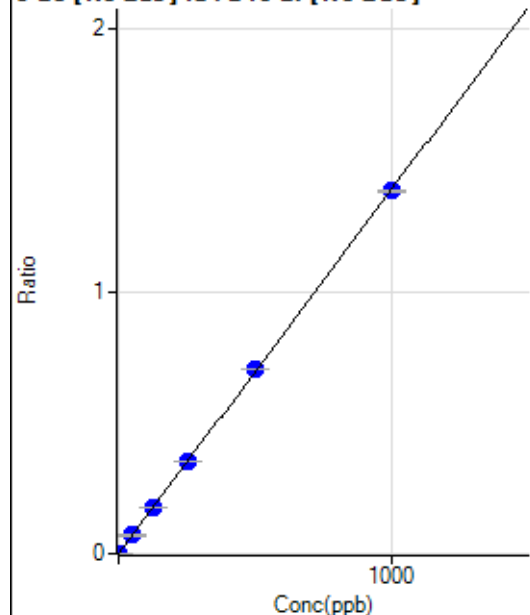


Batch Folder: D:\ICP-MS Data\P7100917 -MS.b\
Analysis File: P7100917 -MS.batch.bin
DA Date-Time: 2017-10-10 09:49:11
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-10-09 15:58:40
2			
3	005CALS.d	S02	2017-10-09 16:06:05
4	006CALS.d	S03	2017-10-09 16:09:56
5	007CALS.d	S04	2017-10-09 16:13:47
6	008CALS.d	S05	2017-10-09 16:17:39
7	009CALS.d	S06	2017-10-09 16:21:28
8	010CALS.d	S07	2017-10-09 16:25:16
9	011CALS.d	S08	2017-10-09 16:28:59

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	49.6
2	☐	0.100					
3	☐	1.000	0.854	375.94	0.0012	P	16.8
4	☐	50.000	50.463	21398.92	0.0702	P	1.6
5	☐	125.000	125.791	53078.99	0.1748	P	1.0
6	☐	250.000	252.022	104713.93	0.3502	P	0.2
7	☐	500.000	506.169	209101.23	0.7034	P	0.1
8	☐	1000.000	996.288	403963.93	1.3844	P	0.4
9	☐			61.11	0.0002	P	15.4

$$y = 0.0014 * x + 3.6299E-005$$

$$R = 1.0000$$

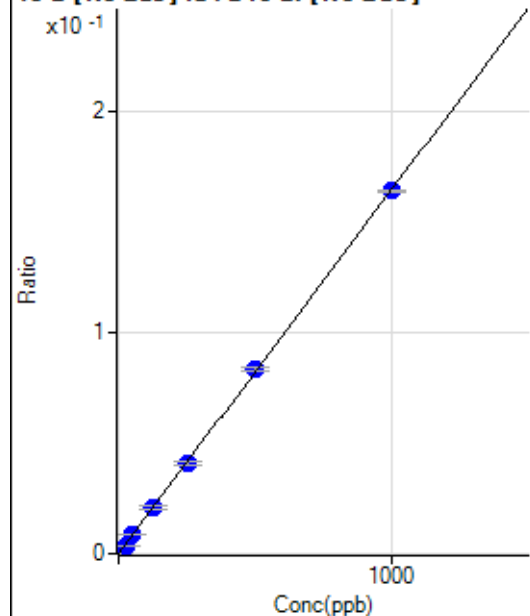
$$DL = 0.03888$$

$$BEC = 0.02612$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	34.5
2	☐	2.500					
3	☐	25.000	20.921	1075.08	0.0035	P	7.1
4	☐	50.000	53.325	2694.82	0.0088	P	4.3
5	☐	125.000	126.174	6326.56	0.0208	P	8.6
6	☐	250.000	245.754	12124.80	0.0406	P	4.3
7	☐	500.000	507.271	24871.42	0.0837	P	2.2
8	☐	1000.000	997.215	47974.50	0.1644	P	0.6
9	☐			805.62	0.0029	P	17.0

