69	2475.30	2460.74	2587.24	7.99	ppb
Barium	137-1	2825.58	2460.24	2448.02	2577.95	8.32	ppb
Beryllium	9-1	460.21	413.88	412.90	429.00	6.30	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	433.70	397.11	409.22	413.34	4.51	ppb
Boron	11-1	419.38	388.29	390.05	399.24	4.37	ppb
Cadmium	111-1	538.25	467.48	470.36	492.03	8.14	ppb
Cadmium	106-1	526.17	464.96	472.20	487.78	6.86	ppb
Cadmium	108-1	532.31	464.85	467.36	488.17	7.83	ppb
Calcium	43-1	172797.12	153025.32	148613.88	158145.44	8.14	ppb
Calcium	44-1	169001.39	153056.67	148728.23	156928.76	6.80	ppb
Chromium	52-2	561.10	562.23	563.33	562.22	0.20	ppb
Cobalt	59-2	569.66	575.93	569.35	571.65	0.65	ppb
Copper	63-2	1158.73	1149.37	1146.05	1151.38	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	29904.25	30343.37	30099.47	30115.70	0.73	ppb
Iron	57-2	29751.76	30169.31	30285.80	30068.96	0.93	ppb
Lead	206-1	612.12	537.17	529.63	559.64	8.15	ppb
Lead	207-1	605.45	534.33	524.66	554.81	7.95	ppb
Lead	208-1	606.68	539.41	525.95	557.35	7.76	ppb
Lithium	6-1						%
Magnesium	24-2	62542.49	63851.71	63629.62	63341.27	1.11	ppb
Manganese	55-2	1855.85	1872.23	1859.41	1862.50	0.46	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-10	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:55:32	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	626.12	527.89	538.53	564.18	9.56	ppb
Molybdenum	95-1	609.67	531.68	532.46	557.94	8.03	ppb
Molybdenum	96-1	607.75	531.76	530.15	556.55	7.97	ppb
Molybdenum	97-1	597.83	519.53	520.60	545.99	8.22	ppb
Molybdenum	98-1	608.03	531.06	534.85	557.98	7.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	588.92	591.03	585.61	588.52	0.46	ppb
Phosphorus	31-2	15.54	16.00	-1.50	10.01	99.62	ppb
Potassium	39-2	24414.32	24616.84	24261.60	24430.92	0.73	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	466.92	421.20	455.39	447.84	5.31	ppb
Selenium	78-2	450.79	497.27	467.14	471.73	5.00	ppb
Selenium	82-1	600.45	521.53	523.30	548.42	8.22	ppb
Silicon	28-1	5947.79	5274.28	5109.79	5443.95	8.16	ppb
Silver	109-1	547.48	473.36	467.16	496.00	9.01	ppb
Silver	107-1	539.36	469.45	468.68	492.50	8.24	ppb
Sodium	23-2	58644.69	58802.07	58898.43	58781.73	0.22	ppb
Strontium	86-1	591.61	504.02	508.79	534.81	9.21	ppb
Strontium	88-1	593.83	509.30	513.82	538.98	8.82	ppb
Sulfur	34-1	268.16	-1342.59	-1832.16	-968.86		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	619.62	554.59	534.24	569.48	7.83	ppb
Thallium	205-1	621.86	550.90	532.81	568.53	8.28	ppb
Tin	118-1	527.18	455.98	447.48	476.88	9.18	ppb
Titanium	47-1	576.46	513.05	506.56	532.02	7.26	ppb
Uranium	238-1	614.15	541.94	534.59	563.56	7.80	ppb
Vanadium	51-2	540.43	547.24	540.99	542.89	0.70	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1021.61	1045.25	1035.63	1034.16	1.15	ppb
Zirconium	90-1	605.53	528.17	524.50	552.73	8.28	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-10	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:55:32	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	607.32	516.41	520.05	547.93	9.39	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08A	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:58:31	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9400.31	9118.74	9442.52	9320.52	1.89	ppb
Antimony	121-1	504.87	486.13	487.76	492.92	2.11	ppb
Arsenic	75-2	529.57	531.32	536.33	532.40	0.66	ppb
Barium	135-1	2582.99	2461.57	2452.46	2499.01	2.92	ppb
Barium	137-1	2541.03	2442.50	2432.44	2471.99	2.43	ppb
Beryllium	9-1	439.89	412.38	408.27	420.18	4.09	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	416.90	391.22	390.74	399.62	3.75	ppb
Boron	11-1	403.04	385.30	387.45	391.93	2.47	ppb
Cadmium	111-1	488.63	465.55	470.82	475.00	2.55	ppb
Cadmium	106-1	474.37	464.23	462.82	467.14	1.35	ppb
Cadmium	108-1	488.61	460.45	460.02	469.70	3.49	ppb
Calcium	43-1	156850.21	147953.27	148501.77	151101.75	3.30	ppb
Calcium	44-1	156689.24	147598.40	148787.20	151024.95	3.27	ppb
Chromium	52-2	561.39	552.48	560.88	558.25	0.90	ppb
Cobalt	59-2	571.51	564.76	570.61	568.96	0.64	ppb
Copper	63-2	1144.83	1147.62	1178.29	1156.91	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	30046.05	29525.53	29847.16	29806.25	0.88	ppb
Iron	57-2	29873.53	29362.94	29785.15	29673.87	0.92	ppb
Lead	206-1	545.88	529.76	540.55	538.73	1.52	ppb
Lead	207-1	548.47	534.14	534.73	539.11	1.50	ppb
Lead	208-1	549.96	535.99	536.67	540.87	1.46	ppb
Lithium	6-1						%
Magnesium	24-2	62968.23	61478.42	61765.60	62070.75	1.27	ppb
Manganese	55-2	1859.41	1831.41	1854.01	1848.28	0.80	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08A	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:58:31	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	562.25	533.03	522.91	539.40	3.79	ppb
Molybdenum	95-1	550.90	528.59	525.94	535.14	2.56	ppb
Molybdenum	96-1	551.16	525.14	530.72	535.67	2.56	ppb
Molybdenum	97-1	543.09	516.93	517.49	525.84	2.84	ppb
Molybdenum	98-1	547.36	529.71	532.40	536.49	1.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	586.12	579.19	587.47	584.26	0.76	ppb
Phosphorus	31-2	-18.93	-2.28	32.15	3.65	714.17	ppb
Potassium	39-2	24418.58	24048.12	24290.25	24252.32	0.78	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	536.48	475.46	513.38	508.44	6.06	ppb
Selenium	78-2	459.88	450.49	480.31	463.56	3.29	ppb
Selenium	82-1	542.13	514.61	514.29	523.68	3.05	ppb
Silicon	28-1	5361.74	5046.95	5155.91	5188.20	3.08	ppb
Silver	109-1	493.68	464.84	464.82	474.45	3.51	ppb
Silver	107-1	490.95	465.69	467.69	474.78	2.96	ppb
Sodium	23-2	58334.20	57490.22	58518.94	58114.45	0.94	ppb
Strontium	86-1	534.54	508.13	506.60	516.42	3.04	ppb
Strontium	88-1	540.99	517.46	504.55	521.00	3.55	ppb
Sulfur	34-1	-1730.30	-2412.57	-2440.83	-2194.57		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	563.82	546.39	544.69	551.63	1.92	ppb
Thallium	205-1	555.30	544.10	542.35	547.25	1.28	ppb
Tin	118-1	478.20	454.16	452.12	461.49	3.14	ppb
Titanium	47-1	528.28	493.71	496.35	506.11	3.80	ppb
Uranium	238-1	558.88	547.62	542.45	549.65	1.53	ppb
Vanadium	51-2	537.52	532.72	544.31	538.18	1.08	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1024.82	1017.67	1036.77	1026.42	0.94	ppb
Zirconium	90-1	548.84	521.25	522.56	530.88	2.93	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08A	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:58:31	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	562.11	531.79	518.80	537.57	4.13	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4535-01	Instrumnet Name :	P8
Client Sample ID :	TRC-MW-101I	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:01:30	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1022.05	1152.10	1110.22	1094.79	6.06	ppb
Antimony	121-1	2.42	2.31	2.36	2.36	2.31	ppb
Arsenic	75-2	3.41	3.52	3.51	3.48	1.89	ppb
Barium	135-1	159.01	158.61	152.49	156.71	2.33	ppb
Barium	137-1	159.89	159.50	157.24	158.88	0.90	ppb
Beryllium	9-1	0.20	0.11	0.19	0.17	29.67	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	393.39	386.61	386.81	388.94	0.99	ppb
Boron	11-1	401.13	389.58	386.38	392.36	1.98	ppb
Cadmium	111-1	0.08	0.09	0.11	0.10	16.76	ppb
Cadmium	106-1	-0.91	-0.78	-0.60	-0.76		ppb
Cadmium	108-1	0.30	0.41	0.46	0.39	21.77	ppb
Calcium	43-1	93556.10	93054.06	87820.74	91476.97	3.47	ppb
Calcium	44-1	92056.86	90774.56	88121.65	90317.69	2.22	ppb
Chromium	52-2	24.38	23.48	23.63	23.83	2.02	ppb
Cobalt	59-2	1.51	1.57	1.55	1.54	1.98	ppb
Copper	63-2	20.56	20.13	20.20	20.30	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2420.39	2420.25	2450.17	2430.27	0.71	ppb
Iron	57-2	2442.11	2301.88	2321.31	2355.10	3.23	ppb
Lead	206-1	16.56	16.26	16.38	16.40	0.93	ppb
Lead	207-1	15.13	14.95	14.85	14.98	0.96	ppb
Lead	208-1	15.85	15.62	15.72	15.73	0.73	ppb
Lithium	6-1						%
Magnesium	24-2	56153.41	54641.94	54943.88	55246.41	1.45	ppb
Manganese	55-2	124.72	123.18	122.01	123.30	1.10	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4535-01	Instrumnet Name :	P8
Client Sample ID :	TRC-MW-101I	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:01:30	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.91	0.89	0.87	0.89	1.87	ppb
Molybdenum	95-1	1.44	1.48	1.38	1.43	3.61	ppb
Molybdenum	96-1	1.38	1.30	1.33	1.34	2.86	ppb
Molybdenum	97-1	1.52	1.37	1.34	1.41	7.06	ppb
Molybdenum	98-1	1.44	1.47	1.46	1.46	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.62	10.39	10.38	10.46	1.30	ppb
Phosphorus	31-2	67.28	81.44	48.66	65.79	24.99	ppb
Potassium	39-2	12867.94	12347.65	12630.33	12615.31	2.06	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.85	3.82	3.79	3.82	0.74	ppb
Selenium	78-2	2.70	1.39	3.91	2.67	47.23	ppb
Selenium	82-1	2.78	1.53	2.00	2.10	29.98	ppb
Silicon	28-1	13138.23	12902.79	12560.72	12867.25	2.26	ppb
Silver	109-1	0.66	0.61	0.55	0.61	8.68	ppb
Silver	107-1	0.62	0.60	0.58	0.60	3.19	ppb
Sodium	23-2	67413.05	64679.48	64495.51	65529.35	2.49	ppb
Strontium	86-1	555.89	552.88	540.04	549.61	1.53	ppb
Strontium	88-1	563.30	557.61	542.72	554.54	1.92	ppb
Sulfur	34-1	28183.19	27641.00	26035.07	27286.42	4.09	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.11	0.11	0.09	0.10	11.74	ppb
Thallium	205-1	0.13	0.10	0.10	0.11	14.49	ppb
Tin	118-1	5.99	6.06	5.75	5.93	2.79	ppb
Titanium	47-1	54.09	52.54	121.95	76.20	52.02	ppb
Uranium	238-1	2.72	2.70	2.63	2.68	1.78	ppb
Vanadium	51-2	5.20	5.10	4.91	5.07	2.85	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	103.55	101.39	103.34	102.76	1.16	ppb
Zirconium	90-1	0.62	0.61	0.57	0.60	4.03	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4535-01	Instrumnet Name :	P8
Client Sample ID :	TRC-MW-101I	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:01:30	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.60	0.54	0.57	0.57	5.06	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4535-02	Instrumnet Name :	P8
Client Sample ID :	TRC-MW-101D	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:04:37	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1203.98	1107.10	1015.25	1108.78	8.51	ppb
Antimony	121-1	2.36	2.34	2.44	2.38	2.34	ppb
Arsenic	75-2	4.63	5.39	5.22	5.08	7.88	ppb
Barium	135-1	134.23	131.02	132.97	132.74	1.22	ppb
Barium	137-1	134.57	131.58	135.45	133.87	1.51	ppb
Beryllium	9-1	0.13	0.15	0.11	0.13	18.02	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	320.45	304.10	318.55	314.37	2.85	ppb
Boron	11-1	317.32	313.15	319.27	316.58	0.99	ppb
Cadmium	111-1	0.12	0.17	0.10	0.13	27.08	ppb
Cadmium	106-1	-0.26	0.11	-0.57	-0.24		ppb
Cadmium	108-1	0.20	0.26	0.35	0.27	27.58	ppb
Calcium	43-1	68016.71	66868.10	65746.90	66877.24	1.70	ppb
Calcium	44-1	67006.91	65823.25	65942.20	66257.45	0.98	ppb
Chromium	52-2	5.37	5.88	5.35	5.53	5.37	ppb
Cobalt	59-2	2.52	2.57	2.36	2.48	4.46	ppb
Copper	63-2	18.33	18.84	18.71	18.62	1.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2327.98	2342.11	2334.90	2334.99	0.30	ppb
Iron	57-2	2331.33	2304.05	2204.89	2280.09	2.92	ppb
Lead	206-1	19.21	19.45	19.89	19.52	1.78	ppb
Lead	207-1	17.97	18.04	17.82	17.94	0.62	ppb
Lead	208-1	18.65	18.68	18.85	18.73	0.58	ppb
Lithium	6-1						%
Magnesium	24-2	63741.28	66211.17	64417.39	64789.95	1.97	ppb
Manganese	55-2	380.64	390.06	387.77	386.16	1.27	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4535-02	Instrumnet Name :	P8
Client Sample ID :	TRC-MW-101D	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:04:37	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.74	0.78	0.75	0.76	2.93	ppb
Molybdenum	95-1	0.47	0.45	0.52	0.48	8.17	ppb
Molybdenum	96-1	0.55	0.50	0.50	0.51	5.36	ppb
Molybdenum	97-1	0.54	0.45	0.51	0.50	9.01	ppb
Molybdenum	98-1	0.56	0.52	0.50	0.53	6.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.87	5.25	5.04	5.05	3.75	ppb
Phosphorus	31-2	112.73	49.57	100.97	87.76	38.28	ppb
Potassium	39-2	21471.50	21871.02	21875.69	21739.40	1.07	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	7.58	3.83	3.81	5.07	42.85	ppb
Selenium	78-2	-0.53	2.04	5.85	2.45	130.91	ppb
Selenium	82-1	2.61	2.74	2.40	2.58	6.71	ppb
Silicon	28-1	10469.93	10267.50	10217.35	10318.26	1.30	ppb
Silver	109-1	0.45	0.42	0.44	0.44	3.96	ppb
Silver	107-1	0.40	0.40	0.40	0.40	0.53	ppb
Sodium	23-2	386195.96	394708.30	394653.78	391852.68	1.25	ppb
Strontium	86-1	853.21	832.78	855.39	847.13	1.47	ppb
Strontium	88-1	851.48	846.10	849.14	848.91	0.32	ppb
Sulfur	34-1	40006.39	38128.38	38355.32	38830.03	2.64	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.04	0.06	0.05	17.49	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	17.41	ppb
Tin	118-1	4.46	4.31	4.55	4.44	2.71	ppb
Titanium	47-1	54.54	54.83	52.96	54.11	1.86	ppb
Uranium	238-1	0.92	0.92	0.92	0.92	0.08	ppb
Vanadium	51-2	4.74	4.79	4.79	4.77	0.61	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	176.39	189.39	182.25	182.68	3.56	ppb
Zirconium	90-1	0.91	0.97	0.82	0.90	8.08	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4535-02	Instrumnet Name :	P8
Client Sample ID :	TRC-MW-101D	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:04:37	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.84	0.84	0.89	0.86	3.30	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-01DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW04DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:07:42	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.96	1.99	-0.20	1.25	100.42	ppb
Antimony	121-1	0.15	0.17	0.15	0.16	5.97	ppb
Arsenic	75-2	0.08	0.12	0.02	0.07	66.65	ppb
Barium	135-1	2.74	2.78	2.80	2.77	0.93	ppb
Barium	137-1	2.57	2.77	2.56	2.63	4.48	ppb
Beryllium	9-1	0.04	0.01	0.02	0.02	80.20	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	24.49	20.18	19.33	21.33	12.97	ppb
Boron	11-1	21.73	20.60	18.40	20.24	8.35	ppb
Cadmium	111-1	0.05	-0.03	-0.05	-0.01		ppb
Cadmium	106-1	0.76	-0.45	-0.74	-0.14		ppb
Cadmium	108-1	0.13	-0.01	-0.01	0.04	208.68	ppb
Calcium	43-1	4997.13	5155.16	5033.76	5062.02	1.63	ppb
Calcium	44-1	5161.57	5308.06	5199.47	5223.03	1.46	ppb
Chromium	52-2	-0.02	0.14	0.09	0.07	111.56	ppb
Cobalt	59-2	0.08	0.07	0.10	0.08	17.26	ppb
Copper	63-2	0.29	0.29	0.26	0.28	6.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	86.21	86.96	85.83	86.33	0.67	ppb
Iron	57-2	91.62	82.68	81.76	85.35	6.38	ppb
Lead	206-1	-0.02	0.02	0.00	0.00	6914.22	ppb
Lead	207-1	0.00	-0.01	0.02	0.00	268.59	ppb
Lead	208-1	0.00	0.00	0.01	0.00	121.09	ppb
Lithium	6-1						%
Magnesium	24-2	344.27	329.80	333.31	335.79	2.25	ppb
Manganese	55-2	32.54	33.19	31.94	32.56	1.93	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-01DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW04DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:07:42	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.01	0.01	17.39	ppb
Molybdenum	95-1	0.00	0.01	0.01	0.01	51.97	ppb
Molybdenum	96-1	0.02	0.02	0.01	0.02	33.04	ppb
Molybdenum	97-1	0.03	0.01	0.02	0.02	41.20	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.01	66.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.05	0.07	0.08	39.76	ppb
Phosphorus	31-2	-4.62	-18.93	9.82	-4.58		ppb
Potassium	39-2	20.59	16.52	24.11	20.40	18.63	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	3.24	1.08	173.21	ppb
Selenium	78-2	0.45	0.46	-1.17	-0.09		ppb
Selenium	82-1	0.45	0.20	-0.21	0.14	231.73	ppb
Silicon	28-1	207.26	208.92	203.02	206.40	1.47	ppb
Silver	109-1	0.05	0.05	0.04	0.05	12.22	ppb
Silver	107-1	0.05	0.05	0.04	0.04	11.37	ppb
Sodium	23-2	112.94	121.29	112.72	115.65	4.22	ppb
Strontium	86-1	23.60	23.58	22.92	23.37	1.66	ppb
Strontium	88-1	23.37	23.94	23.25	23.52	1.58	ppb
Sulfur	34-1	-2619.30	-2185.80	-2454.19	-2419.76		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.02	0.02	40.96	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	18.40	ppb
Tin	118-1	0.03	0.02	0.00	0.01	101.75	ppb
Titanium	47-1	0.04	0.08	0.02	0.05	76.65	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	18.47	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	15.81	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.71	0.93	0.79	0.81	13.78	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	27.27	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-01DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW04DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:07:42	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.02	0.02	0.01	85.44	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-02DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW03DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:10:49	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.07	3.02	4.15	3.42	18.67	ppb
Antimony	121-1	0.12	0.11	0.10	0.11	6.39	ppb
Arsenic	75-2	0.09	0.17	0.08	0.11	44.26	ppb
Barium	135-1	2.67	2.78	2.88	2.78	3.66	ppb
Barium	137-1	2.71	2.60	2.83	2.72	4.16	ppb
Beryllium	9-1	0.05	0.04	0.01	0.04	63.27	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	12.64	10.71	13.22	12.19	10.77	ppb
Boron	11-1	12.86	12.56	12.52	12.65	1.46	ppb
Cadmium	111-1	0.00	0.02	0.01	0.01	78.44	ppb
Cadmium	106-1	0.05	0.17	0.22	0.15	57.73	ppb
Cadmium	108-1	0.05	-0.04	0.08	0.03	198.54	ppb
Calcium	43-1	3741.82	3885.82	3872.80	3833.48	2.08	ppb
Calcium	44-1	3901.94	3969.97	3895.95	3922.62	1.05	ppb
Chromium	52-2	0.18	0.20	0.00	0.13	86.17	ppb
Cobalt	59-2	0.04	0.02	0.01	0.03	55.60	ppb
Copper	63-2	0.27	0.20	0.21	0.23	18.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	114.76	113.00	113.05	113.61	0.88	ppb
Iron	57-2	112.67	118.81	112.14	114.54	3.24	ppb
Lead	206-1	0.00	-0.01	0.03	0.01	260.73	ppb
Lead	207-1	0.02	0.05	0.02	0.03	48.46	ppb
Lead	208-1	0.01	0.02	0.02	0.02	28.25	ppb
Lithium	6-1						%
Magnesium	24-2	290.25	274.08	294.95	286.43	3.82	ppb
Manganese	55-2	34.94	35.69	35.92	35.52	1.44	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-02DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW03DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:10:49	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.02	0.02	0.02	34.51	ppb
Molybdenum	95-1	0.02	0.02	0.01	0.02	20.47	ppb
Molybdenum	96-1	0.03	0.02	0.02	0.02	35.48	ppb
Molybdenum	97-1	0.03	0.04	0.01	0.03	53.00	ppb
Molybdenum	98-1	0.01	0.01	0.02	0.01	22.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.03	0.04	0.06	66.92	ppb
Phosphorus	31-2	-18.93	9.61	-4.53	-4.62		ppb
Potassium	39-2	12.10	20.08	31.85	21.34	46.56	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.62	-1.17	-0.08	-0.62		ppb
Selenium	82-1	0.33	0.26	-0.38	0.07	576.74	ppb
Silicon	28-1	157.84	157.33	158.39	157.86	0.33	ppb
Silver	109-1	0.03	0.05	0.04	0.04	23.11	ppb
Silver	107-1	0.03	0.04	0.02	0.03	23.14	ppb
Sodium	23-2	102.86	96.70	101.51	100.36	3.23	ppb
Strontium	86-1	18.52	19.14	18.98	18.88	1.71	ppb
Strontium	88-1	18.86	19.42	19.58	19.29	1.95	ppb
Sulfur	34-1	-2079.19	-1703.32	-1887.90	-1890.14		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.01	0.02	35.80	ppb
Thallium	205-1	0.02	0.02	0.01	0.01	17.48	ppb
Tin	118-1	0.02	0.04	0.03	0.03	30.74	ppb
Titanium	47-1	0.00	0.06	0.10	0.05	94.65	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	42.44	ppb
Vanadium	51-2	0.02	0.01	0.03	0.02	44.82	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.96	1.02	0.84	0.94	9.58	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	33.54	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-02DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW03DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:10:49	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.00	0.02	0.02	98.23	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:13:57	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47901.33	47490.17	51586.77	48992.75	4.60	ppb
Antimony	121-1	476.02	461.10	469.16	468.76	1.59	ppb
Arsenic	75-2	484.50	483.63	525.19	497.77	4.77	ppb
Barium	135-1	2459.26	2383.23	2427.91	2423.47	1.58	ppb
Barium	137-1	2461.39	2379.59	2414.26	2418.41	1.70	ppb
Beryllium	9-1	487.97	484.72	499.39	490.70	1.57	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	489.23	483.13	494.03	488.79	1.12	ppb
Boron	11-1	481.54	479.64	504.03	488.40	2.78	ppb
Cadmium	111-1	467.27	449.37	461.58	459.40	1.99	ppb
Cadmium	106-1	472.62	454.19	469.95	465.59	2.14	ppb
Cadmium	108-1	467.53	453.24	453.48	458.08	1.79	ppb
Calcium	43-1	230626.23	228714.63	230255.82	229865.56	0.44	ppb
Calcium	44-1	229964.16	228534.04	231707.36	230068.52	0.69	ppb
Chromium	52-2	516.12	507.72	551.39	525.08	4.41	ppb
Cobalt	59-2	511.67	507.89	545.44	521.67	3.96	ppb
Copper	63-2	1053.31	1023.78	1104.93	1060.67	3.87	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	124573.24	123918.62	131970.16	126820.67	3.53	ppb
Iron	57-2	127012.92	126680.41	133095.11	128929.48	2.80	ppb
Lead	206-1	512.84	514.20	506.49	511.18	0.80	ppb
Lead	207-1	521.92	508.35	508.64	512.97	1.51	ppb
Lead	208-1	517.73	510.92	508.29	512.31	0.95	ppb
Lithium	6-1						%
Magnesium	24-2	244678.29	239908.57	259659.03	248081.96	4.15	ppb
Manganese	55-2	984.18	968.83	1049.26	1000.76	4.27	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:13:57	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	508.45	511.34	514.64	511.47	0.61	ppb
Molybdenum	95-1	515.23	509.53	513.39	512.72	0.57	ppb
Molybdenum	96-1	507.42	510.76	508.15	508.78	0.34	ppb
Molybdenum	97-1	501.03	498.85	502.22	500.70	0.34	ppb
Molybdenum	98-1	520.61	506.96	513.82	513.80	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.98	513.84	550.70	528.17	3.74	ppb
Phosphorus	31-2	9237.43	9912.31	10489.07	9879.60	6.34	ppb
Potassium	39-2	120484.30	119557.15	127076.11	122372.52	3.35	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	530.82	493.51	470.93	498.42	6.07	ppb
Selenium	78-2	451.01	479.32	474.44	468.26	3.23	ppb
Selenium	82-1	496.63	487.85	482.88	489.12	1.42	ppb
Silicon	28-1	515.71	506.73	506.94	509.79	1.01	ppb
Silver	109-1	474.11	460.68	469.79	468.19	1.46	ppb
Silver	107-1	472.28	458.03	466.68	465.66	1.54	ppb
Sodium	23-2	250890.40	247044.20	270531.41	256155.34	4.92	ppb
Strontium	86-1	510.93	505.80	508.94	508.56	0.51	ppb
Strontium	88-1	510.33	511.54	509.12	510.33	0.24	ppb
Sulfur	34-1	11263.28	10791.84	10920.42	10991.85	2.22	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	518.13	508.28	501.59	509.33	1.63	ppb
Thallium	205-1	512.20	509.32	500.28	507.27	1.23	ppb
Tin	118-1	487.47	474.48	476.14	479.36	1.47	ppb
Titanium	47-1	499.13	492.70	500.98	497.60	0.87	ppb
Uranium	238-1	528.69	525.49	525.02	526.40	0.38	ppb
Vanadium	51-2	509.73	507.29	548.29	521.77	4.41	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	992.19	981.51	1053.05	1008.92	3.83	ppb
Zirconium	90-1	502.63	501.76	504.70	503.03	0.30	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:13:57	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	506.42	506.33	505.58	506.11	0.09	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:16:55	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.07	-0.16	2.00	1.30	96.93	ppb
Antimony	121-1	0.22	0.20	0.20	0.21	6.00	ppb
Arsenic	75-2	-0.02	0.02	0.02	0.01	249.53	ppb
Barium	135-1	0.02	0.00	0.00	0.01	83.02	ppb
Barium	137-1	0.00	-0.02	-0.01	-0.01		ppb
Beryllium	9-1	0.05	0.13	0.08	0.09	44.33	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	18.85	18.36	16.56	17.92	6.75	ppb
Boron	11-1	18.08	17.96	16.83	17.63	3.92	ppb
Cadmium	111-1	0.00	0.01	-0.01	0.00	541.81	ppb
Cadmium	106-1	-0.15	-0.02	-0.18	-0.12		ppb
Cadmium	108-1	-0.07	0.07	0.05	0.02	405.70	ppb
Calcium	43-1	-4.93	-4.84	-10.09	-6.62		ppb
Calcium	44-1	-10.69	-10.84	-14.78	-12.10		ppb
Chromium	52-2	0.08	0.09	0.01	0.06	70.40	ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.20	0.20	0.21	0.20	2.76	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.97	1.14	0.73	0.95	21.86	ppb
Iron	57-2	2.34	0.46	2.55	1.78	64.29	ppb
Lead	206-1	0.03	0.03	0.02	0.02	22.84	ppb
Lead	207-1	0.05	0.05	0.05	0.05	0.80	ppb
Lead	208-1	0.03	0.03	0.04	0.03	3.66	ppb
Lithium	6-1						%
Magnesium	24-2	-0.10	-0.06	-0.17	-0.11		ppb
Manganese	55-2	-0.02	0.00	-0.06	-0.02		ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:16:55	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.06	0.06	0.06	5.86	ppb
Molybdenum	95-1	0.05	0.05	0.02	0.04	46.07	ppb
Molybdenum	96-1	0.05	0.05	0.06	0.05	10.03	ppb
Molybdenum	97-1	0.04	0.05	0.05	0.05	20.30	ppb
Molybdenum	98-1	0.05	0.04	0.03	0.04	15.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00		ppb
Phosphorus	31-2	-18.93	25.95	-4.42	0.87	2645.81	ppb
Potassium	39-2	11.17	19.93	-1.47	9.88	108.92	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	3.32	0.00	1.11	173.21	ppb
Selenium	78-2	-0.61	-0.61	0.50	-0.24		ppb
Selenium	82-1	-0.18	0.14	0.89	0.28	196.05	ppb
Silicon	28-1	-12.54	-15.40	-15.09	-14.34		ppb
Silver	109-1	0.05	0.05	0.05	0.05	7.23	ppb
Silver	107-1	0.04	0.05	0.06	0.05	15.78	ppb
Sodium	23-2	25.15	31.94	20.44	25.84	22.37	ppb
Strontium	86-1	0.09	0.03	0.01	0.04	89.17	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	17.94	ppb
Sulfur	34-1	-1763.20	-1787.01	-1865.68	-1805.30		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.04	0.06	0.05	25.25	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	4.46	ppb
Tin	118-1	0.05	0.08	0.07	0.07	19.42	ppb
Titanium	47-1	-0.02	-0.04	0.03	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.03	0.01	94.88	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.19	0.37	0.28	0.28	32.10	ppb
Zirconium	90-1	0.05	0.04	0.05	0.05	11.47	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:16:55	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.08	0.06	0.06	24.01	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-03DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW02DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:20:03	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.35	1.99	4.30	3.55	38.00	ppb
Antimony	121-1	0.15	0.13	0.14	0.14	8.43	ppb
Arsenic	75-2	0.02	0.00	-0.03	0.00		ppb
Barium	135-1	3.03	2.97	2.85	2.95	3.09	ppb
Barium	137-1	2.98	3.01	2.94	2.98	1.23	ppb
Beryllium	9-1	0.07	0.05	0.07	0.07	16.60	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	11.04	9.79	10.14	10.32	6.28	ppb
Boron	11-1	11.01	11.36	11.17	11.18	1.57	ppb
Cadmium	111-1	0.07	0.00	0.02	0.03	131.63	ppb
Cadmium	106-1	0.78	-0.23	0.25	0.27	187.41	ppb
Cadmium	108-1	0.08	-0.07	0.02	0.01	711.76	ppb
Calcium	43-1	3883.21	3884.64	3749.81	3839.22	2.02	ppb
Calcium	44-1	3966.74	3949.37	3841.14	3919.08	1.74	ppb
Chromium	52-2	0.03	0.06	0.12	0.07	65.60	ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.02		ppb
Copper	63-2	0.36	0.33	0.35	0.35	3.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.96	1.61	1.70	1.76	10.51	ppb
Iron	57-2	2.39	1.90	5.22	3.17	56.56	ppb
Lead	206-1	0.02	0.03	0.02	0.02	27.82	ppb
Lead	207-1	0.05	0.02	0.03	0.03	49.04	ppb
Lead	208-1	0.03	0.03	0.02	0.03	15.31	ppb
Lithium	6-1						%
Magnesium	24-2	587.08	566.18	564.40	572.55	2.20	ppb
Manganese	55-2	1.63	1.31	1.34	1.43	12.31	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-03DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW02DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:20:03	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.03	0.03	0.02	20.56	ppb
Molybdenum	95-1	0.00	0.01	0.01	0.01	128.63	ppb
Molybdenum	96-1	0.02	0.03	0.03	0.03	22.57	ppb
Molybdenum	97-1	0.02	0.05	0.03	0.03	47.89	ppb
Molybdenum	98-1	0.01	0.00	0.02	0.01	73.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.04	-0.05	0.02	358.38	ppb
Phosphorus	31-2	10.92	-4.47	25.46	10.64	140.71	ppb
Potassium	39-2	52.35	5.79	36.90	31.68	74.85	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.62	-0.61	-1.17	-0.80		ppb
Selenium	82-1	0.63	-0.47	-0.46	-0.10		ppb
Silicon	28-1	244.43	252.29	231.33	242.68	4.36	ppb
Silver	109-1	0.11	0.10	0.12	0.11	7.90	ppb
Silver	107-1	0.11	0.11	0.10	0.10	6.39	ppb
Sodium	23-2	193.93	181.02	190.71	188.55	3.56	ppb
Strontium	86-1	24.43	24.62	24.01	24.35	1.29	ppb
Strontium	88-1	24.22	24.76	24.03	24.34	1.56	ppb
Sulfur	34-1	-1220.93	-967.11	-1528.34	-1238.79		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.05	0.02	0.04	36.38	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	22.45	ppb
Tin	118-1	0.30	0.18	0.18	0.22	31.82	ppb
Titanium	47-1	-0.01	0.05	0.01	0.02	180.55	ppb
Uranium	238-1	0.07	0.07	0.06	0.07	3.52	ppb
Vanadium	51-2	0.02	0.02	0.03	0.02	34.76	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.61	0.60	0.48	0.56	12.33	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	16.04	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-03DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW02DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:20:03	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.01	0.02	0.02	32.83	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-04DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW01DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:23:10	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.96	2.06	6.50	3.17	92.48	ppb
Antimony	121-1	0.14	0.18	0.16	0.16	11.53	ppb
Arsenic	75-2	0.09	0.09	0.05	0.08	30.88	ppb
Barium	135-1	3.68	3.85	3.64	3.72	3.00	ppb
Barium	137-1	3.90	3.57	3.88	3.78	4.96	ppb
Beryllium	9-1	0.05	0.07	0.06	0.06	16.77	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.05	9.04	8.67	8.58	5.83	ppb
Boron	11-1	8.50	8.91	8.32	8.57	3.50	ppb
Cadmium	111-1	-0.01	-0.02	-0.06	-0.03		ppb
Cadmium	106-1	-0.19	-0.30	-0.76	-0.42		ppb
Cadmium	108-1	-0.04	-0.04	0.02	-0.02		ppb
Calcium	43-1	3916.86	3954.66	3899.81	3923.78	0.72	ppb
Calcium	44-1	3959.26	4111.94	4080.69	4050.63	1.99	ppb
Chromium	52-2	0.18	0.20	0.20	0.19	4.80	ppb
Cobalt	59-2	0.07	0.08	0.07	0.07	7.24	ppb
Copper	63-2	0.33	0.35	0.30	0.32	8.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	158.19	157.50	156.61	157.44	0.50	ppb
Iron	57-2	171.80	156.95	173.70	167.48	5.48	ppb
Lead	206-1	0.03	0.01	0.02	0.02	37.93	ppb
Lead	207-1	0.03	0.05	0.02	0.03	47.29	ppb
Lead	208-1	0.03	0.03	0.02	0.03	8.96	ppb
Lithium	6-1						%
Magnesium	24-2	441.06	452.91	446.27	446.75	1.33	ppb
Manganese	55-2	56.63	58.38	57.20	57.40	1.55	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-04DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW01DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:23:10	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.03	0.02	0.03	39.42	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.01	47.03	ppb
Molybdenum	96-1	0.04	0.00	0.04	0.03	82.27	ppb
Molybdenum	97-1	0.03	0.00	0.04	0.02	94.85	ppb
Molybdenum	98-1	0.01	0.02	0.01	0.01	62.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.09	0.09	0.07	57.96	ppb
Phosphorus	31-2	-18.93	-4.17	-18.93	-14.01		ppb
Potassium	39-2	45.71	33.27	47.14	42.04	18.14	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.62	-0.06	-0.62	-0.43		ppb
Selenium	82-1	0.32	-0.39	0.36	0.10	440.19	ppb
Silicon	28-1	246.13	248.28	252.56	248.99	1.32	ppb
Silver	109-1	0.08	0.09	0.07	0.08	9.10	ppb
Silver	107-1	0.06	0.08	0.09	0.08	20.13	ppb
Sodium	23-2	168.90	167.50	163.52	166.64	1.68	ppb
Strontium	86-1	23.98	23.67	23.14	23.60	1.79	ppb
Strontium	88-1	23.16	23.97	23.31	23.48	1.83	ppb
Sulfur	34-1	-1528.61	-1368.36	-1475.26	-1457.41		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.01	0.02	0.02	31.69	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	15.27	ppb
Tin	118-1	0.10	0.09	0.09	0.09	8.04	ppb
Titanium	47-1	0.06	0.02	0.07	0.05	48.23	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	12.12	ppb
Vanadium	51-2	0.02	0.01	0.00	0.01	75.85	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.56	0.42	0.52	0.50	14.15	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	26.70	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-04DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW01DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:23:10	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.04	0.02	0.02	65.69	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-05DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-GMZ6-ER2DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:26:18	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.08	3.15	-0.19	1.68	101.77	ppb
Antimony	121-1	0.07	0.09	0.09	0.09	12.13	ppb
Arsenic	75-2	0.01	0.07	-0.03	0.01	345.56	ppb
Barium	135-1	-0.01	0.00	0.01	0.00	448.36	ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.07	0.07	0.08	0.07	5.79	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.91	7.89	7.00	7.60	6.81	ppb
Boron	11-1	6.94	6.80	6.78	6.84	1.25	ppb
Cadmium	111-1	-0.01	-0.06	0.00	-0.02		ppb
Cadmium	106-1	-0.26	-0.95	0.03	-0.39		ppb
Cadmium	108-1	-0.07	-0.07	-0.04	-0.06		ppb
Calcium	43-1	17.47	11.01	7.27	11.92	43.30	ppb
Calcium	44-1	-5.49	-4.90	-0.52	-3.64		ppb
Chromium	52-2	0.16	-0.01	0.04	0.06	133.49	ppb
Cobalt	59-2	-0.02	-0.02	-0.01	-0.02		ppb
Copper	63-2	0.32	0.33	0.29	0.31	7.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.28	0.54	0.35	0.39	34.16	ppb
Iron	57-2	0.75	1.35	-0.60	0.50	200.46	ppb
Lead	206-1	0.00	0.02	0.01	0.01	145.33	ppb
Lead	207-1	0.01	0.02	0.02	0.02	32.04	ppb
Lead	208-1	0.01	0.02	0.02	0.02	50.95	ppb
Lithium	6-1						%
Magnesium	24-2	1.03	1.65	0.47	1.05	56.33	ppb
Manganese	55-2	0.00	0.09	-0.05	0.01	465.35	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-05DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-GMZ6-ER2DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:26:18	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.01	0.01	15.46	ppb
Molybdenum	95-1	-0.01	0.00	-0.01	0.00		ppb
Molybdenum	96-1	0.01	0.00	0.00	0.01	70.35	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	12.99	ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	0.03	-0.01	-0.02		ppb
Phosphorus	31-2	-18.93	-4.24	-4.48	-9.22		ppb
Potassium	39-2	23.25	14.44	-10.58	9.04	194.14	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.17	-0.62	-0.62	-0.80		ppb
Selenium	82-1	-0.10	-0.71	-1.15	-0.65		ppb
Silicon	28-1	-10.47	-13.79	-14.22	-12.83		ppb
Silver	109-1	0.06	0.06	0.06	0.06	2.11	ppb
Silver	107-1	0.05	0.09	0.06	0.07	29.70	ppb
Sodium	23-2	22.99	26.65	17.53	22.39	20.51	ppb
Strontium	86-1	0.00	-0.04	0.03	0.00		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	26.36	ppb
Sulfur	34-1	-1290.48	-1388.68	-943.74	-1207.63		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.02	0.01	44.70	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	24.96	ppb
Tin	118-1	0.00	0.02	0.00	0.01	122.56	ppb
Titanium	47-1	0.11	0.00	0.02	0.04	139.45	ppb
Uranium	238-1	0.00	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	0.00	0.01	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.49	0.27	0.35	0.37	29.83	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	32.70	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-05DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-GMZ6-ER2DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:26:18	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.01	0.02	53.36	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-06DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW05DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:29:26	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.31	4.32	6.44	5.02	24.43	ppb
Antimony	121-1	0.09	0.11	0.11	0.10	12.06	ppb
Arsenic	75-2	0.22	0.38	0.33	0.31	26.85	ppb
Barium	135-1	3.85	4.00	3.92	3.92	1.86	ppb
Barium	137-1	3.90	4.06	3.86	3.94	2.63	ppb
Beryllium	9-1	0.05	0.05	0.02	0.04	43.82	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.83	6.06	6.70	6.20	7.29	ppb
Boron	11-1	5.99	5.97	5.70	5.89	2.72	ppb
Cadmium	111-1	0.04	0.02	-0.06	0.00	1646.05	ppb
Cadmium	106-1	0.56	0.36	-0.78	0.05	1536.87	ppb
Cadmium	108-1	-0.07	0.05	-0.04	-0.02		ppb
Calcium	43-1	4940.23	4990.69	5050.00	4993.64	1.10	ppb
Calcium	44-1	5158.36	5128.93	5164.67	5150.65	0.37	ppb
Chromium	52-2	0.17	0.09	0.03	0.10	73.99	ppb
Cobalt	59-2	0.08	0.10	0.06	0.08	21.15	ppb
Copper	63-2	0.33	0.26	0.27	0.29	12.27	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	228.79	228.89	226.97	228.22	0.48	ppb
Iron	57-2	249.34	241.43	232.45	241.07	3.51	ppb
Lead	206-1	0.02	0.03	0.02	0.02	38.61	ppb
Lead	207-1	0.02	0.00	0.00	0.01	202.13	ppb
Lead	208-1	0.01	0.01	0.01	0.01	11.44	ppb
Lithium	6-1						%
Magnesium	24-2	477.72	478.49	447.97	468.06	3.72	ppb
Manganese	55-2	43.61	44.29	44.54	44.15	1.10	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-06DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW05DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:29:26	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.02	0.03	0.02	26.67	ppb
Molybdenum	95-1	0.01	-0.01	-0.01	0.00		ppb
Molybdenum	96-1	0.02	0.00	0.02	0.01	69.23	ppb
Molybdenum	97-1	0.04	0.02	0.04	0.03	42.56	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	75.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.12	0.03	0.10	55.91	ppb
Phosphorus	31-2	25.49	10.78	10.31	15.53	55.61	ppb
Potassium	39-2	35.95	28.53	48.15	37.54	26.40	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.62	-0.06	-0.07	0.49	196.68	ppb
Selenium	82-1	-0.16	0.32	-0.23	-0.02		ppb
Silicon	28-1	273.77	277.61	280.41	277.26	1.20	ppb
Silver	109-1	0.06	0.04	0.07	0.05	21.47	ppb
Silver	107-1	0.03	0.04	0.05	0.04	23.39	ppb
Sodium	23-2	122.67	125.36	117.36	121.80	3.34	ppb
Strontium	86-1	25.65	25.57	25.65	25.62	0.17	ppb
Strontium	88-1	26.23	26.15	25.77	26.05	0.94	ppb
Sulfur	34-1	-1521.30	-1611.99	-1254.17	-1462.49		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.01	0.01	36.50	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	29.95	ppb
Tin	118-1	0.01	-0.01	-0.01	0.00		ppb
Titanium	47-1	0.03	0.01	0.06	0.04	65.27	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	40.17	ppb
Vanadium	51-2	0.04	0.02	0.00	0.02	121.98	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.54	0.53	0.59	0.55	6.11	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	60.54	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-06DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW05DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:29:26	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.02	0.02	26.90	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-07DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW05-9001DI	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:32:33	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.11	2.11	6.74	3.65	73.09	ppb
Antimony	121-1	0.12	0.12	0.11	0.11	4.52	ppb
Arsenic	75-2	0.57	0.41	0.22	0.40	43.30	ppb
Barium	135-1	5.02	4.73	4.62	4.79	4.27	ppb
Barium	137-1	4.70	4.94	4.54	4.73	4.24	ppb
Beryllium	9-1	0.04	0.02	0.08	0.05	66.20	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.40	4.50	4.80	5.23	19.51	ppb
Boron	11-1	4.78	5.72	4.75	5.08	10.83	ppb
Cadmium	111-1	-0.06	0.03	-0.08	-0.04		ppb
Cadmium	106-1	-0.72	0.38	-1.06	-0.46		ppb
Cadmium	108-1	0.05	-0.04	-0.04	-0.01		ppb
Calcium	43-1	6398.91	6198.18	6168.45	6255.18	2.00	ppb
Calcium	44-1	6467.13	6375.94	6386.92	6410.00	0.78	ppb
Chromium	52-2	0.10	0.09	0.14	0.11	24.72	ppb
Cobalt	59-2	0.10	0.10	0.08	0.09	10.18	ppb
Copper	63-2	0.33	0.32	0.36	0.34	6.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	288.48	282.38	291.68	287.51	1.64	ppb
Iron	57-2	300.33	286.74	284.53	290.53	2.94	ppb
Lead	206-1	-0.02	0.01	-0.01	0.00		ppb
Lead	207-1	0.01	0.01	0.00	0.01	58.16	ppb
Lead	208-1	0.01	0.01	0.00	0.01	38.41	ppb
Lithium	6-1						%
Magnesium	24-2	586.31	579.07	571.80	579.06	1.25	ppb
Manganese	55-2	56.35	54.18	54.05	54.86	2.36	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-07DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW05-9001DI	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:32:33	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.03	0.02	0.02	18.84	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	506.47	ppb
Molybdenum	96-1	0.01	0.03	0.01	0.02	58.40	ppb
Molybdenum	97-1	0.02	0.03	0.02	0.03	21.43	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	94.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.10	0.09	0.11	26.43	ppb
Phosphorus	31-2	-18.93	-3.93	-18.93	-13.93		ppb
Potassium	39-2	45.49	39.13	40.96	41.86	7.82	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.69	0.00	6.76	4.48	86.61	ppb
Selenium	78-2	-0.05	-1.17	-0.60	-0.61		ppb
Selenium	82-1	-0.70	-0.42	0.08	-0.35		ppb
Silicon	28-1	357.21	348.22	354.43	353.29	1.30	ppb
Silver	109-1	0.07	0.07	0.05	0.06	15.23	ppb
Silver	107-1	0.06	0.05	0.05	0.05	6.89	ppb
Sodium	23-2	155.97	149.64	157.31	154.31	2.65	ppb
Strontium	86-1	32.62	32.57	31.94	32.37	1.16	ppb
Strontium	88-1	33.19	33.03	32.76	33.00	0.65	ppb
Sulfur	34-1	-1127.76	-1374.21	-1332.62	-1278.20		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.01	0.01	46.55	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	22.65	ppb
Tin	118-1	0.02	0.01	0.01	0.01	31.94	ppb
Titanium	47-1	-0.04	0.03	0.11	0.04	202.50	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	27.75	ppb
Vanadium	51-2	0.02	0.04	0.02	0.02	41.59	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.28	0.38	0.34	0.33	15.23	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	16.10	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-07DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW05-9001DI	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:32:33	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.02	0.02	14.17	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:35:40	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.30	4.22	2.06	3.52	36.01	ppb
Antimony	121-1	0.08	0.09	0.09	0.08	8.43	ppb
Arsenic	75-2	0.06	0.22	0.17	0.15	52.45	ppb
Barium	135-1	4.35	4.14	4.59	4.36	5.16	ppb
Barium	137-1	4.44	4.25	4.61	4.43	4.10	ppb
Beryllium	9-1	0.05	0.03	0.02	0.03	46.52	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.40	3.43	3.16	3.66	17.74	ppb
Boron	11-1	4.96	4.47	4.14	4.52	9.18	ppb
Cadmium	111-1	-0.06	-0.03	-0.03	-0.04		ppb
Cadmium	106-1	-0.81	-0.41	-0.28	-0.50		ppb
Cadmium	108-1	-0.04	-0.04	0.02	-0.02		ppb
Calcium	43-1	4951.74	4758.35	4812.34	4840.81	2.06	ppb
Calcium	44-1	5040.80	4968.74	4935.88	4981.81	1.08	ppb
Chromium	52-2	0.20	0.02	0.07	0.10	89.75	ppb
Cobalt	59-2	0.12	0.14	0.14	0.13	8.42	ppb
Copper	63-2	0.28	0.28	0.28	0.28	0.91	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	177.43	171.79	176.85	175.36	1.77	ppb
Iron	57-2	168.60	186.10	170.32	175.01	5.51	ppb
Lead	206-1	0.01	0.03	0.00	0.01	132.15	ppb
Lead	207-1	0.03	0.01	0.02	0.02	50.73	ppb
Lead	208-1	0.02	0.02	0.02	0.02	11.55	ppb
Lithium	6-1						%
Magnesium	24-2	445.24	454.96	442.06	447.42	1.50	ppb
Manganese	55-2	45.41	42.86	44.82	44.36	3.01	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:35:40	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.03	0.00	0.02	72.82	ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	18.00	ppb
Molybdenum	97-1	0.04	0.02	0.01	0.02	67.53	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	123.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.10	0.11	0.12	24.73	ppb
Phosphorus	31-2	-18.93	-4.36	25.36	0.69	3259.17	ppb
Potassium	39-2	36.68	35.52	22.05	31.42	25.90	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.13	-0.61	-1.17	0.12	1499.51	ppb
Selenium	82-1	0.68	-0.73	0.18	0.04	1629.08	ppb
Silicon	28-1	248.99	237.64	241.52	242.72	2.38	ppb
Silver	109-1	0.04	0.06	0.04	0.05	21.66	ppb
Silver	107-1	0.04	0.03	0.03	0.03	9.85	ppb
Sodium	23-2	143.07	142.36	142.82	142.75	0.25	ppb
Strontium	86-1	25.08	25.23	24.83	25.05	0.80	ppb
Strontium	88-1	25.30	25.04	25.19	25.18	0.51	ppb
Sulfur	34-1	-847.44	-1157.09	-992.39	-998.98		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.00	0.01	113.54	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	62.55	ppb
Tin	118-1	0.00	-0.01	0.00	0.00		ppb
Titanium	47-1	0.04	0.05	0.08	0.06	32.59	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	12.21	ppb
Vanadium	51-2	0.01	0.03	0.01	0.02	75.38	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.31	0.15	0.09	0.18	60.45	ppb
Zirconium	90-1	0.05	0.02	0.02	0.03	62.47	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:35:40	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.01	0.03	0.03	70.33	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:38:48	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.20	4.15	5.05	3.00	93.45	ppb
Antimony	121-1	0.08	0.07	0.06	0.07	13.91	ppb
Arsenic	75-2	0.08	0.10	0.11	0.10	19.89	ppb
Barium	135-1	4.37	4.26	4.26	4.30	1.43	ppb
Barium	137-1	4.35	4.33	4.41	4.36	1.04	ppb
Beryllium	9-1	0.00	0.00	0.05	0.02	141.20	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.10	3.83	3.26	3.40	11.40	ppb
Boron	11-1	3.33	3.80	3.84	3.66	7.69	ppb
Cadmium	111-1	-0.05	0.03	-0.01	-0.01		ppb
Cadmium	106-1	-0.66	0.43	-0.12	-0.12		ppb
Cadmium	108-1	-0.04	-0.07	-0.04	-0.05		ppb
Calcium	43-1	5006.92	4826.66	4784.26	4872.61	2.43	ppb
Calcium	44-1	5015.82	5006.68	4853.42	4958.64	1.84	ppb
Chromium	52-2	0.02	0.20	0.10	0.11	85.60	ppb
Cobalt	59-2	0.15	0.13	0.13	0.14	7.11	ppb
Copper	63-2	0.29	0.27	0.29	0.28	3.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	184.92	183.20	174.73	180.95	3.01	ppb
Iron	57-2	178.55	188.94	180.79	182.76	2.99	ppb
Lead	206-1	0.04	-0.01	0.01	0.01	194.12	ppb
Lead	207-1	0.01	0.02	0.02	0.01	13.45	ppb
Lead	208-1	0.02	0.01	0.01	0.02	10.04	ppb
Lithium	6-1						%
Magnesium	24-2	441.98	437.05	429.91	436.31	1.39	ppb
Manganese	55-2	46.59	45.39	44.92	45.64	1.89	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:38:48	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.02	0.01	41.75	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.01	0.00	0.01	0.00	109.07	ppb
Molybdenum	97-1	0.02	0.02	0.01	0.01	37.32	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.03	0.01	0.04	75.99	ppb
Phosphorus	31-2	24.35	-18.93	9.04	4.82	455.04	ppb
Potassium	39-2	30.80	20.11	28.27	26.40	21.17	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	3.22	0.00	1.07	173.21	ppb
Selenium	78-2	-0.08	-0.63	-0.10	-0.27		ppb
Selenium	82-1	-0.36	-0.91	0.36	-0.30		ppb
Silicon	28-1	245.73	243.56	231.45	240.24	3.20	ppb
Silver	109-1	0.04	0.03	0.06	0.04	29.29	ppb
Silver	107-1	0.03	0.03	0.03	0.03	10.97	ppb
Sodium	23-2	150.08	148.08	135.65	144.60	5.41	ppb
Strontium	86-1	24.35	25.02	24.71	24.69	1.36	ppb
Strontium	88-1	25.63	25.18	25.10	25.30	1.12	ppb
Sulfur	34-1	-1226.32	-1188.35	-1541.67	-1318.78		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.01	0.01	41.46	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	40.26	ppb
Tin	118-1	-0.01	0.02	0.01	0.01	191.09	ppb
Titanium	47-1	0.06	-0.02	-0.02	0.01	854.95	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	7.92	ppb
Vanadium	51-2	0.03	0.02	0.00	0.02	123.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.49	0.50	0.21	0.40	41.53	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	40.02	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:38:48	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.03	0.02	27.14	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08LDLX100	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-08-04 17:41:55	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.08	5.34	1.98	3.13	60.99	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	27.01	ppb
Arsenic	75-2	-0.03	0.01	0.06	0.01	362.26	ppb
Barium	135-1	0.84	0.83	0.74	0.80	6.93	ppb
Barium	137-1	0.79	0.84	0.83	0.82	3.02	ppb
Beryllium	9-1	0.01	0.03	-0.02	0.01	327.90	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.33	3.31	3.50	3.38	3.19	ppb
Boron	11-1	2.96	2.94	2.64	2.85	6.36	ppb
Cadmium	111-1	0.02	-0.01	-0.11	-0.03		ppb
Cadmium	106-1	0.19	-0.13	-1.51	-0.48		ppb
Cadmium	108-1	-0.04	-0.07	0.02	-0.03		ppb
Calcium	43-1	908.69	999.79	947.44	951.97	4.80	ppb
Calcium	44-1	927.98	984.63	922.38	945.00	3.64	ppb
Chromium	52-2	0.21	0.16	0.08	0.15	44.83	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	35.08	ppb
Copper	63-2	0.13	0.18	0.13	0.15	20.62	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	35.56	33.54	34.73	34.61	2.94	ppb
Iron	57-2	44.19	38.03	40.52	40.91	7.57	ppb
Lead	206-1	-0.01	0.02	0.02	0.01	140.94	ppb
Lead	207-1	0.02	0.00	-0.01	0.00	402.40	ppb
Lead	208-1	0.02	0.02	0.01	0.02	27.38	ppb
Lithium	6-1						%
Magnesium	24-2	85.21	84.20	82.43	83.95	1.68	ppb
Manganese	55-2	8.53	8.85	8.77	8.72	1.89	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08LDLX100	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-08-04 17:41:55	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.14	0.02	0.06	127.19	ppb
Molybdenum	95-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	96-1	0.01	0.02	-0.01	0.01	205.87	ppb
Molybdenum	97-1	0.03	0.02	0.02	0.02	25.75	ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.02	-0.03	0.03	208.12	ppb
Phosphorus	31-2	-18.93	-4.31	-4.53	-9.25		ppb
Potassium	39-2	0.41	-7.42	-0.45	-2.49		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.27	0.00	0.00	1.09	173.21	ppb
Selenium	78-2	-0.07	-0.07	-0.08	-0.08		ppb
Selenium	82-1	-1.11	-0.19	-0.10	-0.47		ppb
Silicon	28-1	46.79	54.42	48.54	49.92	8.00	ppb
Silver	109-1	0.01	0.02	0.02	0.02	42.50	ppb
Silver	107-1	0.00	0.00	0.00	0.00	8.01	ppb
Sodium	23-2	33.86	27.19	24.96	28.67	16.15	ppb
Strontium	86-1	4.84	5.11	4.98	4.98	2.79	ppb
Strontium	88-1	4.80	5.03	4.86	4.90	2.38	ppb
Sulfur	34-1	-938.89	-191.60	-619.34	-583.27		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.01	0.01	57.53	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	17.98	ppb
Tin	118-1	-0.02	-0.01	-0.01	-0.01		ppb
Titanium	47-1	0.00	0.03	0.02	0.02	109.33	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	156.86	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.33	0.27	0.20	0.27	24.45	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	326.45	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08LDLX100	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-08-04 17:41:55	DataFile Name :	049SMPL.d