$$y = 1.6482E-004 * x + 4.5408E-005$$

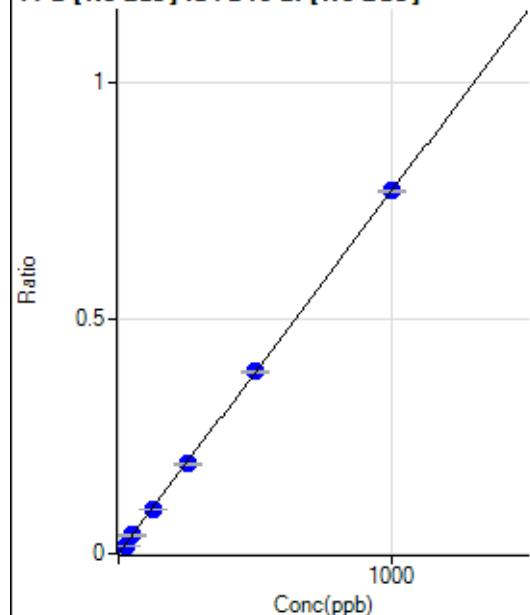
$$R = 0.9999$$

$$DL = 0.2854$$

$$BEC = 0.2755$$

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	119.45	0.0004	P	21.7
2	☐	2.500					
3	☐	25.000	20.693	5023.26	0.0163	P	7.7
4	☐	50.000	50.343	11946.81	0.0392	P	1.8
5	☐	125.000	121.729	28586.25	0.0942	P	1.3
6	☐	250.000	247.686	57153.59	0.1912	P	1.3
7	☐	500.000	501.003	114831.41	0.3863	P	0.9
8	☐	1000.000	1000.576	224995.72	0.7711	P	0.7
9	☐			3695.06	0.0134	P	8.8

$$y = 7.7024\text{E-}004 * x + 3.9090\text{E-}004$$

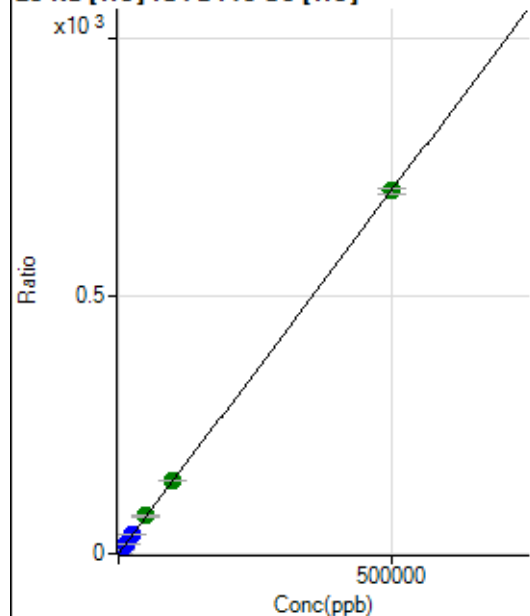
$$R = 1.0000$$

$$DL = 0.3301$$

$$BEC = 0.5075$$

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	7382.69	0.1341	P	4.8
2	☐	50.000					
3	☐	500.000	481.587	44951.74	0.8138	P	1.3
4	☐	5000.000	5396.932	432608.22	7.7518	P	0.8
5	☐	12500.000	13326.260	1084341.11	18.9440	P	1.0
6	☐	25000.000	26249.990	2183029.89	37.1858	P	0.5
7	☐	50000.000	51691.023	4426737.17	73.0956	A	1.2
8	☐	100000.00	100796.69	8683306.10	142.4079	A	0.2
9	☐	500000.00	499584.45	44311478.42	705.2940	A	1.4