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

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-09DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:45:04	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	496.97	473.26	477.61	482.61	2.62	ppb
Antimony	121-1	25.75	25.10	25.16	25.34	1.42	ppb
Arsenic	75-2	25.01	27.03	26.35	26.13	3.93	ppb
Barium	135-1	126.12	125.53	123.78	125.14	0.97	ppb
Barium	137-1	127.80	126.26	126.20	126.75	0.71	ppb
Beryllium	9-1	26.32	26.42	25.79	26.18	1.29	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	25.48	24.76	27.03	25.76	4.50	ppb
Boron	11-1	25.11	26.47	26.69	26.09	3.28	ppb
Cadmium	111-1	25.31	24.58	25.12	25.00	1.51	ppb
Cadmium	106-1	24.98	22.71	24.37	24.02	4.90	ppb
Cadmium	108-1	26.26	26.71	25.87	26.28	1.60	ppb
Calcium	43-1	7346.83	7335.88	7363.45	7348.72	0.19	ppb
Calcium	44-1	7526.05	7430.99	7583.84	7513.63	1.03	ppb
Chromium	52-2	27.55	27.31	27.24	27.37	0.59	ppb
Cobalt	59-2	27.74	27.69	27.97	27.80	0.54	ppb
Copper	63-2	54.14	54.46	54.46	54.35	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1507.14	1490.19	1488.63	1495.32	0.69	ppb
Iron	57-2	1503.73	1483.26	1476.64	1487.88	0.95	ppb
Lead	206-1	26.05	25.01	24.85	25.30	2.59	ppb
Lead	207-1	25.16	25.01	24.83	25.00	0.66	ppb
Lead	208-1	25.60	25.30	24.82	25.24	1.55	ppb
Lithium	6-1						%
Magnesium	24-2	3067.89	3029.53	3036.78	3044.74	0.67	ppb
Manganese	55-2	95.18	94.17	95.12	94.83	0.60	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-09DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:45:04	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	25.32	25.81	25.77	25.63	1.07	ppb
Molybdenum	95-1	24.66	25.01	24.73	24.80	0.74	ppb
Molybdenum	96-1	24.92	25.59	25.08	25.20	1.39	ppb
Molybdenum	97-1	24.92	25.67	25.00	25.19	1.63	ppb
Molybdenum	98-1	24.97	25.58	25.51	25.35	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.20	28.26	28.44	28.63	1.75	ppb
Phosphorus	31-2	-18.93	-4.75	-4.71	-9.46		ppb
Potassium	39-2	1293.19	1242.40	1250.28	1261.96	2.17	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	22.33	32.25	25.63	26.74	18.90	ppb
Selenium	78-2	28.21	25.84	25.66	26.57	5.36	ppb
Selenium	82-1	26.48	27.03	25.84	26.45	2.25	ppb
Silicon	28-1	270.37	269.62	269.20	269.73	0.22	ppb
Silver	109-1	25.03	24.58	24.57	24.73	1.05	ppb
Silver	107-1	24.87	24.76	24.51	24.71	0.75	ppb
Sodium	23-2	2827.85	2819.36	2784.69	2810.63	0.81	ppb
Strontium	86-1	24.68	25.51	25.58	25.26	1.98	ppb
Strontium	88-1	25.28	25.91	25.53	25.57	1.23	ppb
Sulfur	34-1	-1074.11	-1272.04	-1116.06	-1154.07		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	26.03	25.59	25.31	25.64	1.42	ppb
Thallium	205-1	26.85	26.18	25.87	26.30	1.89	ppb
Tin	118-1	24.86	23.97	24.15	24.33	1.93	ppb
Titanium	47-1	24.49	24.08	25.64	24.74	3.27	ppb
Uranium	238-1	25.37	25.32	25.07	25.26	0.63	ppb
Vanadium	51-2	26.61	26.05	26.79	26.48	1.46	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	52.86	53.75	52.59	53.07	1.15	ppb
Zirconium	90-1	25.81	25.84	25.57	25.74	0.57	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-09DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:45:04	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	25.29	25.82	25.14	25.42	1.40	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-10DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:48:11	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	462.13	462.28	512.84	479.08	6.10	ppb
Antimony	121-1	25.20	25.45	25.90	25.52	1.39	ppb
Arsenic	75-2	25.34	25.99	25.13	25.49	1.77	ppb
Barium	135-1	124.97	126.03	127.63	126.21	1.06	ppb
Barium	137-1	126.52	127.88	129.34	127.91	1.10	ppb
Beryllium	9-1	26.00	26.27	27.11	26.46	2.20	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	24.07	29.24	25.59	26.30	10.09	ppb
Boron	11-1	25.44	26.01	28.02	26.49	5.12	ppb
Cadmium	111-1	25.17	25.74	25.92	25.61	1.53	ppb
Cadmium	106-1	25.32	26.40	26.80	26.17	2.94	ppb
Cadmium	108-1	26.38	25.55	26.28	26.07	1.72	ppb
Calcium	43-1	7382.16	7486.79	7574.00	7480.99	1.28	ppb
Calcium	44-1	7619.39	7547.24	7657.66	7608.10	0.74	ppb
Chromium	52-2	28.09	27.49	27.28	27.62	1.51	ppb
Cobalt	59-2	28.19	28.47	27.98	28.21	0.87	ppb
Copper	63-2	55.15	56.31	54.71	55.39	1.49	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1510.04	1500.46	1488.79	1499.76	0.71	ppb
Iron	57-2	1502.64	1500.92	1489.38	1497.65	0.48	ppb
Lead	206-1	25.32	25.86	25.64	25.61	1.07	ppb
Lead	207-1	25.45	25.25	25.68	25.46	0.85	ppb
Lead	208-1	25.65	25.81	25.97	25.81	0.62	ppb
Lithium	6-1						%
Magnesium	24-2	3034.03	3017.65	2992.14	3014.61	0.70	ppb
Manganese	55-2	94.62	94.63	96.54	95.26	1.16	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-10DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:48:11	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	25.78	25.20	26.12	25.70	1.81	ppb
Molybdenum	95-1	25.09	24.88	25.54	25.17	1.33	ppb
Molybdenum	96-1	25.20	24.83	25.76	25.26	1.84	ppb
Molybdenum	97-1	25.04	24.83	25.71	25.19	1.82	ppb
Molybdenum	98-1	25.15	24.75	25.42	25.11	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.32	29.11	28.41	28.61	1.51	ppb
Phosphorus	31-2	-4.82	-18.93	-4.89	-9.55		ppb
Potassium	39-2	1251.71	1249.71	1228.94	1243.45	1.01	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	22.27	25.61	18.99	22.29	14.85	ppb
Selenium	78-2	29.21	26.18	33.82	29.73	12.95	ppb
Selenium	82-1	26.83	26.91	27.21	26.98	0.75	ppb
Silicon	28-1	273.37	266.44	273.39	271.07	1.48	ppb
Silver	109-1	25.35	25.25	25.56	25.39	0.62	ppb
Silver	107-1	24.81	25.33	25.23	25.12	1.09	ppb
Sodium	23-2	2842.58	2827.35	2789.66	2819.86	0.97	ppb
Strontium	86-1	25.37	24.52	25.59	25.16	2.24	ppb
Strontium	88-1	25.44	25.11	25.86	25.47	1.48	ppb
Sulfur	34-1	-1001.50	-1184.98	-1021.33	-1069.27		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	25.78	26.19	26.74	26.24	1.83	ppb
Thallium	205-1	26.44	27.21	27.34	27.00	1.79	ppb
Tin	118-1	24.08	24.68	24.78	24.51	1.56	ppb
Titanium	47-1	25.32	24.79	26.87	25.66	4.22	ppb
Uranium	238-1	25.45	25.57	26.06	25.69	1.26	ppb
Vanadium	51-2	26.63	26.85	26.48	26.66	0.69	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	53.92	52.54	54.54	53.67	1.91	ppb
Zirconium	90-1	25.88	25.37	26.39	25.88	1.98	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-10DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:48:11	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	25.63	25.72	25.88	25.74	0.49	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:51:18	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48277.37	48328.40	48022.43	48209.40	0.34	ppb
Antimony	121-1	474.56	472.27	467.70	471.51	0.74	ppb
Arsenic	75-2	488.05	489.20	486.45	487.90	0.28	ppb
Barium	135-1	2437.59	2385.67	2406.34	2409.87	1.08	ppb
Barium	137-1	2439.52	2374.64	2407.54	2407.23	1.35	ppb
Beryllium	9-1	507.69	485.05	500.80	497.85	2.33	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	490.88	478.92	497.87	489.23	1.96	ppb
Boron	11-1	486.68	475.34	493.47	485.17	1.89	ppb
Cadmium	111-1	461.95	453.42	456.52	457.29	0.94	ppb
Cadmium	106-1	463.70	457.20	456.97	459.29	0.83	ppb
Cadmium	108-1	464.68	450.26	461.93	458.96	1.67	ppb
Calcium	43-1	236544.29	229602.52	229661.25	231936.02	1.72	ppb
Calcium	44-1	234094.57	227918.13	225868.18	229293.63	1.87	ppb
Chromium	52-2	515.54	517.10	510.87	514.50	0.63	ppb
Cobalt	59-2	508.77	515.98	503.10	509.29	1.27	ppb
Copper	63-2	1033.55	1047.46	1015.38	1032.13	1.56	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	124860.14	125850.41	123382.81	124697.79	1.00	ppb
Iron	57-2	127004.33	127992.42	124461.37	126486.04	1.44	ppb
Lead	206-1	510.43	498.51	507.32	505.42	1.22	ppb
Lead	207-1	514.84	503.27	503.05	507.05	1.33	ppb
Lead	208-1	515.30	502.61	502.93	506.95	1.43	ppb
Lithium	6-1						%
Magnesium	24-2	244191.18	245837.11	241294.23	243774.17	0.94	ppb
Manganese	55-2	987.14	991.31	976.41	984.95	0.78	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:51:18	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	519.08	509.78	516.20	515.02	0.92	ppb
Molybdenum	95-1	521.62	506.58	518.32	515.51	1.53	ppb
Molybdenum	96-1	526.29	514.22	513.70	518.07	1.37	ppb
Molybdenum	97-1	508.24	499.69	506.50	504.81	0.90	ppb
Molybdenum	98-1	525.24	514.31	516.31	518.62	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.21	517.45	505.55	513.40	1.33	ppb
Phosphorus	31-2	9957.24	10459.25	9523.56	9980.02	4.69	ppb
Potassium	39-2	121635.64	121027.15	119611.72	120758.17	0.86	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	423.89	453.06	490.93	455.96	7.37	ppb
Selenium	78-2	447.17	478.66	488.36	471.40	4.57	ppb
Selenium	82-1	496.64	487.93	487.64	490.74	1.04	ppb
Silicon	28-1	510.29	505.18	506.50	507.32	0.52	ppb
Silver	109-1	472.16	461.24	468.72	467.38	1.19	ppb
Silver	107-1	470.95	458.03	462.09	463.69	1.43	ppb
Sodium	23-2	251444.26	250533.28	249361.10	250446.21	0.42	ppb
Strontium	86-1	521.12	506.21	508.64	511.99	1.56	ppb
Strontium	88-1	522.52	512.55	513.67	516.25	1.06	ppb
Sulfur	34-1	11659.64	10777.74	10818.54	11085.31	4.49	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	513.08	499.94	500.31	504.44	1.48	ppb
Thallium	205-1	512.54	499.75	497.84	503.38	1.59	ppb
Tin	118-1	480.36	473.45	472.94	475.58	0.87	ppb
Titanium	47-1	512.34	495.51	495.05	500.97	1.97	ppb
Uranium	238-1	531.52	521.08	523.06	525.22	1.06	ppb
Vanadium	51-2	510.48	511.26	502.41	508.05	0.96	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	990.37	995.07	968.92	984.79	1.42	ppb
Zirconium	90-1	511.11	502.30	507.53	506.98	0.87	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:51:18	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	515.22	507.89	507.37	510.16	0.86	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:54:16	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.20	1.98	-0.21	0.52	241.32	ppb
Antimony	121-1	0.25	0.20	0.23	0.23	10.64	ppb
Arsenic	75-2	0.01	-0.01	0.04	0.01	162.58	ppb
Barium	135-1	0.16	0.05	0.01	0.07	109.80	ppb
Barium	137-1	0.19	0.03	0.00	0.07	137.59	ppb
Beryllium	9-1	0.10	0.08	0.06	0.08	22.39	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	14.29	13.56	11.25	13.03	12.17	ppb
Boron	11-1	13.25	12.87	10.94	12.35	10.00	ppb
Cadmium	111-1	0.10	-0.02	-0.08	0.00		ppb
Cadmium	106-1	0.53	-0.45	-1.41	-0.44		ppb
Cadmium	108-1	0.05	-0.01	-0.07	-0.01		ppb
Calcium	43-1	18.55	1.46	-22.20	-0.73		ppb
Calcium	44-1	5.27	-10.31	-14.07	-6.37		ppb
Chromium	52-2	0.10	0.13	-0.11	0.04	325.59	ppb
Cobalt	59-2	0.00	-0.02	-0.02	-0.01		ppb
Copper	63-2	0.18	0.17	0.17	0.17	1.94	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.93	0.87	0.75	0.85	10.95	ppb
Iron	57-2	2.80	2.50	1.80	2.37	21.65	ppb
Lead	206-1	0.08	0.03	0.02	0.04	67.13	ppb
Lead	207-1	0.07	0.03	0.03	0.05	50.29	ppb
Lead	208-1	0.08	0.03	0.04	0.05	56.62	ppb
Lithium	6-1						%
Magnesium	24-2	-0.64	0.89	0.83	0.36	240.00	ppb
Manganese	55-2	0.03	0.02	0.00	0.02	72.43	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:54:16	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.07	0.05	0.07	32.77	ppb
Molybdenum	95-1	0.08	0.05	0.04	0.06	35.34	ppb
Molybdenum	96-1	0.10	0.06	0.05	0.07	34.95	ppb
Molybdenum	97-1	0.08	0.04	0.06	0.06	33.85	ppb
Molybdenum	98-1	0.09	0.06	0.03	0.06	48.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.04	-0.05	-0.01		ppb
Phosphorus	31-2	-18.93	-18.93	9.48	-9.46		ppb
Potassium	39-2	2.50	13.19	-5.02	3.56	257.31	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.63	-1.17	-1.17	-0.99		ppb
Selenium	82-1	0.20	-0.40	-0.77	-0.32		ppb
Silicon	28-1	-13.31	-12.36	-12.61	-12.76		ppb
Silver	109-1	0.08	0.05	0.04	0.06	31.14	ppb
Silver	107-1	0.08	0.05	0.04	0.06	37.19	ppb
Sodium	23-2	31.43	24.17	17.25	24.29	29.19	ppb
Strontium	86-1	0.03	0.05	0.02	0.04	43.24	ppb
Strontium	88-1	0.03	0.01	0.01	0.02	92.81	ppb
Sulfur	34-1	-1409.19	-1534.57	-1558.33	-1500.70		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.12	0.06	0.06	0.08	41.80	ppb
Thallium	205-1	0.10	0.07	0.05	0.07	37.00	ppb
Tin	118-1	0.14	0.12	0.08	0.11	28.81	ppb
Titanium	47-1	-0.02	0.00	0.00	-0.01		ppb
Uranium	238-1	0.04	0.01	0.00	0.01	162.72	ppb
Vanadium	51-2	0.02	0.01	0.01	0.02	32.07	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.28	0.09	0.12	0.16	62.28	ppb
Zirconium	90-1	0.10	0.07	0.06	0.08	28.73	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:54:16	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.30	0.07	0.06	0.14	97.00	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08ADLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:57:23	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	471.64	533.42	458.33	487.79	8.21	ppb
Antimony	121-1	24.82	24.90	25.08	24.93	0.55	ppb
Arsenic	75-2	26.89	25.79	25.39	26.03	2.99	ppb
Barium	135-1	123.96	122.98	124.15	123.70	0.51	ppb
Barium	137-1	125.20	125.82	124.82	125.28	0.40	ppb
Beryllium	9-1	26.39	26.77	25.93	26.36	1.61	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	28.09	32.21	32.39	30.90	7.87	ppb
Boron	11-1	28.89	29.09	29.86	29.28	1.74	ppb
Cadmium	111-1	24.98	24.74	24.89	24.87	0.51	ppb
Cadmium	106-1	25.65	26.02	24.72	25.46	2.63	ppb
Cadmium	108-1	27.04	24.76	26.81	26.21	4.79	ppb
Calcium	43-1	7421.64	7197.16	7195.23	7271.34	1.79	ppb
Calcium	44-1	7563.49	7422.46	7233.29	7406.41	2.24	ppb
Chromium	52-2	27.21	27.80	26.48	27.16	2.44	ppb
Cobalt	59-2	27.54	27.94	27.13	27.54	1.46	ppb
Copper	63-2	54.02	55.27	53.83	54.38	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1472.53	1480.65	1452.28	1468.49	1.00	ppb
Iron	57-2	1489.52	1484.71	1456.93	1477.05	1.19	ppb
Lead	206-1	25.25	25.08	25.39	25.24	0.62	ppb
Lead	207-1	24.66	25.19	24.80	24.88	1.11	ppb
Lead	208-1	25.15	25.22	25.27	25.21	0.24	ppb
Lithium	6-1						%
Magnesium	24-2	2976.99	3054.68	3000.78	3010.82	1.32	ppb
Manganese	55-2	92.76	95.65	92.52	93.64	1.86	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08ADLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:57:23	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	25.23	25.78	25.60	25.54	1.09	ppb
Molybdenum	95-1	24.96	24.66	24.08	24.57	1.82	ppb
Molybdenum	96-1	24.98	25.00	24.78	24.92	0.49	ppb
Molybdenum	97-1	24.84	24.92	25.30	25.02	0.98	ppb
Molybdenum	98-1	25.53	25.21	24.93	25.22	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.25	28.81	28.22	28.42	1.18	ppb
Phosphorus	31-2	-4.70	-4.57	-18.93	-9.40		ppb
Potassium	39-2	1266.66	1261.58	1247.16	1258.47	0.80	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	16.01	19.35	15.98	17.11	11.33	ppb
Selenium	78-2	27.78	25.30	27.73	26.94	5.26	ppb
Selenium	82-1	26.21	26.98	25.78	26.32	2.31	ppb
Silicon	28-1	272.90	266.30	264.06	267.75	1.72	ppb
Silver	109-1	24.69	24.67	24.51	24.62	0.40	ppb
Silver	107-1	24.63	24.65	24.47	24.58	0.40	ppb
Sodium	23-2	2801.21	2812.51	2823.60	2812.44	0.40	ppb
Strontium	86-1	24.90	25.66	25.06	25.21	1.58	ppb
Strontium	88-1	25.22	25.41	24.95	25.19	0.93	ppb
Sulfur	34-1	-1389.40	-1456.97	-1762.17	-1536.18		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	26.11	25.64	25.49	25.74	1.27	ppb
Thallium	205-1	26.69	26.31	26.07	26.36	1.18	ppb
Tin	118-1	23.81	24.22	24.18	24.07	0.93	ppb
Titanium	47-1	24.71	23.71	24.35	24.26	2.09	ppb
Uranium	238-1	25.46	25.04	25.30	25.27	0.84	ppb
Vanadium	51-2	25.44	26.71	25.88	26.01	2.47	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	51.52	53.33	53.03	52.63	1.84	ppb
Zirconium	90-1	25.69	25.95	25.32	25.65	1.24	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08ADLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:57:23	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	25.06	25.47	25.41	25.31	0.86	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4535-01DLX20	Instrumnet Name :	P8
Client Sample ID :	TRC-MW-101IDL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 18:00:31	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48.88	58.77	60.24	55.96	11.04	ppb
Antimony	121-1	0.09	0.10	0.09	0.10	3.39	ppb
Arsenic	75-2	0.12	0.09	0.22	0.14	46.81	ppb
Barium	135-1	7.63	7.85	7.72	7.73	1.41	ppb
Barium	137-1	7.57	7.58	7.77	7.64	1.44	ppb
Beryllium	9-1	0.04	0.04	0.05	0.04	15.47	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	25.06	27.10	27.46	26.54	4.88	ppb
Boron	11-1	25.80	27.33	26.93	26.69	2.97	ppb
Cadmium	111-1	0.00	-0.08	-0.04	-0.04		ppb
Cadmium	106-1	-0.15	-1.30	-0.58	-0.68		ppb
Cadmium	108-1	0.02	-0.07	0.02	-0.01		ppb
Calcium	43-1	4163.79	4188.78	4314.06	4222.21	1.91	ppb
Calcium	44-1	4331.41	4325.50	4406.99	4354.63	1.04	ppb
Chromium	52-2	1.09	1.39	1.32	1.27	12.26	ppb
Cobalt	59-2	0.06	0.05	0.05	0.06	15.20	ppb
Copper	63-2	1.21	1.17	1.17	1.18	1.94	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	112.70	112.78	111.37	112.29	0.71	ppb
Iron	57-2	116.88	117.65	125.66	120.06	4.05	ppb
Lead	206-1	0.74	0.80	0.80	0.78	4.11	ppb
Lead	207-1	0.69	0.74	0.75	0.73	4.98	ppb
Lead	208-1	0.72	0.74	0.78	0.75	3.96	ppb
Lithium	6-1						%
Magnesium	24-2	2645.63	2542.99	2565.76	2584.79	2.09	ppb
Manganese	55-2	6.18	5.87	5.84	5.96	3.15	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4535-01DLX20	Instrumnet Name :	P8
Client Sample ID :	TRC-MW-101IDL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 18:00:31	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.05	0.05	0.05	7.73	ppb
Molybdenum	95-1	0.05	0.06	0.07	0.06	15.37	ppb
Molybdenum	96-1	0.08	0.05	0.08	0.07	21.36	ppb
Molybdenum	97-1	0.10	0.09	0.09	0.09	5.60	ppb
Molybdenum	98-1	0.05	0.07	0.06	0.06	10.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.60	0.58	0.55	0.58	4.61	ppb
Phosphorus	31-2	-18.93	38.91	10.18	10.06	287.58	ppb
Potassium	39-2	626.27	631.43	648.13	635.28	1.80	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.63	-0.08	0.48	-0.08		ppb
Selenium	82-1	-0.11	0.60	-0.19	0.10	427.65	ppb
Silicon	28-1	652.94	622.32	633.37	636.21	2.44	ppb
Silver	109-1	0.09	0.11	0.13	0.11	17.54	ppb
Silver	107-1	0.10	0.10	0.10	0.10	4.27	ppb
Sodium	23-2	3128.45	3119.05	3107.16	3118.22	0.34	ppb
Strontium	86-1	25.88	25.97	26.37	26.07	1.01	ppb
Strontium	88-1	26.32	26.47	26.79	26.53	0.91	ppb
Sulfur	34-1	-207.19	-273.13	-43.28	-174.53		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.04	0.02	0.03	33.64	ppb
Thallium	205-1	0.02	0.03	0.03	0.02	10.90	ppb
Tin	118-1	0.08	0.10	0.10	0.09	15.94	ppb
Titanium	47-1	2.17	2.57	2.65	2.46	10.42	ppb
Uranium	238-1	0.11	0.12	0.10	0.11	9.85	ppb
Vanadium	51-2	0.27	0.28	0.26	0.27	3.63	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5.63	4.78	4.80	5.07	9.59	ppb
Zirconium	90-1	0.05	0.04	0.05	0.05	13.27	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4535-01DLX20	Instrumnet Name :	P8
Client Sample ID :	TRC-MW-101IDL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 18:00:31	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.05	0.02	0.04	52.78	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4535-02DLX20	Instrumnet Name :	P8
Client Sample ID :	TRC-MW-101DDL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 18:03:38	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56.05	72.61	83.58	70.75	19.59	ppb
Antimony	121-1	0.09	0.09	0.09	0.09	2.89	ppb
Arsenic	75-2	0.23	0.32	0.25	0.27	17.23	ppb
Barium	135-1	6.37	6.84	6.39	6.53	4.07	ppb
Barium	137-1	6.50	7.16	6.73	6.80	4.93	ppb
Beryllium	9-1	0.09	0.01	0.05	0.05	84.18	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.66	21.03	22.03	21.57	2.34	ppb
Boron	11-1	21.86	21.72	21.25	21.61	1.48	ppb
Cadmium	111-1	0.00	-0.04	-0.07	-0.03		ppb
Cadmium	106-1	-0.10	-0.66	-1.14	-0.64		ppb
Cadmium	108-1	-0.01	-0.01	0.02	0.00	1138.13	ppb
Calcium	43-1	3224.43	3209.87	3279.91	3238.07	1.14	ppb
Calcium	44-1	3286.84	3345.99	3312.21	3315.02	0.90	ppb
Chromium	52-2	0.20	0.30	0.36	0.29	27.98	ppb
Cobalt	59-2	0.08	0.09	0.10	0.09	10.49	ppb
Copper	63-2	1.12	1.15	1.13	1.13	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	109.41	112.11	110.23	110.58	1.25	ppb
Iron	57-2	105.37	108.13	94.46	102.65	7.05	ppb
Lead	206-1	0.92	0.99	0.97	0.96	3.70	ppb
Lead	207-1	0.86	0.92	0.89	0.89	3.75	ppb
Lead	208-1	0.90	0.92	0.91	0.91	0.84	ppb
Lithium	6-1						%
Magnesium	24-2	3126.23	3155.34	3092.10	3124.55	1.01	ppb
Manganese	55-2	19.19	19.26	18.59	19.01	1.95	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4535-02DLX20	Instrumnet Name :	P8
Client Sample ID :	TRC-MW-101DDL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 18:03:38	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.03	0.06	0.05	33.10	ppb
Molybdenum	95-1	0.02	0.02	0.01	0.02	13.07	ppb
Molybdenum	96-1	0.03	0.05	0.04	0.04	17.71	ppb
Molybdenum	97-1	0.01	0.04	0.02	0.02	48.23	ppb
Molybdenum	98-1	0.01	0.03	0.03	0.02	38.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.25	0.24	0.25	5.76	ppb
Phosphorus	31-2	-4.61	54.12	23.75	24.42	120.25	ppb
Potassium	39-2	1077.10	1098.24	1075.10	1083.48	1.18	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	3.30	0.00	1.10	173.21	ppb
Selenium	78-2	-1.17	-0.62	-0.08	-0.62		ppb
Selenium	82-1	-0.62	-0.11	0.10	-0.21		ppb
Silicon	28-1	515.06	515.69	532.03	520.92	1.85	ppb
Silver	109-1	0.08	0.09	0.10	0.09	9.57	ppb
Silver	107-1	0.07	0.08	0.07	0.07	12.70	ppb
Sodium	23-2	19631.69	19810.21	19389.98	19610.63	1.08	ppb
Strontium	86-1	41.17	41.07	41.29	41.18	0.28	ppb
Strontium	88-1	40.96	42.16	41.70	41.61	1.45	ppb
Sulfur	34-1	789.35	946.33	790.86	842.18	10.71	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.01	0.02	37.25	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	10.51	ppb
Tin	118-1	0.07	0.06	0.07	0.07	10.38	ppb
Titanium	47-1	2.61	3.33	2.49	2.81	16.03	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	12.31	ppb
Vanadium	51-2	0.16	0.23	0.23	0.21	18.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.80	8.90	8.82	8.84	0.61	ppb
Zirconium	90-1	0.05	0.04	0.07	0.05	26.66	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4535-02DLX20	Instrumnet Name :	P8
Client Sample ID :	TRC-MW-101DDL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 18:03:38	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.05	0.25	0.12	90.80	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 18:06:45	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48249.28	47783.15	47429.34	47820.59	0.86	ppb
Antimony	121-1	472.99	463.17	474.78	470.31	1.33	ppb
Arsenic	75-2	492.08	481.68	491.72	488.49	1.21	ppb
Barium	135-1	2406.63	2367.41	2386.66	2386.90	0.82	ppb
Barium	137-1	2418.59	2367.30	2383.88	2389.92	1.10	ppb
Beryllium	9-1	501.03	504.89	497.97	501.30	0.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	483.83	494.07	498.09	492.00	1.49	ppb
Boron	11-1	482.65	492.66	494.10	489.80	1.27	ppb
Cadmium	111-1	453.37	447.60	453.19	451.39	0.73	ppb
Cadmium	106-1	454.43	453.41	454.74	454.19	0.15	ppb
Cadmium	108-1	454.25	456.61	452.65	454.50	0.44	ppb
Calcium	43-1	231090.38	230488.72	231845.77	231141.62	0.29	ppb
Calcium	44-1	230049.12	230639.80	230355.39	230348.11	0.13	ppb
Chromium	52-2	508.74	508.50	501.25	506.16	0.84	ppb
Cobalt	59-2	506.46	505.34	495.42	502.41	1.21	ppb
Copper	63-2	1030.56	1010.98	1008.46	1016.66	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	124183.78	122510.48	121838.93	122844.40	0.98	ppb
Iron	57-2	125769.05	123678.36	122880.93	124109.44	1.20	ppb
Lead	206-1	513.34	503.44	507.84	508.21	0.98	ppb
Lead	207-1	513.62	508.73	508.09	510.14	0.59	ppb
Lead	208-1	513.92	511.51	508.70	511.38	0.51	ppb
Lithium	6-1						%
Magnesium	24-2	242544.49	241703.91	240211.38	241486.59	0.49	ppb
Manganese	55-2	982.16	973.81	958.27	971.41	1.25	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 18:06:45	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	517.29	514.83	515.89	516.01	0.24	ppb
Molybdenum	95-1	513.97	520.49	516.82	517.09	0.63	ppb
Molybdenum	96-1	515.08	521.75	506.78	514.53	1.46	ppb
Molybdenum	97-1	503.87	509.62	500.84	504.78	0.88	ppb
Molybdenum	98-1	518.21	516.38	512.93	515.84	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.54	509.81	501.53	508.29	1.21	ppb
Phosphorus	31-2	9889.90	10313.07	10116.39	10106.45	2.10	ppb
Potassium	39-2	121035.27	119415.07	118358.37	119602.90	1.13	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	409.79	443.18	407.17	420.05	4.78	ppb
Selenium	78-2	488.51	467.46	464.82	473.60	2.74	ppb
Selenium	82-1	485.03	490.09	486.29	487.14	0.54	ppb
Silicon	28-1	509.31	516.40	506.24	510.65	1.02	ppb
Silver	109-1	465.71	454.24	456.42	458.79	1.33	ppb
Silver	107-1	459.82	456.68	458.73	458.41	0.35	ppb
Sodium	23-2	250107.40	249538.93	247602.84	249083.06	0.53	ppb
Strontium	86-1	507.32	514.42	505.93	509.23	0.89	ppb
Strontium	88-1	514.93	517.53	517.70	516.72	0.30	ppb
Sulfur	34-1	11237.79	11077.93	11089.66	11135.13	0.80	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	511.31	512.65	499.78	507.91	1.39	ppb
Thallium	205-1	507.71	509.57	498.81	505.36	1.14	ppb
Tin	118-1	470.66	469.77	477.20	472.54	0.86	ppb
Titanium	47-1	499.04	497.09	502.82	499.65	0.58	ppb
Uranium	238-1	530.00	517.92	523.05	523.66	1.16	ppb
Vanadium	51-2	506.71	503.38	496.41	502.16	1.05	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	965.46	969.14	966.68	967.09	0.19	ppb
Zirconium	90-1	509.28	501.37	498.04	502.90	1.15	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 18:06:45	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	512.09	507.34	500.56	506.66	1.14	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 18:09:43	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.91	-1.28	2.00	0.54	309.42	ppb
Antimony	121-1	0.17	0.18	0.19	0.18	6.64	ppb
Arsenic	75-2	0.01	0.01	-0.02	0.00		ppb
Barium	135-1	0.00	0.01	-0.02	0.00		ppb
Barium	137-1	0.00	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.08	0.07	0.05	0.07	24.73	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	14.18	12.55	12.57	13.10	7.14	ppb
Boron	11-1	13.55	11.90	11.89	12.45	7.70	ppb
Cadmium	111-1	-0.02	-0.06	0.05	-0.01		ppb
Cadmium	106-1	-0.35	-1.00	0.54	-0.27		ppb
Cadmium	108-1	0.04	0.10	0.02	0.05	79.53	ppb
Calcium	43-1	-17.41	-19.32	-5.55	-14.10		ppb
Calcium	44-1	-12.41	-11.59	-12.16	-12.05		ppb
Chromium	52-2	0.02	0.12	-0.06	0.03	321.62	ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.18	0.16	0.16	0.17	8.75	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.71	0.85	0.41	0.66	34.76	ppb
Iron	57-2	0.98	0.32	2.53	1.28	89.31	ppb
Lead	206-1	0.03	0.03	0.07	0.04	45.47	ppb
Lead	207-1	0.05	0.04	0.03	0.04	30.26	ppb
Lead	208-1	0.04	0.03	0.05	0.04	16.25	ppb
Lithium	6-1						%
Magnesium	24-2	0.93	1.54	0.70	1.05	41.23	ppb
Manganese	55-2	-0.06	0.04	0.00	-0.01		ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 18:09:43	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.07	0.06	0.06	16.64	ppb
Molybdenum	95-1	0.04	0.05	0.04	0.04	14.98	ppb
Molybdenum	96-1	0.04	0.06	0.04	0.04	29.86	ppb
Molybdenum	97-1	0.03	0.04	0.03	0.03	8.71	ppb
Molybdenum	98-1	0.04	0.03	0.03	0.04	18.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.04	0.07	0.02	242.17	ppb
Phosphorus	31-2	-18.93	9.85	10.04	0.32	5188.73	ppb
Potassium	39-2	7.01	8.12	7.80	7.64	7.45	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	3.20	0.00	1.07	173.21	ppb
Selenium	78-2	0.44	1.52	-1.17	0.26	516.30	ppb
Selenium	82-1	0.19	1.14	0.61	0.65	73.78	ppb
Silicon	28-1	-15.83	-14.54	-14.30	-14.89		ppb
Silver	109-1	0.05	0.05	0.03	0.04	33.22	ppb
Silver	107-1	0.04	0.03	0.02	0.03	20.68	ppb
Sodium	23-2	29.22	28.21	29.86	29.10	2.86	ppb
Strontium	86-1	-0.02	0.05	0.03	0.02	169.11	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1470.27	-1768.54	-1808.22	-1682.35		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.05	0.06	0.06	13.12	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	4.78	ppb
Tin	118-1	0.09	0.09	0.06	0.08	21.57	ppb
Titanium	47-1	-0.03	-0.03	-0.03	-0.03		ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	2529.70	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.34	0.11	0.07	0.17	84.63	ppb
Zirconium	90-1	0.06	0.06	0.05	0.05	8.97	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 18:09:43	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.08	0.03	0.05	45.00	ppb