$$y = 0.0014 * x + 0.1341$$

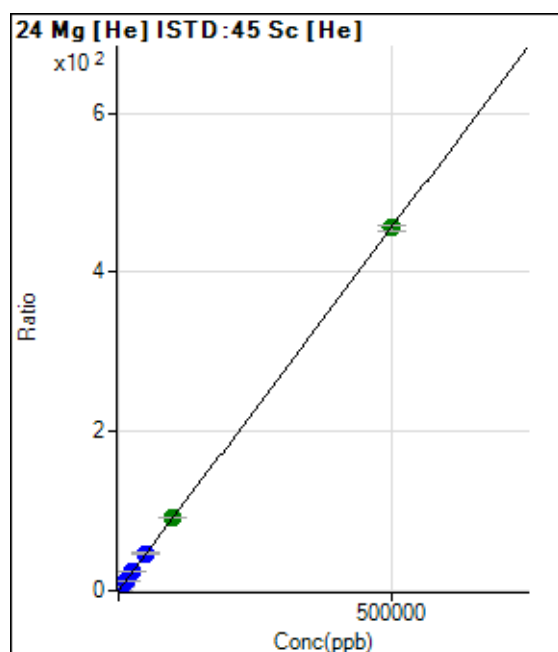
$$R = 1.0000$$

$$DL = 13.7$$

$$BEC = 94.99$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0009	P	33.0
2	☐	50.000					
3	☐	500.000	484.888	24473.56	0.4431	P	2.7
4	☐	5000.000	5377.645	273781.89	4.9055	P	0.4
5	☐	12500.000	13228.181	690632.98	12.0655	P	0.3
6	☐	25000.000	26050.684	1394883.72	23.7601	P	0.3
7	☐	50000.000	51394.905	2838850.82	46.8751	P	1.0
8	☐	100000.00	100075.22	5565399.78	91.2734	A	0.1
9	☐	500000.00	499770.96	28637252.38	455.8116	A	1.4

$$y = 9.1204\text{E-}004 * x + 9.0749\text{E-}004$$

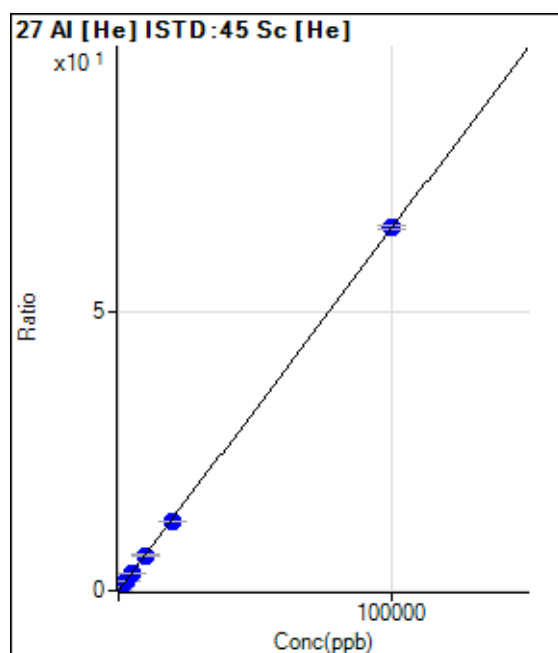
$$R = 1.0000$$

$$DL = 0.9859$$

$$BEC = 0.995$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0005	P	75.3
2	☐	2.000					
3	☐	20.000	19.251	716.72	0.0130	P	10.6
4	☐	1000.000	998.087	36086.13	0.6465	P	1.8
5	☐	2500.000	2504.967	92829.10	1.6219	P	1.7
6	☐	5000.000	4909.935	186597.46	3.1785	P	1.0
7	☐	10000.000	9787.055	383703.88	6.3353	P	1.1
8	☐	20000.000	19270.641	760575.88	12.4737	P	0.9
9	☐	100000.00	100171.56	4073659.86	64.8380	P	1.0

$$y = 6.4726\text{E-}004 * x + 5.0347\text{E-}004$$

$$R = 1.0000$$

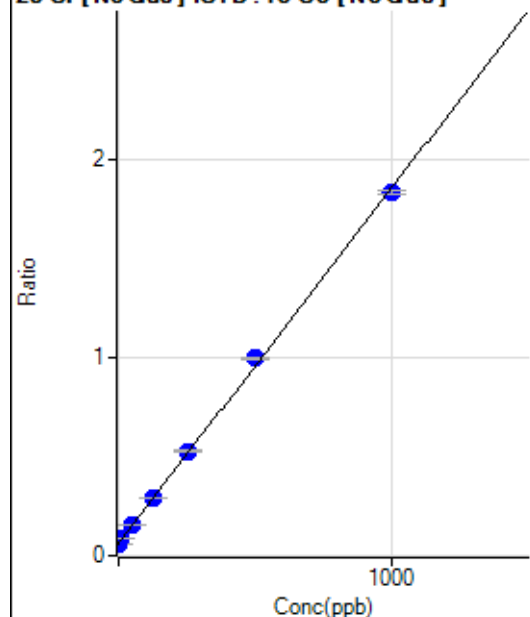
$$DL = 1.757$$

$$BEC = 0.7778$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	39102.25	0.0618	P	2.3
2	☐	1.000					
3	☐	10.000	12.444	52866.81	0.0841	P	0.5
4	☐	50.000	50.287	97290.83	0.1519	P	0.2
5	☐	125.000	127.780	190305.54	0.2908	P	0.2
6	☐	250.000	259.647	346738.16	0.5270	P	1.0
7	☐	500.000	520.804	669888.26	0.9949	P	1.3
8	☐	1000.000	986.800	1217813.89	1.8298	P	1.1
9	☐			77604.61	0.1189	P	0.7