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:16:10	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	25	8	11	114.58	cps
Antimony	121-1	83	83	67	78	12.37	cps
Arsenic	75-2	11	0	9	7	87.67	cps
Barium	135-1	25	25	33	28	17.31	cps
Barium	137-1	75	92	50	72	29.04	cps
Beryllium	9-1	89	128	133	117	20.76	cps
Bismuth	209-1	3708698	3798482	3807005	3771395	1.44	cps
Bismuth	209-2	1540502	1563510	1526838	1543617	1.20	cps
Boron	10-1	250	308	275	278	10.54	cps
Boron	11-1	1392	1242	1383	1339	6.30	cps
Cadmium	111-1	953	785	857	865	9.72	cps
Cadmium	106-1	1342	1108	1217	1222	9.55	cps
Cadmium	108-1	4	4	17	8	86.57	cps
Calcium	43-1	2667	2642	2559	2623	2.16	cps
Calcium	44-1	50333	51755	49505	50531	2.25	cps
Chromium	52-2	1120	1040	1007	1056	5.52	cps
Cobalt	59-2	70	73	93	79	16.00	cps
Copper	63-2	230	247	217	231	6.50	cps
Dysprosium	156-1	8	17	42	22	78.07	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	25	42	33	25.01	cps
Erbium	164-2	10	13	0	8	89.21	cps
Gadolinium	160-1	42	17	33	31	41.66	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	6189697	6464543	6448765	6367668	2.42	cps
Holmium	165-2	2087056	2082964	2071689	2080570	0.38	cps
Indium	115-1	6037991	6188273	6248664	6158310	1.76	cps
Indium	115-2	399143	399057	392460	396887	0.97	cps
Iron	56-2	3134	2928	2823	2962	5.34	cps
Iron	57-2	78	78	50	69	23.41	cps
Lead	206-1	389	294	394	359	15.64	cps
Lead	207-1	328	244	283	285	14.62	cps
Lead	208-1	1495	1217	1272	1328	11.07	cps
Lithium	6-1	1132924	1158868	1179061	1156951	2.00	cps
Magnesium	24-2	192	175	108	158	27.85	cps
Manganese	55-2	53	77	77	69	19.56	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:16:10	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	117	142	250	169	41.83	cps
Molybdenum	95-1	58	50	33	47	26.95	cps
Molybdenum	96-1	67	67	142	92	47.24	cps
Molybdenum	97-1	108	42	75	75	44.44	cps
Molybdenum	98-1	67	100	42	69	42.14	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	153	123	150	142	11.56	cps
Phosphorus	31-2	0	8	42	17	132.30	cps
Potassium	39-2	4117	3642	4293	4017	8.37	cps
Rhodium	103-1	5807631	6128720	5964120	5966823	2.69	cps
Rhodium	103-2	2048911	2073919	2036628	2053153	0.93	cps
Scandium	45-1	4046627	4233941	4252934	4177834	2.73	cps
Scandium	45-2	44658	45166	45370	45064	0.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	2	6	4	49.54	cps
Selenium	82-1	-32	-26	-85	-48	-67.93	cps
Silicon	28-1	422089	417189	414778	418019	0.89	cps
Silver	109-1	258	192	217	222	15.16	cps
Silver	107-1	442	325	283	350	23.46	cps
Sodium	23-2	7852	8253	7494	7866	4.83	cps
Strontium	86-1	1267	1292	1217	1258	3.03	cps
Strontium	88-1	208	200	183	197	6.46	cps
Sulfur	34-1	404391	401136	400348	401958	0.53	cps
Terbium	159-1	6630623	6827766	6887075	6781821	1.98	cps
Terbium	159-2	2052237	2091096	2033823	2059052	1.42	cps
Thallium	203-1	67	67	58	64	7.53	cps
Thallium	205-1	150	117	175	147	19.88	cps
Tin	118-1	783	708	800	764	6.39	cps
Titanium	47-1	192	167	150	169	12.38	cps
Uranium	238-1	200	108	108	139	38.10	cps
Vanadium	51-2	17	10	7	11	45.82	cps
Yttrium	89-1	6613730	6866846	6846868	6775815	2.08	cps
Yttrium	89-2	292833	296728	293321	294294	0.72	cps
Zinc	66-2	33	43	40	39	13.09	cps
Zirconium	90-1	483	492	425	467	7.78	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:16:10	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	58	75	94	51.70	cps

LB Number : LB89292 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-04 15:23:05 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	208	208	186	20.68	cps
Antimony	121-1	15585	15727	15977	15763	1.26	cps
Arsenic	75-2	144	128	126	133	7.69	cps
Barium	135-1	15468	14559	14734	14920	3.23	cps
Barium	137-1	26978	26143	26611	26577	1.58	cps
Beryllium	9-1	1356	1450	1461	1422	4.08	cps
Bismuth	209-1	3729633	3654661	3663797	3682697	1.11	cps
Bismuth	209-2	1543088	1558330	1558470	1553296	0.57	cps
Boron	10-1	3642	4051	3751	3815	5.55	cps
Boron	11-1	17478	17820	18504	17934	2.91	cps
Cadmium	111-1	2696	2587	2678	2654	2.19	cps
Cadmium	106-1	1592	1634	1567	1597	2.11	cps
Cadmium	108-1	133	146	158	146	8.57	cps
Calcium	43-1	12231	12431	12189	12284	1.05	cps
Calcium	44-1	210890	209880	210711	210494	0.26	cps
Chromium	52-2	3417	3584	3514	3505	2.39	cps
Cobalt	59-2	2204	2584	2284	2357	8.50	cps
Copper	63-2	4654	4467	4557	4560	2.05	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	25	33	33	25.01	cps
Erbium	164-2	7	13	7	9	43.25	cps
Gadolinium	160-1	58	67	58	61	7.87	cps
Gadolinium	160-2	3	17	3	8	99.04	cps
Holmium	165-1	6421666	6389967	6364119	6391917	0.45	cps
Holmium	165-2	2106696	2108379	2102616	2105897	0.14	cps
Indium	115-1	6258613	6203244	6203704	6221854	0.51	cps
Indium	115-2	402333	400769	403542	402215	0.35	cps
Iron	56-2	38582	40353	39217	39384	2.28	cps
Iron	57-2	989	967	972	976	1.18	cps
Lead	206-1	5774	5585	5707	5688	1.68	cps
Lead	207-1	5151	5079	4818	5016	3.50	cps
Lead	208-1	22508	22553	21986	22349	1.41	cps
Lithium	6-1	1161638	1166307	1157002	1161649	0.40	cps
Magnesium	24-2	19439	18763	19497	19233	2.12	cps
Manganese	55-2	373	463	417	418	10.77	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:23:05	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13791	14116	14216	14041	1.58	cps
Molybdenum	95-1	17370	16961	16961	17098	1.38	cps
Molybdenum	96-1	18914	19031	18497	18814	1.49	cps
Molybdenum	97-1	10488	10705	10446	10546	1.32	cps
Molybdenum	98-1	27120	26218	26869	26736	1.74	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	857	817	860	844	2.86	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	16686	16068	16611	16455	2.05	cps
Rhodium	103-1	6027485	6068369	6030333	6042062	0.38	cps
Rhodium	103-2	2056139	2043844	2077074	2059019	0.82	cps
Scandium	45-1	4214570	4274491	4183704	4224255	1.09	cps
Scandium	45-2	46771	45888	46035	46231	1.02	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	20	13	20	18	23.90	cps
Selenium	82-1	545	487	524	519	5.67	cps
Silicon	28-1	465476	456510	460812	460933	0.97	cps
Silver	109-1	7252	7753	7919	7641	4.54	cps
Silver	107-1	7919	8953	8253	8375	6.30	cps
Sodium	23-2	55258	54371	55434	55021	1.03	cps
Strontium	86-1	4034	3534	3909	3826	6.80	cps
Strontium	88-1	20516	20408	19823	20249	1.84	cps
Sulfur	34-1	402456	406117	407335	405303	0.63	cps
Terbium	159-1	6790107	6820059	6798334	6802833	0.23	cps
Terbium	159-2	2061307	2080635	2068163	2070035	0.47	cps
Thallium	203-1	5093	4768	4951	4937	3.30	cps
Thallium	205-1	11648	11422	11764	11611	1.50	cps
Tin	118-1	27446	27696	27772	27638	0.62	cps
Titanium	47-1	4843	5276	5285	5135	4.92	cps
Uranium	238-1	13408	13842	13558	13603	1.62	cps
Vanadium	51-2	3891	4117	4044	4017	2.88	cps
Yttrium	89-1	6860219	6910194	6819119	6863178	0.66	cps
Yttrium	89-2	298614	300068	300396	299692	0.32	cps
Zinc	66-2	420	533	483	479	11.86	cps
Zirconium	90-1	12139	12448	12181	12256	1.37	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:23:05	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3017	2559	2692	2756	8.56	cps

LB Number : LB89292 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-04 15:26:33 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9037	8945	8386	8789	4.00	cps
Antimony	121-1	442529	442123	438562	441071	0.49	cps
Arsenic	75-2	7626	7189	7447	7421	2.96	cps
Barium	135-1	445918	439838	437020	440925	1.03	cps
Barium	137-1	765414	755735	755629	758926	0.74	cps
Beryllium	9-1	73621	73890	73174	73562	0.49	cps
Bismuth	209-1	3792973	3765989	3793315	3784092	0.41	cps
Bismuth	209-2	1606096	1593019	1629585	1609567	1.15	cps
Boron	10-1	8586	9262	8611	8820	4.34	cps
Boron	11-1	39280	40391	41494	40388	2.74	cps
Cadmium	111-1	102167	100112	98925	100401	1.63	cps
Cadmium	106-1	11772	11080	11647	11500	3.21	cps
Cadmium	108-1	6831	6827	6931	6863	0.86	cps
Calcium	43-1	116086	116254	114833	115724	0.67	cps
Calcium	44-1	1951157	1922865	1911818	1928613	1.05	cps
Chromium	52-2	63741	63624	63597	63654	0.12	cps
Cobalt	59-2	128593	127705	128405	128234	0.36	cps
Copper	63-2	219172	219304	219720	219399	0.13	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	50	8	58	39	68.89	cps
Erbium	164-2	7	13	0	7	99.98	cps
Gadolinium	160-1	58	92	42	64	39.85	cps
Gadolinium	160-2	17	7	23	16	53.90	cps
Holmium	165-1	6495240	6554922	6410141	6486768	1.12	cps
Holmium	165-2	2162480	2121132	2195211	2159608	1.72	cps
Indium	115-1	6338737	6190775	6204010	6244507	1.31	cps
Indium	115-2	410193	407443	413203	410280	0.70	cps
Iron	56-2	2143081	2137266	2171686	2150678	0.86	cps
Iron	57-2	52561	53073	53341	52992	0.75	cps
Lead	206-1	212563	217829	214753	215049	1.23	cps
Lead	207-1	194694	194603	194955	194751	0.09	cps
Lead	208-1	868317	876276	871346	871979	0.46	cps
Lithium	6-1	1183347	1189399	1157363	1176703	1.45	cps
Magnesium	24-2	220211	219967	223356	221178	0.85	cps
Manganese	55-2	36939	36461	36374	36591	0.83	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:26:33	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	367004	373099	363138	367747	1.37	cps
Molybdenum	95-1	198778	197629	196751	197719	0.51	cps
Molybdenum	96-1	257846	249862	250344	252684	1.77	cps
Molybdenum	97-1	125444	122356	120195	122665	2.15	cps
Molybdenum	98-1	316409	311953	315228	314530	0.73	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	37524	37213	37928	37555	0.96	cps
Phosphorus	31-2	767	658	667	697	8.65	cps
Potassium	39-2	73275	73207	74078	73520	0.66	cps
Rhodium	103-1	6127815	6069166	6003267	6066749	1.03	cps
Rhodium	103-2	2079006	2078987	2083608	2080533	0.13	cps
Scandium	45-1	4249680	4252507	4245350	4249179	0.08	cps
Scandium	45-2	46523	45858	46794	46392	1.04	cps
Selenium	77-2	53	83	67	68	22.18	cps
Selenium	78-2	143	178	169	163	11.19	cps
Selenium	82-1	6455	6485	6334	6424	1.25	cps
Silicon	28-1	673609	671481	667478	670856	0.46	cps
Silver	109-1	465708	469591	463822	466374	0.63	cps
Silver	107-1	493594	492961	489490	492015	0.45	cps
Sodium	23-2	533260	530595	536622	533493	0.57	cps
Strontium	86-1	131546	130351	129383	130427	0.83	cps
Strontium	88-1	1124806	1121731	1107459	1117999	0.83	cps
Sulfur	34-1	437646	438133	432550	436110	0.71	cps
Terbium	159-1	6987154	7006902	6967328	6987128	0.28	cps
Terbium	159-2	2086474	2097659	2108977	2097703	0.54	cps
Thallium	203-1	265138	267510	263358	265335	0.79	cps
Thallium	205-1	631890	633259	628323	631157	0.40	cps
Tin	118-1	304453	307285	307750	306496	0.58	cps
Titanium	47-1	59360	57761	58314	58478	1.39	cps
Uranium	238-1	787646	791015	780711	786457	0.67	cps
Vanadium	51-2	46036	45597	46320	45984	0.79	cps
Yttrium	89-1	6901692	6909920	6868565	6893393	0.32	cps
Yttrium	89-2	304631	303572	306199	304801	0.43	cps
Zinc	66-2	21500	20395	20616	20837	2.81	cps
Zirconium	90-1	708841	725976	706124	713647	1.51	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:26:33	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	155911	158655	154468	156345	1.36	cps

LB Number : LB89292 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-04 15:30:00 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21534	22193	21333	21687	2.07	cps
Antimony	121-1	1124905	1134683	1135686	1131758	0.53	cps
Arsenic	75-2	18620	18275	18462	18453	0.94	cps
Barium	135-1	1128752	1121183	1126295	1125410	0.34	cps
Barium	137-1	1961036	1920044	1957492	1946191	1.17	cps
Beryllium	9-1	184608	185137	185029	184925	0.15	cps
Bismuth	209-1	3819263	3905479	3941976	3888906	1.62	cps
Bismuth	209-2	1625360	1519941	1609783	1585028	3.59	cps
Boron	10-1	21175	22043	22694	21970	3.47	cps
Boron	11-1	99427	99762	101483	100224	1.10	cps
Cadmium	111-1	252050	254877	253442	253456	0.56	cps
Cadmium	106-1	27955	27805	27412	27724	1.01	cps
Cadmium	108-1	17891	17645	17666	17734	0.77	cps
Calcium	43-1	289483	285083	288505	287690	0.80	cps
Calcium	44-1	4715877	4652537	4673322	4680579	0.69	cps
Chromium	52-2	154191	155889	153706	154596	0.74	cps
Cobalt	59-2	318210	320091	313316	317206	1.10	cps
Copper	63-2	542163	546803	534833	541266	1.12	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	17	33	42	31	41.66	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	75	50	100	75	33.34	cps
Gadolinium	160-2	20	13	10	14	35.26	cps
Holmium	165-1	6664851	6671941	6768288	6701693	0.86	cps
Holmium	165-2	2184219	2015301	2124668	2108063	4.06	cps
Indium	115-1	6382219	6398156	6366348	6382241	0.25	cps
Indium	115-2	409222	381644	402117	397661	3.60	cps
Iron	56-2	5200090	5239434	5129623	5189716	1.07	cps
Iron	57-2	130449	130763	131032	130748	0.22	cps
Lead	206-1	557656	548998	548483	551712	0.93	cps
Lead	207-1	503501	494934	499626	499354	0.86	cps
Lead	208-1	2251776	2230302	2251583	2244554	0.55	cps
Lithium	6-1	1195980	1177695	1162871	1178849	1.41	cps
Magnesium	24-2	539799	544288	539483	541190	0.50	cps
Manganese	55-2	91316	92477	90202	91332	1.25	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:30:00	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	939678	949418	941361	943486	0.55	cps
Molybdenum	95-1	500321	505187	503536	503015	0.49	cps
Molybdenum	96-1	633990	641347	642767	639368	0.74	cps
Molybdenum	97-1	312821	315019	312399	313413	0.45	cps
Molybdenum	98-1	807721	798147	807163	804343	0.67	cps
Neodymium	150-1	47	40	47	44	8.66	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	93112	94339	91800	93084	1.36	cps
Phosphorus	31-2	1692	1650	1709	1684	1.78	cps
Potassium	39-2	175310	179068	173964	176114	1.50	cps
Rhodium	103-1	6135055	6157802	6186504	6159787	0.42	cps
Rhodium	103-2	2046665	1917017	2034636	1999439	3.58	cps
Scandium	45-1	4232420	4277087	4310617	4273375	0.92	cps
Scandium	45-2	45922	42682	45430	44678	3.91	cps
Selenium	77-2	127	160	97	128	24.79	cps
Selenium	78-2	474	465	457	465	1.79	cps
Selenium	82-1	16792	16633	16400	16608	1.19	cps
Silicon	28-1	926550	942671	912302	927174	1.64	cps
Silver	109-1	1189584	1195056	1195506	1193382	0.28	cps
Silver	107-1	1257387	1249789	1246831	1251336	0.44	cps
Sodium	23-2	1322825	1338973	1320974	1327591	0.75	cps
Strontium	86-1	332663	331671	334416	332917	0.42	cps
Strontium	88-1	2896945	2881811	2869035	2882597	0.48	cps
Sulfur	34-1	489967	487642	480365	485992	1.03	cps
Terbium	159-1	7096012	7100560	7150371	7115648	0.42	cps
Terbium	159-2	2128914	1995782	2062946	2062548	3.23	cps
Thallium	203-1	687225	689075	688761	688354	0.14	cps
Thallium	205-1	1642909	1617160	1639078	1633049	0.85	cps
Tin	118-1	783090	783914	778440	781815	0.38	cps
Titanium	47-1	148192	149818	150837	149616	0.89	cps
Uranium	238-1	2062733	2055783	2060276	2059597	0.17	cps
Vanadium	51-2	113901	114809	112319	113677	1.11	cps
Yttrium	89-1	7120376	7076927	7078991	7092098	0.35	cps
Yttrium	89-2	303209	284111	299858	295726	3.45	cps
Zinc	66-2	50673	52298	49843	50938	2.45	cps
Zirconium	90-1	1812881	1834322	1840818	1829340	0.80	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:30:00	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	401846	398710	396682	399079	0.65	cps

LB Number : LB89292 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-04 15:33:23 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42958	44521	42314	43264	2.62	cps
Antimony	121-1	2331014	2348363	2328720	2336032	0.46	cps
Arsenic	75-2	37090	37517	37633	37413	0.76	cps
Barium	135-1	2332350	2317660	2357412	2335808	0.86	cps
Barium	137-1	3920887	3995233	4009525	3975215	1.20	cps
Beryllium	9-1	368078	372418	370125	370207	0.59	cps
Bismuth	209-1	4036044	4063688	4054187	4051307	0.35	cps
Bismuth	209-2	1638185	1636942	1652341	1642490	0.52	cps
Boron	10-1	42890	41837	42873	42534	1.42	cps
Boron	11-1	197633	202808	201979	200806	1.38	cps
Cadmium	111-1	510724	510890	509200	510271	0.18	cps
Cadmium	106-1	53750	53951	54285	53995	0.50	cps
Cadmium	108-1	35606	35982	36028	35872	0.65	cps
Calcium	43-1	572417	576009	579377	575934	0.60	cps
Calcium	44-1	9372285	9353764	9258104	9328051	0.66	cps
Chromium	52-2	307935	307315	310565	308605	0.56	cps
Cobalt	59-2	630421	636473	636879	634591	0.57	cps
Copper	63-2	1074349	1080543	1084052	1079648	0.46	cps
Dysprosium	156-1	42	25	25	31	31.50	cps
Dysprosium	156-2	0	13	3	6	124.93	cps
Erbium	164-1	33	42	50	42	20.00	cps
Erbium	164-2	10	13	7	10	33.30	cps
Gadolinium	160-1	75	67	117	86	31.11	cps
Gadolinium	160-2	7	23	17	16	53.90	cps
Holmium	165-1	7001265	6958737	6864901	6941634	1.01	cps
Holmium	165-2	2171826	2184299	2229122	2195083	1.37	cps
Indium	115-1	6379435	6498732	6446170	6441446	0.93	cps
Indium	115-2	401862	401095	411030	404663	1.37	cps
Iron	56-2	10336975	10359803	10371269	10356016	0.17	cps
Iron	57-2	261250	260961	265125	262445	0.89	cps
Lead	206-1	1142978	1137640	1132951	1137856	0.44	cps
Lead	207-1	1019343	1028963	1034278	1027528	0.74	cps
Lead	208-1	4717506	4683730	4698301	4699846	0.36	cps
Lithium	6-1	1177952	1192700	1197672	1189441	0.86	cps
Magnesium	24-2	1073342	1083167	1082686	1079732	0.51	cps
Manganese	55-2	176421	178630	177977	177676	0.64	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:33:23	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1930029	1940641	1921901	1930857	0.49	cps
Molybdenum	95-1	1013964	1023359	1021478	1019600	0.49	cps
Molybdenum	96-1	1296615	1292591	1302512	1297240	0.38	cps
Molybdenum	97-1	633363	631066	635764	633398	0.37	cps
Molybdenum	98-1	1687764	1663031	1642881	1664558	1.35	cps
Neodymium	150-1	87	60	100	82	24.77	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	185270	185791	185957	185673	0.19	cps
Phosphorus	31-2	3526	3267	3242	3345	4.69	cps
Potassium	39-2	345224	348874	349469	347856	0.66	cps
Rhodium	103-1	6201213	6198582	6184226	6194674	0.15	cps
Rhodium	103-2	2022486	2045982	2092028	2053499	1.72	cps
Scandium	45-1	4346189	4299105	4290240	4311844	0.70	cps
Scandium	45-2	45383	45791	46507	45894	1.24	cps
Selenium	77-2	270	307	273	283	7.16	cps
Selenium	78-2	939	974	944	953	1.99	cps
Selenium	82-1	33578	34045	33464	33696	0.91	cps
Silicon	28-1	1417066	1399126	1388738	1401643	1.02	cps
Silver	109-1	2431598	2430199	2414064	2425287	0.40	cps
Silver	107-1	2574668	2566276	2580698	2573881	0.28	cps
Sodium	23-2	2620327	2642927	2665255	2642836	0.85	cps
Strontium	86-1	672935	670334	658531	667267	1.15	cps
Strontium	88-1	5723862	5742450	5633432	5699915	1.02	cps
Sulfur	34-1	569853	569273	568804	569310	0.09	cps
Terbium	159-1	7410595	7418756	7380280	7403210	0.27	cps
Terbium	159-2	2127612	2151387	2147229	2142076	0.59	cps
Thallium	203-1	1415164	1408805	1404471	1409480	0.38	cps
Thallium	205-1	3395916	3416592	3398151	3403553	0.33	cps
Tin	118-1	1624465	1609538	1616255	1616753	0.46	cps
Titanium	47-1	294011	299625	293008	295548	1.21	cps
Uranium	238-1	4289946	4280346	4293237	4287843	0.16	cps
Vanadium	51-2	226540	228638	228157	227778	0.48	cps
Yttrium	89-1	7124368	7135766	7089166	7116433	0.34	cps
Yttrium	89-2	298754	302282	303782	301606	0.86	cps
Zinc	66-2	99950	100790	101410	100717	0.73	cps
Zirconium	90-1	3665159	3669677	3652231	3662356	0.25	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:33:23	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	805316	800618	811705	805880	0.69	cps

LB Number : LB89292 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-04 15:36:40 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83839	84644	85742	84742	1.13	cps
Antimony	121-1	4679113	4660960	4709825	4683299	0.53	cps
Arsenic	75-2	72533	73287	72595	72805	0.58	cps
Barium	135-1	4701996	4767417	4698454	4722622	0.82	cps
Barium	137-1	7969207	8032271	8111155	8037544	0.88	cps
Beryllium	9-1	728822	734326	729623	730924	0.41	cps
Bismuth	209-1	4129983	4124132	4115502	4123206	0.18	cps
Bismuth	209-2	1625388	1267143	1594520	1495683	13.27	cps
Boron	10-1	83821	87877	85797	85832	2.36	cps
Boron	11-1	393564	404614	406405	401528	1.73	cps
Cadmium	111-1	1026931	1028541	1026950	1027474	0.09	cps
Cadmium	106-1	105042	107938	107207	106729	1.41	cps
Cadmium	108-1	73214	73671	71472	72786	1.59	cps
Calcium	43-1	1129557	1138510	1147179	1138415	0.77	cps
Calcium	44-1	18461615	18445654	18356945	18421404	0.31	cps
Chromium	52-2	598464	607845	600409	602239	0.82	cps
Cobalt	59-2	1233779	1239631	1230014	1234474	0.39	cps
Copper	63-2	2107553	2141565	2122543	2123887	0.80	cps
Dysprosium	156-1	108	92	125	108	15.39	cps
Dysprosium	156-2	17	3	23	14	70.51	cps
Erbium	164-1	92	67	25	61	55.11	cps
Erbium	164-2	13	3	10	9	57.30	cps
Gadolinium	160-1	108	75	75	86	22.35	cps
Gadolinium	160-2	17	17	27	20	28.86	cps
Holmium	165-1	7257844	7157737	7110907	7175496	1.05	cps
Holmium	165-2	2178159	1682079	2129114	1996451	13.69	cps
Indium	115-1	6552684	6560174	6478913	6530590	0.69	cps
Indium	115-2	393144	302472	382531	359382	13.79	cps
Iron	56-2	20199406	20383123	20230589	20271039	0.48	cps
Iron	57-2	505602	512548	511524	509891	0.74	cps
Lead	206-1	2401638	2395146	2376895	2391226	0.54	cps
Lead	207-1	2168393	2176745	2196673	2180604	0.67	cps
Lead	208-1	9671701	9725390	9769232	9722108	0.50	cps
Lithium	6-1	1186796	1192872	1189434	1189701	0.26	cps
Magnesium	24-2	2139126	2173724	2149635	2154162	0.82	cps
Manganese	55-2	344391	350217	344723	346444	0.94	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:36:40	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3859817	3885719	3804140	3849892	1.08	cps
Molybdenum	95-1	2107115	2131007	2079200	2105774	1.23	cps
Molybdenum	96-1	2691805	2726728	2657729	2692087	1.28	cps
Molybdenum	97-1	1280833	1276788	1262939	1273520	0.74	cps
Molybdenum	98-1	3327606	3309582	3265561	3300916	0.97	cps
Neodymium	150-1	160	107	120	129	21.54	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	358735	358902	359894	359177	0.17	cps
Phosphorus	31-2	6302	6919	6777	6666	4.85	cps
Potassium	39-2	668340	671697	667412	669150	0.34	cps
Rhodium	103-1	6183366	6130487	6101163	6138339	0.68	cps
Rhodium	103-2	2020056	1557741	1962480	1846759	13.64	cps
Scandium	45-1	4308380	4262952	4337597	4302976	0.87	cps
Scandium	45-2	45126	35481	43518	41375	12.49	cps
Selenium	77-2	633	513	563	570	10.58	cps
Selenium	78-2	1819	1952	1937	1903	3.84	cps
Selenium	82-1	66370	67030	66314	66571	0.60	cps
Silicon	28-1	2322103	2355073	2301571	2326249	1.16	cps
Silver	109-1	4845965	4948774	4852156	4882298	1.18	cps
Silver	107-1	5068432	5152993	5088022	5103149	0.87	cps
Sodium	23-2	5049592	5192849	5112502	5118315	1.40	cps
Strontium	86-1	1330974	1337186	1351997	1340052	0.81	cps
Strontium	88-1	11347290	11485531	11474688	11435836	0.67	cps
Sulfur	34-1	729941	734101	736263	733435	0.44	cps
Terbium	159-1	7620525	7557764	7483559	7553950	0.91	cps
Terbium	159-2	2126348	1635837	2071895	1944693	13.83	cps
Thallium	203-1	3012019	2944154	2976613	2977596	1.14	cps
Thallium	205-1	7000249	6878309	6852312	6910290	1.14	cps
Tin	118-1	3287458	3239852	3279867	3269059	0.78	cps
Titanium	47-1	586144	587452	591272	588289	0.45	cps
Uranium	238-1	8680473	8631719	8695968	8669387	0.39	cps
Vanadium	51-2	444296	448018	448270	446861	0.50	cps
Yttrium	89-1	7251437	7226088	7203233	7226920	0.33	cps
Yttrium	89-2	296521	230000	290724	272415	13.53	cps
Zinc	66-2	196680	196440	196483	196535	0.07	cps
Zirconium	90-1	7290786	7301824	7311363	7301324	0.14	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:36:40	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1653174	1662853	1647243	1654423	0.48	cps

LB Number : LB89292 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-04 15:39:51 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	163649	164897	165699	164748	0.63	cps
Antimony	121-1	9320080	9281787	9322099	9307988	0.24	cps
Arsenic	75-2	142465	142786	143912	143054	0.53	cps
Barium	135-1	9372782	9416715	9489337	9426278	0.62	cps
Barium	137-1	16122030	16162733	16185031	16156598	0.20	cps
Beryllium	9-1	1464074	1449797	1466917	1460263	0.63	cps
Bismuth	209-1	4272381	4203107	4177312	4217600	1.17	cps
Bismuth	209-2	1609393	1612951	1621680	1614674	0.39	cps
Boron	10-1	171784	172406	174365	172852	0.78	cps
Boron	11-1	796369	803718	810019	803368	0.85	cps
Cadmium	111-1	2051545	2070309	2022737	2048197	1.17	cps
Cadmium	106-1	212313	209776	208998	210362	0.82	cps
Cadmium	108-1	143758	142935	141238	142644	0.90	cps
Calcium	43-1	2263626	2251404	2262958	2259329	0.30	cps
Calcium	44-1	36833864	36287596	36192990	36438150	0.95	cps
Chromium	52-2	1166293	1173467	1174672	1171477	0.39	cps
Cobalt	59-2	2429925	2430092	2414381	2424799	0.37	cps
Copper	63-2	4059337	4108706	4097916	4088653	0.63	cps
Dysprosium	156-1	100	150	100	117	24.74	cps
Dysprosium	156-2	23	13	23	20	28.87	cps
Erbium	164-1	33	17	58	36	58.08	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	167	67	125	119	42.05	cps
Gadolinium	160-2	33	17	30	27	33.06	cps
Holmium	165-1	7409173	7255168	7311620	7325320	1.06	cps
Holmium	165-2	2190806	2176817	2185299	2184307	0.32	cps
Indium	115-1	6550662	6434797	6389817	6458425	1.28	cps
Indium	115-2	376070	382270	376194	378178	0.94	cps
Iron	56-2	39601544	39535388	39788405	39641779	0.33	cps
Iron	57-2	991172	1002123	996209	996501	0.55	cps
Lead	206-1	4801389	4760786	4831514	4797896	0.74	cps
Lead	207-1	4391441	4411363	4415561	4406122	0.29	cps
Lead	208-1	19480465	19473418	19437683	19463855	0.12	cps
Lithium	6-1	1207580	1174433	1183500	1188504	1.44	cps
Magnesium	24-2	4102291	4116512	4114657	4111153	0.19	cps
Manganese	55-2	668998	678038	670241	672426	0.73	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:39:51	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7627773	7584806	7689204	7633927	0.69	cps
Molybdenum	95-1	4201640	4140817	4149869	4164109	0.79	cps
Molybdenum	96-1	5333864	5260923	5285051	5293279	0.70	cps
Molybdenum	97-1	2610432	2555989	2589969	2585463	1.06	cps
Molybdenum	98-1	6572074	6599943	6620478	6597498	0.37	cps
Neodymium	150-1	247	393	320	320	22.92	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	691752	697603	696239	695198	0.44	cps
Phosphorus	31-2	12514	12172	12598	12428	1.81	cps
Potassium	39-2	1314934	1307543	1316604	1313027	0.37	cps
Rhodium	103-1	6269039	6083295	6145641	6165992	1.53	cps
Rhodium	103-2	1980022	1960543	1956319	1965628	0.64	cps
Scandium	45-1	4425190	4295304	4315417	4345304	1.61	cps
Scandium	45-2	44236	44637	44474	44449	0.45	cps
Selenium	77-2	1053	1127	1053	1078	3.93	cps
Selenium	78-2	3463	3582	3636	3560	2.48	cps
Selenium	82-1	132092	132781	131620	132164	0.44	cps
Silicon	28-1	4125411	4094878	4070862	4097050	0.67	cps
Silver	109-1	9467361	9475054	9412100	9451505	0.36	cps
Silver	107-1	10000589	10035798	10167284	10067890	0.87	cps
Sodium	23-2	9914155	9866490	9921082	9900576	0.30	cps
Strontium	86-1	2689843	2639143	2648374	2659120	1.02	cps
Strontium	88-1	22894226	22551693	22707653	22717857	0.75	cps
Sulfur	34-1	943782	950950	956318	950350	0.66	cps
Terbium	159-1	7877191	7729856	7636374	7747807	1.57	cps
Terbium	159-2	2106444	2137766	2123973	2122728	0.74	cps
Thallium	203-1	5975038	5991650	6002826	5989838	0.23	cps
Thallium	205-1	13952183	13905800	13970519	13942834	0.24	cps
Tin	118-1	6484615	6427746	6435791	6449384	0.48	cps
Titanium	47-1	1181487	1172711	1173105	1175768	0.42	cps
Uranium	238-1	17863137	17886385	17678739	17809421	0.64	cps
Vanadium	51-2	870956	879041	878064	876021	0.50	cps
Yttrium	89-1	7405862	7139581	7229395	7258279	1.87	cps
Yttrium	89-2	291176	292662	288360	290733	0.75	cps
Zinc	66-2	379536	381575	384451	381854	0.65	cps
Zirconium	90-1	14767282	14504738	14739558	14670526	0.98	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:39:51	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3285464	3285616	3265681	3278920	0.35	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:42:58	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	847115	846925	857218	850419	0.69	cps
Antimony	121-1	21877	22036	22378	22097	1.16	cps
Arsenic	75-2	104	72	70	82	22.82	cps
Barium	135-1	4893	5093	4976	4987	2.02	cps
Barium	137-1	8486	8978	8870	8778	2.95	cps
Beryllium	9-1	650	556	711	639	12.27	cps
Bismuth	209-1	4020786	3956716	4015959	3997821	0.89	cps
Bismuth	209-2	1506933	1543607	1550430	1533657	1.53	cps
Boron	10-1	7160	7227	6210	6866	8.29	cps
Boron	11-1	34384	31126	29273	31594	8.19	cps
Cadmium	111-1	1624	1518	1513	1552	4.03	cps
Cadmium	106-1	1659	1483	1525	1556	5.88	cps
Cadmium	108-1	29	71	83	61	46.41	cps
Calcium	43-1	11699137	11812891	11751247	11754425	0.48	cps
Calcium	44-1	191619333	193010225	191045508	191891689	0.53	cps
Chromium	52-2	36855	37069	37417	37114	0.76	cps
Cobalt	59-2	4247	4051	4284	4194	2.99	cps
Copper	63-2	9567	9727	9633	9642	0.83	cps
Dysprosium	156-1	200	192	142	178	17.75	cps
Dysprosium	156-2	37	37	40	38	5.09	cps
Erbium	164-1	67	100	83	83	20.00	cps
Erbium	164-2	17	23	37	26	39.85	cps
Gadolinium	160-1	75	192	150	139	42.57	cps
Gadolinium	160-2	27	43	53	41	32.76	cps
Holmium	165-1	7232826	7216523	7332558	7260635	0.87	cps
Holmium	165-2	2153363	2221813	2199072	2191416	1.59	cps
Indium	115-1	6358688	6427377	6471122	6419062	0.88	cps
Indium	115-2	384479	393850	397086	391805	1.67	cps
Iron	56-2	196417132	195621754	199296993	197111960	0.98	cps
Iron	57-2	4904948	4930892	4974385	4936742	0.71	cps
Lead	206-1	10427	10788	10366	10527	2.17	cps
Lead	207-1	8798	8909	8687	8798	1.26	cps
Lead	208-1	40715	41533	41344	41198	1.04	cps
Lithium	6-1	1159154	1175000	1193093	1175749	1.44	cps
Magnesium	24-2	21072299	21251940	21299899	21208046	0.57	cps
Manganese	55-2	3754	3964	3931	3883	2.91	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:42:58	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13082	12890	13399	13124	1.96	cps
Molybdenum	95-1	20324	20550	20282	20385	0.71	cps
Molybdenum	96-1	23187	24607	23329	23708	3.30	cps
Molybdenum	97-1	12631	13391	13524	13182	3.65	cps
Molybdenum	98-1	31847	32633	32231	32237	1.22	cps
Neodymium	150-1	120	133	187	147	24.05	cps
Neodymium	150-2	23	20	17	20	16.65	cps
Nickel	60-2	11979	12049	12386	12138	1.79	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	6562029	6514134	6624754	6566972	0.84	cps
Rhodium	103-1	5835764	5965573	6082653	5961330	2.07	cps
Rhodium	103-2	1891303	1917788	1911837	1906976	0.73	cps
Scandium	45-1	4260595	4223486	4285354	4256479	0.73	cps
Scandium	45-2	44160	44290	44791	44413	0.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	7	0	5	86.60	cps
Selenium	82-1	251	-19	95	109	124.55	cps
Silicon	28-1	463420	471264	461201	465295	1.14	cps
Silver	109-1	2484	2592	2592	2556	2.45	cps
Silver	107-1	2742	2934	2775	2817	3.64	cps
Sodium	23-2	50069425	50101402	50650448	50273758	0.65	cps
Strontium	86-1	93511	94938	93695	94048	0.83	cps
Strontium	88-1	795652	797196	799541	797463	0.25	cps
Sulfur	34-1	402523	402123	400762	401803	0.23	cps
Terbium	159-1	7594483	7605324	7792990	7664266	1.46	cps
Terbium	159-2	2107653	2153510	2140132	2133765	1.11	cps
Thallium	203-1	4001	3967	3634	3867	5.25	cps
Thallium	205-1	9646	9721	9329	9565	2.18	cps
Tin	118-1	9162	9379	9153	9231	1.38	cps
Titanium	47-1	1775	1533	1784	1697	8.37	cps
Uranium	238-1	4901	4910	5093	4968	2.18	cps
Vanadium	51-2	433	433	487	451	6.83	cps
Yttrium	89-1	7153738	7133379	7313603	7200240	1.37	cps
Yttrium	89-2	292810	298438	302747	297998	1.67	cps
Zinc	66-2	4698	4437	4801	4645	4.03	cps
Zirconium	90-1	4034	4042	4042	4040	0.12	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:42:58	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	767	925	1025	906	14.38	cps

LB Number : LB89292 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-04 15:46:17 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4326	4176	4584	4362	4.74	cps
Antimony	121-1	1840117	1854908	1848689	1847905	0.40	cps
Arsenic	75-2	29201	29088	29055	29115	0.26	cps
Barium	135-1	181657	183810	185211	183559	0.98	cps
Barium	137-1	324026	321008	322110	322381	0.47	cps
Beryllium	9-1	145967	145876	146936	146259	0.40	cps
Bismuth	209-1	4216093	4112653	4225830	4184859	1.50	cps
Bismuth	209-2	1666522	1660248	1683238	1670003	0.71	cps
Boron	10-1	84205	86862	85621	85563	1.55	cps
Boron	11-1	386343	400806	404634	397261	2.43	cps
Cadmium	111-1	212844	215204	211080	213043	0.97	cps
Cadmium	106-1	32423	33184	33493	33033	1.67	cps
Cadmium	108-1	18743	18705	18734	18727	0.11	cps
Calcium	43-1	54464	52959	53403	53609	1.44	cps
Calcium	44-1	850975	853739	848231	850982	0.32	cps
Chromium	52-2	119031	121001	120049	120027	0.82	cps
Cobalt	59-2	250111	252264	253058	251811	0.61	cps
Copper	63-2	212583	215119	214454	214052	0.61	cps
Dysprosium	156-1	17	33	8	19	65.47	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	75	117	108	100	22.05	cps
Erbium	164-2	10	17	27	18	47.19	cps
Gadolinium	160-1	67	50	58	58	14.29	cps
Gadolinium	160-2	17	23	10	17	39.99	cps
Holmium	165-1	7080823	6976423	7171108	7076118	1.38	cps
Holmium	165-2	2193312	2210362	2211940	2205205	0.47	cps
Indium	115-1	6680637	6486791	6628123	6598517	1.52	cps
Indium	115-2	402511	403393	406425	404110	0.51	cps
Iron	56-2	810840	822013	821180	818011	0.76	cps
Iron	57-2	20232	21267	20855	20784	2.51	cps
Lead	206-1	946721	940004	937912	941546	0.49	cps
Lead	207-1	817607	822624	819364	819865	0.31	cps
Lead	208-1	3814210	3822451	3810928	3815863	0.16	cps
Lithium	6-1	1238537	1219648	1261953	1240046	1.71	cps
Magnesium	24-2	50725	51703	51068	51165	0.97	cps
Manganese	55-2	33991	34633	34606	34410	1.05	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:46:17	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3736879	3782053	3707316	3742083	1.01	cps
Molybdenum	95-1	2029081	2052620	2043908	2041870	0.58	cps
Molybdenum	96-1	2542127	2624899	2579094	2582040	1.61	cps
Molybdenum	97-1	1244739	1248504	1234426	1242556	0.59	cps
Molybdenum	98-1	3252185	3292509	3263531	3269408	0.64	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73033	73962	74163	73719	0.82	cps
Phosphorus	31-2	25	8	8	14	69.31	cps
Potassium	39-2	58623	59385	58899	58969	0.65	cps
Rhodium	103-1	6469077	6338967	6427334	6411793	1.04	cps
Rhodium	103-2	2109866	2095738	2089904	2098503	0.49	cps
Scandium	45-1	4476655	4288890	4407109	4390885	2.16	cps
Scandium	45-2	47005	46393	47062	46820	0.79	cps
Selenium	77-2	227	217	263	236	10.43	cps
Selenium	78-2	706	752	783	747	5.24	cps
Selenium	82-1	27138	27015	26955	27036	0.35	cps
Silicon	28-1	2325599	2351908	2336491	2337999	0.57	cps
Silver	109-1	964046	964394	967873	965438	0.22	cps
Silver	107-1	1013928	1029958	1018583	1020823	0.81	cps
Sodium	23-2	225975	228457	232037	228823	1.33	cps
Strontium	86-1	1307986	1314277	1303659	1308641	0.41	cps
Strontium	88-1	11117780	11306830	11110302	11178304	1.00	cps
Sulfur	34-1	401840	399980	399315	400378	0.33	cps
Terbium	159-1	7582049	7458560	7566628	7535746	0.89	cps
Terbium	159-2	2149691	2155423	2156318	2153810	0.17	cps
Thallium	203-1	1181024	1190442	1191353	1187607	0.48	cps
Thallium	205-1	2902045	2842950	2880065	2875020	1.04	cps
Tin	118-1	3171010	3258515	3224766	3218097	1.37	cps
Titanium	47-1	573378	583012	573872	576754	0.94	cps
Uranium	238-1	8943273	9133852	9207563	9094896	1.50	cps
Vanadium	51-2	87863	89185	88470	88506	0.75	cps
Yttrium	89-1	7362697	7142243	7313192	7272710	1.59	cps
Yttrium	89-2	303270	301681	303753	302901	0.36	cps
Zinc	66-2	40041	40706	40760	40502	0.99	cps
Zirconium	90-1	6870881	7063587	6985339	6973269	1.39	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:46:17	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1566967	1595138	1586788	1582964	0.91	cps

LB Number : LB89292 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-04 15:49:22 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	25	25	28	17.31	cps
Antimony	121-1	1133	1033	1358	1175	14.17	cps
Arsenic	75-2	7	20	11	13	51.50	cps
Barium	135-1	25	42	17	28	45.82	cps
Barium	137-1	75	58	58	64	15.05	cps
Beryllium	9-1	289	222	278	263	13.58	cps
Bismuth	209-1	3986714	4167010	4126640	4093455	2.31	cps
Bismuth	209-2	1660976	1603394	1657445	1640605	1.97	cps
Boron	10-1	4909	4993	4534	4812	5.08	cps
Boron	11-1	22235	21233	20123	21197	4.98	cps
Cadmium	111-1	1084	992	1004	1027	4.85	cps
Cadmium	106-1	1525	1392	1425	1447	4.80	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Calcium	43-1	2550	2725	2967	2748	7.62	cps
Calcium	44-1	57209	56256	57443	56969	1.10	cps
Chromium	52-2	1213	1100	940	1085	12.66	cps
Cobalt	59-2	60	67	60	62	6.19	cps
Copper	63-2	340	280	300	307	9.96	cps
Dysprosium	156-1	0	25	17	14	91.65	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	17	17	33	22	43.28	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	42	8	58	36	70.51	cps
Gadolinium	160-2	17	10	10	12	31.50	cps
Holmium	165-1	6946361	7128891	7005800	7027017	1.32	cps
Holmium	165-2	2246491	2145052	2217295	2202946	2.37	cps
Indium	115-1	6536411	6615626	6598544	6583527	0.63	cps
Indium	115-2	414095	401081	417982	411052	2.15	cps
Iron	56-2	3473	3139	3351	3321	5.08	cps
Iron	57-2	111	133	89	111	20.00	cps
Lead	206-1	933	667	578	726	25.49	cps
Lead	207-1	772	761	633	722	10.69	cps
Lead	208-1	3245	3011	2911	3056	5.60	cps
Lithium	6-1	1191707	1238647	1227205	1219186	2.01	cps
Magnesium	24-2	183	200	283	222	24.11	cps
Manganese	55-2	47	93	83	74	33.01	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:49:22	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	375	458	367	400	12.67	cps
Molybdenum	95-1	283	233	175	231	23.52	cps
Molybdenum	96-1	450	417	333	400	15.02	cps
Molybdenum	97-1	150	142	192	161	16.63	cps
Molybdenum	98-1	517	508	450	492	7.39	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	160	87	130	126	29.36	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	4868	4534	5260	4887	7.43	cps
Rhodium	103-1	6246323	6417877	6402515	6355572	1.49	cps
Rhodium	103-2	2117794	2044600	2122278	2094891	2.08	cps
Scandium	45-1	4288395	4472052	4429818	4396755	2.19	cps
Scandium	45-2	46470	44748	45350	45523	1.92	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	4	7	5	43.39	cps
Selenium	82-1	-13	-62	-9	-28	-105.78	cps
Silicon	28-1	418058	420846	414165	417690	0.80	cps
Silver	109-1	692	750	717	720	4.07	cps
Silver	107-1	892	808	883	861	5.33	cps
Sodium	23-2	16594	16877	15810	16427	3.37	cps
Strontium	86-1	1442	1408	1350	1400	3.31	cps
Strontium	88-1	317	258	375	317	18.42	cps
Sulfur	34-1	392260	394013	390852	392375	0.40	cps
Terbium	159-1	7222072	7525769	7478704	7408848	2.21	cps
Terbium	159-2	2147941	2114275	2144221	2135479	0.86	cps
Thallium	203-1	425	500	425	450	9.62	cps
Thallium	205-1	1333	1092	1083	1170	12.14	cps
Tin	118-1	1667	1567	1467	1567	6.38	cps
Titanium	47-1	300	208	183	231	26.65	cps
Uranium	238-1	167	133	142	147	11.79	cps
Vanadium	51-2	10	20	17	16	32.73	cps
Yttrium	89-1	7085106	7291697	7297881	7224895	1.68	cps
Yttrium	89-2	303693	296175	305685	301851	1.66	cps
Zinc	66-2	103	87	90	93	9.45	cps
Zirconium	90-1	625	700	658	661	5.68	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:49:22	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	67	125	108	33.53	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:52:30	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	757334	751099	742552	750328	0.99	cps
Antimony	121-1	11314	11314	11105	11244	1.07	cps
Arsenic	75-2	50	61	43	51	18.19	cps
Barium	135-1	2725	2592	2567	2628	3.24	cps
Barium	137-1	4968	4368	4993	4776	7.41	cps
Beryllium	9-1	511	517	561	530	5.17	cps
Bismuth	209-1	3945131	4055459	4030170	4010253	1.44	cps
Bismuth	209-2	1555948	1564896	1563293	1561379	0.31	cps
Boron	10-1	3217	3567	3259	3348	5.71	cps
Boron	11-1	15017	14917	15601	15178	2.43	cps
Cadmium	111-1	1584	1482	1581	1549	3.73	cps
Cadmium	106-1	1534	1350	1425	1436	6.42	cps
Cadmium	108-1	896	971	971	946	4.58	cps
Calcium	43-1	2201500	2178619	2228227	2202782	1.13	cps
Calcium	44-1	35616673	35782419	35706250	35701780	0.23	cps
Chromium	52-2	23861	23153	23587	23533	1.52	cps
Cobalt	59-2	2634	2677	2754	2688	2.26	cps
Copper	63-2	15929	16063	16136	16043	0.65	cps
Dysprosium	156-1	17	17	42	25	57.73	cps
Dysprosium	156-2	27	10	3	13	90.16	cps
Erbium	164-1	17	42	58	39	53.93	cps
Erbium	164-2	3	27	23	18	71.00	cps
Gadolinium	160-1	108	67	142	106	35.60	cps
Gadolinium	160-2	13	10	7	10	33.30	cps
Holmium	165-1	7143591	7216832	7179338	7179920	0.51	cps
Holmium	165-2	2185490	2198481	2156990	2180320	0.97	cps
Indium	115-1	6447680	6539621	6505174	6497492	0.71	cps
Indium	115-2	387600	392377	390123	390033	0.61	cps
Iron	56-2	75933979	75381296	75154088	75489788	0.53	cps
Iron	57-2	1925622	1925397	1904735	1918585	0.63	cps
Lead	206-1	21775	22187	21853	21938	1.00	cps
Lead	207-1	17462	17591	17240	17431	1.02	cps
Lead	208-1	82433	82366	81754	82184	0.46	cps
Lithium	6-1	1161191	1162343	1172236	1165257	0.52	cps
Magnesium	24-2	3947952	3996138	3949887	3964659	0.69	cps
Manganese	55-2	2607	2607	2700	2638	2.04	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:52:30	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4474131	4476290	4381461	4443961	1.22	cps
Molybdenum	95-1	7808743	7821990	7737608	7789447	0.58	cps
Molybdenum	96-1	8183435	8267763	8194239	8215146	0.56	cps
Molybdenum	97-1	4782370	4820406	4820059	4807612	0.45	cps
Molybdenum	98-1	12442942	12548969	12296582	12429498	1.02	cps
Neodymium	150-1	33	80	53	56	42.14	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	3731	3987	3807	3842	3.43	cps
Phosphorus	31-2	61702	60606	61384	61231	0.92	cps
Potassium	39-2	2552002	2522732	2523552	2532762	0.66	cps
Rhodium	103-1	6082249	6115043	6062620	6086637	0.44	cps
Rhodium	103-2	1992649	1988915	1970718	1984094	0.59	cps
Scandium	45-1	4240431	4302640	4322745	4288605	1.00	cps
Scandium	45-2	43628	44193	43798	43873	0.66	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	4	6	0	3	91.69	cps
Selenium	82-1	85	79	-97	22	466.84	cps
Silicon	28-1	531645	545410	542051	539702	1.33	cps
Silver	109-1	3034	3434	3384	3284	6.64	cps
Silver	107-1	3467	3676	3809	3651	4.72	cps
Sodium	23-2	9626898	9585411	9564591	9592300	0.33	cps
Strontium	86-1	89351	89451	89350	89384	0.06	cps
Strontium	88-1	753018	752462	751261	752247	0.12	cps
Sulfur	34-1	2998974	2952125	2994288	2981795	0.87	cps
Terbium	159-1	7517246	7579391	7548714	7548451	0.41	cps
Terbium	159-2	2079829	2127938	2122237	2110001	1.25	cps
Thallium	203-1	875	833	925	878	5.23	cps
Thallium	205-1	2359	2400	2200	2320	4.55	cps
Tin	118-1	3467	3901	3784	3717	6.03	cps
Titanium	47-1	2253322	2245191	2261252	2253255	0.36	cps
Uranium	238-1	450	500	408	453	10.14	cps
Vanadium	51-2	143	143	130	139	5.55	cps
Yttrium	89-1	7142438	7229864	7198909	7190404	0.62	cps
Yttrium	89-2	291584	293464	291126	292058	0.42	cps
Zinc	66-2	2347	2264	2304	2305	1.81	cps
Zirconium	90-1	1867	1917	1842	1875	2.04	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:52:30	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	358	350	433	381	12.06	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:55:34	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	762275	768149	768636	766353	0.46	cps
Antimony	121-1	190383	193668	190641	191564	0.95	cps
Arsenic	75-2	2965	2858	2811	2878	2.74	cps
Barium	135-1	39945	40781	40129	40285	1.09	cps
Barium	137-1	69550	67632	68268	68483	1.43	cps
Beryllium	9-1	29219	28852	29019	29030	0.63	cps
Bismuth	209-1	4151093	3974953	4041189	4055745	2.19	cps
Bismuth	209-2	1598885	1606633	1550279	1585266	1.93	cps
Boron	10-1	11238	11272	10896	11135	1.87	cps
Boron	11-1	50817	50557	51066	50813	0.50	cps
Cadmium	111-1	41218	40616	41119	40984	0.79	cps
Cadmium	106-1	6460	6077	6043	6193	3.74	cps
Cadmium	108-1	3838	3896	3922	3885	1.10	cps
Calcium	43-1	2235580	2235927	2211533	2227680	0.63	cps
Calcium	44-1	35955056	36300314	36213758	36156376	0.50	cps
Chromium	52-2	47581	47250	47939	47590	0.72	cps
Cobalt	59-2	51669	51823	50746	51412	1.13	cps
Copper	63-2	58570	57251	58088	57969	1.15	cps
Dysprosium	156-1	33	50	92	58	51.51	cps
Dysprosium	156-2	7	0	10	6	91.64	cps
Erbium	164-1	33	75	33	47	50.95	cps
Erbium	164-2	7	7	20	11	69.25	cps
Gadolinium	160-1	117	117	58	97	34.64	cps
Gadolinium	160-2	17	20	7	14	48.02	cps
Holmium	165-1	7170235	7127342	7146831	7148136	0.30	cps
Holmium	165-2	2201284	2223026	2131644	2185318	2.18	cps
Indium	115-1	6604659	6535843	6506353	6548952	0.77	cps
Indium	115-2	392886	393680	381450	389338	1.76	cps
Iron	56-2	76746288	77569141	76888743	77068057	0.57	cps
Iron	57-2	1971251	1969803	1947680	1962911	0.67	cps
Lead	206-1	114468	116132	116250	115617	0.86	cps
Lead	207-1	95905	96750	96095	96250	0.46	cps
Lead	208-1	446797	445045	443617	445153	0.36	cps
Lithium	6-1	1172035	1167764	1181533	1173777	0.60	cps
Magnesium	24-2	4056603	4058044	4012169	4042272	0.65	cps
Manganese	55-2	9620	9383	9367	9457	1.50	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:55:34	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4875631	4831536	4850818	4852662	0.46	cps
Molybdenum	95-1	8070219	7979799	8059947	8036655	0.62	cps
Molybdenum	96-1	8596513	8487492	8622306	8568770	0.84	cps
Molybdenum	97-1	4961298	4965238	4969188	4965241	0.08	cps
Molybdenum	98-1	12919679	12828352	12794246	12847426	0.50	cps
Neodymium	150-1	20	20	60	33	69.28	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	17661	18045	18369	18025	1.96	cps
Phosphorus	31-2	61451	62673	62221	62115	1.00	cps
Potassium	39-2	2583067	2577028	2584284	2581460	0.15	cps
Rhodium	103-1	6174737	6115312	6161821	6150623	0.51	cps
Rhodium	103-2	2017303	2006150	1947723	1990392	1.88	cps
Scandium	45-1	4330893	4346667	4350280	4342613	0.24	cps
Scandium	45-2	44112	44688	43344	44048	1.53	cps
Selenium	77-2	17	27	30	24	28.38	cps
Selenium	78-2	91	81	67	80	15.25	cps
Selenium	82-1	2524	2529	2517	2523	0.25	cps
Silicon	28-1	789204	783727	781203	784711	0.52	cps
Silver	109-1	173774	174226	176198	174733	0.74	cps
Silver	107-1	183061	187900	185519	185493	1.30	cps
Sodium	23-2	9753107	9737023	9678842	9722991	0.40	cps
Strontium	86-1	220983	220823	219827	220544	0.28	cps
Strontium	88-1	1937153	1912034	1937518	1928901	0.76	cps
Sulfur	34-1	3001206	2969852	2952579	2974545	0.83	cps
Terbium	159-1	7620668	7561400	7685515	7622528	0.81	cps
Terbium	159-2	2156011	2163342	2071142	2130165	2.41	cps
Thallium	203-1	116514	117642	115413	116523	0.96	cps
Thallium	205-1	277208	277471	276415	277031	0.20	cps
Tin	118-1	323786	320016	319527	321110	0.73	cps
Titanium	47-1	2311224	2352989	2349591	2337935	0.99	cps
Uranium	238-1	858977	836271	844855	846701	1.35	cps
Vanadium	51-2	17081	17695	17441	17405	1.77	cps
Yttrium	89-1	7383683	7234844	7226284	7281604	1.22	cps
Yttrium	89-2	298985	298102	288608	295232	1.95	cps
Zinc	66-2	6035	6265	6065	6121	2.04	cps
Zirconium	90-1	717559	704216	717409	713061	1.07	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:55:34	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	160021	155775	160073	158623	1.55	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:58:37	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	414401	411402	407232	411012	0.88	cps
Antimony	121-1	4675994	4705004	4616482	4665826	0.97	cps
Arsenic	75-2	71107	70665	69382	70385	1.27	cps
Barium	135-1	4785618	4766109	4717123	4756283	0.74	cps
Barium	137-1	8043351	8107698	7995851	8048967	0.70	cps
Beryllium	9-1	726911	731185	723220	727105	0.55	cps
Bismuth	209-1	4209453	4231445	4077710	4172870	1.99	cps
Bismuth	209-2	1580624	1608660	1585177	1591487	0.95	cps
Boron	10-1	84582	87223	87089	86298	1.72	cps
Boron	11-1	394649	409988	407302	403980	2.03	cps
Cadmium	111-1	998263	1000179	994609	997684	0.28	cps
Cadmium	106-1	104488	105645	105805	105313	0.68	cps
Cadmium	108-1	71233	69888	70646	70589	0.95	cps
Calcium	43-1	5571336	5549326	5476177	5532280	0.90	cps
Calcium	44-1	89875806	90203073	90192785	90090555	0.21	cps
Chromium	52-2	595070	590433	586836	590780	0.70	cps
Cobalt	59-2	1196797	1183085	1180064	1186649	0.75	cps
Copper	63-2	2025290	2013820	1979090	2006067	1.20	cps
Dysprosium	156-1	83	50	117	83	40.00	cps
Dysprosium	156-2	13	20	43	26	61.64	cps
Erbium	164-1	67	75	67	69	6.93	cps
Erbium	164-2	13	10	17	13	25.01	cps
Gadolinium	160-1	142	125	67	111	35.44	cps
Gadolinium	160-2	33	27	23	28	18.33	cps
Holmium	165-1	7444290	7468158	7301578	7404675	1.22	cps
Holmium	165-2	2235131	2225662	2202646	2221146	0.75	cps
Indium	115-1	6538234	6603197	6425573	6522335	1.38	cps
Indium	115-2	380742	390627	380475	383948	1.51	cps
Iron	56-2	95739583	94368535	93607160	94571760	1.14	cps
Iron	57-2	2445055	2408462	2379977	2411164	1.35	cps
Lead	206-1	2448881	2445993	2384093	2426322	1.51	cps
Lead	207-1	2250516	2227632	2207394	2228514	0.97	cps
Lead	208-1	9982256	9910325	9842500	9911694	0.71	cps
Lithium	6-1	1172582	1195584	1171331	1179832	1.16	cps
Magnesium	24-2	10249474	10152727	9921172	10107791	1.67	cps
Manganese	55-2	340629	336438	331775	336281	1.32	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:58:37	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3925324	3899913	3832402	3885880	1.24	cps
Molybdenum	95-1	2113687	2113911	2104966	2110855	0.24	cps
Molybdenum	96-1	2738281	2674412	2687493	2700062	1.25	cps
Molybdenum	97-1	1271323	1284016	1280013	1278450	0.51	cps
Molybdenum	98-1	3375853	3356172	3344591	3358872	0.47	cps
Neodymium	150-1	160	220	227	202	18.16	cps
Neodymium	150-2	0	7	20	9	114.55	cps
Nickel	60-2	347915	342757	341179	343950	1.02	cps
Phosphorus	31-2	6819	6869	6077	6588	6.73	cps
Potassium	39-2	3270762	3274868	3199471	3248367	1.31	cps
Rhodium	103-1	6047673	6180082	5979267	6069007	1.68	cps
Rhodium	103-2	1948140	1985680	1916991	1950270	1.76	cps
Scandium	45-1	4368420	4396664	4215450	4326845	2.25	cps
Scandium	45-2	45056	44868	43972	44632	1.30	cps
Selenium	77-2	510	457	513	493	6.45	cps
Selenium	78-2	1752	1815	1750	1772	2.08	cps
Selenium	82-1	64383	65375	65087	64948	0.79	cps
Silicon	28-1	2378721	2403472	2350219	2377471	1.12	cps
Silver	109-1	4715671	4707427	4692637	4705245	0.25	cps
Silver	107-1	4949686	4999965	4922837	4957496	0.79	cps
Sodium	23-2	24759804	24684472	24263953	24569410	1.09	cps
Strontium	86-1	1395176	1363999	1353139	1370771	1.59	cps
Strontium	88-1	11746927	11766077	11540868	11684624	1.07	cps
Sulfur	34-1	717052	724962	721766	721260	0.55	cps
Terbium	159-1	7865856	7882474	7640427	7796252	1.73	cps
Terbium	159-2	2129873	2191182	2126214	2149090	1.70	cps
Thallium	203-1	2997216	3011268	3006302	3004929	0.24	cps
Thallium	205-1	7079916	7055165	6953215	7029432	0.96	cps
Tin	118-1	3264136	3270985	3219780	3251634	0.85	cps
Titanium	47-1	583837	581275	583607	582907	0.24	cps
Uranium	238-1	9096177	9163545	9096062	9118595	0.43	cps
Vanadium	51-2	442832	444433	436120	441128	1.00	cps
Yttrium	89-1	7315354	7359449	7075048	7249950	2.11	cps
Yttrium	89-2	294753	296961	292251	294655	0.80	cps
Zinc	66-2	188255	185039	184192	185829	1.15	cps
Zirconium	90-1	7417659	7390579	7300600	7369613	0.83	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 15:58:37	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1666818	1669420	1629542	1655260	1.35	cps

LB Number : LB89292 Operator : Jaswal
 Lab Sample ID : CCB66 Instrumnet Name : P8
 Client Sample ID : CCB66 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-04 16:01:35 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	33	33	53	63.81	cps
Antimony	121-1	1892	1934	1784	1870	4.14	cps
Arsenic	75-2	13	6	17	12	48.22	cps
Barium	135-1	125	158	192	158	21.05	cps
Barium	137-1	125	283	308	239	41.62	cps
Beryllium	9-1	222	261	317	267	17.80	cps
Bismuth	209-1	4319757	4309043	4298247	4309016	0.25	cps
Bismuth	209-2	1669099	1714757	1673966	1685941	1.49	cps
Boron	10-1	3084	3100	3359	3181	4.85	cps
Boron	11-1	15776	16135	14308	15406	6.28	cps
Cadmium	111-1	1045	1161	1135	1114	5.50	cps
Cadmium	106-1	1467	1592	1567	1542	4.29	cps
Cadmium	108-1	4	4	17	8	86.57	cps
Calcium	43-1	2684	2492	2834	2670	6.42	cps
Calcium	44-1	60472	60858	62247	61192	1.53	cps
Chromium	52-2	1107	1033	950	1030	7.61	cps
Cobalt	59-2	93	117	123	111	14.18	cps
Copper	63-2	597	577	523	566	6.70	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	33	58	42	34.65	cps
Erbium	164-2	3	3	13	7	86.65	cps
Gadolinium	160-1	83	50	17	50	66.67	cps
Gadolinium	160-2	13	7	10	10	33.30	cps
Holmium	165-1	7267666	7295350	7192046	7251687	0.74	cps
Holmium	165-2	2234843	2204212	2185050	2208035	1.14	cps
Indium	115-1	6787376	6736464	6732036	6751958	0.46	cps
Indium	115-2	407181	409147	403437	406588	0.71	cps
Iron	56-2	8981	8936	8503	8807	3.00	cps
Iron	57-2	256	217	244	239	8.39	cps
Lead	206-1	806	822	945	857	8.84	cps
Lead	207-1	667	672	783	707	9.30	cps
Lead	208-1	3267	3178	3617	3354	6.92	cps
Lithium	6-1	1230723	1214607	1217272	1220867	0.71	cps
Magnesium	24-2	675	608	683	656	6.27	cps
Manganese	55-2	80	110	70	87	24.02	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:01:35	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	692	825	667	728	11.70	cps
Molybdenum	95-1	475	400	525	467	13.48	cps
Molybdenum	96-1	550	608	667	608	9.59	cps
Molybdenum	97-1	283	258	283	275	5.25	cps
Molybdenum	98-1	858	792	742	797	7.34	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	150	153	167	157	5.63	cps
Phosphorus	31-2	33	0	33	22	86.60	cps
Potassium	39-2	4976	5576	5076	5210	6.17	cps
Rhodium	103-1	6479477	6396155	6457435	6444356	0.67	cps
Rhodium	103-2	2090447	2095284	2090169	2091967	0.14	cps
Scandium	45-1	4330782	4339527	4285431	4318580	0.67	cps
Scandium	45-2	43895	44340	43745	43993	0.70	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-102	38	-26	-30	-233.66	cps
Silicon	28-1	410509	412087	412196	411598	0.23	cps
Silver	109-1	1484	1667	1392	1514	9.25	cps
Silver	107-1	1575	1575	1792	1647	7.59	cps
Sodium	23-2	18379	18713	18112	18401	1.64	cps
Strontium	86-1	1517	1317	1500	1445	7.68	cps
Strontium	88-1	350	542	733	542	35.38	cps
Sulfur	34-1	380871	377150	377612	378545	0.54	cps
Terbium	159-1	7588651	7645414	7734931	7656332	0.96	cps
Terbium	159-2	2155292	2150356	2147810	2151153	0.18	cps
Thallium	203-1	992	1008	958	986	2.58	cps
Thallium	205-1	2100	2067	1934	2034	4.34	cps
Tin	118-1	1842	1534	1542	1639	10.72	cps
Titanium	47-1	217	183	250	217	15.38	cps
Uranium	238-1	175	350	442	322	42.05	cps
Vanadium	51-2	30	53	27	37	39.62	cps
Yttrium	89-1	7223447	7222184	7186728	7210786	0.29	cps
Yttrium	89-2	295929	299511	295661	297033	0.72	cps
Zinc	66-2	83	70	90	81	12.56	cps
Zirconium	90-1	1183	1300	1392	1292	8.08	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:01:35	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	350	283	300	311	11.15	cps