$$y = 0.0018 * x + 0.0618$$

$$R = 0.9996$$

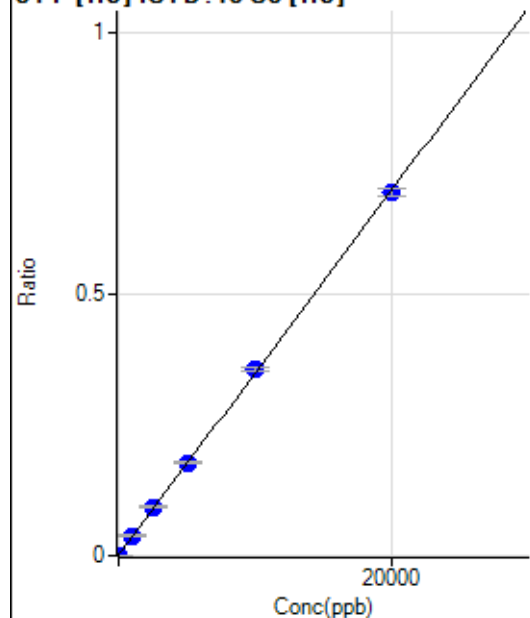
$$DL = 2.367$$

$$BEC = 34.5$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	5.042	44.44	0.0008	P	75.6
2	☐	0.000					
3	☐	0.000	-5.042	25.00	0.0005	P	67.7
4	☐	1000.000	1057.780	2094.69	0.0376	P	11.5
5	☐	2500.000	2655.998	5345.62	0.0934	P	1.9
6	☐	5000.000	5065.839	10423.48	0.1775	P	2.7
7	☐	10000.000	10197.686	21608.07	0.3567	P	1.5
8	☐	20000.000	19862.308	42330.37	0.6942	P	1.9
9	☐			36.11	0.0006	P	35.2

$$y = 3.4921E-005 * x + 6.3125E-004$$

$$R = 0.9999$$

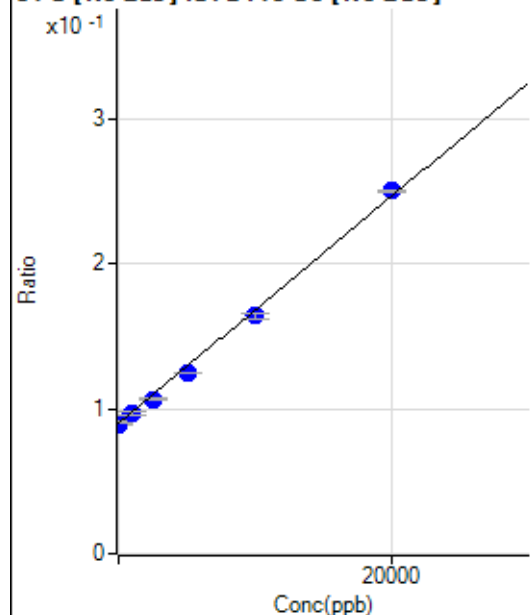
$$DL = 39.46$$

$$BEC = 18.08$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-74.904	56603.19	0.0895	P	1.6
2	☐	0.000					
3	☐	0.000	74.904	56979.49	0.0907	P	1.9
4	☐	1000.000	853.442	61957.51	0.0968	P	2.8
5	☐	2500.000	2125.391	69842.21	0.1067	P	1.2
6	☐	5000.000	4460.853	82243.95	0.1250	P	0.5
7	☐	10000.000	9456.610	110497.91	0.1641	P	2.4
8	☐	20000.000	20460.636	166594.44	0.2503	P	0.2
9	☐			58638.71	0.0899	P	0.4

$$y = 7.8315E-006 * x + 0.0901$$

$$R = 0.9990$$

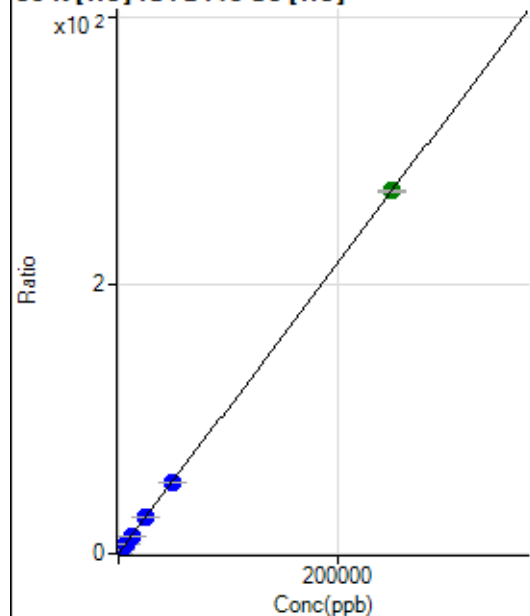
$$DL = 599.2$$

$$BEC = 1.15E+04$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10718.21	0.1947	P	1.7
2	☐	50.000					
3	☐	500.000	452.132	37707.21	0.6828	P	1.5
4	☐	2500.000	2525.277	162988.78	2.9207	P	1.3
5	☐	6250.000	6305.421	400732.15	7.0014	P	1.3
6	☐	12500.000	12395.201	796967.48	13.5753	P	0.5
7	☐	25000.000	24751.815	1630012.76	26.9142	P	0.9
8	☐	50000.000	48377.804	3196209.45	52.4184	P	0.3
9	☐	250000.00	250352.95	16992074.34	270.4503	A	0.8

$$y = 0.0011 * x + 0.1947$$

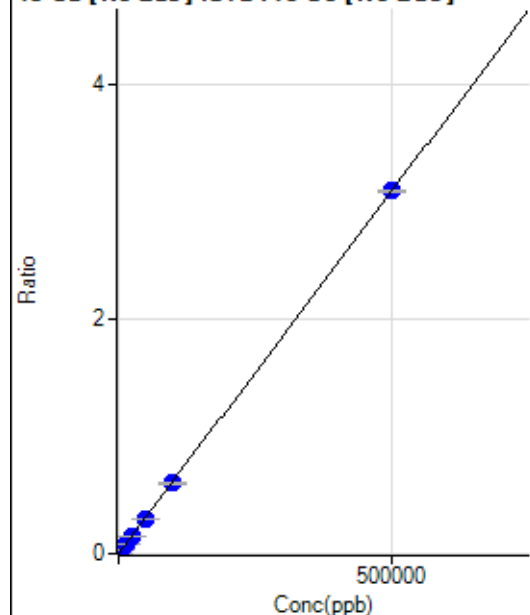
$$R = 1.0000$$

$$DL = 8.977$$

$$BEC = 180.3$$

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	44.45	0.0001	P	65.6
2	☐	50.000					
3	☐	500.000	450.438	1794.63	0.0029	P	2.8
4	☐	5000.000	5002.971	19855.92	0.0310	P	0.8
5	☐	12500.000	12257.315	49642.96	0.0759	P	2.8
6	☐	25000.000	24369.560	99178.47	0.1507	P	0.8
7	☐	50000.000	48423.087	201652.10	0.2995	P	1.0
8	☐	100000.00	96967.749	399065.18	0.5996	P	0.8
9	☐	500000.00	500801.75	2020452.65	3.0964	P	0.7

$$y = 6.1828\text{E-}006 * x + 7.0219\text{E-}005$$

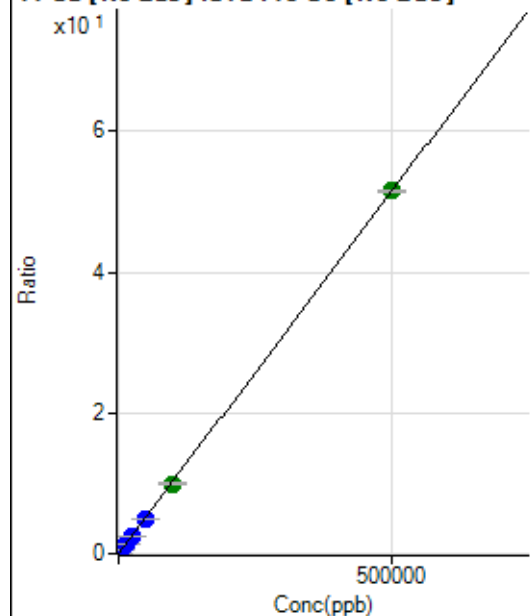
$$R = 1.0000$$

$$DL = 22.35$$

$$BEC = 11.36$$

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	2600.35	0.0041	P	7.5
2	☐	50.000					
3	☐	500.000	435.375	30727.42	0.0489	P	1.6
4	☐	5000.000	4926.187	327094.22	0.5107	P	0.6
5	☐	12500.000	12150.065	820510.13	1.2536	P	1.0
6	☐	25000.000	24398.080	1653560.11	2.5133	P	0.7
7	☐	50000.000	48481.575	3360132.93	4.9900	P	0.7
8	☐	100000.00	96574.600	6612875.10	9.9360	A	1.0
9	☐	500000.00	500876.57	33614814.29	51.5151	A	0.8