LB Number : LB89292 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2017-08-04 16:04:42 DataFile Name : 018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	158	183	161	13.02	cps
Antimony	121-1	17654	18121	17362	17712	2.16	cps
Arsenic	75-2	146	139	130	138	6.04	cps
Barium	135-1	16753	16828	15626	16403	4.10	cps
Barium	137-1	28481	28941	28290	28571	1.17	cps
Beryllium	9-1	1589	1461	1722	1591	8.21	cps
Bismuth	209-1	4040542	4143582	4068033	4084052	1.31	cps
Bismuth	209-2	1616425	1629891	1645743	1630686	0.90	cps
Boron	10-1	5718	5943	5468	5710	4.16	cps
Boron	11-1	27043	26275	26258	26525	1.69	cps
Cadmium	111-1	2795	2919	3060	2925	4.53	cps
Cadmium	106-1	1517	1767	1867	1717	10.50	cps
Cadmium	108-1	138	150	121	136	10.75	cps
Calcium	43-1	12832	12982	12656	12823	1.27	cps
Calcium	44-1	222275	226865	222005	223715	1.22	cps
Chromium	52-2	3304	3210	3407	3307	2.98	cps
Cobalt	59-2	2424	2334	2364	2374	1.93	cps
Copper	63-2	4644	4888	4898	4810	2.98	cps
Dysprosium	156-1	17	25	33	25	33.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	58	25	33	39	44.62	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	100	67	92	86	20.15	cps
Gadolinium	160-2	10	7	10	9	21.63	cps
Holmium	165-1	6933354	7075392	6974078	6994275	1.05	cps
Holmium	165-2	2174253	2181244	2183084	2179527	0.21	cps
Indium	115-1	6554512	6596165	6572838	6574505	0.32	cps
Indium	115-2	401460	402471	404392	402775	0.37	cps
Iron	56-2	40426	39217	41468	40370	2.79	cps
Iron	57-2	1000	961	1045	1002	4.16	cps
Lead	206-1	5979	6341	5690	6003	5.43	cps
Lead	207-1	5724	5157	5390	5424	5.25	cps
Lead	208-1	24894	24794	23454	24380	3.30	cps
Lithium	6-1	1185773	1216970	1204364	1202369	1.31	cps
Magnesium	24-2	19214	19205	19940	19453	2.17	cps
Manganese	55-2	387	380	360	376	3.70	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:04:42	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16202	15426	15418	15682	2.87	cps
Molybdenum	95-1	18430	18572	17687	18230	2.61	cps
Molybdenum	96-1	20416	21117	20399	20644	1.99	cps
Molybdenum	97-1	11022	11247	11138	11136	1.01	cps
Molybdenum	98-1	29057	29834	28280	29057	2.67	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	780	817	797	798	2.30	cps
Phosphorus	31-2	17	33	17	22	43.28	cps
Potassium	39-2	17119	16527	17386	17011	2.59	cps
Rhodium	103-1	6271442	6372487	6280433	6308121	0.89	cps
Rhodium	103-2	2074136	2101089	2096533	2090586	0.69	cps
Scandium	45-1	4223469	4341662	4246460	4270531	1.47	cps
Scandium	45-2	44420	44527	45029	44659	0.73	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	22	13	13	16	33.32	cps
Selenium	82-1	550	613	688	617	11.19	cps
Silicon	28-1	463307	452874	458301	458161	1.14	cps
Silver	109-1	9437	10538	10188	10054	5.59	cps
Silver	107-1	10021	10605	10763	10463	3.74	cps
Sodium	23-2	59542	60998	61308	60616	1.56	cps
Strontium	86-1	3759	3984	3659	3801	4.38	cps
Strontium	88-1	21092	21318	21217	21209	0.53	cps
Sulfur	34-1	380928	379999	380005	380310	0.14	cps
Terbium	159-1	7341585	7570176	7425851	7445871	1.55	cps
Terbium	159-2	2142032	2095004	2141951	2126329	1.28	cps
Thallium	203-1	5585	5568	5618	5590	0.46	cps
Thallium	205-1	13516	13658	13466	13547	0.74	cps
Tin	118-1	30111	30870	29417	30133	2.41	cps
Titanium	47-1	5543	5410	5293	5415	2.31	cps
Uranium	238-1	15369	15686	16295	15783	2.98	cps
Vanadium	51-2	4064	4234	3921	4073	3.85	cps
Yttrium	89-1	6993981	7210454	7082719	7095718	1.53	cps
Yttrium	89-2	295069	297145	296519	296244	0.36	cps
Zinc	66-2	473	503	470	482	3.81	cps
Zirconium	90-1	14258	14391	13399	14016	3.84	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:04:42	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3217	3017	2934	3056	4.77	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	PB101280BL	Instrumnet Name :	P8
Client Sample ID :	PB101280BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:09:08	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	33	33	36	13.33	cps
Antimony	121-1	408	375	483	422	13.14	cps
Arsenic	75-2	13	7	9	10	28.61	cps
Barium	135-1	33	33	50	39	24.75	cps
Barium	137-1	50	42	58	50	16.67	cps
Beryllium	9-1	139	244	189	191	27.68	cps
Bismuth	209-1	4141274	4033537	4117869	4097560	1.38	cps
Bismuth	209-2	1600241	1512533	1590437	1567737	3.07	cps
Boron	10-1	1592	1417	1508	1506	5.81	cps
Boron	11-1	7261	7019	6960	7080	2.25	cps
Cadmium	111-1	956	981	1030	989	3.78	cps
Cadmium	106-1	1358	1375	1483	1406	4.83	cps
Cadmium	108-1	4	4	13	7	69.23	cps
Calcium	43-1	2559	2317	2475	2450	5.01	cps
Calcium	44-1	55904	55243	56490	55879	1.12	cps
Chromium	52-2	1110	933	927	990	10.50	cps
Cobalt	59-2	80	50	67	66	22.93	cps
Copper	63-2	403	347	387	379	7.69	cps
Dysprosium	156-1	17	0	33	17	99.99	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	33	50	31	68.64	cps
Erbium	164-2	13	0	7	7	99.98	cps
Gadolinium	160-1	58	58	42	53	18.23	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	7100588	6971535	7051391	7041171	0.92	cps
Holmium	165-2	2142376	1994064	2088331	2074924	3.62	cps
Indium	115-1	6594588	6532739	6546208	6557845	0.50	cps
Indium	115-2	392067	366987	388703	382585	3.56	cps
Iron	56-2	3156	2984	3056	3065	2.82	cps
Iron	57-2	50	33	39	41	20.83	cps
Lead	206-1	583	500	511	532	8.51	cps
Lead	207-1	494	572	494	520	8.63	cps
Lead	208-1	2156	2350	2283	2263	4.37	cps
Lithium	6-1	1206583	1215588	1201683	1207952	0.58	cps
Magnesium	24-2	225	167	142	178	24.05	cps
Manganese	55-2	87	87	50	74	28.44	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	PB101280BL	Instrumnet Name :	P8
Client Sample ID :	PB101280BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:09:08	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	258	300	367	308	17.72	cps
Molybdenum	95-1	158	108	108	125	23.09	cps
Molybdenum	96-1	142	133	150	142	5.88	cps
Molybdenum	97-1	92	133	142	122	21.92	cps
Molybdenum	98-1	142	142	150	144	3.33	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	140	120	110	123	12.39	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	4309	4443	4593	4448	3.19	cps
Rhodium	103-1	6260576	6329417	6292894	6294296	0.55	cps
Rhodium	103-2	2044731	1912276	2001415	1986141	3.40	cps
Scandium	45-1	4324957	4240670	4292289	4285972	0.99	cps
Scandium	45-2	42873	40877	42852	42200	2.72	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	7	4	7	6	34.70	cps
Selenium	82-1	-131	-53	14	-56	-128.51	cps
Silicon	28-1	410074	408724	416937	411911	1.07	cps
Silver	109-1	1000	925	992	972	4.23	cps
Silver	107-1	950	1033	1058	1014	5.59	cps
Sodium	23-2	12456	12623	12381	12487	0.99	cps
Strontium	86-1	1442	1375	1233	1350	7.88	cps
Strontium	88-1	208	183	158	183	13.64	cps
Sulfur	34-1	385310	385852	387364	386176	0.28	cps
Terbium	159-1	7422578	7418207	7472564	7437783	0.41	cps
Terbium	159-2	2059230	1933529	2041573	2011444	3.38	cps
Thallium	203-1	400	275	250	308	26.06	cps
Thallium	205-1	775	650	892	772	15.65	cps
Tin	118-1	883	983	900	922	5.81	cps
Titanium	47-1	183	133	108	142	26.96	cps
Uranium	238-1	67	92	50	69	30.20	cps
Vanadium	51-2	10	10	20	13	43.30	cps
Yttrium	89-1	7181259	7212254	7106630	7166715	0.76	cps
Yttrium	89-2	289106	270749	285786	281881	3.47	cps
Zinc	66-2	50	67	33	50	33.34	cps
Zirconium	90-1	658	708	758	708	7.06	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	PB101280BL	Instrumnet Name :	P8
Client Sample ID :	PB101280BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:09:08	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	158	100	131	22.41	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	PB101280BS	Instrumnet Name :	P8
Client Sample ID :	PB101280BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:12:16	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	80713	82272	81174	81386	0.98	cps
Antimony	121-1	4595051	4594702	4687750	4625835	1.16	cps
Arsenic	75-2	69887	71815	69903	70535	1.57	cps
Barium	135-1	4639798	4668966	4700294	4669686	0.65	cps
Barium	137-1	7809203	7963619	7982513	7918445	1.20	cps
Beryllium	9-1	720809	720571	723892	721758	0.26	cps
Bismuth	209-1	4161006	4159593	4184176	4168258	0.33	cps
Bismuth	209-2	1613994	1627335	1615313	1618881	0.45	cps
Boron	10-1	81272	82655	83644	82523	1.44	cps
Boron	11-1	375402	386097	395739	385746	2.64	cps
Cadmium	111-1	999911	1004696	1011487	1005365	0.58	cps
Cadmium	106-1	102782	104864	105561	104402	1.38	cps
Cadmium	108-1	69826	71191	70756	70591	0.99	cps
Calcium	43-1	1110724	1107097	1112354	1110058	0.24	cps
Calcium	44-1	18266202	18229219	18254980	18250134	0.10	cps
Chromium	52-2	581479	589322	580319	583707	0.84	cps
Cobalt	59-2	1199409	1221369	1189427	1203402	1.36	cps
Copper	63-2	2082605	2099388	2070765	2084253	0.69	cps
Dysprosium	156-1	83	25	67	58	51.51	cps
Dysprosium	156-2	20	10	13	14	35.26	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	58	58	42	53	18.23	cps
Gadolinium	160-2	23	13	30	22	37.76	cps
Holmium	165-1	7170976	7114800	7257922	7181232	1.00	cps
Holmium	165-2	2186255	2169643	2182030	2179309	0.40	cps
Indium	115-1	6458278	6407710	6471638	6445875	0.52	cps
Indium	115-2	384108	386995	381641	384248	0.70	cps
Iron	56-2	19918170	20102194	19639175	19886513	1.17	cps
Iron	57-2	501071	502593	491992	498552	1.15	cps
Lead	206-1	2347019	2401156	2428428	2392201	1.73	cps
Lead	207-1	2149168	2182405	2174540	2168704	0.80	cps
Lead	208-1	9579206	9743753	9848476	9723812	1.40	cps
Lithium	6-1	1204799	1213506	1206078	1208128	0.39	cps
Magnesium	24-2	2070477	2109218	2104543	2094746	1.01	cps
Manganese	55-2	332649	337688	333716	334685	0.79	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	PB101280BS	Instrumnet Name :	P8
Client Sample ID :	PB101280BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:12:16	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3812562	3774393	3838994	3808649	0.85	cps
Molybdenum	95-1	2087455	2071759	2077847	2079020	0.38	cps
Molybdenum	96-1	2644190	2607029	2625716	2625645	0.71	cps
Molybdenum	97-1	1240357	1251697	1261698	1251251	0.85	cps
Molybdenum	98-1	3268327	3274514	3275083	3272641	0.11	cps
Neodymium	150-1	167	160	187	171	8.11	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	348168	355473	347508	350383	1.26	cps
Phosphorus	31-2	6644	6168	6485	6432	3.76	cps
Potassium	39-2	648028	652832	648162	649674	0.42	cps
Rhodium	103-1	6165146	6151639	6232516	6183100	0.70	cps
Rhodium	103-2	1989843	1997388	1981470	1989567	0.40	cps
Scandium	45-1	4299412	4241191	4253968	4264857	0.72	cps
Scandium	45-2	44186	44641	43775	44201	0.98	cps
Selenium	77-2	613	543	507	554	9.77	cps
Selenium	78-2	1796	1726	1819	1780	2.72	cps
Selenium	82-1	64892	65123	65536	65183	0.50	cps
Silicon	28-1	2368483	2344031	2337557	2350024	0.69	cps
Silver	109-1	4743739	4803798	4782017	4776518	0.64	cps
Silver	107-1	5011572	5024808	5073901	5036761	0.65	cps
Sodium	23-2	4942512	4991176	4978129	4970606	0.51	cps
Strontium	86-1	1301730	1318580	1321969	1314093	0.82	cps
Strontium	88-1	11248720	11236714	11225910	11237115	0.10	cps
Sulfur	34-1	725917	726093	722995	725002	0.24	cps
Terbium	159-1	7551064	7618922	7724474	7631487	1.15	cps
Terbium	159-2	2109749	2114811	2101331	2108630	0.32	cps
Thallium	203-1	2953792	2975968	3031143	2986968	1.33	cps
Thallium	205-1	6838901	6921537	7038412	6932950	1.45	cps
Tin	118-1	3227116	3213809	3243843	3228256	0.47	cps
Titanium	47-1	575256	576686	578042	576661	0.24	cps
Uranium	238-1	8748874	8852932	8818686	8806831	0.60	cps
Vanadium	51-2	434663	436636	432162	434487	0.52	cps
Yttrium	89-1	7182747	7205856	7222625	7203742	0.28	cps
Yttrium	89-2	286488	295550	287601	289880	1.70	cps
Zinc	66-2	189724	191103	190167	190331	0.37	cps
Zirconium	90-1	7258761	7166095	7320067	7248308	1.07	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	PB101280BS	Instrumnet Name :	P8
Client Sample ID :	PB101280BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:12:16	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1599466	1604766	1642102	1615444	1.44	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-01	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW04	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:15:15	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	125	150	142	10.19	cps
Antimony	121-1	24774	24298	23438	24170	2.80	cps
Arsenic	75-2	176	228	165	190	17.73	cps
Barium	135-1	89158	90165	91197	90173	1.13	cps
Barium	137-1	151545	154349	156424	154106	1.59	cps
Beryllium	9-1	283	222	183	230	21.95	cps
Bismuth	209-1	3638555	3718060	3711573	3689396	1.20	cps
Bismuth	209-2	1433143	1430150	1443655	1435649	0.49	cps
Boron	10-1	4784	4668	4309	4587	5.40	cps
Boron	11-1	22076	21200	19673	20983	5.80	cps
Cadmium	111-1	1373	1365	1438	1392	2.90	cps
Cadmium	106-1	1308	1208	1292	1270	4.22	cps
Cadmium	108-1	50	50	58	53	9.11	cps
Calcium	43-1	2226917	2211956	2229249	2222707	0.42	cps
Calcium	44-1	35863105	35753186	35830683	35815658	0.16	cps
Chromium	52-2	1413	1403	1523	1447	4.60	cps
Cobalt	59-2	4037	4027	4107	4057	1.07	cps
Copper	63-2	8399	8536	8363	8433	1.08	cps
Dysprosium	156-1	575	617	450	547	15.85	cps
Dysprosium	156-2	147	167	150	154	6.94	cps
Erbium	164-1	492	467	375	444	13.82	cps
Erbium	164-2	100	113	173	129	30.31	cps
Gadolinium	160-1	458	450	700	536	26.49	cps
Gadolinium	160-2	180	210	220	203	10.24	cps
Holmium	165-1	6013039	6244390	6264497	6173975	2.26	cps
Holmium	165-2	1865232	1852143	1874233	1863869	0.60	cps
Indium	115-1	5909721	5914960	5915123	5913268	0.05	cps
Indium	115-2	342968	341232	337083	340428	0.89	cps
Iron	56-2	1159645	1164473	1160102	1161407	0.23	cps
Iron	57-2	28797	29554	28758	29036	1.55	cps
Lead	206-1	3045	2661	2350	2686	12.96	cps
Lead	207-1	2678	2250	1967	2298	15.58	cps
Lead	208-1	11980	10524	9524	10676	11.57	cps
Lithium	6-1	1101757	1115762	1154498	1124006	2.43	cps
Magnesium	24-2	250935	244314	248286	247845	1.34	cps
Manganese	55-2	191960	190290	187178	189809	1.28	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-01	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW04	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:15:15	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1475	1575	1533	1528	3.29	cps
Molybdenum	95-1	858	892	792	847	6.01	cps
Molybdenum	96-1	975	1017	1125	1039	7.45	cps
Molybdenum	97-1	617	575	783	658	16.75	cps
Molybdenum	98-1	1392	1250	1333	1325	5.37	cps
Neodymium	150-1	940	860	1047	949	9.87	cps
Neodymium	150-2	163	193	123	160	21.95	cps
Nickel	60-2	1260	1193	1240	1231	2.78	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	24180	23562	22544	23429	3.53	cps
Rhodium	103-1	5374677	5401598	5427110	5401128	0.49	cps
Rhodium	103-2	1776198	1769696	1758316	1768070	0.51	cps
Scandium	45-1	3778496	3821950	3795380	3798609	0.58	cps
Scandium	45-2	37968	37323	38092	37794	1.09	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	2	9	0	4	132.32	cps
Selenium	82-1	-12	148	27	54	154.58	cps
Silicon	28-1	14737488	14810089	14833388	14793655	0.34	cps
Silver	109-1	45972	44458	41724	44051	4.89	cps
Silver	107-1	49015	45813	45101	46643	4.47	cps
Sodium	23-2	195324	191930	190372	192542	1.31	cps
Strontium	86-1	1083948	1097199	1107225	1096124	1.07	cps
Strontium	88-1	9236773	9434998	9397814	9356529	1.13	cps
Sulfur	34-1	370788	368218	366717	368574	0.56	cps
Terbium	159-1	6360636	6611304	6731729	6567890	2.88	cps
Terbium	159-2	1828639	1792744	1822998	1814793	1.06	cps
Thallium	203-1	1208	825	658	897	31.43	cps
Thallium	205-1	2617	1834	1717	2056	23.81	cps
Tin	118-1	18505	19674	19649	19276	3.46	cps
Titanium	47-1	775	750	642	722	9.81	cps
Uranium	238-1	7227	7453	7586	7422	2.44	cps
Vanadium	51-2	97	103	120	107	11.26	cps
Yttrium	89-1	6140027	6236973	6233882	6203627	0.89	cps
Yttrium	89-2	249959	246461	246436	247619	0.82	cps
Zinc	66-2	1457	1363	1483	1435	4.39	cps
Zirconium	90-1	3353	2925	2625	2968	12.32	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-01	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW04	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:15:15	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	567	600	517	561	7.48	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-02	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW03	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:18:22	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	208	200	214	8.11	cps
Antimony	121-1	16419	17504	17012	16978	3.20	cps
Arsenic	75-2	269	209	265	248	13.41	cps
Barium	135-1	95193	96525	95174	95631	0.81	cps
Barium	137-1	165922	166046	166190	166053	0.08	cps
Beryllium	9-1	161	200	183	181	10.75	cps
Bismuth	209-1	4012451	4012639	3975954	4000348	0.53	cps
Bismuth	209-2	1431969	1434242	1478647	1448286	1.82	cps
Boron	10-1	3225	3251	3301	3259	1.17	cps
Boron	11-1	14391	13891	13949	14077	1.94	cps
Cadmium	111-1	1260	1227	1069	1185	8.61	cps
Cadmium	106-1	1283	1275	1058	1206	10.58	cps
Cadmium	108-1	38	17	38	31	39.36	cps
Calcium	43-1	1601115	1595199	1591716	1596010	0.30	cps
Calcium	44-1	25901409	25766273	25675879	25781187	0.44	cps
Chromium	52-2	3624	3430	3424	3493	3.25	cps
Cobalt	59-2	1503	1490	1577	1523	3.06	cps
Copper	63-2	7145	7129	7405	7226	2.15	cps
Dysprosium	156-1	425	508	492	475	9.28	cps
Dysprosium	156-2	93	87	120	100	17.64	cps
Erbium	164-1	425	325	458	403	17.23	cps
Erbium	164-2	87	113	107	102	13.58	cps
Gadolinium	160-1	508	342	592	481	26.49	cps
Gadolinium	160-2	140	200	147	162	20.27	cps
Holmium	165-1	6670736	6548894	6594994	6604874	0.93	cps
Holmium	165-2	1862177	1841315	1917670	1873721	2.11	cps
Indium	115-1	5967045	5994998	5855752	5939265	1.24	cps
Indium	115-2	326278	324574	337161	329338	2.07	cps
Iron	56-2	1477933	1494435	1535373	1502580	1.97	cps
Iron	57-2	35852	35747	37757	36452	3.10	cps
Lead	206-1	3145	3389	3228	3254	3.82	cps
Lead	207-1	2695	2889	2767	2784	3.53	cps
Lead	208-1	13131	13409	12770	13103	2.45	cps
Lithium	6-1	1226333	1276620	1266146	1256366	2.11	cps
Magnesium	24-2	196744	195297	205625	199222	2.81	cps
Manganese	55-2	199648	199449	207270	202123	2.21	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-02	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW03	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:18:22	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1667	1642	1567	1625	3.20	cps
Molybdenum	95-1	1167	1242	1308	1239	5.72	cps
Molybdenum	96-1	1325	1767	1383	1492	16.09	cps
Molybdenum	97-1	883	900	833	872	3.98	cps
Molybdenum	98-1	2159	2434	2017	2203	9.62	cps
Neodymium	150-1	1007	753	793	851	16.00	cps
Neodymium	150-2	100	150	153	134	22.22	cps
Nickel	60-2	767	767	903	812	9.72	cps
Phosphorus	31-2	8	33	8	17	86.62	cps
Potassium	39-2	19389	19439	19664	19497	0.75	cps
Rhodium	103-1	5447723	5541517	5523960	5504400	0.91	cps
Rhodium	103-2	1744731	1754754	1796361	1765282	1.55	cps
Scandium	45-1	3714424	3741353	3653888	3703222	1.21	cps
Scandium	45-2	35739	35522	36571	35944	1.54	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	4	6	6	5	21.74	cps
Selenium	82-1	-32	-61	-1	-31	-95.27	cps
Silicon	28-1	11052469	11103167	10856644	11004093	1.18	cps
Silver	109-1	27989	26351	25726	26689	4.38	cps
Silver	107-1	28932	28456	28089	28492	1.48	cps
Sodium	23-2	178921	175856	183148	179308	2.04	cps
Strontium	86-1	898138	908273	901006	902472	0.58	cps
Strontium	88-1	7771188	7758225	7704663	7744692	0.46	cps
Sulfur	34-1	363295	359888	359013	360732	0.63	cps
Terbium	159-1	7004453	7088203	7047102	7046586	0.59	cps
Terbium	159-2	1824967	1803113	1857832	1828637	1.51	cps
Thallium	203-1	217	200	242	219	9.56	cps
Thallium	205-1	567	533	542	547	3.17	cps
Tin	118-1	15268	16594	16536	16133	4.65	cps
Titanium	47-1	825	975	725	842	14.95	cps
Uranium	238-1	4484	4143	4068	4231	5.25	cps
Vanadium	51-2	123	77	110	103	23.26	cps
Yttrium	89-1	6310047	6311857	6256785	6292897	0.50	cps
Yttrium	89-2	237577	235973	247379	240310	2.57	cps
Zinc	66-2	1527	1480	1597	1535	3.83	cps
Zirconium	90-1	1842	1725	2034	1867	8.34	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-02	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW03	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:18:22	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	458	492	433	461	6.35	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-03	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW02	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:21:29	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	67	58	78	34.44	cps
Antimony	121-1	14867	15468	15576	15304	2.50	cps
Arsenic	75-2	98	98	161	119	30.51	cps
Barium	135-1	108416	111324	107904	109215	1.69	cps
Barium	137-1	188628	189640	188956	189075	0.27	cps
Beryllium	9-1	156	128	161	148	12.06	cps
Bismuth	209-1	4133504	4130831	4147514	4137283	0.22	cps
Bismuth	209-2	1459362	1476977	1473905	1470081	0.64	cps
Boron	10-1	3167	2875	2825	2956	6.24	cps
Boron	11-1	12998	13048	13340	13129	1.41	cps
Cadmium	111-1	1024	1087	1003	1038	4.18	cps
Cadmium	106-1	1158	1242	1133	1178	4.82	cps
Cadmium	108-1	17	17	33	22	43.28	cps
Calcium	43-1	1693535	1672284	1656153	1673991	1.12	cps
Calcium	44-1	27143868	26933482	26727504	26934951	0.77	cps
Chromium	52-2	1523	1373	1423	1440	5.30	cps
Cobalt	59-2	143	167	170	160	9.08	cps
Copper	63-2	6468	6388	6662	6506	2.16	cps
Dysprosium	156-1	108	67	67	81	29.86	cps
Dysprosium	156-2	27	23	20	23	14.29	cps
Erbium	164-1	150	92	117	119	24.50	cps
Erbium	164-2	13	13	17	14	13.35	cps
Gadolinium	160-1	100	100	108	103	4.68	cps
Gadolinium	160-2	47	33	23	34	34.00	cps
Holmium	165-1	6850722	7005291	7012403	6956138	1.31	cps
Holmium	165-2	1917725	1915220	1934301	1922415	0.54	cps
Indium	115-1	6127436	6129547	6096861	6117948	0.30	cps
Indium	115-2	332305	332465	332655	332475	0.05	cps
Iron	56-2	16616	16772	16799	16729	0.59	cps
Iron	57-2	439	494	372	435	14.06	cps
Lead	206-1	1367	1422	1306	1365	4.28	cps
Lead	207-1	1328	1161	1256	1248	6.70	cps
Lead	208-1	5451	5428	5312	5397	1.38	cps
Lithium	6-1	1335682	1334549	1339684	1336638	0.20	cps
Magnesium	24-2	405314	397947	403554	402272	0.96	cps
Manganese	55-2	8072	8119	8286	8159	1.38	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-03	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW02	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:21:29	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	600	625	575	600	4.17	cps
Molybdenum	95-1	617	417	517	517	19.36	cps
Molybdenum	96-1	517	567	550	544	4.67	cps
Molybdenum	97-1	450	383	417	417	8.00	cps
Molybdenum	98-1	900	1083	925	970	10.26	cps
Neodymium	150-1	160	160	113	144	18.65	cps
Neodymium	150-2	23	27	27	26	7.55	cps
Nickel	60-2	357	333	307	332	7.53	cps
Phosphorus	31-2	8	25	0	11	114.58	cps
Potassium	39-2	17078	16819	16544	16813	1.59	cps
Rhodium	103-1	5706358	5727282	5719472	5717704	0.18	cps
Rhodium	103-2	1802003	1800754	1794712	1799157	0.22	cps
Scandium	45-1	3830235	3793920	3789103	3804419	0.59	cps
Scandium	45-2	36671	36036	36367	36358	0.87	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	7	2	4	86.68	cps
Selenium	82-1	-14	-64	-40	-40	-63.15	cps
Silicon	28-1	16272083	16366537	16358947	16332522	0.32	cps
Silver	109-1	19490	18130	18647	18756	3.66	cps
Silver	107-1	20166	20124	19265	19852	2.56	cps
Sodium	23-2	294173	289192	293665	292343	0.94	cps
Strontium	86-1	1166444	1180322	1174356	1173708	0.59	cps
Strontium	88-1	10122955	10197107	10028204	10116089	0.84	cps
Sulfur	34-1	480113	479257	481256	480209	0.21	cps
Terbium	159-1	7187550	7286425	7378523	7284166	1.31	cps
Terbium	159-2	1881185	1858535	1860898	1866873	0.67	cps
Thallium	203-1	192	233	208	211	9.93	cps
Thallium	205-1	417	500	367	428	15.75	cps
Tin	118-1	36259	35632	35707	35866	0.95	cps
Titanium	47-1	742	567	733	681	14.51	cps
Uranium	238-1	24366	24993	26304	25221	3.92	cps
Vanadium	51-2	70	77	67	71	7.16	cps
Yttrium	89-1	6460950	6477758	6369297	6436002	0.91	cps
Yttrium	89-2	243074	243161	244067	243434	0.23	cps
Zinc	66-2	1290	1350	1510	1383	8.22	cps
Zirconium	90-1	1267	917	1000	1061	17.23	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-03	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW02	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:21:29	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	275	200	275	250	17.32	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-04	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:24:36	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	67	67	67	0.00	cps
Antimony	121-1	16770	16594	17220	16861	1.92	cps
Arsenic	75-2	319	372	317	336	9.40	cps
Barium	135-1	137111	135016	137448	136525	0.97	cps
Barium	137-1	236804	233301	235835	235313	0.77	cps
Beryllium	9-1	133	139	156	143	8.11	cps
Bismuth	209-1	4258430	4233953	4260726	4251036	0.35	cps
Bismuth	209-2	1484209	1468957	1366743	1439970	4.44	cps
Boron	10-1	2334	2317	2300	2317	0.72	cps
Boron	11-1	10896	10905	10963	10921	0.33	cps
Cadmium	111-1	1060	1213	913	1062	14.15	cps
Cadmium	106-1	1183	1442	1033	1220	16.94	cps
Cadmium	108-1	21	13	33	22	47.18	cps
Calcium	43-1	1684681	1683025	1688464	1685390	0.17	cps
Calcium	44-1	27298479	27280255	27137752	27238828	0.32	cps
Chromium	52-2	2297	2157	2257	2237	3.22	cps
Cobalt	59-2	3941	4164	4384	4163	5.33	cps
Copper	63-2	6318	6425	6308	6350	1.02	cps
Dysprosium	156-1	200	167	183	183	9.09	cps
Dysprosium	156-2	40	30	20	30	33.33	cps
Erbium	164-1	117	117	183	139	27.71	cps
Erbium	164-2	37	30	37	34	11.18	cps
Gadolinium	160-1	150	150	142	147	3.27	cps
Gadolinium	160-2	53	50	37	47	18.89	cps
Holmium	165-1	6897828	7089649	7098408	7028628	1.61	cps
Holmium	165-2	1895112	1902315	1776467	1857965	3.80	cps
Indium	115-1	6017926	6099944	6125931	6081267	0.93	cps
Indium	115-2	324392	323739	297105	315078	4.94	cps
Iron	56-2	2062546	2002693	2026880	2030706	1.48	cps
Iron	57-2	50325	49349	49616	49763	1.01	cps
Lead	206-1	1811	1822	1689	1774	4.17	cps
Lead	207-1	1472	1606	1606	1561	4.93	cps
Lead	208-1	7118	7023	7012	7051	0.82	cps
Lithium	6-1	1348959	1363037	1374001	1361999	0.92	cps
Magnesium	24-2	310448	306183	306775	307802	0.75	cps
Manganese	55-2	314935	311313	312788	313012	0.58	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-04	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:24:36	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1075	1292	1183	1183	9.15	cps
Molybdenum	95-1	1358	1342	1367	1356	0.94	cps
Molybdenum	96-1	1634	1634	1750	1672	4.03	cps
Molybdenum	97-1	833	833	883	850	3.40	cps
Molybdenum	98-1	2184	2392	2284	2286	4.56	cps
Neodymium	150-1	213	240	207	220	8.02	cps
Neodymium	150-2	27	37	47	37	27.27	cps
Nickel	60-2	947	780	807	844	10.60	cps
Phosphorus	31-2	42	8	17	22	78.07	cps
Potassium	39-2	20182	19456	19589	19742	1.96	cps
Rhodium	103-1	5704660	5730068	5653138	5695955	0.69	cps
Rhodium	103-2	1782408	1799066	1623982	1735152	5.57	cps
Scandium	45-1	3809481	3761449	3727201	3766043	1.10	cps
Scandium	45-2	35759	35321	32615	34565	4.93	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	6	0	7	4	89.21	cps
Selenium	82-1	-43	-82	3	-41	-104.76	cps
Silicon	28-1	16299096	16355333	16346584	16333671	0.19	cps
Silver	109-1	16386	15443	15017	15615	4.48	cps
Silver	107-1	16552	16419	16110	16360	1.39	cps
Sodium	23-2	258687	254184	254157	255676	1.02	cps
Strontium	86-1	1105029	1106407	1105487	1105641	0.06	cps
Strontium	88-1	9472134	9479296	9563945	9505125	0.54	cps
Sulfur	34-1	335677	330978	329910	332188	0.92	cps
Terbium	159-1	7348724	7480978	7495059	7441587	1.08	cps
Terbium	159-2	1874522	1828384	1706005	1802970	4.83	cps
Thallium	203-1	108	142	175	142	23.53	cps
Thallium	205-1	333	350	333	339	2.84	cps
Tin	118-1	21877	23906	23814	23199	4.94	cps
Titanium	47-1	650	2492	450	1197	94.01	cps
Uranium	238-1	8261	7920	7903	8028	2.52	cps
Vanadium	51-2	63	47	73	61	22.04	cps
Yttrium	89-1	6390175	6394803	6489430	6424803	0.87	cps
Yttrium	89-2	240412	236143	218908	231821	4.91	cps
Zinc	66-2	1617	1623	1643	1628	0.85	cps
Zirconium	90-1	1333	1375	1392	1367	2.20	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-04	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:24:36	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	342	292	342	325	8.88	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-05	Instrumnet Name :	P8
Client Sample ID :	SP17-GMZ6-ER2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:27:44	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	58	50	50	16.67	cps
Antimony	121-1	15276	15943	15627	15615	2.14	cps
Arsenic	75-2	93	111	96	100	9.80	cps
Barium	135-1	100	117	100	106	9.11	cps
Barium	137-1	250	225	167	214	19.99	cps
Beryllium	9-1	161	139	128	143	11.91	cps
Bismuth	209-1	4278456	4233165	4323536	4278386	1.06	cps
Bismuth	209-2	1461979	1472555	1465887	1466807	0.36	cps
Boron	10-1	1308	1242	1275	1275	2.61	cps
Boron	11-1	6010	6385	5793	6063	4.94	cps
Cadmium	111-1	991	898	873	921	6.79	cps
Cadmium	106-1	1258	1183	1008	1150	11.16	cps
Cadmium	108-1	21	38	0	19	96.63	cps
Calcium	43-1	2717	3075	2959	2917	6.27	cps
Calcium	44-1	53863	52583	53311	53252	1.21	cps
Chromium	52-2	1157	1240	1257	1218	4.40	cps
Cobalt	59-2	70	30	50	50	40.00	cps
Copper	63-2	5451	5755	5548	5585	2.78	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	50	33	33	50.00	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	67	67	42	58	24.74	cps
Gadolinium	160-2	13	7	10	10	33.30	cps
Holmium	165-1	6955386	6936960	7085711	6992686	1.16	cps
Holmium	165-2	1911224	1874102	1871505	1885610	1.18	cps
Indium	115-1	6090018	6094083	6031932	6072011	0.57	cps
Indium	115-2	321888	322172	318872	320977	0.57	cps
Iron	56-2	3539	3545	3223	3436	5.37	cps
Iron	57-2	72	89	122	94	26.96	cps
Lead	206-1	1045	1006	1083	1045	3.72	cps
Lead	207-1	839	761	933	844	10.21	cps
Lead	208-1	3845	3939	4173	3986	4.23	cps
Lithium	6-1	1331297	1324401	1356843	1337514	1.28	cps
Magnesium	24-2	283	250	358	297	18.67	cps
Manganese	55-2	150	163	153	156	4.46	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-05	Instrumnet Name :	P8
Client Sample ID :	SP17-GMZ6-ER2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:27:44	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	325	333	258	306	13.45	cps
Molybdenum	95-1	133	125	125	128	3.76	cps
Molybdenum	96-1	233	200	267	233	14.29	cps
Molybdenum	97-1	208	158	192	186	13.68	cps
Molybdenum	98-1	442	450	425	439	2.90	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	127	123	137	129	5.38	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	4518	4142	4601	4420	5.53	cps
Rhodium	103-1	5705602	5710719	5765597	5727306	0.58	cps
Rhodium	103-2	1801648	1794535	1779402	1791862	0.63	cps
Scandium	45-1	3676231	3690322	3730694	3699082	0.76	cps
Scandium	45-2	35224	34890	34456	34857	1.11	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	4	9	4	6	57.80	cps
Selenium	82-1	-102	-24	-124	-84	-62.64	cps
Silicon	28-1	363768	360690	361407	361955	0.44	cps
Silver	109-1	13365	12348	12406	12707	4.50	cps
Silver	107-1	13707	13432	12915	13352	3.01	cps
Sodium	23-2	22018	21734	21434	21728	1.34	cps
Strontium	86-1	1433	1450	1292	1392	6.25	cps
Strontium	88-1	2300	2592	2284	2392	7.25	cps
Sulfur	34-1	317765	314427	315134	315776	0.56	cps
Terbium	159-1	7290994	7405817	7318596	7338469	0.82	cps
Terbium	159-2	1867020	1846056	1828333	1847136	1.05	cps
Thallium	203-1	117	208	133	153	31.96	cps
Thallium	205-1	358	308	233	300	20.97	cps
Tin	118-1	11672	13157	12949	12593	6.38	cps
Titanium	47-1	258	308	383	317	19.87	cps
Uranium	238-1	50	58	83	64	27.15	cps
Vanadium	51-2	57	67	47	57	17.65	cps
Yttrium	89-1	6332197	6282086	6384804	6333029	0.81	cps
Yttrium	89-2	235305	233572	233850	234242	0.40	cps
Zinc	66-2	887	867	823	859	3.77	cps
Zirconium	90-1	725	758	750	745	2.33	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-05	Instrumnet Name :	P8
Client Sample ID :	SP17-GMZ6-ER2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:27:44	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	233	150	167	183	24.05	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-06	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW05	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:30:52	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	183	250	219	15.35	cps
Antimony	121-1	15918	16686	16661	16422	2.66	cps
Arsenic	75-2	883	846	863	864	2.15	cps
Barium	135-1	141425	144970	144968	143788	1.42	cps
Barium	137-1	247165	250476	248945	248862	0.67	cps
Beryllium	9-1	183	117	133	144	24.02	cps
Bismuth	209-1	4283731	4357384	4366638	4335918	1.05	cps
Bismuth	209-2	1380969	1457307	1464178	1434151	3.22	cps
Boron	10-1	1675	1825	1892	1797	6.17	cps
Boron	11-1	7519	8103	7819	7814	3.74	cps
Cadmium	111-1	973	972	903	949	4.22	cps
Cadmium	106-1	1275	1200	1175	1217	4.28	cps
Cadmium	108-1	17	38	46	33	45.06	cps
Calcium	43-1	2154892	2174240	2163734	2164289	0.45	cps
Calcium	44-1	34593761	34463968	34890390	34649373	0.63	cps
Chromium	52-2	1287	1313	1303	1301	1.04	cps
Cobalt	59-2	3661	3851	3794	3768	2.59	cps
Copper	63-2	5855	5718	5698	5757	1.48	cps
Dysprosium	156-1	425	475	383	428	10.73	cps
Dysprosium	156-2	113	90	110	104	12.08	cps
Erbium	164-1	558	525	550	544	3.19	cps
Erbium	164-2	107	113	127	116	8.81	cps
Gadolinium	160-1	508	425	542	492	12.22	cps
Gadolinium	160-2	130	113	167	137	19.96	cps
Holmium	165-1	7173266	7287453	7324815	7261845	1.09	cps
Holmium	165-2	1784408	1889025	1888229	1853887	3.25	cps
Indium	115-1	6110394	6177523	6220411	6169443	0.90	cps
Indium	115-2	303250	315537	314248	311012	2.17	cps
Iron	56-2	2965323	2928691	2962957	2952324	0.69	cps
Iron	57-2	71254	72918	71673	71948	1.20	cps
Lead	206-1	1378	1189	1106	1224	11.40	cps
Lead	207-1	1039	1206	1028	1091	9.13	cps
Lead	208-1	5062	5206	4767	5012	4.46	cps
Lithium	6-1	1336738	1336124	1335493	1336118	0.05	cps
Magnesium	24-2	312552	313413	313951	313306	0.23	cps
Manganese	55-2	239491	237365	237715	238190	0.48	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-06	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW05	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:30:52	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1350	1342	1317	1336	1.30	cps
Molybdenum	95-1	558	583	575	572	2.23	cps
Molybdenum	96-1	750	783	900	811	9.71	cps
Molybdenum	97-1	308	442	508	419	24.28	cps
Molybdenum	98-1	1292	1225	1050	1189	10.50	cps
Neodymium	150-1	767	680	700	716	6.34	cps
Neodymium	150-2	103	93	113	103	9.68	cps
Nickel	60-2	863	827	847	846	2.17	cps
Phosphorus	31-2	17	0	25	14	91.65	cps
Potassium	39-2	16360	16694	17412	16822	3.19	cps
Rhodium	103-1	5810448	5723491	5818455	5784131	0.91	cps
Rhodium	103-2	1701186	1751236	1754682	1735701	1.73	cps
Scandium	45-1	3758767	3752097	3754189	3755018	0.09	cps
Scandium	45-2	32698	34466	34329	33831	2.91	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	7	7	5	86.60	cps
Selenium	82-1	14	-79	38	-9	-685.28	cps
Silicon	28-1	18275429	18300422	18265290	18280380	0.10	cps
Silver	109-1	11839	10796	10847	11161	5.27	cps
Silver	107-1	12031	12214	11039	11761	5.38	cps
Sodium	23-2	191556	189606	186988	189383	1.21	cps
Strontium	86-1	1229344	1252727	1254491	1245521	1.13	cps
Strontium	88-1	10707252	10806108	10804628	10772662	0.53	cps
Sulfur	34-1	319664	314996	316667	317109	0.75	cps
Terbium	159-1	7539180	7756898	7602457	7632845	1.47	cps
Terbium	159-2	1734406	1822714	1831647	1796256	2.99	cps
Thallium	203-1	83	117	142	114	25.69	cps
Thallium	205-1	242	308	183	244	25.59	cps
Tin	118-1	12173	12365	12923	12487	3.12	cps
Titanium	47-1	750	1000	642	797	23.05	cps
Uranium	238-1	7161	7303	7711	7391	3.87	cps
Vanadium	51-2	53	100	133	96	42.06	cps
Yttrium	89-1	6494058	6420387	6461488	6458644	0.57	cps
Yttrium	89-2	220713	232355	232217	228428	2.93	cps
Zinc	66-2	1427	1553	1737	1572	9.91	cps
Zirconium	90-1	2717	3167	2792	2892	8.34	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-06	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW05	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:30:52	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	758	600	625	661	12.88	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-07	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW05-9001	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:33:59	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	333	367	317	18.98	cps
Antimony	121-1	15376	15610	15610	15532	0.87	cps
Arsenic	75-2	933	787	787	836	10.11	cps
Barium	135-1	141087	142485	144727	142766	1.29	cps
Barium	137-1	242997	247928	250253	247059	1.50	cps
Beryllium	9-1	194	128	111	144	30.53	cps
Bismuth	209-1	4432321	4409187	4411435	4417648	0.29	cps
Bismuth	209-2	1478179	1478522	1481970	1479557	0.14	cps
Boron	10-1	1575	1492	1717	1595	7.14	cps
Boron	11-1	7569	7753	7919	7747	2.26	cps
Cadmium	111-1	908	789	951	883	9.49	cps
Cadmium	106-1	1217	1033	1283	1178	10.99	cps
Cadmium	108-1	50	25	8	28	75.52	cps
Calcium	43-1	2113788	2161249	2096004	2123680	1.59	cps
Calcium	44-1	34030000	34450841	34549418	34343420	0.80	cps
Chromium	52-2	1443	1327	1293	1355	5.82	cps
Cobalt	59-2	3937	3807	3961	3902	2.12	cps
Copper	63-2	5581	5861	5778	5740	2.51	cps
Dysprosium	156-1	575	383	483	481	19.95	cps
Dysprosium	156-2	133	133	173	147	15.75	cps
Erbium	164-1	375	458	450	428	10.73	cps
Erbium	164-2	97	110	87	98	11.97	cps
Gadolinium	160-1	433	558	525	506	12.80	cps
Gadolinium	160-2	120	167	153	147	16.39	cps
Holmium	165-1	7226543	7282277	7308767	7272529	0.58	cps
Holmium	165-2	1929277	1913756	1919725	1920920	0.41	cps
Indium	115-1	6142427	6202395	6230577	6191800	0.73	cps
Indium	115-2	316434	319802	316764	317667	0.58	cps
Iron	56-2	2942045	2939391	2910701	2930712	0.59	cps
Iron	57-2	71058	72013	72482	71851	1.01	cps
Lead	206-1	1511	1445	1517	1491	2.70	cps
Lead	207-1	1211	1178	1050	1146	7.42	cps
Lead	208-1	5745	5345	5356	5482	4.16	cps
Lithium	6-1	1313237	1321631	1310307	1315058	0.45	cps
Magnesium	24-2	313187	308827	307929	309981	0.91	cps
Manganese	55-2	235463	235590	237396	236149	0.46	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-07	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW05-9001	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:33:59	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1383	1358	1383	1375	1.05	cps
Molybdenum	95-1	600	608	792	667	16.25	cps
Molybdenum	96-1	817	883	967	889	8.46	cps
Molybdenum	97-1	625	550	567	581	6.78	cps
Molybdenum	98-1	1117	1150	1283	1183	7.45	cps
Neodymium	150-1	860	827	867	851	2.52	cps
Neodymium	150-2	157	123	133	138	12.41	cps
Nickel	60-2	827	990	980	932	9.82	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	16844	16285	16577	16569	1.69	cps
Rhodium	103-1	5785278	5800743	5770714	5785578	0.26	cps
Rhodium	103-2	1797890	1786907	1781653	1788817	0.46	cps
Scandium	45-1	3749090	3809310	3731634	3763345	1.08	cps
Scandium	45-2	34563	34693	34980	34745	0.62	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	2	4	4	3	34.64	cps
Selenium	82-1	35	-143	-82	-63	-143.19	cps
Silicon	28-1	18048347	18135323	18132812	18105494	0.27	cps
Silver	109-1	8962	7853	7753	8189	8.20	cps
Silver	107-1	8511	8495	8570	8525	0.46	cps
Sodium	23-2	187495	188920	192179	189531	1.27	cps
Strontium	86-1	1223485	1239819	1236166	1233157	0.70	cps
Strontium	88-1	10591969	10741260	10601589	10644939	0.78	cps
Sulfur	34-1	317987	316053	311002	315014	1.14	cps
Terbium	159-1	7712085	7634354	7646545	7664328	0.55	cps
Terbium	159-2	1860147	1848960	1851659	1853589	0.31	cps
Thallium	203-1	92	92	108	97	9.90	cps
Thallium	205-1	267	183	300	250	24.04	cps
Tin	118-1	10746	11464	11447	11219	3.65	cps
Titanium	47-1	1058	1133	958	1050	8.36	cps
Uranium	238-1	7970	7411	7669	7683	3.64	cps
Vanadium	51-2	143	133	133	137	4.22	cps
Yttrium	89-1	6427216	6495418	6504027	6475554	0.65	cps
Yttrium	89-2	231640	234488	233637	233255	0.63	cps
Zinc	66-2	1050	977	1103	1043	6.10	cps
Zirconium	90-1	2959	2850	2959	2923	2.14	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-07	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW05-9001	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:33:59	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	633	575	817	675	18.68	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:37:05	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	356705	363687	365702	362031	1.30	cps
Antimony	121-1	4295419	4342530	4364742	4334230	0.82	cps
Arsenic	75-2	64924	64726	65657	65102	0.75	cps
Barium	135-1	4818275	4877814	4886654	4860914	0.77	cps
Barium	137-1	8181896	8295629	8367314	8281613	1.13	cps
Beryllium	9-1	704127	704914	696481	701841	0.66	cps
Bismuth	209-1	4416545	4123685	4396436	4312222	3.79	cps
Bismuth	209-2	1588096	1607542	1622639	1606092	1.08	cps
Boron	10-1	80291	80902	83660	81618	2.20	cps
Boron	11-1	367740	381034	379210	375995	1.92	cps
Cadmium	111-1	994553	1016463	1000855	1003957	1.12	cps
Cadmium	106-1	103723	106216	104790	104910	1.19	cps
Cadmium	108-1	69830	70806	70358	70331	0.69	cps
Calcium	43-1	5422174	5399166	5314438	5378593	1.05	cps
Calcium	44-1	87903873	87513883	86515771	87311176	0.82	cps
Chromium	52-2	541510	546861	549138	545837	0.72	cps
Cobalt	59-2	1117087	1124595	1122437	1121373	0.34	cps
Copper	63-2	1907760	1945305	1955208	1936091	1.29	cps
Dysprosium	156-1	133	125	92	117	18.90	cps
Dysprosium	156-2	47	23	17	29	54.53	cps
Erbium	164-1	33	42	83	53	50.76	cps
Erbium	164-2	20	7	10	12	56.76	cps
Gadolinium	160-1	117	92	133	114	18.41	cps
Gadolinium	160-2	30	43	10	28	60.40	cps
Holmium	165-1	7811109	7169925	7808686	7596573	4.86	cps
Holmium	165-2	2177804	2173320	2177836	2176320	0.12	cps
Indium	115-1	6548321	6008445	6452074	6336280	4.54	cps
Indium	115-2	352722	352762	355766	353750	0.49	cps
Iron	56-2	86663316	87066921	87292816	87007684	0.37	cps
Iron	57-2	2176213	2246917	2216414	2213181	1.60	cps
Lead	206-1	2603387	2654363	2618169	2625306	1.00	cps
Lead	207-1	2386999	2396829	2319651	2367826	1.77	cps
Lead	208-1	10509533	10726647	10568566	10601582	1.06	cps
Lithium	6-1	1174093	1069996	1155659	1133249	4.90	cps
Magnesium	24-2	9129368	9182206	9307702	9206425	0.99	cps
Manganese	55-2	297975	298225	302329	299510	0.82	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:37:05	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3887367	3869829	3863123	3873440	0.32	cps
Molybdenum	95-1	2137636	2160551	2126213	2141466	0.82	cps
Molybdenum	96-1	2709013	2734826	2716781	2720207	0.49	cps
Molybdenum	97-1	1280646	1295923	1293160	1289910	0.63	cps
Molybdenum	98-1	3352455	3402183	3382306	3378982	0.74	cps
Neodymium	150-1	173	233	180	196	16.82	cps
Neodymium	150-2	3	3	13	7	86.65	cps
Nickel	60-2	325004	328324	327316	326881	0.52	cps
Phosphorus	31-2	6210	5635	5493	5779	6.57	cps
Potassium	39-2	2812218	2793973	2836459	2814217	0.76	cps
Rhodium	103-1	6191062	5729499	6089344	6003302	4.04	cps
Rhodium	103-2	1904138	1873769	1876234	1884714	0.89	cps
Scandium	45-1	4238142	3893307	4164753	4098734	4.43	cps
Scandium	45-2	39418	39563	40081	39687	0.88	cps
Selenium	77-2	420	443	533	466	12.85	cps
Selenium	78-2	1567	1585	1504	1552	2.75	cps
Selenium	82-1	63962	64932	64114	64336	0.81	cps
Silicon	28-1	2233494	2257061	2221679	2237411	0.81	cps
Silver	109-1	4719765	4769193	4698082	4729013	0.77	cps
Silver	107-1	5043956	5058270	5058562	5053596	0.17	cps
Sodium	23-2	22192061	22417247	22580501	22396603	0.87	cps
Strontium	86-1	1343573	1357675	1347446	1349565	0.54	cps
Strontium	88-1	11576030	11605273	11484051	11555118	0.55	cps
Sulfur	34-1	696233	698563	696694	697163	0.18	cps
Terbium	159-1	8138250	7536808	8148761	7941273	4.41	cps
Terbium	159-2	2081210	2138050	2128023	2115761	1.43	cps
Thallium	203-1	3209923	3285020	3272787	3255910	1.24	cps
Thallium	205-1	7489242	7604138	7443325	7512235	1.10	cps
Tin	118-1	3297927	3294561	3294550	3295680	0.06	cps
Titanium	47-1	570114	567606	566607	568109	0.32	cps
Uranium	238-1	9889805	10040850	9998782	9976479	0.78	cps
Vanadium	51-2	404858	404111	407270	405413	0.41	cps
Yttrium	89-1	7238181	6562054	7064551	6954928	5.05	cps
Yttrium	89-2	267031	266370	266698	266700	0.12	cps
Zinc	66-2	168756	170763	171043	170187	0.73	cps
Zirconium	90-1	7347982	7353050	7295351	7332128	0.44	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:37:05	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1655971	1643470	1655891	1651777	0.44	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:40:04	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	25	19	49.50	cps
Antimony	121-1	2167	2275	2342	2261	3.91	cps
Arsenic	75-2	9	9	9	9	0.00	cps
Barium	135-1	50	42	25	39	32.73	cps
Barium	137-1	108	58	42	69	49.96	cps
Beryllium	9-1	222	206	172	200	12.73	cps
Bismuth	209-1	4532995	4583537	4545286	4553939	0.58	cps
Bismuth	209-2	1691874	1669717	1659751	1673781	0.98	cps
Boron	10-1	2950	2567	2367	2628	11.28	cps
Boron	11-1	11797	10921	10579	11099	5.66	cps
Cadmium	111-1	1037	994	1077	1036	4.00	cps
Cadmium	106-1	1375	1358	1484	1406	4.83	cps
Cadmium	108-1	13	4	17	11	57.27	cps
Calcium	43-1	2392	2484	2450	2442	1.90	cps
Calcium	44-1	47900	46411	46428	46913	1.82	cps
Chromium	52-2	950	930	1040	973	6.02	cps
Cobalt	59-2	20	23	37	27	33.08	cps
Copper	63-2	803	753	807	788	3.79	cps
Dysprosium	156-1	8	25	42	25	66.68	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	10	17	17	14	26.66	cps
Gadolinium	160-1	108	58	67	78	34.44	cps
Gadolinium	160-2	10	7	3	7	50.03	cps
Holmium	165-1	7531380	7573885	7448504	7517923	0.85	cps
Holmium	165-2	2201957	2163120	2151852	2172310	1.21	cps
Indium	115-1	6756280	6763188	6677866	6732444	0.70	cps
Indium	115-2	378985	375336	371715	375345	0.97	cps
Iron	56-2	3173	2923	2928	3008	4.75	cps
Iron	57-2	72	111	67	83	29.06	cps
Lead	206-1	544	500	517	520	4.32	cps
Lead	207-1	472	428	417	439	6.70	cps
Lead	208-1	2039	2011	2106	2052	2.37	cps
Lithium	6-1	1163421	1189870	1173910	1175734	1.13	cps
Magnesium	24-2	183	242	192	206	15.35	cps
Manganese	55-2	47	57	67	57	17.65	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:40:04	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	475	458	525	486	7.14	cps
Molybdenum	95-1	158	175	183	172	7.39	cps
Molybdenum	96-1	283	275	300	286	4.45	cps
Molybdenum	97-1	258	108	225	197	39.94	cps
Molybdenum	98-1	375	375	308	353	10.91	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	113	110	117	113	2.94	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	3634	3609	3801	3681	2.83	cps
Rhodium	103-1	6426640	6458243	6368468	6417783	0.71	cps
Rhodium	103-2	2073958	2021466	1982826	2026083	2.26	cps
Scandium	45-1	4129907	4142436	4128318	4133554	0.19	cps
Scandium	45-2	40391	40164	39950	40169	0.55	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	0	4	3	91.69	cps
Selenium	82-1	31	-9	-195	-58	-209.23	cps
Silicon	28-1	363756	363134	364370	363753	0.17	cps
Silver	109-1	1558	1567	1642	1589	2.89	cps
Silver	107-1	1767	1609	1667	1681	4.76	cps
Sodium	23-2	10321	10271	9821	10137	2.72	cps
Strontium	86-1	1350	1467	1200	1339	9.99	cps
Strontium	88-1	267	275	375	306	19.73	cps
Sulfur	34-1	347095	347913	353345	349451	0.97	cps
Terbium	159-1	7970947	8046075	7958228	7991750	0.59	cps
Terbium	159-2	2111036	2099259	2090542	2100279	0.49	cps
Thallium	203-1	508	308	383	400	25.26	cps
Thallium	205-1	900	800	883	861	6.22	cps
Tin	118-1	1383	1625	1375	1461	9.72	cps
Titanium	47-1	175	133	92	133	31.25	cps
Uranium	238-1	92	108	75	92	18.18	cps
Vanadium	51-2	20	7	27	18	57.27	cps
Yttrium	89-1	7036178	7100584	7077670	7071477	0.46	cps
Yttrium	89-2	272525	271434	269160	271040	0.63	cps
Zinc	66-2	140	137	177	151	14.69	cps
Zirconium	90-1	992	1067	1083	1047	4.66	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:40:04	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	267	233	233	14.29	cps