$$y = 1.0284\text{E-}004 * x + 0.0041$$

$$R = 1.0000$$

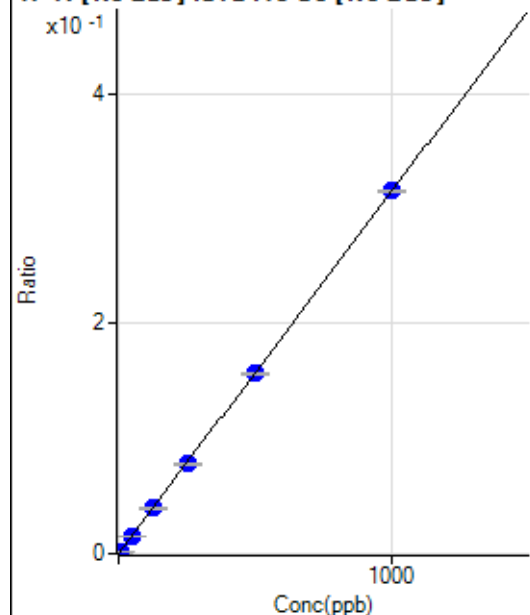
$$DL = 8.96$$

$$BEC = 39.96$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	0.4
2	☐	0.500					
3	☐	5.000	4.395	877.85	0.0014	P	15.7
4	☐	50.000	49.794	10042.76	0.0157	P	1.7
5	☐	125.000	125.264	25804.07	0.0394	P	3.2
6	☐	250.000	248.951	51549.71	0.0784	P	2.0
7	☐	500.000	496.836	105282.15	0.1564	P	0.7
8	☐	1000.000	1001.824	209828.61	0.3153	P	0.3
9	☐			213.90	0.0003	P	15.1

$$y = 3.1467\text{E-}004 * x + 1.3168\text{E-}005$$

$$R = 1.0000$$

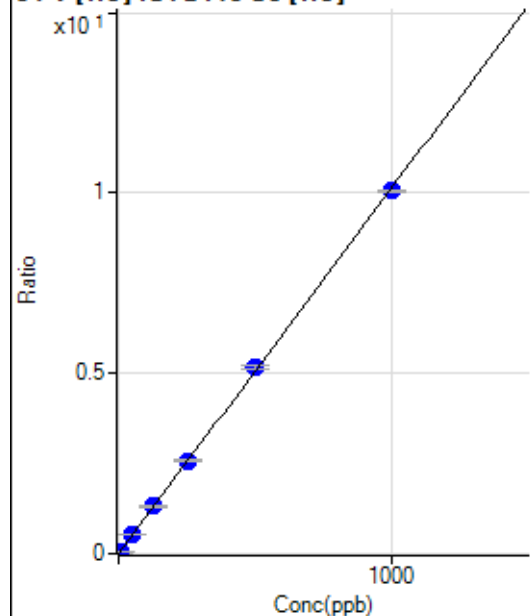
$$DL = 0.0005102$$

$$BEC = 0.04185$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.78	0.0001	P	65.9
2	☐	0.500					
3	☐	5.000	4.624	2592.50	0.0470	P	5.1
4	☐	50.000	51.838	29301.52	0.5250	P	0.6
5	☐	125.000	129.051	74798.65	1.3068	P	0.5
6	☐	250.000	254.988	151575.05	2.5819	P	0.4
7	☐	500.000	510.372	312952.87	5.1676	P	1.3
8	☐	1000.000	992.970	613033.37	10.0539	P	0.6
9	☐			150.00	0.0024	P	15.4

$$y = 0.0101 * x + 1.4152\text{E-}004$$

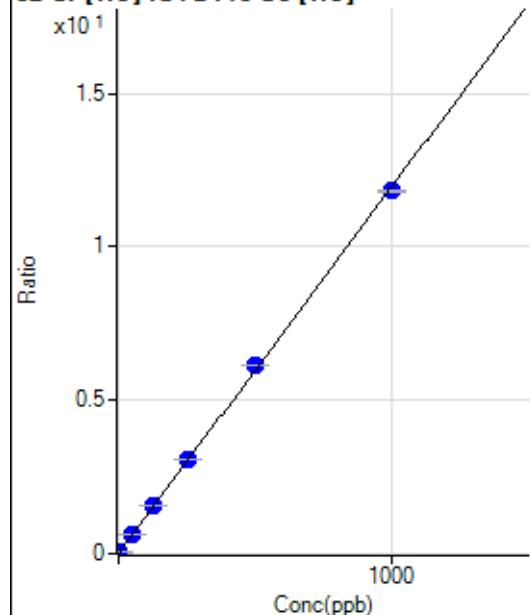
$$R = 0.9999$$

$$DL = 0.02765$$

$$BEC = 0.01398$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	426.68	0.0077	P	12.1
2	☐	0.200					
3	☐	2.000	2.105	1815.70	0.0329	P	3.7
4	☐	50.000	52.993	35734.60	0.6404	P	1.3
5	☐	125.000	131.020	89968.15	1.5718	P	0.7
6	☐	250.000	258.633	181709.05	3.0952	P	0.1
7	☐	500.000	514.316	372309.11	6.1474	P	0.5
8	☐	1000.000	989.781	720923.86	11.8232	P	0.2
9	☐			11258.91	0.1792	P	2.9

$$y = 0.0119 * x + 0.0077$$

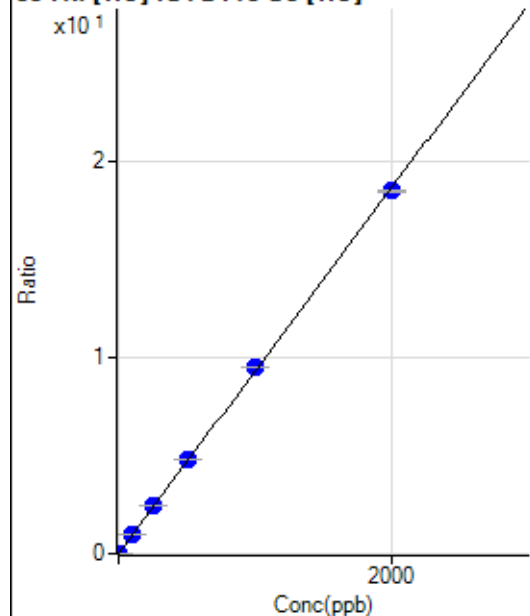
$$R = 0.9998$$

$$DL = 0.2351$$

$$BEC = 0.649$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	42.22	0.0008	P	40.2
2	☐	0.100					
3	☐	1.000	0.930	521.13	0.0094	P	6.7
4	☐	100.000	104.257	54322.26	0.9734	P	1.8
5	☐	250.000	261.130	139483.91	2.4369	P	0.8
6	☐	500.000	516.107	282708.44	4.8157	P	0.9
7	☐	1000.000	1020.377	576578.69	9.5202	P	0.5
8	☐	2000.000	1984.181	1128748.35	18.5118	P	0.4
9	☐			5175.43	0.0824	P	0.4