LB Number : LB89292 Operator : Jaswal
 Lab Sample ID : I4506-08 Instrumnet Name : P8
 Client Sample ID : SP17-JP21140 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-04 16:43:11 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300	367	267	311	16.37	cps
Antimony	121-1	40998	35189	31154	35780	13.83	cps
Arsenic	75-2	337	344	348	343	1.65	cps
Barium	135-1	156422	159390	157715	157842	0.94	cps
Barium	137-1	270160	273928	274924	273004	0.92	cps
Beryllium	9-1	183	128	189	167	20.28	cps
Bismuth	209-1	4333131	4353146	4405349	4363875	0.85	cps
Bismuth	209-2	1459524	1467458	1473954	1466979	0.49	cps
Boron	10-1	2409	2117	2250	2259	6.47	cps
Boron	11-1	9779	9895	9829	9834	0.60	cps
Cadmium	111-1	886	957	876	906	4.89	cps
Cadmium	106-1	1192	1267	1117	1192	6.29	cps
Cadmium	108-1	21	13	21	18	26.64	cps
Calcium	43-1	2026059	2051239	2090822	2056040	1.59	cps
Calcium	44-1	32994226	33518878	33608505	33373869	0.99	cps
Chromium	52-2	1277	1240	1280	1266	1.75	cps
Cobalt	59-2	6405	6278	6111	6265	2.35	cps
Copper	63-2	6372	6158	6698	6409	4.25	cps
Dysprosium	156-1	567	525	567	553	4.35	cps
Dysprosium	156-2	180	127	183	163	19.47	cps
Erbium	164-1	583	608	633	608	4.11	cps
Erbium	164-2	150	120	140	137	11.18	cps
Gadolinium	160-1	683	483	558	575	17.57	cps
Gadolinium	160-2	190	243	210	214	12.56	cps
Holmium	165-1	7066090	7204456	7198760	7156435	1.09	cps
Holmium	165-2	1879408	1897133	1889011	1888517	0.47	cps
Indium	115-1	6035823	6001382	6118101	6051768	0.99	cps
Indium	115-2	315834	314014	316502	315450	0.41	cps
Iron	56-2	2310407	2314776	2271811	2298998	1.03	cps
Iron	57-2	57893	55951	55644	56496	2.16	cps
Lead	206-1	2739	2656	2406	2600	6.67	cps
Lead	207-1	2378	2239	2045	2221	7.54	cps
Lead	208-1	10585	10363	9652	10200	4.78	cps
Lithium	6-1	1220543	1246180	1294541	1253755	3.00	cps
Magnesium	24-2	298778	296127	299697	298201	0.62	cps
Manganese	55-2	245267	241628	242258	243051	0.80	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:43:11	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1900	1734	1483	1706	12.30	cps
Molybdenum	95-1	508	608	483	533	12.40	cps
Molybdenum	96-1	908	958	950	939	2.85	cps
Molybdenum	97-1	367	417	408	397	6.74	cps
Molybdenum	98-1	967	1050	1017	1011	4.15	cps
Neodymium	150-1	700	793	787	760	6.85	cps
Neodymium	150-2	123	130	130	128	3.01	cps
Nickel	60-2	1117	1227	1037	1127	8.47	cps
Phosphorus	31-2	8	8	33	17	86.62	cps
Potassium	39-2	18004	17854	18071	17976	0.62	cps
Rhodium	103-1	5644457	5675791	5786044	5702098	1.30	cps
Rhodium	103-2	1751651	1765933	1758976	1758853	0.41	cps
Scandium	45-1	3728021	3775746	3693235	3732334	1.11	cps
Scandium	45-2	34429	33988	34653	34357	0.98	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	6	4	6	5	21.74	cps
Selenium	82-1	-253	-54	-125	-144	-70.09	cps
Silicon	28-1	15619301	15697056	15555779	15624045	0.45	cps
Silver	109-1	9962	9604	9145	9570	4.28	cps
Silver	107-1	10254	9846	9287	9796	4.96	cps
Sodium	23-2	240559	238711	236077	238449	0.94	cps
Strontium	86-1	1177373	1193306	1191428	1187369	0.73	cps
Strontium	88-1	10096446	10160949	10218062	10158486	0.60	cps
Sulfur	34-1	323521	321423	320893	321946	0.43	cps
Terbium	159-1	7433485	7568045	7533557	7511696	0.93	cps
Terbium	159-2	1841304	1832228	1837039	1836857	0.25	cps
Thallium	203-1	375	333	267	325	16.81	cps
Thallium	205-1	767	792	592	717	15.21	cps
Tin	118-1	10371	11013	10788	10724	3.04	cps
Titanium	47-1	792	925	1326	1014	27.42	cps
Uranium	238-1	12073	13358	12774	12735	5.05	cps
Vanadium	51-2	120	143	100	121	17.91	cps
Yttrium	89-1	6302250	6376635	6417716	6365534	0.92	cps
Yttrium	89-2	232437	232304	232488	232410	0.04	cps
Zinc	66-2	883	1027	937	949	7.63	cps
Zirconium	90-1	3984	4759	4159	4301	9.45	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:43:11	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1067	1083	975	1042	5.60	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08DUP	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:46:18	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	242	317	250	25.17	cps
Antimony	121-1	21318	21276	21092	21229	0.57	cps
Arsenic	75-2	341	341	322	335	3.20	cps
Barium	135-1	157847	158168	157736	157917	0.14	cps
Barium	137-1	275345	271700	272804	273283	0.68	cps
Beryllium	9-1	111	144	217	157	34.28	cps
Bismuth	209-1	4447956	4503361	4438820	4463379	0.78	cps
Bismuth	209-2	1453794	1454288	1461240	1456440	0.29	cps
Boron	10-1	1875	1917	1834	1875	2.22	cps
Boron	11-1	8303	8536	8461	8433	1.41	cps
Cadmium	111-1	900	864	943	902	4.37	cps
Cadmium	106-1	1217	1142	1283	1214	5.84	cps
Cadmium	108-1	8	21	8	12	57.75	cps
Calcium	43-1	2052405	2068575	2060579	2060520	0.39	cps
Calcium	44-1	32810452	32839344	33028810	32892869	0.36	cps
Chromium	52-2	1263	1387	1230	1293	6.38	cps
Cobalt	59-2	6248	6262	6368	6293	1.05	cps
Copper	63-2	6005	6292	5978	6091	2.85	cps
Dysprosium	156-1	467	525	633	542	15.61	cps
Dysprosium	156-2	147	143	133	141	4.92	cps
Erbium	164-1	683	600	683	656	7.34	cps
Erbium	164-2	90	163	160	138	30.06	cps
Gadolinium	160-1	608	642	608	619	3.11	cps
Gadolinium	160-2	193	147	177	172	13.73	cps
Holmium	165-1	7293249	7417148	7450616	7387004	1.12	cps
Holmium	165-2	1847018	1854563	1861020	1854200	0.38	cps
Indium	115-1	6194237	6188478	6196504	6193073	0.07	cps
Indium	115-2	307416	312231	311545	310397	0.84	cps
Iron	56-2	2243800	2250497	2267874	2254057	0.55	cps
Iron	57-2	54239	56587	55996	55607	2.20	cps
Lead	206-1	2278	2106	2423	2269	6.99	cps
Lead	207-1	2061	1895	1928	1961	4.50	cps
Lead	208-1	9368	8818	8946	9044	3.18	cps
Lithium	6-1	1256546	1261858	1273859	1264088	0.70	cps
Magnesium	24-2	291663	299518	291924	294368	1.52	cps
Manganese	55-2	234309	236224	236193	235575	0.47	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08DUP	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:46:18	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1492	1884	1709	1695	11.58	cps
Molybdenum	95-1	383	408	450	414	8.14	cps
Molybdenum	96-1	1017	850	817	895	11.98	cps
Molybdenum	97-1	433	292	300	342	23.27	cps
Molybdenum	98-1	1025	1075	950	1017	6.19	cps
Neodymium	150-1	680	727	627	678	7.38	cps
Neodymium	150-2	110	113	133	119	10.62	cps
Nickel	60-2	1087	1153	1120	1120	2.98	cps
Phosphorus	31-2	17	17	33	22	43.28	cps
Potassium	39-2	16710	16335	16085	16377	1.92	cps
Rhodium	103-1	5790415	5757839	5812075	5786776	0.47	cps
Rhodium	103-2	1771713	1759890	1759707	1763770	0.39	cps
Scandium	45-1	3681568	3749782	3726347	3719233	0.93	cps
Scandium	45-2	33290	33700	33500	33497	0.61	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	7	4	2	4	65.54	cps
Selenium	82-1	20	-48	84	19	353.65	cps
Silicon	28-1	15406359	15423419	15436144	15421974	0.10	cps
Silver	109-1	6293	6452	5985	6243	3.80	cps
Silver	107-1	6927	7010	6468	6802	4.29	cps
Sodium	23-2	228541	229606	227916	228688	0.37	cps
Strontium	86-1	1174661	1185299	1183781	1181247	0.49	cps
Strontium	88-1	10116996	10151833	10172058	10146962	0.27	cps
Sulfur	34-1	319814	318450	316038	318101	0.60	cps
Terbium	159-1	7603863	7695686	7731877	7677142	0.86	cps
Terbium	159-2	1828022	1839671	1824676	1830790	0.43	cps
Thallium	203-1	150	108	100	119	22.43	cps
Thallium	205-1	342	325	433	367	15.91	cps
Tin	118-1	8703	9204	9829	9245	6.10	cps
Titanium	47-1	1109	1234	900	1081	15.59	cps
Uranium	238-1	13066	13650	13208	13308	2.29	cps
Vanadium	51-2	130	160	163	151	12.15	cps
Yttrium	89-1	6487141	6399029	6399861	6428677	0.79	cps
Yttrium	89-2	228037	227777	225670	227161	0.57	cps
Zinc	66-2	940	1017	1060	1006	6.04	cps
Zirconium	90-1	4477	4101	3817	4132	8.00	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08DUP	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:46:18	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	917	817	933	889	7.10	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08LX5	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-04 16:49:25	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	92	67	89	23.59	cps
Antimony	121-1	6235	5426	5485	5715	7.89	cps
Arsenic	75-2	65	63	67	65	2.86	cps
Barium	135-1	31146	31606	31029	31260	0.98	cps
Barium	137-1	53919	55358	54371	54549	1.35	cps
Beryllium	9-1	144	117	144	135	11.86	cps
Bismuth	209-1	4215787	4433510	4416074	4355124	2.78	cps
Bismuth	209-2	1555933	1561861	1566065	1561286	0.33	cps
Boron	10-1	1158	1108	1067	1111	4.13	cps
Boron	11-1	4968	5101	4859	4976	2.43	cps
Cadmium	111-1	943	971	748	887	13.70	cps
Cadmium	106-1	1300	1350	1033	1228	13.87	cps
Cadmium	108-1	13	4	13	10	49.46	cps
Calcium	43-1	420719	418701	417083	418834	0.43	cps
Calcium	44-1	6924204	6939067	6872792	6912021	0.50	cps
Chromium	52-2	1043	987	927	986	5.92	cps
Cobalt	59-2	1330	1303	1253	1296	3.00	cps
Copper	63-2	1397	1570	1490	1486	5.84	cps
Dysprosium	156-1	125	58	108	97	35.68	cps
Dysprosium	156-2	40	50	40	43	13.32	cps
Erbium	164-1	125	125	125	125	0.00	cps
Erbium	164-2	20	30	20	23	24.74	cps
Gadolinium	160-1	158	150	83	131	31.49	cps
Gadolinium	160-2	43	47	30	40	22.05	cps
Holmium	165-1	7009107	7373580	7426472	7269720	3.13	cps
Holmium	165-2	2025319	2002629	2030875	2019608	0.74	cps
Indium	115-1	6071327	6458117	6448403	6325949	3.49	cps
Indium	115-2	345957	345147	345022	345375	0.15	cps
Iron	56-2	461022	462194	463916	462377	0.31	cps
Iron	57-2	11288	11360	11933	11527	3.07	cps
Lead	206-1	672	833	711	739	11.38	cps
Lead	207-1	589	656	694	646	8.26	cps
Lead	208-1	2772	3128	2911	2937	6.10	cps
Lithium	6-1	1092188	1155048	1146708	1131315	3.02	cps
Magnesium	24-2	60161	61543	61157	60954	1.17	cps
Manganese	55-2	50176	49842	50645	50221	0.80	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08LX5	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-04 16:49:25	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	383	667	483	511	28.12	cps
Molybdenum	95-1	133	192	92	139	36.17	cps
Molybdenum	96-1	250	175	250	225	19.25	cps
Molybdenum	97-1	158	225	133	172	27.51	cps
Molybdenum	98-1	150	225	217	197	20.84	cps
Neodymium	150-1	147	100	160	136	23.24	cps
Neodymium	150-2	57	33	30	40	36.33	cps
Nickel	60-2	273	300	310	294	6.44	cps
Phosphorus	31-2	17	42	17	25	57.73	cps
Potassium	39-2	6343	6268	6427	6346	1.25	cps
Rhodium	103-1	5783579	6165353	6103027	6017320	3.40	cps
Rhodium	103-2	1881942	1902496	1893463	1892634	0.54	cps
Scandium	45-1	3800052	4016479	3994641	3937058	3.03	cps
Scandium	45-2	36932	36641	37293	36955	0.88	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	4	4	3	34.64	cps
Selenium	82-1	69	-51	-96	-26	-324.93	cps
Silicon	28-1	3588576	3552528	3527036	3556047	0.87	cps
Silver	109-1	1258	1400	1533	1397	9.84	cps
Silver	107-1	1317	1525	1525	1456	8.26	cps
Sodium	23-2	52606	53827	53593	53342	1.21	cps
Strontium	86-1	244877	244579	241213	243556	0.84	cps
Strontium	88-1	2129231	2129627	2114996	2124618	0.39	cps
Sulfur	34-1	347251	342774	342424	344150	0.78	cps
Terbium	159-1	7304537	7791837	7756019	7617464	3.57	cps
Terbium	159-2	1987333	1941235	1953052	1960540	1.22	cps
Thallium	203-1	125	150	158	144	12.01	cps
Thallium	205-1	350	275	308	311	12.08	cps
Tin	118-1	1575	1642	1542	1586	3.21	cps
Titanium	47-1	308	342	300	317	6.96	cps
Uranium	238-1	2559	2534	2400	2498	3.41	cps
Vanadium	51-2	40	23	43	36	30.14	cps
Yttrium	89-1	6392611	6880707	6751484	6674934	3.79	cps
Yttrium	89-2	254016	250230	251781	252009	0.76	cps
Zinc	66-2	327	373	297	332	11.63	cps
Zirconium	90-1	1092	1200	1017	1103	8.36	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08LX5	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-04 16:49:25	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	292	342	242	292	17.14	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-09	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140MS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:52:32	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61400	60898	59669	60656	1.47	cps
Antimony	121-1	4291359	4364309	4362797	4339488	0.96	cps
Arsenic	75-2	58529	58042	58295	58288	0.42	cps
Barium	135-1	4433036	4456247	4478394	4455892	0.51	cps
Barium	137-1	7482144	7646803	7629913	7586287	1.19	cps
Beryllium	9-1	597605	599097	604349	600350	0.59	cps
Bismuth	209-1	4148585	4302627	4262398	4237870	1.89	cps
Bismuth	209-2	1401410	1408406	1397010	1402275	0.41	cps
Boron	10-1	64438	65575	66664	65559	1.70	cps
Boron	11-1	291842	302129	301431	298467	1.93	cps
Cadmium	111-1	919818	933329	929542	927563	0.75	cps
Cadmium	106-1	93046	95697	98206	95650	2.70	cps
Cadmium	108-1	63788	65349	64826	64654	1.23	cps
Calcium	43-1	2929213	2925528	2929061	2927934	0.07	cps
Calcium	44-1	47773185	47824479	48014098	47870588	0.27	cps
Chromium	52-2	504208	506842	504867	505306	0.27	cps
Cobalt	59-2	1058654	1061341	1057463	1059152	0.19	cps
Copper	63-2	1804419	1815012	1779580	1799670	1.01	cps
Dysprosium	156-1	592	600	583	592	1.41	cps
Dysprosium	156-2	140	143	180	154	14.37	cps
Erbium	164-1	4593	4409	4009	4337	6.88	cps
Erbium	164-2	1100	1003	1080	1061	4.81	cps
Gadolinium	160-1	967	908	800	892	9.49	cps
Gadolinium	160-2	313	250	247	270	13.91	cps
Holmium	165-1	6923156	7167812	7170744	7087237	2.01	cps
Holmium	165-2	1841204	1857561	1829192	1842652	0.77	cps
Indium	115-1	5741750	5777508	5775764	5765007	0.35	cps
Indium	115-2	292898	295709	296586	295064	0.65	cps
Iron	56-2	17934263	17921216	17766409	17873963	0.52	cps
Iron	57-2	448723	447235	443868	446609	0.56	cps
Lead	206-1	2473942	2567193	2576595	2539243	2.23	cps
Lead	207-1	2272680	2327505	2319917	2306701	1.29	cps
Lead	208-1	10077709	10362444	10398375	10279509	1.71	cps
Lithium	6-1	1182677	1199188	1204320	1195395	0.95	cps
Magnesium	24-2	2038557	2000481	2017726	2018921	0.94	cps
Manganese	55-2	482616	490103	480188	484302	1.07	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-09	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140MS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:52:32	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3383589	3395924	3480577	3420030	1.54	cps
Molybdenum	95-1	1825437	1842259	1864499	1844065	1.06	cps
Molybdenum	96-1	2325349	2370034	2415654	2370345	1.90	cps
Molybdenum	97-1	1106793	1122618	1124917	1118109	0.88	cps
Molybdenum	98-1	2916601	2958396	2957837	2944278	0.81	cps
Neodymium	150-1	807	1060	813	893	16.16	cps
Neodymium	150-2	137	120	87	114	22.24	cps
Nickel	60-2	314403	313477	312472	313451	0.31	cps
Phosphorus	31-2	83	8	8	33	129.92	cps
Potassium	39-2	487651	489217	483707	486858	0.58	cps
Rhodium	103-1	5456165	5499473	5527689	5494442	0.66	cps
Rhodium	103-2	1696202	1679459	1686726	1687462	0.50	cps
Scandium	45-1	3571019	3636295	3628839	3612051	0.99	cps
Scandium	45-2	34596	33791	32528	33638	3.10	cps
Selenium	77-2	387	430	413	410	5.33	cps
Selenium	78-2	1465	1426	1404	1432	2.16	cps
Selenium	82-1	57681	57521	58310	57837	0.72	cps
Silicon	28-1	16157794	16187119	16114405	16153106	0.23	cps
Silver	109-1	4279271	4286369	4308161	4291267	0.35	cps
Silver	107-1	4512436	4471336	4577720	4520497	1.19	cps
Sodium	23-2	4439645	4439968	4458208	4445940	0.24	cps
Strontium	86-1	1135562	1145673	1161171	1147468	1.12	cps
Strontium	88-1	9805787	9781044	9922955	9836595	0.77	cps
Sulfur	34-1	321591	316355	313142	317029	1.35	cps
Terbium	159-1	7323747	7495542	7561851	7460380	1.65	cps
Terbium	159-2	1786692	1768158	1790426	1781759	0.67	cps
Thallium	203-1	3125634	3197080	3241772	3188162	1.84	cps
Thallium	205-1	7261905	7548337	7510849	7440364	2.09	cps
Tin	118-1	2773890	2796925	2820003	2796939	0.82	cps
Titanium	47-1	480501	488993	482970	484155	0.90	cps
Uranium	238-1	9260917	9555840	9524014	9446924	1.71	cps
Vanadium	51-2	365277	363421	362170	363622	0.43	cps
Yttrium	89-1	6095365	6243548	6276147	6205020	1.55	cps
Yttrium	89-2	223562	222727	222302	222864	0.29	cps
Zinc	66-2	149269	151295	151085	150550	0.74	cps
Zirconium	90-1	6322898	6481169	6606685	6470250	2.20	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-09	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140MS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:52:32	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1433332	1436184	1487340	1452285	2.09	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-10	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:55:32	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59810	59342	59609	59587	0.39	cps
Antimony	121-1	4499382	4459270	4418439	4459030	0.91	cps
Arsenic	75-2	58752	58782	58399	58644	0.36	cps
Barium	135-1	4542241	4589727	4556283	4562750	0.53	cps
Barium	137-1	7772656	7806446	7756688	7778597	0.33	cps
Beryllium	9-1	612323	609481	607646	609817	0.39	cps
Bismuth	209-1	3714693	4251802	4334968	4100487	8.21	cps
Bismuth	209-2	1393208	1389637	1397812	1393552	0.29	cps
Boron	10-1	68205	69141	71194	69513	2.20	cps
Boron	11-1	307116	314809	316018	312648	1.54	cps
Cadmium	111-1	941076	942938	947396	943803	0.34	cps
Cadmium	106-1	95193	97190	98543	96975	1.74	cps
Cadmium	108-1	65048	65525	65785	65453	0.57	cps
Calcium	43-1	2990570	2979963	2943726	2971420	0.83	cps
Calcium	44-1	47727729	48636433	48072307	48145490	0.95	cps
Chromium	52-2	506885	501309	503050	503748	0.57	cps
Cobalt	59-2	1062192	1059937	1049414	1057181	0.65	cps
Copper	63-2	1830301	1791943	1789481	1803909	1.27	cps
Dysprosium	156-1	650	600	733	661	10.19	cps
Dysprosium	156-2	200	150	170	173	14.52	cps
Erbium	164-1	4568	4534	4476	4526	1.03	cps
Erbium	164-2	1063	997	1120	1060	5.82	cps
Gadolinium	160-1	975	1042	883	967	8.22	cps
Gadolinium	160-2	223	287	303	271	15.57	cps
Holmium	165-1	6227423	7191836	7156918	6858726	7.98	cps
Holmium	165-2	1841365	1813515	1831901	1828927	0.77	cps
Indium	115-1	5077783	5787269	5857952	5574334	7.74	cps
Indium	115-2	292271	290902	290418	291197	0.33	cps
Iron	56-2	17794334	17821214	17704851	17773466	0.34	cps
Iron	57-2	443490	443876	446267	444544	0.34	cps
Lead	206-1	2594874	2606451	2620145	2607157	0.49	cps
Lead	207-1	2351633	2375497	2378132	2368421	0.62	cps
Lead	208-1	10446574	10631513	10569027	10549038	0.89	cps
Lithium	6-1	1081778	1197265	1196469	1158504	5.74	cps
Magnesium	24-2	1998805	2014155	2010200	2007720	0.40	cps
Manganese	55-2	481465	479410	476851	479242	0.48	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-10	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:55:32	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3538336	3457103	3516048	3503829	1.20	cps
Molybdenum	95-1	1876799	1896720	1893710	1889076	0.57	cps
Molybdenum	96-1	2380925	2414145	2399535	2398202	0.69	cps
Molybdenum	97-1	1137059	1145113	1143986	1142053	0.38	cps
Molybdenum	98-1	2964358	3000416	3012625	2992467	0.84	cps
Neodymium	150-1	907	947	740	865	12.68	cps
Neodymium	150-2	103	90	97	97	6.90	cps
Nickel	60-2	316169	313184	310781	313378	0.86	cps
Phosphorus	31-2	17	17	8	14	34.67	cps
Potassium	39-2	486417	484061	477843	482774	0.92	cps
Rhodium	103-1	4763602	5414214	5501048	5226288	7.71	cps
Rhodium	103-2	1685243	1682398	1653856	1673832	1.04	cps
Scandium	45-1	3140787	3533714	3594284	3422928	7.19	cps
Scandium	45-2	33470	33036	33086	33197	0.72	cps
Selenium	77-2	393	353	380	376	5.42	cps
Selenium	78-2	1263	1387	1296	1316	4.88	cps
Selenium	82-1	58766	59144	59164	59025	0.38	cps
Silicon	28-1	16275005	16277660	16051513	16201392	0.80	cps
Silver	109-1	4449215	4437385	4373059	4419887	0.93	cps
Silver	107-1	4650448	4668991	4654752	4658063	0.21	cps
Sodium	23-2	4450735	4404733	4418648	4424706	0.53	cps
Strontium	86-1	1164250	1149625	1156943	1156939	0.63	cps
Strontium	88-1	9982525	9921613	9979072	9961070	0.34	cps
Sulfur	34-1	307290	309090	303059	306480	1.01	cps
Terbium	159-1	6555859	7562125	7551416	7223133	8.00	cps
Terbium	159-2	1790089	1765388	1756037	1770505	0.99	cps
Thallium	203-1	3276297	3356466	3296513	3309759	1.26	cps
Thallium	205-1	7664700	7771854	7663652	7700069	0.81	cps
Tin	118-1	2907763	2901146	2843049	2883986	1.23	cps
Titanium	47-1	491462	492140	494248	492617	0.29	cps
Uranium	238-1	9627659	9724032	9779921	9710537	0.79	cps
Vanadium	51-2	364035	363841	360232	362702	0.59	cps
Yttrium	89-1	5350322	6200255	6181344	5910640	8.21	cps
Yttrium	89-2	221615	220690	219521	220608	0.48	cps
Zinc	66-2	150419	151901	150731	151017	0.52	cps
Zirconium	90-1	6556161	6627129	6560926	6581405	0.60	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-10	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:55:32	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1472015	1450514	1456278	1459602	0.76	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08A	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:58:31	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60999	60455	61224	60893	0.65	cps
Antimony	121-1	4515135	4558344	4577332	4550270	0.70	cps
Arsenic	75-2	59500	59983	59754	59746	0.40	cps
Barium	135-1	4671020	4667350	4653818	4664063	0.19	cps
Barium	137-1	7863478	7925174	7898901	7895851	0.39	cps
Beryllium	9-1	617738	614957	619279	617325	0.35	cps
Bismuth	209-1	4248305	4352322	4447650	4349426	2.29	cps
Bismuth	209-2	1431532	1433230	1424420	1429727	0.33	cps
Boron	10-1	69209	68983	70080	69424	0.83	cps
Boron	11-1	311560	316347	323560	317155	1.90	cps
Cadmium	111-1	961174	960257	971892	964441	0.67	cps
Cadmium	106-1	96679	99230	99013	98307	1.44	cps
Cadmium	108-1	67171	66371	66362	66635	0.70	cps
Calcium	43-1	3033552	3030678	3012556	3025595	0.38	cps
Calcium	44-1	49450022	49335764	49252933	49346240	0.20	cps
Chromium	52-2	513668	516497	512796	514321	0.38	cps
Cobalt	59-2	1079349	1089742	1076800	1081964	0.63	cps
Copper	63-2	1831620	1875895	1883662	1863726	1.51	cps
Dysprosium	156-1	608	617	717	647	9.31	cps
Dysprosium	156-2	147	163	143	151	7.09	cps
Erbium	164-1	4601	4309	4134	4348	5.42	cps
Erbium	164-2	1047	1090	1067	1068	2.03	cps
Gadolinium	160-1	1017	967	1067	1017	4.92	cps
Gadolinium	160-2	273	233	273	260	8.88	cps
Holmium	165-1	6990249	7402968	7398511	7263909	3.26	cps
Holmium	165-2	1877812	1856911	1865413	1866712	0.56	cps
Indium	115-1	5742586	6007468	6034553	5928202	2.72	cps
Indium	115-2	295650	300343	295110	297034	0.97	cps
Iron	56-2	18108898	18181051	17974793	18088248	0.58	cps
Iron	57-2	451038	452942	449348	451110	0.40	cps
Lead	206-1	2646528	2631278	2743684	2673830	2.28	cps
Lead	207-1	2436341	2430792	2486788	2451307	1.26	cps
Lead	208-1	10830457	10813867	11064578	10902967	1.29	cps
Lithium	6-1	1141746	1212417	1233221	1195794	4.01	cps
Magnesium	24-2	2038322	2033247	1997811	2023127	1.09	cps
Manganese	55-2	488601	491678	486796	489025	0.50	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08A	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:58:31	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3581410	3550323	3519507	3550413	0.87	cps
Molybdenum	95-1	1911501	1917829	1928254	1919195	0.44	cps
Molybdenum	96-1	2433796	2424744	2476282	2444941	1.13	cps
Molybdenum	97-1	1164292	1158816	1172264	1165124	0.58	cps
Molybdenum	98-1	3007938	3043810	3091439	3047729	1.37	cps
Neodymium	150-1	967	787	887	880	10.25	cps
Neodymium	150-2	153	107	123	128	18.51	cps
Nickel	60-2	318716	321777	319197	319897	0.51	cps
Phosphorus	31-2	0	8	25	11	114.58	cps
Potassium	39-2	492766	495858	489804	492809	0.61	cps
Rhodium	103-1	5327495	5644571	5708565	5560210	3.67	cps
Rhodium	103-2	1710568	1714840	1708440	1711283	0.19	cps
Scandium	45-1	3509604	3716961	3681099	3635888	3.05	cps
Scandium	45-2	33901	34636	33874	34137	1.27	cps
Selenium	77-2	457	407	433	432	5.79	cps
Selenium	78-2	1302	1282	1348	1311	2.61	cps
Selenium	82-1	59801	59354	59940	59698	0.51	cps
Silicon	28-1	16428850	16399806	16584290	16470982	0.60	cps
Silver	109-1	4513390	4455936	4459295	4476207	0.72	cps
Silver	107-1	4762085	4736206	4760434	4752909	0.30	cps
Sodium	23-2	4484205	4515234	4494825	4498088	0.35	cps
Strontium	86-1	1185810	1178737	1187532	1184026	0.39	cps
Strontium	88-1	10250610	10252307	10101547	10201488	0.85	cps
Sulfur	34-1	298221	299514	295955	297897	0.60	cps
Terbium	159-1	7375184	7732899	7739126	7615736	2.74	cps
Terbium	159-2	1780881	1817125	1818320	1805442	1.18	cps
Thallium	203-1	3409516	3385016	3448409	3414314	0.94	cps
Thallium	205-1	7827457	7857400	8003661	7896173	1.19	cps
Tin	118-1	2967299	2954829	2943957	2955362	0.40	cps
Titanium	47-1	503289	498156	495986	499144	0.75	cps
Uranium	238-1	10019736	10058317	10181620	10086558	0.84	cps
Vanadium	51-2	366737	371347	371076	369720	0.70	cps
Yttrium	89-1	6030637	6305958	6372202	6236266	2.90	cps
Yttrium	89-2	223934	225011	222059	223668	0.67	cps
Zinc	66-2	152834	155059	154493	154129	0.75	cps
Zirconium	90-1	6698012	6651731	6738522	6696088	0.65	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08A	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 16:58:31	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1535674	1519175	1497638	1517496	1.26	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4535-01	Instrumnet Name :	P8
Client Sample ID :	TRC-MW-101I	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:01:30	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6552	7611	7261	7141	7.56	cps
Antimony	121-1	21886	21034	22052	21657	2.52	cps
Arsenic	75-2	394	411	413	406	2.51	cps
Barium	135-1	290184	291313	286637	289378	0.84	cps
Barium	137-1	499342	501319	505833	502165	0.66	cps
Beryllium	9-1	400	278	394	357	19.31	cps
Bismuth	209-1	4217541	4262280	4351839	4277220	1.60	cps
Bismuth	209-2	1441749	1437477	1439112	1439446	0.15	cps
Boron	10-1	65484	66270	67626	66460	1.63	cps
Boron	11-1	310865	310913	314523	312101	0.67	cps
Cadmium	111-1	1118	1133	1212	1154	4.37	cps
Cadmium	106-1	1158	1192	1258	1203	4.23	cps
Cadmium	108-1	50	67	75	64	19.92	cps
Calcium	43-1	1853077	1859586	1812311	1841658	1.39	cps
Calcium	44-1	29756847	29604686	29677087	29679540	0.26	cps
Chromium	52-2	22759	22622	22532	22637	0.50	cps
Cobalt	59-2	2867	3067	3010	2981	3.46	cps
Copper	63-2	32632	32936	32715	32761	0.48	cps
Dysprosium	156-1	2284	2359	2225	2289	2.92	cps
Dysprosium	156-2	613	630	650	631	2.91	cps
Erbium	164-1	2142	2042	2159	2114	2.98	cps
Erbium	164-2	503	550	533	529	4.47	cps
Gadolinium	160-1	2350	2259	2292	2300	2.02	cps
Gadolinium	160-2	743	727	850	773	8.65	cps
Holmium	165-1	6979996	7226090	7309264	7171783	2.39	cps
Holmium	165-2	1878237	1892194	1899139	1889857	0.56	cps
Indium	115-1	5842279	5937872	6072730	5950960	1.95	cps
Indium	115-2	306458	307585	310454	308166	0.67	cps
Iron	56-2	1441537	1485655	1488839	1472010	1.80	cps
Iron	57-2	36431	35396	35334	35720	1.73	cps
Lead	206-1	80102	79486	81729	80439	1.44	cps
Lead	207-1	67044	66949	67893	67295	0.77	cps
Lead	208-1	311294	310060	318691	313348	1.49	cps
Lithium	6-1	1144582	1178573	1202067	1175074	2.46	cps
Magnesium	24-2	1793729	1798975	1790684	1794463	0.23	cps
Manganese	55-2	32388	32969	32328	32561	1.09	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4535-01	Instrumnet Name :	P8
Client Sample ID :	TRC-MW-101I	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:01:30	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6127	6085	6068	6093	0.49	cps
Molybdenum	95-1	5201	5393	5118	5237	2.69	cps
Molybdenum	96-1	6377	6077	6335	6263	2.60	cps
Molybdenum	97-1	3442	3117	3117	3226	5.82	cps
Molybdenum	98-1	8261	8445	8603	8436	2.03	cps
Neodymium	150-1	3647	3734	3701	3694	1.18	cps
Neodymium	150-2	580	547	590	572	3.96	cps
Nickel	60-2	5801	5851	5788	5814	0.57	cps
Phosphorus	31-2	42	50	33	42	20.00	cps
Potassium	39-2	257656	254944	258082	256894	0.66	cps
Rhodium	103-1	5440576	5598570	5654039	5564395	1.99	cps
Rhodium	103-2	1745419	1749630	1725316	1740122	0.75	cps
Scandium	45-1	3592524	3624569	3742651	3653248	2.16	cps
Scandium	45-2	33453	34479	34132	34021	1.53	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	11	7	15	11	33.30	cps
Selenium	82-1	274	132	189	198	35.86	cps
Silicon	28-1	40686145	40319949	40539658	40515251	0.45	cps
Silver	109-1	6302	5902	5493	5899	6.85	cps
Silver	107-1	6443	6302	6252	6332	1.57	cps
Sodium	23-2	5112759	5056108	4990933	5053267	1.21	cps
Strontium	86-1	1273763	1276675	1270933	1273790	0.23	cps
Strontium	88-1	11024943	10998167	10909275	10977462	0.55	cps
Sulfur	34-1	997113	993355	987023	992497	0.51	cps
Terbium	159-1	7441799	7489688	7665393	7532294	1.56	cps
Terbium	159-2	1828959	1817725	1862211	1836298	1.26	cps
Thallium	203-1	725	725	617	689	9.08	cps
Thallium	205-1	1917	1609	1550	1692	11.65	cps
Tin	118-1	38314	39050	37922	38429	1.49	cps
Titanium	47-1	52883	51831	124017	76244	54.27	cps
Uranium	238-1	48495	48746	48404	48548	0.37	cps
Vanadium	51-2	3507	3551	3384	3480	2.49	cps
Yttrium	89-1	6229332	6277614	6397748	6301565	1.38	cps
Yttrium	89-2	227805	229534	231223	229521	0.74	cps
Zinc	66-2	15265	15405	15542	15404	0.90	cps
Zirconium	90-1	8236	8136	7853	8075	2.46	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4535-01	Instrumnet Name :	P8
Client Sample ID :	TRC-MW-101I	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:01:30	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1775	1625	1750	1717	4.68	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4535-02	Instrumnet Name :	P8
Client Sample ID :	TRC-MW-101D	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:04:37	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8084	7144	6552	7260	10.64	cps
Antimony	121-1	21435	21585	22261	21760	2.02	cps
Arsenic	75-2	543	624	607	591	7.28	cps
Barium	135-1	245240	243679	243944	244287	0.34	cps
Barium	137-1	420755	418800	425260	421605	0.79	cps
Beryllium	9-1	300	344	272	306	11.92	cps
Bismuth	209-1	4124109	4188297	4132491	4148299	0.84	cps
Bismuth	209-2	1404699	1383261	1387185	1391715	0.82	cps
Boron	10-1	53885	52589	54329	53601	1.69	cps
Boron	11-1	248462	252112	253534	251369	1.04	cps
Cadmium	111-1	1199	1309	1152	1220	6.61	cps
Cadmium	106-1	1292	1392	1233	1306	6.13	cps
Cadmium	108-1	38	46	58	47	22.20	cps
Calcium	43-1	1390377	1398814	1381161	1390118	0.64	cps
Calcium	44-1	22355506	22473534	22608371	22479137	0.56	cps
Chromium	52-2	5891	6121	5648	5887	4.02	cps
Cobalt	59-2	4981	4888	4487	4785	5.48	cps
Copper	63-2	30490	30113	29902	30168	0.99	cps
Dysprosium	156-1	2125	1959	2200	2095	5.91	cps
Dysprosium	156-2	543	507	513	521	3.75	cps
Erbium	164-1	1759	1725	1717	1734	1.27	cps
Erbium	164-2	417	383	460	420	9.15	cps
Gadolinium	160-1	1825	1984	1900	1903	4.16	cps
Gadolinium	160-2	600	623	570	598	4.47	cps
Holmium	165-1	7075281	7224132	7146455	7148623	1.04	cps
Holmium	165-2	1931790	1896613	1881917	1903440	1.35	cps
Indium	115-1	6030541	6036191	6053508	6040080	0.20	cps
Indium	115-2	309051	309037	307165	308418	0.35	cps
Iron	56-2	1452644	1404315	1400007	1418989	2.06	cps
Iron	57-2	36438	34605	33118	34720	4.79	cps
Lead	206-1	90785	93352	94191	92776	1.91	cps
Lead	207-1	77804	79291	77302	78132	1.32	cps
Lead	208-1	357849	364135	362476	361487	0.90	cps
Lithium	6-1	1155135	1187650	1171561	1171448	1.39	cps
Magnesium	24-2	2133104	2129133	2071464	2111234	1.63	cps
Manganese	55-2	103446	101861	101264	102190	1.10	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4535-02	Instrumnet Name :	P8
Client Sample ID :	TRC-MW-101D	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:04:37	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5068	5460	5219	5249	3.77	cps
Molybdenum	95-1	1750	1700	1959	1803	7.60	cps
Molybdenum	96-1	2609	2434	2400	2481	4.51	cps
Molybdenum	97-1	1275	1100	1233	1203	7.60	cps
Molybdenum	98-1	3309	3142	2934	3128	6.01	cps
Neodymium	150-1	2847	2900	2934	2894	1.51	cps
Neodymium	150-2	537	510	503	517	3.41	cps
Nickel	60-2	2847	2940	2830	2873	2.06	cps
Phosphorus	31-2	67	33	58	53	32.88	cps
Potassium	39-2	448320	438754	438849	441974	1.24	cps
Rhodium	103-1	5525835	5621317	5583002	5576718	0.86	cps
Rhodium	103-2	1717998	1714269	1693254	1708507	0.78	cps
Scandium	45-1	3705926	3792349	3808234	3768836	1.46	cps
Scandium	45-2	35047	33677	33677	34134	2.32	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	2	9	20	10	88.83	cps
Selenium	82-1	258	278	235	257	8.42	cps
Silicon	28-1	33521847	33647657	33625425	33598309	0.20	cps
Silver	109-1	4409	4168	4309	4295	2.83	cps
Silver	107-1	4301	4418	4326	4348	1.41	cps
Sodium	23-2	30656553	30107266	30103242	30289020	1.05	cps
Strontium	86-1	1982549	1970378	1999774	1984234	0.74	cps
Strontium	88-1	16905090	17104657	16961927	16990558	0.61	cps
Sulfur	34-1	1310670	1295383	1306373	1304142	0.60	cps
Terbium	159-1	7450454	7583983	7481274	7505237	0.93	cps
Terbium	159-2	1857636	1804586	1819387	1827203	1.50	cps
Thallium	203-1	325	325	408	353	13.64	cps
Thallium	205-1	1008	858	767	878	13.90	cps
Tin	118-1	28816	28356	29467	28879	1.93	cps
Titanium	47-1	55004	56585	54886	55492	1.71	cps
Uranium	238-1	16211	16453	16220	16295	0.84	cps
Vanadium	51-2	3350	3254	3254	3286	1.70	cps
Yttrium	89-1	6319028	6434241	6357693	6370321	0.92	cps
Yttrium	89-2	231335	228652	230092	230026	0.58	cps
Zinc	66-2	27220	28082	27023	27442	2.05	cps
Zirconium	90-1	12074	13034	11022	12043	8.36	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4535-02	Instrumnet Name :	P8
Client Sample ID :	TRC-MW-101D	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:04:37	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2492	2542	2650	2561	3.16	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-01DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW04DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:07:42	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	25	8	19	49.50	cps
Antimony	121-1	1534	1659	1508	1567	5.13	cps
Arsenic	75-2	17	22	9	16	40.51	cps
Barium	135-1	5385	5326	5343	5351	0.56	cps
Barium	137-1	8662	9120	8403	8728	4.16	cps
Beryllium	9-1	167	122	139	143	15.74	cps
Bismuth	209-1	4434723	4409952	4404018	4416231	0.37	cps
Bismuth	209-2	1648124	1645766	1632332	1642074	0.52	cps
Boron	10-1	4267	3559	3501	3776	11.31	cps
Boron	11-1	17812	16927	15626	16788	6.55	cps
Cadmium	111-1	1125	931	880	979	13.19	cps
Cadmium	106-1	1600	1308	1242	1383	13.78	cps
Cadmium	108-1	29	8	8	15	78.76	cps
Calcium	43-1	120044	121447	120767	120753	0.58	cps
Calcium	44-1	2029504	2046732	2041704	2039314	0.43	cps
Chromium	52-2	927	1087	1040	1018	8.09	cps
Cobalt	59-2	247	227	290	254	12.73	cps
Copper	63-2	767	753	703	741	4.51	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	75	75	67	72	6.66	cps
Erbium	164-2	10	17	13	13	25.01	cps
Gadolinium	160-1	83	25	83	64	52.72	cps
Gadolinium	160-2	30	13	30	24	39.37	cps
Holmium	165-1	7520341	7369267	7447519	7445709	1.01	cps
Holmium	165-2	2153361	2159003	2146053	2152805	0.30	cps
Indium	115-1	6538058	6623100	6707971	6623043	1.28	cps
Indium	115-2	375552	372248	372646	373482	0.48	cps
Iron	56-2	64415	64226	63874	64172	0.43	cps
Iron	57-2	1706	1528	1522	1585	6.58	cps
Lead	206-1	322	517	428	422	23.05	cps
Lead	207-1	344	306	417	356	15.86	cps
Lead	208-1	1545	1633	1706	1628	4.96	cps
Lithium	6-1	1126897	1125172	1151837	1134635	1.32	cps
Magnesium	24-2	13390	12690	12915	12998	2.75	cps
Manganese	55-2	10227	10314	9997	10179	1.61	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-01DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW04DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:07:42	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	242	258	242	247	3.89	cps
Molybdenum	95-1	67	100	108	92	24.05	cps
Molybdenum	96-1	183	200	150	178	14.32	cps
Molybdenum	97-1	150	108	125	128	16.41	cps
Molybdenum	98-1	92	100	142	111	24.11	cps
Neodymium	150-1	107	67	27	67	60.00	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	200	160	170	177	11.79	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	4084	3942	4151	4059	2.62	cps
Rhodium	103-1	6353138	6363558	6416250	6377649	0.53	cps
Rhodium	103-2	2046963	2026155	2034688	2035936	0.51	cps
Scandium	45-1	4265062	4185498	4260211	4236923	1.05	cps
Scandium	45-2	40305	39853	40137	40098	0.57	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	6	0	4	86.60	cps
Selenium	82-1	9	-24	-78	-31	-140.43	cps
Silicon	28-1	1182277	1166156	1165517	1171317	0.81	cps
Silver	109-1	733	783	667	728	8.04	cps
Silver	107-1	892	892	792	858	6.73	cps
Sodium	23-2	17345	17904	17253	17500	2.01	cps
Strontium	86-1	62670	61674	61348	61897	1.11	cps
Strontium	88-1	519544	524327	520783	521551	0.48	cps
Sulfur	34-1	338004	343380	342148	341177	0.83	cps
Terbium	159-1	7952846	7779030	7747342	7826406	1.41	cps
Terbium	159-2	2106050	2109281	2103047	2106126	0.15	cps
Thallium	203-1	142	158	217	172	22.87	cps
Thallium	205-1	400	383	467	417	10.58	cps
Tin	118-1	1067	1008	858	978	10.99	cps
Titanium	47-1	217	267	192	225	16.97	cps
Uranium	238-1	517	408	500	475	12.28	cps
Vanadium	51-2	23	23	20	22	8.65	cps
Yttrium	89-1	7074334	6967986	7127009	7056443	1.15	cps
Yttrium	89-2	272908	270991	270588	271495	0.46	cps
Zinc	66-2	160	197	173	177	10.51	cps
Zirconium	90-1	567	550	608	575	5.23	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-01DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW04DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:07:42	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	158	167	142	25.64	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-02DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW03DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:10:49	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	33	42	36	13.33	cps
Antimony	121-1	1200	1175	1067	1147	6.18	cps
Arsenic	75-2	19	30	17	22	32.44	cps
Barium	135-1	5168	5343	5518	5343	3.28	cps
Barium	137-1	9004	8595	9320	8973	4.05	cps
Beryllium	9-1	189	172	128	163	19.39	cps
Bismuth	209-1	4376175	4384592	4367239	4376002	0.20	cps
Bismuth	209-2	1613713	1644506	1634561	1630927	0.96	cps
Boron	10-1	2325	2034	2417	2259	8.86	cps
Boron	11-1	11038	10930	10771	10913	1.23	cps
Cadmium	111-1	1007	1036	1013	1018	1.49	cps
Cadmium	106-1	1425	1442	1450	1439	0.88	cps
Cadmium	108-1	17	4	21	14	62.43	cps
Calcium	43-1	90877	92193	92512	91861	0.94	cps
Calcium	44-1	1552211	1543585	1525958	1540585	0.87	cps
Chromium	52-2	1127	1163	940	1077	11.12	cps
Cobalt	59-2	167	120	103	130	25.25	cps
Copper	63-2	723	580	610	638	11.85	cps
Dysprosium	156-1	8	25	67	33	90.15	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-1	33	42	42	39	12.37	cps
Erbium	164-2	13	10	7	10	33.30	cps
Gadolinium	160-1	50	50	50	50	0.00	cps
Gadolinium	160-2	17	10	7	11	45.82	cps
Holmium	165-1	7374720	7411982	7347567	7378090	0.44	cps
Holmium	165-2	2145252	2140309	2163318	2149626	0.56	cps
Indium	115-1	6598269	6589098	6576797	6588055	0.16	cps
Indium	115-2	369030	372917	371333	371093	0.53	cps
Iron	56-2	84197	83862	83136	83732	0.65	cps
Iron	57-2	2067	2200	2061	2109	3.73	cps
Lead	206-1	417	378	583	459	23.78	cps
Lead	207-1	417	544	444	469	14.34	cps
Lead	208-1	1811	1961	2022	1932	5.62	cps
Lithium	6-1	1123001	1135309	1121831	1126714	0.66	cps
Magnesium	24-2	11222	10721	11422	11122	3.24	cps
Manganese	55-2	10888	11245	11211	11115	1.77	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-02DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW03DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:10:49	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	258	308	333	300	12.73	cps
Molybdenum	95-1	125	125	100	117	12.38	cps
Molybdenum	96-1	275	192	192	219	21.92	cps
Molybdenum	97-1	167	183	108	153	25.78	cps
Molybdenum	98-1	142	158	175	158	10.52	cps
Neodymium	150-1	53	60	73	62	16.37	cps
Neodymium	150-2	7	13	10	10	33.30	cps
Nickel	60-2	197	150	153	167	15.62	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	3851	4084	4326	4087	5.81	cps
Rhodium	103-1	6366500	6323161	6330774	6340145	0.36	cps
Rhodium	103-2	2027897	2047018	2027480	2034132	0.55	cps
Scandium	45-1	4279922	4185600	4213793	4226438	1.15	cps
Scandium	45-2	39984	40425	40057	40155	0.59	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	-8	-16	-98	-41	-123.21	cps
Silicon	28-1	1005704	981716	992131	993184	1.21	cps
Silver	109-1	567	750	667	661	13.88	cps
Silver	107-1	683	783	650	706	9.83	cps
Sodium	23-2	16293	15909	16201	16135	1.24	cps
Strontium	86-1	50511	50537	50235	50428	0.33	cps
Strontium	88-1	428413	427234	431832	429159	0.56	cps
Sulfur	34-1	354064	356389	353783	354745	0.40	cps
Terbium	159-1	7833816	7788355	7776932	7799701	0.39	cps
Terbium	159-2	2092235	2078870	2076695	2082600	0.40	cps
Thallium	203-1	200	192	133	175	20.76	cps
Thallium	205-1	392	400	333	375	9.69	cps
Tin	118-1	1008	1108	1042	1053	4.84	cps
Titanium	47-1	175	233	283	231	23.52	cps
Uranium	238-1	242	367	333	314	20.62	cps
Vanadium	51-2	30	20	37	29	29.04	cps
Yttrium	89-1	7225824	7000302	7016034	7080720	1.78	cps
Yttrium	89-2	268720	274132	270179	271010	1.03	cps
Zinc	66-2	203	217	183	201	8.34	cps
Zirconium	90-1	592	650	667	636	6.19	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-02DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW03DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:10:49	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	92	175	150	33.79	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:13:57	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	361107	361137	362629	361625	0.24	cps
Antimony	121-1	4636263	4611090	4634074	4627142	0.30	cps
Arsenic	75-2	65058	64676	64769	64834	0.31	cps
Barium	135-1	4843380	4819211	4849220	4837270	0.33	cps
Barium	137-1	8295449	8234325	8251640	8260471	0.38	cps
Beryllium	9-1	691587	696479	701910	696659	0.74	cps
Bismuth	209-1	4403983	4493954	4559614	4485850	1.74	cps
Bismuth	209-2	1612332	1606873	1487910	1569038	4.48	cps
Boron	10-1	81917	82017	82034	81990	0.08	cps
Boron	11-1	375425	379120	389645	381397	1.93	cps
Cadmium	111-1	1001072	988529	1002870	997490	0.78	cps
Cadmium	106-1	104907	103571	105798	104759	1.07	cps
Cadmium	108-1	69998	69675	68854	69509	0.85	cps
Calcium	43-1	5370106	5326618	5341258	5345994	0.41	cps
Calcium	44-1	87373048	86846321	87702837	87307402	0.49	cps
Chromium	52-2	548764	544566	546622	546651	0.38	cps
Cobalt	59-2	1122772	1124218	1116053	1121014	0.39	cps
Copper	63-2	1958000	1919748	1915251	1931000	1.22	cps
Dysprosium	156-1	133	75	133	114	29.57	cps
Dysprosium	156-2	20	23	17	20	16.65	cps
Erbium	164-1	58	33	67	53	32.88	cps
Erbium	164-2	10	23	17	17	39.99	cps
Gadolinium	160-1	133	125	100	119	14.52	cps
Gadolinium	160-2	50	40	27	39	30.10	cps
Holmium	165-1	7756216	7878986	7726684	7787295	1.04	cps
Holmium	165-2	2196116	2150952	2002278	2116449	4.79	cps
Indium	115-1	6582845	6586551	6501726	6557041	0.73	cps
Indium	115-2	356799	353585	325608	345331	4.97	cps
Iron	56-2	87226016	87526088	86165302	86972469	0.82	cps
Iron	57-2	2227892	2241482	2176927	2215434	1.54	cps
Lead	206-1	2577496	2637137	2635558	2616730	1.30	cps
Lead	207-1	2403375	2388742	2425035	2405717	0.76	cps
Lead	208-1	10569381	10643418	10743335	10652045	0.82	cps
Lithium	6-1	1152298	1168224	1142764	1154428	1.11	cps
Magnesium	24-2	9202058	9101544	9106023	9136542	0.62	cps
Manganese	55-2	300504	298405	298739	299216	0.38	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:13:57	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3842944	3867035	3919870	3876616	1.01	cps
Molybdenum	95-1	2121276	2099045	2130073	2116798	0.76	cps
Molybdenum	96-1	2658693	2677731	2683133	2673185	0.48	cps
Molybdenum	97-1	1274538	1269715	1287469	1277241	0.72	cps
Molybdenum	98-1	3394642	3307591	3376393	3359542	1.37	cps
Neodymium	150-1	193	153	207	184	15.05	cps
Neodymium	150-2	13	3	10	9	57.30	cps
Nickel	60-2	328533	327498	324443	326824	0.65	cps
Phosphorus	31-2	5268	5701	5576	5515	4.05	cps
Potassium	39-2	2811114	2813892	2764521	2796509	0.99	cps
Rhodium	103-1	6133957	6126447	6142399	6134268	0.13	cps
Rhodium	103-2	1914805	1904972	1777762	1865846	4.10	cps
Scandium	45-1	4226364	4227159	4210419	4221314	0.22	cps
Scandium	45-2	39389	39733	36729	38617	4.26	cps
Selenium	77-2	540	500	440	493	10.20	cps
Selenium	78-2	1526	1615	1474	1538	4.63	cps
Selenium	82-1	64998	63884	63687	64190	1.10	cps
Silicon	28-1	2285338	2253334	2245184	2261285	0.94	cps
Silver	109-1	4720543	4709556	4743717	4724605	0.37	cps
Silver	107-1	4989038	4967992	4999555	4985528	0.32	cps
Sodium	23-2	22385321	22234923	22507302	22375848	0.61	cps
Strontium	86-1	1344949	1332244	1350095	1342429	0.68	cps
Strontium	88-1	11473800	11507552	11535245	11505532	0.27	cps
Sulfur	34-1	712666	699970	700684	704440	1.01	cps
Terbium	159-1	8032071	8246944	8145609	8141541	1.32	cps
Terbium	159-2	2109409	2134734	1937072	2060405	5.22	cps
Thallium	203-1	3248017	3251375	3255448	3251613	0.11	cps
Thallium	205-1	7484503	7594521	7568618	7549214	0.76	cps
Tin	118-1	3294180	3292264	3263162	3283202	0.53	cps
Titanium	47-1	572638	565377	572590	570202	0.73	cps
Uranium	238-1	9825968	9965924	10102553	9964815	1.39	cps
Vanadium	51-2	404073	405653	405288	405005	0.20	cps
Yttrium	89-1	7155744	7159931	7211207	7175627	0.43	cps
Yttrium	89-2	267625	266535	245799	259986	4.73	cps
Zinc	66-2	171921	171556	170142	171206	0.55	cps
Zirconium	90-1	7278504	7270142	7365180	7304608	0.72	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:13:57	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1641665	1642348	1651643	1645219	0.34	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:16:55	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	25	19	49.50	cps
Antimony	121-1	2292	2067	2059	2139	6.19	cps
Arsenic	75-2	4	9	9	7	43.34	cps
Barium	135-1	67	42	42	50	28.87	cps
Barium	137-1	75	33	58	56	37.75	cps
Beryllium	9-1	194	306	233	244	23.07	cps
Bismuth	209-1	4640791	4614124	4638330	4631082	0.32	cps
Bismuth	209-2	1638912	1636792	1651055	1642253	0.47	cps
Boron	10-1	3484	3367	3009	3287	7.53	cps
Boron	11-1	15659	15409	14266	15111	4.92	cps
Cadmium	111-1	1031	1049	1012	1031	1.80	cps
Cadmium	106-1	1425	1442	1408	1425	1.17	cps
Cadmium	108-1	0	21	17	13	88.19	cps
Calcium	43-1	2492	2517	2400	2470	2.49	cps
Calcium	44-1	46186	46553	45157	45965	1.58	cps
Chromium	52-2	993	993	943	977	2.96	cps
Cobalt	59-2	23	50	37	37	36.37	cps
Copper	63-2	560	570	590	573	2.66	cps
Dysprosium	156-1	8	17	33	19	65.47	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	67	50	44	57.28	cps
Erbium	164-2	7	10	0	6	91.64	cps
Gadolinium	160-1	67	58	75	67	12.49	cps
Gadolinium	160-2	3	0	7	3	100.05	cps
Holmium	165-1	7642769	7707627	7667379	7672592	0.43	cps
Holmium	165-2	2117477	2105569	2129581	2117542	0.57	cps
Indium	115-1	6728598	6739226	6739970	6735931	0.09	cps
Indium	115-2	367444	363094	368179	366239	0.75	cps
Iron	56-2	3234	3317	3128	3226	2.93	cps
Iron	57-2	100	67	106	91	23.18	cps
Lead	206-1	594	583	539	572	5.14	cps
Lead	207-1	583	583	583	583	0.00	cps
Lead	208-1	2384	2350	2417	2384	1.40	cps
Lithium	6-1	1172981	1161377	1140749	1158369	1.41	cps
Magnesium	24-2	133	133	133	133	0.00	cps
Manganese	55-2	53	60	43	52	16.07	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:16:55	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	633	658	592	628	5.36	cps
Molybdenum	95-1	258	258	125	214	35.99	cps
Molybdenum	96-1	358	358	400	372	6.46	cps
Molybdenum	97-1	167	208	208	194	12.37	cps
Molybdenum	98-1	375	358	292	342	12.91	cps
Neodymium	150-1	20	20	20	20	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	120	120	123	121	1.59	cps
Phosphorus	31-2	0	25	8	11	114.58	cps
Potassium	39-2	3734	3892	3509	3712	5.19	cps
Rhodium	103-1	6435392	6447657	6426992	6436680	0.16	cps
Rhodium	103-2	2013070	1995119	2034869	2014353	0.99	cps
Scandium	45-1	4145895	4183858	4191544	4173766	0.59	cps
Scandium	45-2	38994	38560	39746	39100	1.54	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	2	6	3	69.39	cps
Selenium	82-1	-73	-32	65	-14	-523.07	cps
Silicon	28-1	370666	363867	365611	366715	0.96	cps
Silver	109-1	800	775	725	767	4.98	cps
Silver	107-1	867	900	1017	928	8.49	cps
Sodium	23-2	9028	9520	8778	9109	4.15	cps
Strontium	86-1	1534	1408	1342	1428	6.82	cps
Strontium	88-1	250	275	258	261	4.88	cps
Sulfur	34-1	351410	353987	352514	352637	0.37	cps
Terbium	159-1	8080201	8009060	8028424	8039229	0.46	cps
Terbium	159-2	2107132	2044551	2052925	2068203	1.64	cps
Thallium	203-1	525	342	450	439	21.00	cps
Thallium	205-1	942	992	933	956	3.30	cps
Tin	118-1	1258	1408	1383	1350	5.95	cps
Titanium	47-1	142	125	200	156	25.32	cps
Uranium	238-1	108	100	133	114	15.23	cps
Vanadium	51-2	10	20	30	20	50.00	cps
Yttrium	89-1	7051597	7196238	7014087	7087307	1.36	cps
Yttrium	89-2	263722	263782	264954	264153	0.26	cps
Zinc	66-2	67	97	83	82	18.28	cps
Zirconium	90-1	1242	1117	1217	1192	5.55	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:16:55	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	358	283	300	17.35	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-03DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW02DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:20:03	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	25	42	36	26.65	cps
Antimony	121-1	1525	1308	1458	1431	7.76	cps
Arsenic	75-2	9	6	2	6	66.68	cps
Barium	135-1	5860	5777	5593	5743	2.38	cps
Barium	137-1	9904	10046	9896	9949	0.85	cps
Beryllium	9-1	211	189	222	207	8.18	cps
Bismuth	209-1	4500218	4508094	4607531	4538614	1.32	cps
Bismuth	209-2	1644235	1621311	1626858	1630801	0.73	cps
Boron	10-1	2109	1884	1975	1989	5.69	cps
Boron	11-1	9837	10021	10046	9968	1.14	cps
Cadmium	111-1	1140	1000	1056	1065	6.59	cps
Cadmium	106-1	1583	1375	1492	1483	7.04	cps
Cadmium	108-1	21	0	13	11	94.37	cps
Calcium	43-1	91405	90021	90206	90544	0.83	cps
Calcium	44-1	1530181	1500090	1514410	1514893	0.99	cps
Chromium	52-2	940	997	1043	993	5.21	cps
Cobalt	59-2	43	37	20	33	36.05	cps
Copper	63-2	847	833	837	839	0.83	cps
Dysprosium	156-1	17	17	42	25	57.73	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	8	58	33	33	75.02	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	100	75	67	81	21.54	cps
Gadolinium	160-2	7	0	27	11	124.89	cps
Holmium	165-1	7533736	7528825	7599158	7553906	0.52	cps
Holmium	165-2	2148402	2107831	2111894	2122709	1.05	cps
Indium	115-1	6656474	6639728	6601947	6632716	0.42	cps
Indium	115-2	368123	365204	363394	365573	0.65	cps
Iron	56-2	3890	3762	3739	3797	2.13	cps
Iron	57-2	100	94	150	115	26.65	cps
Lead	206-1	544	589	533	556	5.29	cps
Lead	207-1	561	422	483	489	14.24	cps
Lead	208-1	2211	2128	2095	2145	2.80	cps
Lithium	6-1	1146336	1136454	1155993	1146261	0.85	cps
Magnesium	24-2	21801	21701	21142	21548	1.65	cps
Manganese	55-2	547	467	463	492	9.59	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-03DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW02DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:20:03	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	308	367	375	350	10.38	cps
Molybdenum	95-1	42	100	75	72	40.52	cps
Molybdenum	96-1	200	258	233	231	12.69	cps
Molybdenum	97-1	133	208	150	164	24.03	cps
Molybdenum	98-1	117	100	192	136	35.88	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	160	153	90	134	28.74	cps
Phosphorus	31-2	17	8	25	17	50.01	cps
Potassium	39-2	4643	3692	4326	4220	11.47	cps
Rhodium	103-1	6302072	6305138	6467907	6358372	1.49	cps
Rhodium	103-2	2013043	2001690	1991212	2001981	0.55	cps
Scandium	45-1	4152522	4088178	4239551	4160084	1.83	cps
Scandium	45-2	38650	39883	38977	39170	1.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	31	-109	-110	-63	-129.94	cps
Silicon	28-1	1282961	1290520	1262398	1278626	1.14	cps
Silver	109-1	1325	1258	1442	1342	6.92	cps
Silver	107-1	1550	1508	1433	1497	3.95	cps
Sodium	23-2	23720	23312	23637	23557	0.92	cps
Strontium	86-1	64411	64177	64143	64243	0.23	cps
Strontium	88-1	535142	540961	537841	537982	0.54	cps
Sulfur	34-1	366469	367471	365759	366566	0.23	cps
Terbium	159-1	7853126	7889877	7962808	7901937	0.71	cps
Terbium	159-2	2055244	2061499	2064209	2060317	0.22	cps
Thallium	203-1	425	375	242	347	27.29	cps
Thallium	205-1	1092	883	783	920	17.11	cps
Tin	118-1	2895	2084	2125	2368	19.29	cps
Titanium	47-1	158	225	183	189	17.83	cps
Uranium	238-1	1433	1475	1417	1442	2.08	cps
Vanadium	51-2	23	23	33	27	21.65	cps
Yttrium	89-1	7028899	6950366	7120210	7033158	1.21	cps
Yttrium	89-2	266196	263802	263961	264653	0.51	cps
Zinc	66-2	137	140	117	131	9.62	cps
Zirconium	90-1	883	1025	983	964	7.55	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-03DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW02DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:20:03	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	142	158	161	13.02	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-04DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW01DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:23:10	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	58	33	66.14	cps
Antimony	121-1	1433	1784	1634	1617	10.86	cps
Arsenic	75-2	19	19	13	17	19.26	cps
Barium	135-1	7102	7436	6977	7172	3.31	cps
Barium	137-1	12907	11814	12757	12493	4.74	cps
Beryllium	9-1	183	206	194	194	5.71	cps
Bismuth	209-1	4463532	4452524	4406656	4440904	0.68	cps
Bismuth	209-2	1619445	1613666	1622366	1618492	0.27	cps
Boron	10-1	1584	1700	1684	1656	3.81	cps
Boron	11-1	7761	7861	7619	7747	1.57	cps
Cadmium	111-1	972	963	869	935	6.12	cps
Cadmium	106-1	1375	1350	1242	1322	5.36	cps
Cadmium	108-1	4	4	13	7	69.23	cps
Calcium	43-1	92765	92269	91498	92177	0.69	cps
Calcium	44-1	1537177	1571237	1567777	1558730	1.20	cps
Chromium	52-2	1103	1123	1130	1119	1.24	cps
Cobalt	59-2	220	243	227	230	5.22	cps
Copper	63-2	800	847	747	798	6.27	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	67	58	42	56	22.91	cps
Erbium	164-2	10	13	3	9	57.30	cps
Gadolinium	160-1	100	75	50	75	33.34	cps
Gadolinium	160-2	20	10	3	11	75.52	cps
Holmium	165-1	7411540	7468424	7327226	7402397	0.96	cps
Holmium	165-2	2115414	2116471	2103354	2111746	0.35	cps
Indium	115-1	6619375	6484353	6488168	6530632	1.18	cps
Indium	115-2	365419	365075	367926	366140	0.42	cps
Iron	56-2	111889	111922	111616	111809	0.15	cps
Iron	57-2	3034	2789	3089	2971	5.37	cps
Lead	206-1	572	489	539	533	7.86	cps
Lead	207-1	500	561	411	491	15.37	cps
Lead	208-1	2133	2122	2022	2093	2.92	cps
Lithium	6-1	1126661	1097586	1126029	1116759	1.49	cps
Magnesium	24-2	16510	17027	16827	16788	1.55	cps
Manganese	55-2	17124	17731	17424	17427	1.74	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-04DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW01DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:23:10	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	517	358	350	408	23.01	cps
Molybdenum	95-1	75	108	125	103	24.77	cps
Molybdenum	96-1	283	100	300	228	48.72	cps
Molybdenum	97-1	142	75	175	131	39.00	cps
Molybdenum	98-1	117	200	125	147	31.17	cps
Neodymium	150-1	13	40	20	24	56.78	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	137	180	180	166	15.11	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	4518	4251	4584	4451	3.96	cps
Rhodium	103-1	6346374	6269826	6258391	6291530	0.76	cps
Rhodium	103-2	1995402	1980065	2000039	1991835	0.52	cps
Scandium	45-1	4179127	4118146	4139541	4145605	0.75	cps
Scandium	45-2	38881	39058	39168	39035	0.37	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-8	-98	-3	-36	-148.73	cps
Silicon	28-1	1297250	1285899	1307720	1296956	0.84	cps
Silver	109-1	1033	1117	967	1039	7.23	cps
Silver	107-1	1008	1267	1283	1186	13.00	cps
Sodium	23-2	21659	21634	21342	21545	0.82	cps
Strontium	86-1	62904	61263	60837	61668	1.77	cps
Strontium	88-1	508893	519587	512915	513798	1.05	cps
Sulfur	34-1	360539	359526	358545	359537	0.28	cps
Terbium	159-1	7841560	7840242	7775900	7819234	0.48	cps
Terbium	159-2	2071277	2018658	2060875	2050270	1.36	cps
Thallium	203-1	242	167	183	197	19.97	cps
Thallium	205-1	550	525	633	569	9.96	cps
Tin	118-1	1550	1484	1442	1492	3.66	cps
Titanium	47-1	233	192	242	222	12.05	cps
Uranium	238-1	467	492	417	458	8.33	cps
Vanadium	51-2	27	17	13	19	36.75	cps
Yttrium	89-1	6989794	6896615	6999744	6962051	0.82	cps
Yttrium	89-2	265727	264405	266270	265467	0.36	cps
Zinc	66-2	130	107	123	120	10.01	cps
Zirconium	90-1	900	717	800	806	11.40	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-04DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW01DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:23:10	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	217	167	169	27.09	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-05DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-GMZ6-ER2DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:26:18	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	33	8	22	57.29	cps
Antimony	121-1	792	958	950	900	10.43	cps
Arsenic	75-2	7	15	2	8	81.04	cps
Barium	135-1	17	33	58	36	58.08	cps
Barium	137-1	42	50	50	47	10.18	cps
Beryllium	9-1	200	211	211	207	3.09	cps
Bismuth	209-1	4328987	4339713	4249788	4306163	1.14	cps
Bismuth	209-2	1580977	1601944	1620357	1601093	1.23	cps
Boron	10-1	1492	1533	1350	1458	6.59	cps
Boron	11-1	6285	6368	6168	6274	1.60	cps
Cadmium	111-1	964	863	966	931	6.37	cps
Cadmium	106-1	1342	1208	1367	1306	6.52	cps
Cadmium	108-1	0	0	4	1	173.21	cps
Calcium	43-1	2967	2842	2675	2828	5.18	cps
Calcium	44-1	47540	48109	48259	47969	0.79	cps
Chromium	52-2	1077	913	977	989	8.33	cps
Cobalt	59-2	30	30	40	33	17.32	cps
Copper	63-2	793	817	743	784	4.78	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	42	17	17	25	57.73	cps
Erbium	164-2	10	0	20	10	100.00	cps
Gadolinium	160-1	75	50	25	50	50.00	cps
Gadolinium	160-2	7	10	3	7	50.03	cps
Holmium	165-1	7282188	7351825	7129643	7254552	1.57	cps
Holmium	165-2	2109646	2126924	2116354	2117641	0.41	cps
Indium	115-1	6571686	6546991	6375463	6498047	1.64	cps
Indium	115-2	359222	367200	372048	366157	1.77	cps
Iron	56-2	2750	2956	2873	2860	3.62	cps
Iron	57-2	72	83	50	69	24.77	cps
Lead	206-1	394	506	444	448	12.42	cps
Lead	207-1	383	428	428	413	6.21	cps
Lead	208-1	1667	1956	1945	1856	8.82	cps
Lithium	6-1	1077128	1109065	1076547	1087580	1.71	cps
Magnesium	24-2	175	200	158	178	11.80	cps
Manganese	55-2	60	87	47	64	31.60	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-05DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-GMZ6-ER2DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:26:18	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	242	267	258	256	4.98	cps
Molybdenum	95-1	25	58	17	33	66.14	cps
Molybdenum	96-1	142	108	108	119	16.11	cps
Molybdenum	97-1	125	125	133	128	3.76	cps
Molybdenum	98-1	100	58	17	58	71.43	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	83	143	117	114	26.27	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	4001	3834	3309	3715	9.72	cps
Rhodium	103-1	6221899	6231045	6164473	6205805	0.58	cps
Rhodium	103-2	1944035	2001681	2007920	1984545	1.77	cps
Scandium	45-1	4095745	4125722	4003446	4074971	1.56	cps
Scandium	45-2	38877	39245	39917	39346	1.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-61	-139	-189	-130	-50.06	cps
Silicon	28-1	373454	364485	352182	363374	2.94	cps
Silver	109-1	800	825	775	800	3.13	cps
Silver	107-1	908	1309	992	1070	19.74	cps
Sodium	23-2	8812	9220	8553	8861	3.80	cps
Strontium	86-1	1283	1183	1342	1270	6.31	cps
Strontium	88-1	525	392	475	464	14.52	cps
Sulfur	34-1	359624	359648	360457	359910	0.13	cps
Terbium	159-1	7736216	7811453	7542420	7696696	1.80	cps
Terbium	159-2	2024232	2067192	2057726	2049717	1.10	cps
Thallium	203-1	117	192	167	158	24.12	cps
Thallium	205-1	483	358	442	428	14.88	cps
Tin	118-1	883	1000	867	917	7.93	cps
Titanium	47-1	292	167	183	214	31.73	cps
Uranium	238-1	75	67	17	53	59.77	cps
Vanadium	51-2	0	10	17	9	94.38	cps
Yttrium	89-1	6903952	6951677	6761131	6872253	1.44	cps
Yttrium	89-2	263228	265501	269323	266018	1.16	cps
Zinc	66-2	117	80	97	98	18.78	cps
Zirconium	90-1	800	650	783	745	11.04	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-05DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-GMZ6-ER2DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:26:18	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	158	117	150	20.03	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-06DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW05DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:29:26	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	42	58	47	20.38	cps
Antimony	121-1	908	1142	1075	1042	11.54	cps
Arsenic	75-2	35	57	50	48	23.80	cps
Barium	135-1	7269	7628	7428	7441	2.41	cps
Barium	137-1	12632	13274	12548	12818	3.10	cps
Beryllium	9-1	183	178	139	167	14.53	cps
Bismuth	209-1	4363189	4344163	4480603	4395985	1.68	cps
Bismuth	209-2	1591406	1601216	1606832	1599818	0.49	cps
Boron	10-1	1192	1217	1333	1247	6.06	cps
Boron	11-1	5710	5643	5510	5621	1.81	cps
Cadmium	111-1	1067	1038	867	991	10.89	cps
Cadmium	106-1	1500	1475	1225	1400	10.86	cps
Cadmium	108-1	0	17	4	7	124.88	cps
Calcium	43-1	115690	116817	117017	116508	0.61	cps
Calcium	44-1	1976714	1965246	1959222	1967061	0.45	cps
Chromium	52-2	1090	1007	953	1017	6.78	cps
Cobalt	59-2	247	277	207	243	14.43	cps
Copper	63-2	803	683	707	731	8.70	cps
Dysprosium	156-1	50	25	17	31	56.77	cps
Dysprosium	156-2	10	3	10	8	49.52	cps
Erbium	164-1	42	67	50	53	24.12	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	83	50	33	56	45.83	cps
Gadolinium	160-2	10	30	17	19	53.91	cps
Holmium	165-1	7372486	7364124	7459011	7398540	0.71	cps
Holmium	165-2	2092259	2103445	2094976	2096893	0.28	cps
Indium	115-1	6499627	6499694	6605245	6534855	0.93	cps
Indium	115-2	361435	362460	364484	362793	0.43	cps
Iron	56-2	160973	160562	161821	161119	0.40	cps
Iron	57-2	4384	4234	4145	4254	2.84	cps
Lead	206-1	506	567	506	526	6.71	cps
Lead	207-1	411	317	344	357	13.58	cps
Lead	208-1	1839	1822	1828	1830	0.46	cps
Lithium	6-1	1098798	1088835	1101296	1096310	0.60	cps
Magnesium	24-2	17904	17879	17019	17600	2.86	cps
Manganese	55-2	13223	13390	13684	13432	1.74	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-06DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW05DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:29:26	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	283	333	367	328	12.80	cps
Molybdenum	95-1	75	25	17	39	81.12	cps
Molybdenum	96-1	192	108	200	167	30.41	cps
Molybdenum	97-1	175	117	175	156	21.65	cps
Molybdenum	98-1	108	142	83	111	26.34	cps
Neodymium	150-1	67	53	47	56	18.33	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	207	200	147	184	17.83	cps
Phosphorus	31-2	25	17	17	19	24.73	cps
Potassium	39-2	4301	4117	4643	4354	6.12	cps
Rhodium	103-1	6228694	6286617	6319380	6278230	0.73	cps
Rhodium	103-2	1979005	1969400	1988593	1978999	0.48	cps
Scandium	45-1	4156639	4155631	4114952	4142408	0.57	cps
Scandium	45-2	38951	38834	39466	39083	0.86	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	4	4	6	57.80	cps
Selenium	82-1	-69	-8	-79	-52	-74.35	cps
Silicon	28-1	1388420	1401724	1397861	1396002	0.49	cps
Silver	109-1	775	658	875	770	14.09	cps
Silver	107-1	717	758	892	789	11.59	cps
Sodium	23-2	17620	17804	17378	17601	1.21	cps
Strontium	86-1	67140	66630	67626	67132	0.74	cps
Strontium	88-1	575861	571371	569812	572348	0.55	cps
Sulfur	34-1	358794	356281	362272	359116	0.84	cps
Terbium	159-1	7664295	7749934	7697422	7703884	0.56	cps
Terbium	159-2	2034762	2038325	2046161	2039749	0.29	cps
Thallium	203-1	125	175	142	147	17.30	cps
Thallium	205-1	425	308	367	367	15.91	cps
Tin	118-1	900	825	808	845	5.78	cps
Titanium	47-1	208	183	233	208	12.00	cps
Uranium	238-1	550	417	342	436	24.20	cps
Vanadium	51-2	40	23	7	23	71.42	cps
Yttrium	89-1	6985871	6952156	7035581	6991203	0.60	cps
Yttrium	89-2	263581	265957	267186	265575	0.69	cps
Zinc	66-2	127	123	137	129	5.38	cps
Zirconium	90-1	817	742	558	706	18.84	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-06DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW05DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:29:26	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	158	150	164	10.58	cps

LB Number : LB89292 Operator : Jaswal
 Lab Sample ID : I4506-07DLX20 Instrumnet Name : P8
 Client Sample ID : SP17-FTA-BW05-9001DI Dilution Factor : 20
 Date & Time Acquired :: 2017-08-04 17:32:33 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	25	58	36	53.30	cps
Antimony	121-1	1142	1142	1092	1125	2.57	cps
Arsenic	75-2	81	59	35	59	39.48	cps
Barium	135-1	9270	8795	8812	8959	3.01	cps
Barium	137-1	14901	15735	14842	15159	3.30	cps
Beryllium	9-1	156	133	217	169	25.61	cps
Bismuth	209-1	4226265	4278162	4251872	4252100	0.61	cps
Bismuth	209-2	1589458	1566611	1584313	1580127	0.76	cps
Boron	10-1	1250	942	1025	1072	14.88	cps
Boron	11-1	4693	5293	4784	4923	6.57	cps
Cadmium	111-1	838	1023	828	896	12.24	cps
Cadmium	106-1	1208	1442	1175	1275	11.40	cps
Cadmium	108-1	17	4	4	8	86.57	cps
Calcium	43-1	144370	140725	140723	141939	1.48	cps
Calcium	44-1	2387601	2368160	2383347	2379703	0.43	cps
Chromium	52-2	1010	990	1033	1011	2.15	cps
Cobalt	59-2	287	273	243	268	8.29	cps
Copper	63-2	790	777	840	802	4.16	cps
Dysprosium	156-1	58	25	33	39	44.62	cps
Dysprosium	156-2	17	17	7	13	43.29	cps
Erbium	164-1	83	67	67	72	13.33	cps
Erbium	164-2	0	10	27	12	110.23	cps
Gadolinium	160-1	50	142	83	92	50.62	cps
Gadolinium	160-2	20	20	17	19	10.18	cps
Holmium	165-1	7155945	7210805	7208349	7191700	0.43	cps
Holmium	165-2	2089112	2064523	2027625	2060420	1.50	cps
Indium	115-1	6382806	6367683	6449038	6399842	0.68	cps
Indium	115-2	363681	357745	355061	358829	1.23	cps
Iron	56-2	199928	195512	199551	198330	1.23	cps
Iron	57-2	5207	4968	4873	5016	3.43	cps
Lead	206-1	328	478	350	385	21.02	cps
Lead	207-1	361	389	339	363	6.90	cps
Lead	208-1	1661	1717	1589	1656	3.87	cps
Lithium	6-1	1071235	1055534	1096592	1074454	1.93	cps
Magnesium	24-2	21684	21392	20883	21320	1.90	cps
Manganese	55-2	16870	16203	15979	16351	2.84	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-07DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW05-9001DI	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:32:33	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	325	383	325	344	9.78	cps
Molybdenum	95-1	42	33	83	53	50.76	cps
Molybdenum	96-1	125	217	167	169	27.09	cps
Molybdenum	97-1	133	158	133	142	10.19	cps
Molybdenum	98-1	83	133	83	100	28.87	cps
Neodymium	150-1	67	27	40	44	45.82	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	210	183	173	189	10.04	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	4468	4318	4309	4365	2.04	cps
Rhodium	103-1	6087500	6095725	6120336	6101187	0.28	cps
Rhodium	103-2	1996284	1958145	1931578	1962002	1.66	cps
Scandium	45-1	4025336	4048481	4067586	4047134	0.52	cps
Scandium	45-2	38493	38446	38005	38315	0.70	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	-134	-100	-38	-91	-53.61	cps
Silicon	28-1	1631554	1609807	1639019	1626793	0.93	cps
Silver	109-1	933	867	775	858	9.26	cps
Silver	107-1	967	917	925	936	2.86	cps
Sodium	23-2	20315	19740	20173	20076	1.49	cps
Strontium	86-1	82299	82750	81200	82083	0.97	cps
Strontium	88-1	705270	706771	701205	704415	0.41	cps
Sulfur	34-1	357659	353292	356048	355666	0.62	cps
Terbium	159-1	7508239	7553074	7745914	7602409	1.66	cps
Terbium	159-2	2022420	1977000	1987992	1995804	1.19	cps
Thallium	203-1	167	133	108	136	21.50	cps
Thallium	205-1	367	408	317	364	12.61	cps
Tin	118-1	958	933	933	942	1.53	cps
Titanium	47-1	125	200	292	206	40.61	cps
Uranium	238-1	367	492	533	464	18.70	cps
Vanadium	51-2	23	37	23	28	27.73	cps
Yttrium	89-1	6761161	6808582	6809795	6793179	0.41	cps
Yttrium	89-2	262344	257916	259383	259881	0.87	cps
Zinc	66-2	80	97	90	89	9.44	cps
Zirconium	90-1	750	850	767	789	6.79	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-07DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-FTA-BW05-9001DI	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:32:33	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	158	150	158	5.26	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:35:40	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	42	25	36	26.65	cps
Antimony	121-1	775	925	858	853	8.81	cps
Arsenic	75-2	15	35	30	27	39.69	cps
Barium	135-1	8003	7828	8386	8072	3.54	cps
Barium	137-1	13983	13774	14450	14069	2.46	cps
Beryllium	9-1	172	144	139	152	11.76	cps
Bismuth	209-1	4228714	4302309	4217848	4249624	1.08	cps
Bismuth	209-2	1594699	1587588	1604661	1595649	0.54	cps
Boron	10-1	925	808	750	828	10.76	cps
Boron	11-1	4751	4576	4242	4523	5.71	cps
Cadmium	111-1	834	915	898	882	4.87	cps
Cadmium	106-1	1183	1300	1283	1256	5.03	cps
Cadmium	108-1	4	4	13	7	69.23	cps
Calcium	43-1	111717	109778	109457	110317	1.11	cps
Calcium	44-1	1862186	1876000	1838116	1858767	1.03	cps
Chromium	52-2	1120	953	993	1022	8.51	cps
Cobalt	59-2	333	377	380	363	7.17	cps
Copper	63-2	720	723	723	722	0.27	cps
Dysprosium	156-1	42	0	25	22	94.38	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	25	42	125	64	83.86	cps
Erbium	164-2	13	13	20	16	24.76	cps
Gadolinium	160-1	100	92	83	92	9.09	cps
Gadolinium	160-2	10	7	30	16	81.11	cps
Holmium	165-1	7071288	7174957	7034535	7093593	1.03	cps
Holmium	165-2	2084703	2048118	2076213	2069678	0.93	cps
Indium	115-1	6252461	6481273	6353832	6362522	1.80	cps
Indium	115-2	362648	362805	365214	363556	0.40	cps
Iron	56-2	125651	123436	125387	124825	0.97	cps
Iron	57-2	2989	3339	3023	3117	6.20	cps
Lead	206-1	450	544	389	461	17.00	cps
Lead	207-1	433	361	417	404	9.37	cps
Lead	208-1	1928	1956	1839	1908	3.19	cps
Lithium	6-1	1054775	1096725	1074678	1075393	1.95	cps
Magnesium	24-2	16727	17328	16627	16894	2.24	cps
Manganese	55-2	13794	13203	13630	13542	2.25	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:35:40	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	325	408	200	311	33.71	cps
Molybdenum	95-1	25	25	25	25	0.00	cps
Molybdenum	96-1	167	183	200	183	9.09	cps
Molybdenum	97-1	167	117	100	128	27.15	cps
Molybdenum	98-1	83	67	100	83	20.00	cps
Neodymium	150-1	13	40	53	36	57.29	cps
Neodymium	150-2	13	7	10	10	33.30	cps
Nickel	60-2	223	190	193	202	9.08	cps
Phosphorus	31-2	0	8	25	11	114.58	cps
Potassium	39-2	4326	4359	3992	4226	4.80	cps
Rhodium	103-1	6103400	6219578	6042038	6121672	1.47	cps
Rhodium	103-2	1968103	1956478	1993213	1972598	0.95	cps
Scandium	45-1	4004753	4091432	4034782	4043656	1.09	cps
Scandium	45-2	39024	39569	39068	39220	0.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	2	0	4	137.79	cps
Selenium	82-1	37	-140	-25	-43	-210.25	cps
Silicon	28-1	1252920	1240346	1236571	1243279	0.69	cps
Silver	109-1	583	783	642	669	15.36	cps
Silver	107-1	750	725	683	719	4.68	cps
Sodium	23-2	19456	19664	19456	19525	0.62	cps
Strontium	86-1	63449	64772	63038	63753	1.42	cps
Strontium	88-1	536582	539002	536041	537208	0.29	cps
Sulfur	34-1	363057	362759	362014	362610	0.15	cps
Terbium	159-1	7465952	7676509	7421557	7521339	1.81	cps
Terbium	159-2	2039068	2030713	2031968	2033916	0.22	cps
Thallium	203-1	175	142	58	125	48.07	cps
Thallium	205-1	308	200	258	256	21.22	cps
Tin	118-1	842	817	850	836	2.07	cps
Titanium	47-1	208	225	250	228	9.21	cps
Uranium	238-1	800	742	658	733	9.71	cps
Vanadium	51-2	17	33	17	22	43.28	cps
Yttrium	89-1	6748598	6848470	6769653	6788907	0.78	cps
Yttrium	89-2	267126	262800	267745	265890	1.01	cps
Zinc	66-2	87	60	50	66	28.92	cps
Zirconium	90-1	1185	808	683	892	29.27	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:35:40	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	125	192	192	34.78	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:38:48	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	42	50	33	66.15	cps
Antimony	121-1	875	767	692	778	11.85	cps
Arsenic	75-2	17	20	22	20	14.31	cps
Barium	135-1	8503	8236	8386	8375	1.60	cps
Barium	137-1	14517	14325	14884	14575	1.95	cps
Beryllium	9-1	117	117	183	139	27.71	cps
Bismuth	209-1	4318391	4446826	4455491	4406903	1.74	cps
Bismuth	209-2	1616391	1631955	1644525	1630957	0.86	cps
Boron	10-1	767	883	808	820	7.22	cps
Boron	11-1	3792	4134	4251	4059	5.87	cps
Cadmium	111-1	904	1064	1006	991	8.19	cps
Cadmium	106-1	1283	1509	1417	1403	8.07	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Calcium	43-1	117976	114682	116245	116301	1.42	cps
Calcium	44-1	1935937	1947082	1931368	1938129	0.42	cps
Chromium	52-2	960	1160	1073	1065	9.42	cps
Cobalt	59-2	397	367	367	377	4.60	cps
Copper	63-2	747	717	770	744	3.59	cps
Dysprosium	156-1	50	33	83	56	45.83	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	108	25	92	75	58.80	cps
Erbium	164-2	13	23	20	19	26.96	cps
Gadolinium	160-1	83	50	58	64	27.15	cps
Gadolinium	160-2	23	23	33	27	21.65	cps
Holmium	165-1	7401497	7391443	7396420	7396453	0.07	cps
Holmium	165-2	2133094	2130944	2150135	2138058	0.49	cps
Indium	115-1	6553772	6697528	6745069	6665456	1.49	cps
Indium	115-2	367589	372941	374624	371718	0.99	cps
Iron	56-2	134036	133186	130836	132686	1.25	cps
Iron	57-2	3239	3434	3384	3352	3.01	cps
Lead	206-1	589	378	467	478	22.18	cps
Lead	207-1	383	411	411	402	3.99	cps
Lead	208-1	1861	1861	1867	1863	0.17	cps
Lithium	6-1	1113781	1111008	1135284	1120024	1.19	cps
Magnesium	24-2	17011	16869	17077	16986	0.63	cps
Manganese	55-2	14498	14164	14424	14362	1.22	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:38:48	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	283	242	333	286	16.04	cps
Molybdenum	95-1	67	33	33	44	43.31	cps
Molybdenum	96-1	133	92	125	117	18.90	cps
Molybdenum	97-1	117	125	100	114	11.18	cps
Molybdenum	98-1	50	92	75	72	29.04	cps
Neodymium	150-1	47	47	60	51	15.06	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	173	147	140	153	11.51	cps
Phosphorus	31-2	25	0	17	14	91.65	cps
Potassium	39-2	4293	4051	4368	4237	3.91	cps
Rhodium	103-1	6394011	6361227	6536178	6430472	1.45	cps
Rhodium	103-2	2042201	2048039	2008710	2032983	1.04	cps
Scandium	45-1	4183550	4215117	4309567	4236078	1.55	cps
Scandium	45-2	39977	40087	41250	40438	1.75	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	-96	-169	-3	-89	-93.03	cps
Silicon	28-1	1297187	1299168	1283678	1293344	0.65	cps
Silver	109-1	683	550	808	681	18.98	cps
Silver	107-1	692	750	758	733	4.95	cps
Sodium	23-2	20565	20440	19873	20293	1.82	cps
Strontium	86-1	64302	67015	66270	65863	2.13	cps
Strontium	88-1	567001	565422	564134	565519	0.25	cps
Sulfur	34-1	369062	372877	371430	371123	0.52	cps
Terbium	159-1	7904738	7847008	7990399	7914048	0.91	cps
Terbium	159-2	2051805	2066681	2079767	2066084	0.68	cps
Thallium	203-1	167	125	125	139	17.32	cps
Thallium	205-1	233	333	317	294	18.19	cps
Tin	118-1	842	1000	967	936	8.92	cps
Titanium	47-1	233	150	150	178	27.07	cps
Uranium	238-1	625	725	700	683	7.62	cps
Vanadium	51-2	37	23	7	22	67.63	cps
Yttrium	89-1	7039201	7143465	7151498	7111388	0.88	cps
Yttrium	89-2	270337	271966	274971	272425	0.86	cps
Zinc	66-2	120	123	73	106	26.49	cps
Zirconium	90-1	658	642	800	700	12.43	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:38:48	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	175	192	172	12.18	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08LDLX100	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-08-04 17:41:55	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	50	25	33	43.30	cps
Antimony	121-1	167	208	183	186	11.27	cps
Arsenic	75-2	2	7	15	8	81.04	cps
Barium	135-1	1642	1508	1383	1511	8.55	cps
Barium	137-1	2684	2659	2675	2673	0.48	cps
Beryllium	9-1	133	144	83	120	27.04	cps
Bismuth	209-1	4395930	4145642	4204391	4248654	3.08	cps
Bismuth	209-2	1606748	1595410	1620746	1607635	0.79	cps
Boron	10-1	817	767	817	800	3.61	cps
Boron	11-1	3567	3351	3209	3376	5.35	cps
Cadmium	111-1	1033	921	729	894	17.20	cps
Cadmium	106-1	1450	1292	1042	1261	16.33	cps
Cadmium	108-1	4	0	13	6	114.53	cps
Calcium	43-1	23671	24455	24030	24052	1.63	cps
Calcium	44-1	401271	400955	390414	397547	1.55	cps
Chromium	52-2	1123	1090	1020	1078	4.89	cps
Cobalt	59-2	90	97	83	90	7.41	cps
Copper	63-2	433	537	447	472	11.90	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	25	33	8	22	57.29	cps
Erbium	164-2	3	13	3	7	86.65	cps
Gadolinium	160-1	83	33	25	47	66.82	cps
Gadolinium	160-2	13	13	7	11	34.61	cps
Holmium	165-1	7380880	6895937	7129289	7135369	3.40	cps
Holmium	165-2	2127765	2058181	2123094	2103013	1.85	cps
Indium	115-1	6662677	6155563	6391442	6403227	3.96	cps
Indium	115-2	368652	365402	372958	369004	1.03	cps
Iron	56-2	27071	26103	27350	26841	2.44	cps
Iron	57-2	822	728	783	778	6.10	cps
Lead	206-1	389	467	506	454	13.09	cps
Lead	207-1	428	328	267	341	23.87	cps
Lead	208-1	1895	1806	1683	1795	5.91	cps
Lithium	6-1	1131199	1066178	1092658	1096678	2.98	cps
Magnesium	24-2	3292	3309	3292	3298	0.29	cps
Manganese	55-2	2624	2764	2784	2724	3.20	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08LDLX100	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-08-04 17:41:55	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	250	1121	317	563	86.18	cps
Molybdenum	95-1	17	42	25	28	45.82	cps
Molybdenum	96-1	133	175	58	122	48.38	cps
Molybdenum	97-1	150	125	117	131	13.29	cps
Molybdenum	98-1	75	50	25	50	50.00	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	187	140	107	144	27.82	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	3467	3342	3559	3456	3.15	cps
Rhodium	103-1	6379789	5955806	6177234	6170943	3.44	cps
Rhodium	103-2	2001190	1987884	1984125	1991066	0.45	cps
Scandium	45-1	4202861	3986989	4110810	4100220	2.64	cps
Scandium	45-2	38787	39432	40040	39420	1.59	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	-195	-70	-61	-109	-68.91	cps
Silicon	28-1	588821	584561	582074	585152	0.58	cps
Silver	109-1	342	442	400	394	12.73	cps
Silver	107-1	450	417	433	433	3.85	cps
Sodium	23-2	9745	9312	9253	9437	2.85	cps
Strontium	86-1	14016	13707	13833	13852	1.12	cps
Strontium	88-1	107882	104977	105061	105973	1.56	cps
Sulfur	34-1	378543	378281	378709	378511	0.06	cps
Terbium	159-1	7806500	7302626	7475332	7528153	3.40	cps
Terbium	159-2	2045168	2033348	2075423	2051313	1.06	cps
Thallium	203-1	142	92	158	131	26.58	cps
Thallium	205-1	308	292	258	286	8.90	cps
Tin	118-1	742	783	758	761	2.76	cps
Titanium	47-1	167	192	192	183	7.88	cps
Uranium	238-1	92	225	150	156	42.97	cps
Vanadium	51-2	10	10	20	13	43.30	cps
Yttrium	89-1	7139513	6636898	6865894	6880768	3.66	cps
Yttrium	89-2	268132	267244	270495	268624	0.63	cps
Zinc	66-2	90	80	70	80	12.50	cps
Zirconium	90-1	542	508	425	492	12.22	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08LDLX100	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-08-04 17:41:55	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	33	142	89	61.00	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-09DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:45:04	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3859	3692	3717	3756	2.39	cps
Antimony	121-1	238541	238469	237053	238021	0.35	cps
Arsenic	75-2	3456	3693	3625	3591	3.40	cps
Barium	135-1	236180	241094	235776	237683	1.25	cps
Barium	137-1	409563	415020	411391	411991	0.67	cps
Beryllium	9-1	36207	36219	35494	35973	1.15	cps
Bismuth	209-1	4289782	4343739	4418464	4350662	1.49	cps
Bismuth	209-2	1639865	1634394	1613950	1629403	0.84	cps
Boron	10-1	4384	4251	4634	4423	4.40	cps
Boron	11-1	20173	21116	21366	20885	3.01	cps
Cadmium	111-1	52468	52295	52986	52583	0.68	cps
Cadmium	106-1	6577	6260	6560	6466	2.76	cps
Cadmium	108-1	3746	3909	3755	3803	2.41	cps
Calcium	43-1	171688	173028	171249	171988	0.54	cps
Calcium	44-1	2876213	2866914	2884074	2875734	0.30	cps
Chromium	52-2	30991	30878	30721	30863	0.44	cps
Cobalt	59-2	62610	62791	63276	62892	0.55	cps
Copper	63-2	103593	104694	104439	104242	0.55	cps
Dysprosium	156-1	42	33	42	39	12.38	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	258	233	233	242	5.97	cps
Erbium	164-2	83	70	80	78	8.92	cps
Gadolinium	160-1	142	67	67	92	47.24	cps
Gadolinium	160-2	17	17	17	17	0.00	cps
Holmium	165-1	7209389	7332226	7321265	7287626	0.93	cps
Holmium	165-2	2153565	2124038	2148380	2141994	0.74	cps
Indium	115-1	6538647	6541561	6611955	6564054	0.63	cps
Indium	115-2	374663	373261	373035	373653	0.24	cps
Iron	56-2	1086852	1079633	1075933	1080806	0.51	cps
Iron	57-2	27160	26915	26732	26936	0.80	cps
Lead	206-1	127932	124348	125694	125991	1.44	cps
Lead	207-1	113145	113907	115023	114025	0.83	cps
Lead	208-1	510546	510914	509948	510469	0.10	cps
Lithium	6-1	1115385	1111297	1115574	1114085	0.22	cps
Magnesium	24-2	118683	117743	117743	118057	0.46	cps
Manganese	55-2	29916	29735	29962	29871	0.40	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-09DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:45:04	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	187796	189276	189166	188746	0.44	cps
Molybdenum	95-1	99598	99866	98834	99433	0.54	cps
Molybdenum	96-1	128084	130061	127589	128578	1.02	cps
Molybdenum	97-1	62218	63365	61774	62453	1.31	cps
Molybdenum	98-1	159715	161748	161442	160968	0.68	cps
Neodymium	150-1	60	40	60	53	21.65	cps
Neodymium	150-2	10	3	20	11	75.52	cps
Nickel	60-2	19077	18549	18626	18751	1.52	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	34569	33507	33616	33897	1.72	cps
Rhodium	103-1	6188669	6313196	6340376	6280747	1.29	cps
Rhodium	103-2	2006363	1994605	2036778	2012582	1.08	cps
Scandium	45-1	4178827	4217653	4158877	4185119	0.71	cps
Scandium	45-2	40468	40655	40559	40561	0.23	cps
Selenium	77-2	23	33	27	28	18.33	cps
Selenium	78-2	102	93	93	96	5.59	cps
Selenium	82-1	3352	3383	3235	3323	2.35	cps
Silicon	28-1	1383697	1393866	1372951	1383505	0.76	cps
Silver	109-1	237141	238910	236812	237621	0.47	cps
Silver	107-1	250186	255404	250775	252122	1.13	cps
Sodium	23-2	266213	266662	262842	265239	0.79	cps
Strontium	86-1	64947	66329	66554	65943	1.32	cps
Strontium	88-1	557544	564803	556971	559773	0.78	cps
Sulfur	34-1	372740	370829	369837	371135	0.40	cps
Terbium	159-1	7636243	7832015	7767431	7745230	1.29	cps
Terbium	159-2	2106241	2067818	2093283	2089114	0.94	cps
Thallium	203-1	159010	158276	159252	158846	0.32	cps
Thallium	205-1	382265	377418	379486	379723	0.64	cps
Tin	118-1	160534	158808	158658	159334	0.65	cps
Titanium	47-1	27946	27728	29106	28260	2.62	cps
Uranium	238-1	459448	464369	467700	463839	0.90	cps
Vanadium	51-2	21680	21323	21877	21627	1.30	cps
Yttrium	89-1	7015848	6936698	6942490	6965012	0.63	cps
Yttrium	89-2	274897	271875	273691	273488	0.56	cps
Zinc	66-2	9443	9647	9417	9502	1.32	cps
Zirconium	90-1	366939	363242	359749	363310	0.99	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-09DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:45:04	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	80480	81225	79155	80287	1.31	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-10DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:48:11	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3626	3601	4042	3756	6.61	cps
Antimony	121-1	238596	237927	242963	239829	1.14	cps
Arsenic	75-2	3510	3578	3499	3529	1.22	cps
Barium	135-1	239178	238174	242006	239786	0.83	cps
Barium	137-1	414398	413577	419705	415893	0.80	cps
Beryllium	9-1	36152	36402	36948	36501	1.12	cps
Bismuth	209-1	4318909	4263999	4285555	4289488	0.64	cps
Bismuth	209-2	1639339	1630771	1646596	1638902	0.48	cps
Boron	10-1	4201	5026	4359	4529	9.67	cps
Boron	11-1	20641	20999	22151	21264	3.71	cps
Cadmium	111-1	53340	53836	54386	53854	0.97	cps
Cadmium	106-1	6794	6935	7044	6924	1.81	cps
Cadmium	108-1	3846	3680	3796	3774	2.27	cps
Calcium	43-1	171925	174472	175644	174014	1.09	cps
Calcium	44-1	2901540	2876979	2904594	2894371	0.52	cps
Chromium	52-2	31900	31021	31168	31363	1.50	cps
Cobalt	59-2	64267	64438	64103	64270	0.26	cps
Copper	63-2	106598	108056	106286	106980	0.88	cps
Dysprosium	156-1	42	42	42	42	0.00	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	258	158	300	239	30.48	cps
Erbium	164-2	60	80	73	71	14.32	cps
Gadolinium	160-1	150	158	108	139	19.29	cps
Gadolinium	160-2	13	17	27	19	36.75	cps
Holmium	165-1	7407536	7172270	7302274	7294027	1.62	cps
Holmium	165-2	2164521	2161860	2163730	2163370	0.06	cps
Indium	115-1	6627932	6567885	6548507	6581441	0.63	cps
Indium	115-2	378230	376648	378889	377922	0.30	cps
Iron	56-2	1099998	1085175	1089973	1091715	0.69	cps
Iron	57-2	27416	27188	27311	27305	0.42	cps
Lead	206-1	125168	126222	125797	125729	0.42	cps
Lead	207-1	115242	112871	115377	114496	1.23	cps
Lead	208-1	514958	511652	517357	514656	0.56	cps
Lithium	6-1	1127323	1123334	1104768	1118475	1.08	cps
Magnesium	24-2	118567	117079	117516	117720	0.65	cps
Manganese	55-2	30039	29829	30801	30223	1.69	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-10DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:48:11	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	191506	189362	193036	191301	0.96	cps
Molybdenum	95-1	101495	101812	102779	102029	0.66	cps
Molybdenum	96-1	129748	129344	131954	130349	1.08	cps
Molybdenum	97-1	62612	62813	63969	63131	1.16	cps
Molybdenum	98-1	161072	160390	162042	161168	0.52	cps
Neodymium	150-1	93	73	27	64	53.08	cps
Neodymium	150-2	3	13	7	8	65.47	cps
Nickel	60-2	18690	19070	18846	18869	1.01	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	33916	33624	33532	33691	0.60	cps
Rhodium	103-1	6248457	6272778	6240688	6253975	0.27	cps
Rhodium	103-2	2049725	2012760	2032965	2031817	0.91	cps
Scandium	45-1	4164881	4168408	4148790	4160693	0.25	cps
Scandium	45-2	40879	40585	41083	40849	0.61	cps
Selenium	77-2	23	27	20	23	14.29	cps
Selenium	78-2	106	94	122	107	13.01	cps
Selenium	82-1	3401	3452	3434	3429	0.75	cps
Silicon	28-1	1389779	1366268	1384466	1380171	0.89	cps
Silver	109-1	245511	241475	245248	244078	0.93	cps
Silver	107-1	255088	257153	256909	256383	0.44	cps
Sodium	23-2	270280	266936	266705	267974	0.75	cps
Strontium	86-1	66814	65383	67049	66415	1.36	cps
Strontium	88-1	561910	560915	568242	563689	0.71	cps
Sulfur	34-1	373443	368835	371470	371250	0.62	cps
Terbium	159-1	7804743	7706362	7732273	7747793	0.66	cps
Terbium	159-2	2118301	2089573	2106917	2104931	0.69	cps
Thallium	203-1	158570	159059	163183	160271	1.58	cps
Thallium	205-1	379109	385074	388912	384365	1.29	cps
Tin	118-1	158942	160849	162054	160615	0.98	cps
Titanium	47-1	28789	28213	30426	29142	3.94	cps
Uranium	238-1	463963	460345	471445	465251	1.22	cps
Vanadium	51-2	21921	21941	21907	21923	0.08	cps
Yttrium	89-1	7026424	7108166	6991682	7042091	0.85	cps
Yttrium	89-2	275603	273922	277013	275512	0.56	cps
Zinc	66-2	9730	9413	9890	9678	2.51	cps
Zirconium	90-1	368394	365385	373869	369216	1.16	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-10DLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:48:11	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	81670	82919	82064	82218	0.78	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:51:18	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	369749	369211	372281	370414	0.44	cps
Antimony	121-1	4678372	4780026	4669523	4709307	1.30	cps
Arsenic	75-2	65856	66036	66267	66053	0.31	cps
Barium	135-1	4859219	4882633	4858007	4866620	0.29	cps
Barium	137-1	8321987	8316813	8317460	8318754	0.03	cps
Beryllium	9-1	709847	707490	710829	709388	0.24	cps
Bismuth	209-1	4444224	4584597	4565465	4531429	1.68	cps
Bismuth	209-2	1608148	1616813	1612011	1612324	0.27	cps
Boron	10-1	81088	82537	83484	82370	1.47	cps
Boron	11-1	374312	381417	385271	380334	1.46	cps
Cadmium	111-1	1001759	1009510	1002594	1004621	0.42	cps
Cadmium	106-1	104209	105511	104024	104582	0.78	cps
Cadmium	108-1	70420	70056	70894	70457	0.60	cps
Calcium	43-1	5440068	5441311	5430804	5437394	0.11	cps
Calcium	44-1	87847060	88135367	87152187	87711538	0.58	cps
Chromium	52-2	556895	557178	558588	557554	0.16	cps
Cobalt	59-2	1134225	1147418	1135259	1138967	0.64	cps
Copper	63-2	1951919	1973237	1941002	1955386	0.84	cps
Dysprosium	156-1	125	142	192	153	22.71	cps
Dysprosium	156-2	17	23	17	19	20.36	cps
Erbium	164-1	67	108	58	78	34.44	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	108	83	108	100	14.43	cps
Gadolinium	160-2	37	30	37	34	11.18	cps
Holmium	165-1	7604423	7926314	7818607	7783115	2.11	cps
Holmium	165-2	2195665	2170032	2155428	2173708	0.94	cps
Indium	115-1	6457156	6670018	6518475	6548550	1.67	cps
Indium	115-2	354880	359236	358354	357490	0.64	cps
Iron	56-2	88821849	89301727	88841099	88988225	0.31	cps
Iron	57-2	2263286	2275173	2245013	2261157	0.67	cps
Lead	206-1	2588794	2608240	2643242	2613425	1.06	cps
Lead	207-1	2392443	2412581	2401429	2402151	0.42	cps
Lead	208-1	10616025	10681524	10643808	10647119	0.31	cps
Lithium	6-1	1136791	1185898	1154024	1158904	2.15	cps
Magnesium	24-2	9330272	9369600	9331994	9343955	0.24	cps
Manganese	55-2	306216	306738	306582	306512	0.09	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:51:18	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3866659	3902014	3916680	3895118	0.66	cps
Molybdenum	95-1	2116575	2112187	2142279	2123680	0.77	cps
Molybdenum	96-1	2717705	2728577	2702015	2716099	0.49	cps
Molybdenum	97-1	1274191	1287271	1293434	1284965	0.76	cps
Molybdenum	98-1	3375373	3396241	3379727	3383780	0.33	cps
Neodymium	150-1	187	160	160	169	9.11	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	332002	331321	328475	330599	0.57	cps
Phosphorus	31-2	5768	6043	5585	5799	3.98	cps
Potassium	39-2	2883225	2861623	2869879	2871576	0.38	cps
Rhodium	103-1	6084030	6202933	6201192	6162718	1.11	cps
Rhodium	103-2	1904494	1905493	1897858	1902615	0.22	cps
Scandium	45-1	4174361	4301487	4292084	4255978	1.66	cps
Scandium	45-2	40017	39917	40505	40146	0.78	cps
Selenium	77-2	433	463	507	468	7.88	cps
Selenium	78-2	1520	1628	1676	1608	4.95	cps
Selenium	82-1	64061	64671	64068	64267	0.54	cps
Silicon	28-1	2237893	2287289	2287114	2270765	1.25	cps
Silver	109-1	4758508	4772499	4783994	4771667	0.27	cps
Silver	107-1	5035703	5028185	5003795	5022561	0.33	cps
Sodium	23-2	22792684	22653170	22879509	22775121	0.50	cps
Strontium	86-1	1351947	1349473	1344125	1348515	0.30	cps
Strontium	88-1	11578201	11670151	11593661	11614004	0.42	cps
Sulfur	34-1	714549	711888	711459	712632	0.23	cps
Terbium	159-1	8129990	8346939	8233500	8236810	1.32	cps
Terbium	159-2	2104036	2135825	2094304	2111388	1.03	cps
Thallium	203-1	3245763	3262574	3251328	3253222	0.26	cps
Thallium	205-1	7557930	7602089	7541398	7567139	0.41	cps
Tin	118-1	3285764	3324912	3276215	3295630	0.78	cps
Titanium	47-1	580557	578596	576799	578651	0.32	cps
Uranium	238-1	9968699	10081668	10077677	10042682	0.64	cps
Vanadium	51-2	411126	410720	409559	410468	0.20	cps
Yttrium	89-1	7052419	7246732	7183539	7160897	1.38	cps
Yttrium	89-2	268937	269042	271510	269829	0.54	cps
Zinc	66-2	174343	174731	172646	173907	0.64	cps
Zirconium	90-1	7294459	7366319	7378051	7346276	0.62	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:51:18	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1646087	1667379	1651136	1654868	0.67	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:54:16	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	8	14	69.31	cps
Antimony	121-1	2467	2042	2375	2295	9.75	cps
Arsenic	75-2	7	6	11	8	35.21	cps
Barium	135-1	342	125	50	172	87.94	cps
Barium	137-1	700	175	100	325	100.59	cps
Beryllium	9-1	250	233	206	230	9.78	cps
Bismuth	209-1	4527697	4623107	4608708	4586504	1.12	cps
Bismuth	209-2	1749873	1672239	1723363	1715158	2.30	cps
Boron	10-1	2600	2534	2167	2434	9.59	cps
Boron	11-1	11363	11305	9896	10855	7.66	cps
Cadmium	111-1	1230	973	861	1021	18.54	cps
Cadmium	106-1	1542	1350	1158	1350	14.20	cps
Cadmium	108-1	17	8	0	8	100.02	cps
Calcium	43-1	3009	2625	2125	2586	17.13	cps
Calcium	44-1	51797	46110	45517	47808	7.25	cps
Chromium	52-2	1050	1080	830	987	13.84	cps
Cobalt	59-2	60	30	27	39	47.20	cps
Copper	63-2	543	530	543	539	1.43	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	25	42	33	33	25.01	cps
Erbium	164-2	3	7	13	8	65.47	cps
Gadolinium	160-1	50	25	33	36	35.25	cps
Gadolinium	160-2	10	7	3	7	50.03	cps
Holmium	165-1	7554186	7618646	7745288	7639373	1.27	cps
Holmium	165-2	2198408	2159577	2180420	2179468	0.89	cps
Indium	115-1	6736938	6680678	6772027	6729881	0.68	cps
Indium	115-2	376180	374924	375776	375627	0.17	cps
Iron	56-2	3300	3256	3212	3256	1.37	cps
Iron	57-2	111	106	94	104	8.18	cps
Lead	206-1	822	589	567	659	21.47	cps
Lead	207-1	683	500	511	565	18.20	cps
Lead	208-1	3295	2239	2445	2659	21.04	cps
Lithium	6-1	1126152	1149898	1159268	1145106	1.49	cps
Magnesium	24-2	117	175	175	156	21.65	cps
Manganese	55-2	70	67	63	67	5.00	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:54:16	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	908	708	567	728	23.59	cps
Molybdenum	95-1	383	267	225	292	28.14	cps
Molybdenum	96-1	617	417	383	472	26.72	cps
Molybdenum	97-1	275	175	242	231	22.09	cps
Molybdenum	98-1	625	425	275	442	39.76	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	153	97	123	23.09	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	3634	3884	3501	3673	5.30	cps
Rhodium	103-1	6286866	6365412	6483237	6378505	1.55	cps
Rhodium	103-2	2043168	2022911	2029299	2031792	0.51	cps
Scandium	45-1	4119334	4126200	4200281	4148605	1.08	cps
Scandium	45-2	40097	40061	40619	40259	0.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-23	-100	-151	-92	-70.17	cps
Silicon	28-1	365594	369569	375303	370155	1.32	cps
Silver	109-1	1000	783	683	822	19.69	cps
Silver	107-1	1258	892	900	1017	20.59	cps
Sodium	23-2	9854	9187	8678	9240	6.38	cps
Strontium	86-1	1375	1442	1392	1403	2.47	cps
Strontium	88-1	900	400	333	544	56.89	cps
Sulfur	34-1	358547	355814	361560	358640	0.80	cps
Terbium	159-1	7912591	8032489	8151518	8032199	1.49	cps
Terbium	159-2	2115044	2106320	2103429	2108264	0.29	cps
Thallium	203-1	825	500	442	589	35.08	cps
Thallium	205-1	1717	1217	933	1289	30.77	cps
Tin	118-1	1834	1700	1450	1661	11.72	cps
Titanium	47-1	150	167	167	161	5.97	cps
Uranium	238-1	842	283	100	408	94.61	cps
Vanadium	51-2	27	20	20	22	17.33	cps
Yttrium	89-1	6953057	6999793	7154423	7035757	1.50	cps
Yttrium	89-2	273271	269764	271558	271531	0.65	cps
Zinc	66-2	83	50	57	63	27.85	cps
Zirconium	90-1	1942	1517	1358	1606	18.79	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 17:54:16	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1027	308	283	540	78.30	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08ADLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:57:23	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3667	4109	3617	3798	7.13	cps
Antimony	121-1	239103	238297	242007	239802	0.81	cps
Arsenic	75-2	3702	3525	3502	3576	3.07	cps
Barium	135-1	241446	237926	242147	240506	0.94	cps
Barium	137-1	417342	416559	416643	416848	0.10	cps
Beryllium	9-1	36653	37037	36229	36640	1.10	cps
Bismuth	209-1	4427741	4473504	4478908	4460051	0.63	cps
Bismuth	209-2	1644173	1638688	1654408	1645756	0.48	cps
Boron	10-1	4851	5501	5585	5312	7.56	cps
Boron	11-1	23236	23295	24113	23548	2.08	cps
Cadmium	111-1	53893	53003	53766	53554	0.90	cps
Cadmium	106-1	6985	7019	6794	6933	1.75	cps
Cadmium	108-1	4013	3651	3984	3883	5.19	cps
Calcium	43-1	173070	167859	171148	170692	1.54	cps
Calcium	44-1	2884610	2830842	2814788	2843413	1.29	cps
Chromium	52-2	30660	31021	30306	30663	1.17	cps
Cobalt	59-2	62242	62560	62232	62344	0.30	cps
Copper	63-2	103502	104939	104671	104371	0.73	cps
Dysprosium	156-1	83	92	25	67	54.49	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	292	167	225	228	27.46	cps
Erbium	164-2	67	47	87	67	30.00	cps
Gadolinium	160-1	92	92	175	119	40.28	cps
Gadolinium	160-2	17	17	30	21	36.45	cps
Holmium	165-1	7447475	7493631	7442332	7461146	0.38	cps
Holmium	165-2	2166370	2172318	2150558	2163082	0.52	cps
Indium	115-1	6684323	6734329	6731977	6716876	0.42	cps
Indium	115-2	375874	376714	374154	375581	0.35	cps
Iron	56-2	1063275	1059509	1064344	1062376	0.24	cps
Iron	57-2	26938	26609	26743	26763	0.62	cps
Lead	206-1	127967	128433	130194	128865	0.91	cps
Lead	207-1	114473	118156	116476	116368	1.58	cps
Lead	208-1	517714	524414	526195	522774	0.86	cps
Lithium	6-1	1126013	1121492	1132750	1126752	0.50	cps
Magnesium	24-2	115314	117255	117969	116846	1.18	cps
Manganese	55-2	29191	29829	29551	29524	1.08	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08ADLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:57:23	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	188718	191162	193197	191026	1.17	cps
Molybdenum	95-1	101654	99555	98976	100062	1.41	cps
Molybdenum	96-1	129505	128497	129640	129214	0.48	cps
Molybdenum	97-1	62553	62201	64295	63017	1.78	cps
Molybdenum	98-1	164674	161225	162244	162714	1.09	cps
Neodymium	150-1	53	33	53	47	24.75	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	18479	18676	18736	18630	0.72	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	33975	33549	34009	33844	0.76	cps
Rhodium	103-1	6367235	6359529	6445720	6390828	0.75	cps
Rhodium	103-2	2026127	2030444	2007521	2021364	0.60	cps
Scandium	45-1	4170646	4169288	4252080	4197338	1.13	cps
Scandium	45-2	40519	40154	41123	40599	1.21	cps
Selenium	77-2	17	20	17	18	10.81	cps
Selenium	78-2	100	91	100	97	5.52	cps
Selenium	82-1	3344	3415	3320	3360	1.47	cps
Silicon	28-1	1390015	1366050	1385030	1380365	0.92	cps
Silver	109-1	243358	241499	241907	242255	0.40	cps
Silver	107-1	257687	256116	256327	256710	0.33	cps
Sodium	23-2	264098	262751	270127	265659	1.48	cps
Strontium	86-1	66052	67434	67091	66859	1.08	cps
Strontium	88-1	560908	560252	559828	560329	0.10	cps
Sulfur	34-1	363545	361613	360439	361865	0.43	cps
Terbium	159-1	7942972	7889042	7953384	7928466	0.44	cps
Terbium	159-2	2115609	2078568	2075439	2089872	1.07	cps
Thallium	203-1	164629	163312	162554	163499	0.64	cps
Thallium	205-1	392233	390692	387630	390185	0.60	cps
Tin	118-1	159989	161598	162644	161410	0.83	cps
Titanium	47-1	28137	26994	28271	27801	2.53	cps
Uranium	238-1	475948	472926	478407	475760	0.58	cps
Vanadium	51-2	20759	21593	21430	21261	2.08	cps
Yttrium	89-1	7074863	7013930	7140051	7076281	0.89	cps
Yttrium	89-2	273927	271882	274455	273421	0.50	cps
Zinc	66-2	9217	9453	9627	9432	2.18	cps
Zirconium	90-1	368253	368831	366290	367791	0.36	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4506-08ADLX20	Instrumnet Name :	P8
Client Sample ID :	SP17-JP21140ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 17:57:23	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	80429	81017	82291	81245	1.17	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4535-01DLX20	Instrumnet Name :	P8
Client Sample ID :	TRC-MW-101IDL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 18:00:31	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	383	458	467	436	10.52	cps
Antimony	121-1	975	1058	975	1003	4.80	cps
Arsenic	75-2	22	19	35	25	34.59	cps
Barium	135-1	14625	15401	14600	14876	3.06	cps
Barium	137-1	24858	25492	25167	25172	1.26	cps
Beryllium	9-1	167	172	183	174	4.88	cps
Bismuth	209-1	4445566	4414485	4343798	4401283	1.18	cps
Bismuth	209-2	1638465	1639617	1618182	1632088	0.74	cps
Boron	10-1	4384	4651	4718	4584	3.85	cps
Boron	11-1	21024	21867	21609	21500	2.01	cps
Cadmium	111-1	996	840	895	910	8.67	cps
Cadmium	106-1	1375	1158	1267	1267	8.55	cps
Cadmium	108-1	13	0	13	8	86.60	cps
Calcium	43-1	98830	100206	100794	99943	1.01	cps
Calcium	44-1	1683411	1694692	1686670	1688258	0.34	cps
Chromium	52-2	2114	2434	2334	2294	7.14	cps
Cobalt	59-2	213	177	187	192	9.86	cps
Copper	63-2	2484	2404	2394	2427	2.03	cps
Dysprosium	156-1	100	175	83	119	40.88	cps
Dysprosium	156-2	50	33	40	41	20.41	cps
Erbium	164-1	125	167	108	133	22.54	cps
Erbium	164-2	23	47	67	46	47.61	cps
Gadolinium	160-1	225	208	208	214	4.50	cps
Gadolinium	160-2	57	57	43	52	14.75	cps
Holmium	165-1	7405114	7417026	7276691	7366277	1.06	cps
Holmium	165-2	2164248	2121863	2120497	2135536	1.16	cps
Indium	115-1	6580309	6599694	6547964	6575989	0.40	cps
Indium	115-2	375975	371028	365430	370811	1.42	cps
Iron	56-2	82623	82583	81069	82092	1.08	cps
Iron	57-2	2139	2150	2278	2189	3.53	cps
Lead	206-1	4184	4440	4356	4327	3.01	cps
Lead	207-1	3528	3762	3756	3682	3.62	cps
Lead	208-1	16355	16777	17166	16766	2.42	cps
Lithium	6-1	1133275	1116689	1118900	1122955	0.80	cps
Magnesium	24-2	101007	96979	97231	98406	2.29	cps
Manganese	55-2	1974	1877	1853	1901	3.35	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4535-01DLX20	Instrumnet Name :	P8
Client Sample ID :	TRC-MW-101IDL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 18:00:31	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	567	517	558	547	4.90	cps
Molybdenum	95-1	250	283	317	283	11.77	cps
Molybdenum	96-1	517	375	500	464	16.69	cps
Molybdenum	97-1	325	300	300	308	4.68	cps
Molybdenum	98-1	425	500	475	467	8.18	cps
Neodymium	150-1	207	200	133	180	22.53	cps
Neodymium	150-2	50	27	23	33	43.59	cps
Nickel	60-2	510	500	473	494	3.83	cps
Phosphorus	31-2	0	33	17	17	99.99	cps
Potassium	39-2	18354	18454	18730	18513	1.05	cps
Rhodium	103-1	6231532	6365847	6244366	6280582	1.18	cps
Rhodium	103-2	2007473	2011148	1989852	2002824	0.57	cps
Scandium	45-1	4195328	4229046	4133503	4185959	1.16	cps
Scandium	45-2	39930	39883	39633	39815	0.40	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	6	4	50.09	cps
Selenium	82-1	-63	28	-73	-36	-155.03	cps
Silicon	28-1	2760458	2672023	2650668	2694383	2.16	cps
Silver	109-1	1142	1375	1500	1339	13.58	cps
Silver	107-1	1383	1500	1433	1439	4.07	cps
Sodium	23-2	289855	288664	285783	288101	0.73	cps
Strontium	86-1	68740	68850	68774	68788	0.08	cps
Strontium	88-1	586447	588792	586314	587184	0.24	cps
Sulfur	34-1	397626	399027	396129	397594	0.36	cps
Terbium	159-1	7799932	7986632	7698047	7828204	1.87	cps
Terbium	159-2	2080929	2066962	2043306	2063732	0.92	cps
Thallium	203-1	258	317	192	256	24.47	cps
Thallium	205-1	483	550	533	522	6.64	cps
Tin	118-1	1375	1542	1542	1486	6.48	cps
Titanium	47-1	2642	3118	3142	2967	9.50	cps
Uranium	238-1	2200	2425	1992	2206	9.83	cps
Vanadium	51-2	223	233	217	224	3.74	cps
Yttrium	89-1	7088755	7077025	6962341	7042707	0.99	cps
Yttrium	89-2	273482	269390	268278	270383	1.01	cps
Zinc	66-2	1023	873	870	922	9.50	cps
Zirconium	90-1	1150	1042	1192	1128	6.87	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4535-01DLX20	Instrumnet Name :	P8
Client Sample ID :	TRC-MW-101IDL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 18:00:31	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	308	250	158	239	31.65	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4535-02DLX20	Instrumnet Name :	P8
Client Sample ID :	TRC-MW-101DDL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 18:03:38	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	442	558	658	553	19.62	cps
Antimony	121-1	933	958	917	936	2.24	cps
Arsenic	75-2	37	48	41	42	13.48	cps
Barium	135-1	12331	13024	12198	12518	3.54	cps
Barium	137-1	21560	23347	22011	22306	4.17	cps
Beryllium	9-1	233	122	183	180	30.98	cps
Bismuth	209-1	4480568	4443141	4447768	4457159	0.46	cps
Bismuth	209-2	1615263	1603969	1619018	1612750	0.49	cps
Boron	10-1	3817	3709	3876	3801	2.23	cps
Boron	11-1	17970	17837	17495	17767	1.38	cps
Cadmium	111-1	1016	913	852	927	8.94	cps
Cadmium	106-1	1400	1258	1158	1272	9.55	cps
Cadmium	108-1	8	8	13	10	24.77	cps
Calcium	43-1	78034	77330	78838	78067	0.97	cps
Calcium	44-1	1304820	1321172	1306342	1310778	0.69	cps
Chromium	52-2	1163	1243	1347	1251	7.35	cps
Cobalt	59-2	247	267	290	268	8.10	cps
Copper	63-2	2327	2347	2374	2349	1.00	cps
Dysprosium	156-1	133	142	192	156	20.28	cps
Dysprosium	156-2	20	27	23	23	14.29	cps
Erbium	164-1	125	83	133	114	23.52	cps
Erbium	164-2	43	27	67	46	44.10	cps
Gadolinium	160-1	150	100	192	147	31.18	cps
Gadolinium	160-2	53	30	27	37	39.62	cps
Holmium	165-1	7447055	7319694	7359832	7375527	0.88	cps
Holmium	165-2	2150855	2125684	2120131	2132223	0.77	cps
Indium	115-1	6684278	6640672	6667309	6664086	0.33	cps
Indium	115-2	368381	365088	367521	366997	0.47	cps
Iron	56-2	80936	81278	82102	81439	0.74	cps
Iron	57-2	1950	1961	1767	1893	5.77	cps
Lead	206-1	5129	5440	5324	5298	2.97	cps
Lead	207-1	4356	4629	4456	4481	3.07	cps
Lead	208-1	20357	20501	20379	20412	0.38	cps
Lithium	6-1	1130393	1128796	1129731	1129640	0.07	cps
Magnesium	24-2	120298	119088	119826	119737	0.51	cps
Manganese	55-2	6048	5955	5901	5968	1.24	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4535-02DLX20	Instrumnet Name :	P8
Client Sample ID :	TRC-MW-101DDL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 18:03:38	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	542	392	608	514	21.60	cps
Molybdenum	95-1	125	125	108	119	8.06	cps
Molybdenum	96-1	267	333	325	308	11.78	cps
Molybdenum	97-1	117	175	133	142	21.21	cps
Molybdenum	98-1	158	267	242	222	25.53	cps
Neodymium	150-1	213	160	133	169	24.12	cps
Neodymium	150-2	20	13	40	24	56.78	cps
Nickel	60-2	300	283	283	289	3.33	cps
Phosphorus	31-2	8	42	25	25	66.68	cps
Potassium	39-2	29240	29173	29398	29270	0.40	cps
Rhodium	103-1	6312958	6306950	6353500	6324469	0.40	cps
Rhodium	103-2	2001086	1969069	1963423	1977859	1.03	cps
Scandium	45-1	4244581	4224733	4218251	4229188	0.32	cps
Scandium	45-2	40254	39482	40539	40092	1.36	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	-131	-64	-36	-77	-63.42	cps
Silicon	28-1	2292835	2284385	2339775	2305665	1.29	cps
Silver	109-1	1033	1133	1175	1114	6.54	cps
Silver	107-1	1083	1250	1125	1153	7.52	cps
Sodium	23-2	1796586	1778089	1787084	1787253	0.52	cps
Strontium	86-1	109059	108059	108211	108443	0.50	cps
Strontium	88-1	916718	937015	923118	925617	1.12	cps
Sulfur	34-1	429526	431787	426903	429405	0.57	cps
Terbium	159-1	7879497	7747177	7761105	7795926	0.93	cps
Terbium	159-2	2079154	2038698	2083985	2067279	1.20	cps
Thallium	203-1	225	200	142	189	22.64	cps
Thallium	205-1	483	425	475	461	6.84	cps
Tin	118-1	1325	1258	1350	1311	3.61	cps
Titanium	47-1	3184	3987	3025	3399	15.16	cps
Uranium	238-1	867	808	708	795	10.08	cps
Vanadium	51-2	143	193	200	179	17.31	cps
Yttrium	89-1	7121061	7072769	7044191	7079340	0.55	cps
Yttrium	89-2	271530	265560	269980	269023	1.15	cps
Zinc	66-2	1593	1580	1607	1593	0.84	cps
Zirconium	90-1	1175	1083	1458	1239	15.78	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	I4535-02DLX20	Instrumnet Name :	P8
Client Sample ID :	TRC-MW-101DDL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-04 18:03:38	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	333	250	911	498	72.24	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 18:06:45	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	374196	371742	375118	373685	0.47	cps
Antimony	121-1	4739439	4726963	4803032	4756478	0.86	cps
Arsenic	75-2	66569	65513	66948	66343	1.12	cps
Barium	135-1	4876186	4885579	4882186	4881317	0.10	cps
Barium	137-1	8385889	8360093	8344953	8363645	0.25	cps
Beryllium	9-1	706082	706828	712108	708339	0.46	cps
Bismuth	209-1	4507411	4559602	4612158	4559724	1.15	cps
Bismuth	209-2	1621059	1609850	1690153	1640354	2.65	cps
Boron	10-1	80560	81716	84147	82141	2.23	cps
Boron	11-1	374160	379382	388654	380732	1.93	cps
Cadmium	111-1	999286	1004867	1008500	1004218	0.46	cps
Cadmium	106-1	103831	105519	104898	104749	0.82	cps
Cadmium	108-1	69968	71635	70391	70665	1.23	cps
Calcium	43-1	5363674	5365550	5414144	5381123	0.53	cps
Calcium	44-1	87125354	87607469	87775408	87502744	0.39	cps
Chromium	52-2	556502	557976	559172	557883	0.24	cps
Cobalt	59-2	1143323	1144359	1140538	1142740	0.17	cps
Copper	63-2	1970825	1939447	1966747	1959006	0.87	cps
Dysprosium	156-1	83	92	125	100	22.05	cps
Dysprosium	156-2	30	20	27	26	19.92	cps
Erbium	164-1	75	75	33	61	39.37	cps
Erbium	164-2	17	10	7	11	45.82	cps
Gadolinium	160-1	183	67	142	131	45.28	cps
Gadolinium	160-2	37	23	27	29	24.03	cps
Holmium	165-1	7842941	7911128	7863081	7872383	0.45	cps
Holmium	165-2	2197578	2189921	2182414	2189971	0.35	cps
Indium	115-1	6594753	6630006	6582018	6602259	0.38	cps
Indium	115-2	361033	356103	363447	360194	1.04	cps
Iron	56-2	89455191	88526480	89503433	89161701	0.62	cps
Iron	57-2	2269548	2238818	2261326	2256564	0.71	cps
Lead	206-1	2640599	2619666	2673027	2644430	1.02	cps
Lead	207-1	2420712	2425448	2450289	2432149	0.65	cps
Lead	208-1	10738073	10811496	10876028	10808532	0.64	cps
Lithium	6-1	1145792	1138245	1162674	1148904	1.09	cps
Magnesium	24-2	9384268	9381058	9477969	9414432	0.58	cps
Manganese	55-2	308516	306853	306973	307447	0.30	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 18:06:45	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3904230	3901311	3960727	3922089	0.85	cps
Molybdenum	95-1	2113065	2148493	2161399	2140986	1.17	cps
Molybdenum	96-1	2694949	2740831	2697236	2711006	0.95	cps
Molybdenum	97-1	1279920	1299753	1294163	1291279	0.79	cps
Molybdenum	98-1	3374245	3375853	3397369	3382489	0.38	cps
Neodymium	150-1	187	180	173	180	3.71	cps
Neodymium	150-2	13	13	13	13	0.00	cps
Nickel	60-2	333804	332421	332452	332892	0.24	cps
Phosphorus	31-2	5801	6068	6052	5974	2.50	cps
Potassium	39-2	2905205	2875348	2897269	2892608	0.53	cps
Rhodium	103-1	6133398	6187178	6181771	6167449	0.48	cps
Rhodium	103-2	1933532	1912164	1902360	1916019	0.83	cps
Scandium	45-1	4212828	4225297	4238620	4225582	0.31	cps
Scandium	45-2	40522	40649	41324	40832	1.06	cps
Selenium	77-2	420	457	420	432	4.90	cps
Selenium	78-2	1665	1602	1595	1620	2.39	cps
Selenium	82-1	63388	64307	64648	64114	1.02	cps
Silicon	28-1	2254998	2287276	2257696	2266657	0.79	cps
Silver	109-1	4770457	4739115	4720230	4743267	0.53	cps
Silver	107-1	4997322	5055153	5033309	5028595	0.58	cps
Sodium	23-2	22957555	22977184	23177614	23037451	0.53	cps
Strontium	86-1	1333559	1357643	1352834	1348012	0.95	cps
Strontium	88-1	11560728	11665859	11823052	11683213	1.13	cps
Sulfur	34-1	709692	707444	709995	709044	0.20	cps
Terbium	159-1	8263309	8416388	8342721	8340806	0.92	cps
Terbium	159-2	2127864	2119810	2128878	2125518	0.23	cps
Thallium	203-1	3280535	3327258	3281099	3296297	0.81	cps
Thallium	205-1	7593136	7709255	7633324	7645238	0.77	cps
Tin	118-1	3272203	3326552	3349556	3316104	1.20	cps
Titanium	47-1	570708	570160	578547	573138	0.82	cps
Uranium	238-1	10081599	9965843	10180611	10076018	1.07	cps
Vanadium	51-2	413232	411805	412850	412629	0.18	cps
Yttrium	89-1	7145569	7174313	7268706	7196196	0.90	cps
Yttrium	89-2	269626	271081	271361	270689	0.34	cps
Zinc	66-2	172102	173300	175732	173711	1.06	cps
Zirconium	90-1	7364345	7279177	7325876	7323133	0.58	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 18:06:45	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1657676	1648925	1648290	1651630	0.32	cps

LB Number : LB89292 Operator : Jaswal
 Lab Sample ID : CCB70 Instrumnet Name : P8
 Client Sample ID : CCB70 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-04 18:09:43 DataFile Name : 058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	0	25	14	91.65	cps
Antimony	121-1	1759	1892	2009	1886	6.63	cps
Arsenic	75-2	7	7	4	6	34.70	cps
Barium	135-1	42	50	0	31	87.67	cps
Barium	137-1	92	83	42	72	37.09	cps
Beryllium	9-1	233	217	194	215	9.08	cps
Bismuth	209-1	4647972	4670895	4723769	4680879	0.83	cps
Bismuth	209-2	1694109	1672258	1666800	1677722	0.86	cps
Boron	10-1	2667	2442	2492	2534	4.66	cps
Boron	11-1	11972	10896	11096	11322	5.05	cps
Cadmium	111-1	1004	914	1149	1022	11.58	cps
Cadmium	106-1	1392	1242	1600	1411	12.75	cps
Cadmium	108-1	17	25	13	18	35.25	cps
Calcium	43-1	2217	2200	2542	2320	8.31	cps
Calcium	44-1	45751	46629	46821	46400	1.23	cps
Chromium	52-2	957	1067	870	964	10.22	cps
Cobalt	59-2	37	27	30	31	16.37	cps
Copper	63-2	550	507	503	520	5.01	cps
Dysprosium	156-1	25	0	0	8	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	42	58	42	40.00	cps
Erbium	164-2	0	0	10	3	173.21	cps
Gadolinium	160-1	92	33	67	64	45.81	cps
Gadolinium	160-2	0	10	7	6	91.64	cps
Holmium	165-1	7580455	7703104	7860007	7714522	1.82	cps
Holmium	165-2	2174367	2145499	2154762	2158209	0.68	cps
Indium	115-1	6814931	6766380	6900441	6827251	0.99	cps
Indium	115-2	377915	374956	374398	375756	0.50	cps
Iron	56-2	3117	3245	2906	3089	5.54	cps
Iron	57-2	78	67	106	83	24.04	cps
Lead	206-1	606	622	806	678	16.37	cps
Lead	207-1	606	533	500	546	9.88	cps
Lead	208-1	2422	2372	2661	2485	6.21	cps
Lithium	6-1	1162938	1187257	1209442	1186545	1.96	cps
Magnesium	24-2	175	200	167	181	9.61	cps
Manganese	55-2	43	73	60	59	25.53	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 18:09:43	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	550	700	600	617	12.39	cps
Molybdenum	95-1	217	267	217	233	12.37	cps
Molybdenum	96-1	283	417	300	333	21.79	cps
Molybdenum	97-1	167	175	158	167	5.00	cps
Molybdenum	98-1	358	300	275	311	13.75	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	147	103	170	140	24.16	cps
Phosphorus	31-2	0	17	17	11	86.60	cps
Potassium	39-2	3709	3767	3734	3737	0.78	cps
Rhodium	103-1	6421005	6439494	6504979	6455159	0.68	cps
Rhodium	103-2	2067151	2035691	2026043	2042962	1.05	cps
Scandium	45-1	4164462	4216269	4253319	4211350	1.06	cps
Scandium	45-2	39753	40097	39823	39891	0.46	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	9	0	5	94.35	cps
Selenium	82-1	-26	100	30	35	180.60	cps
Silicon	28-1	360648	369769	373903	368107	1.84	cps
Silver	109-1	808	758	542	703	20.17	cps
Silver	107-1	800	758	675	745	8.55	cps
Sodium	23-2	9570	9562	9645	9593	0.48	cps
Strontium	86-1	1292	1467	1400	1386	6.37	cps
Strontium	88-1	192	242	183	206	15.35	cps
Sulfur	34-1	360838	357230	359283	359117	0.50	cps
Terbium	159-1	8143687	8104991	8200823	8149834	0.59	cps
Terbium	159-2	2100259	2122027	2051324	2091203	1.73	cps
Thallium	203-1	483	400	492	458	11.06	cps
Thallium	205-1	1117	1067	1050	1078	3.22	cps
Tin	118-1	1550	1517	1342	1470	7.62	cps
Titanium	47-1	133	142	133	136	3.54	cps
Uranium	238-1	125	100	67	97	30.10	cps
Vanadium	51-2	10	13	7	10	33.30	cps
Yttrium	89-1	7172434	7249236	7179166	7200279	0.59	cps
Yttrium	89-2	274863	273611	271163	273213	0.69	cps
Zinc	66-2	93	53	47	64	39.17	cps
Zirconium	90-1	1300	1317	1183	1267	5.74	cps

LB Number :	LB89292	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2017-08-04 18:09:43	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	283	350	192	275	28.91	cps