$$y = 0.0093 * x + 7.6789E-004$$

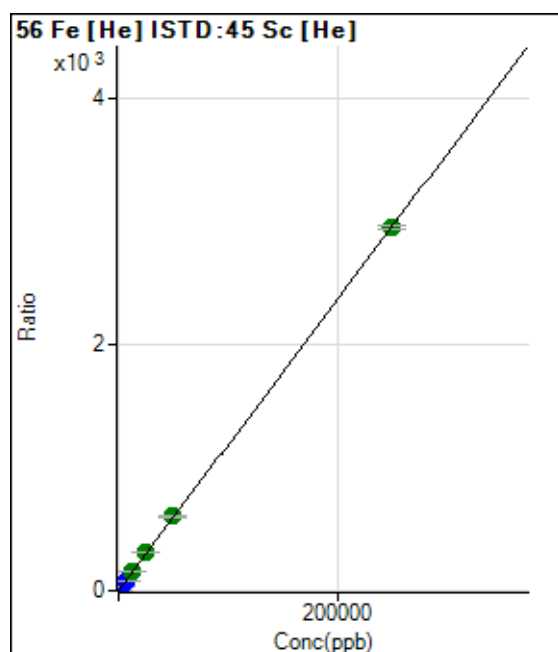
$$R = 0.9999$$

$$DL = 0.09929$$

$$BEC = 0.08231$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1326.03	0.0241	P	9.0
2	☐	5.000					
3	☐	50.000	50.010	33915.56	0.6140	P	0.8
4	☐	2500.000	2764.112	1820899.34	32.6290	P	1.0
5	☐	6250.000	6798.228	4591333.03	80.2147	P	0.9
6	☐	12500.000	13302.700	9213384.81	156.9402	A	0.4
7	☐	25000.000	26263.256	18763102.73	309.8204	A	1.1
8	☐	50000.000	50969.157	36661091.09	601.2464	A	0.2
9	☐	250000.00	249623.36	184999793.0	2,944.532	A	1.0

$$y = 0.0118 * x + 0.0241$$

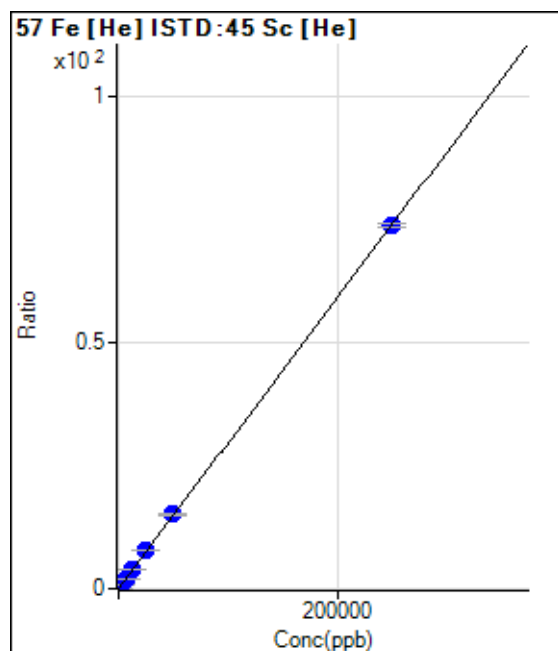
$$R = 1.0000$$

$$DL = 0.5505$$

$$BEC = 2.041$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0012	P	36.6
2	☐	5.000					
3	☐	50.000	48.824	863.02	0.0156	P	4.0
4	☐	2500.000	2739.562	45183.00	0.8096	P	1.0
5	☐	6250.000	6785.859	114681.76	2.0036	P	1.4
6	☐	12500.000	13383.551	231920.92	3.9505	P	0.4
7	☐	25000.000	26456.432	472869.63	7.8081	P	1.2
8	☐	50000.000	51110.922	919691.65	15.0833	P	0.8
9	☐	250000.00	249572.20	4627082.11	73.6462	P	0.9

$$y = 2.9508E-004 * x + 0.0012$$

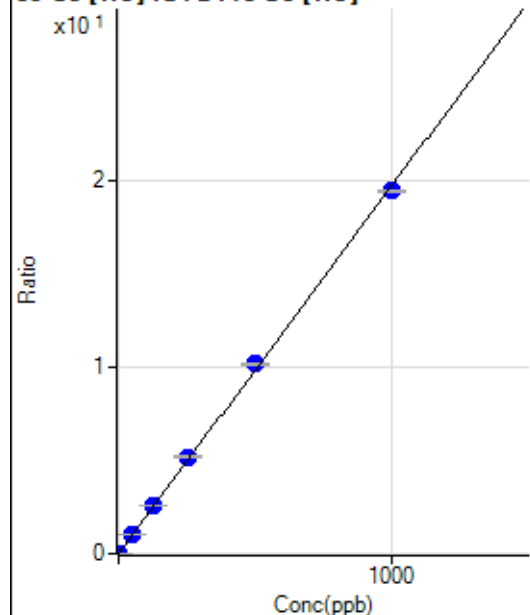
$$R = 1.0000$$

$$DL = 4.509$$

$$BEC = 4.107$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0006	P	36.4
2	☐	0.100					
3	☐	1.000	0.938	1055.61	0.0191	P	5.0
4	☐	50.000	54.322	59852.70	1.0725	P	0.9
5	☐	125.000	132.701	149913.21	2.6191	P	1.0
6	☐	250.000	263.765	305584.42	5.2054	P	0.9
7	☐	500.000	516.778	617604.52	10.1980	P	1.1
8	☐	1000.000	986.991	1187570.48	19.4765	P	0.6
9	☐			1541.22	0.0245	P	5.6

$$y = 0.0197 * x + 6.0603E-004$$

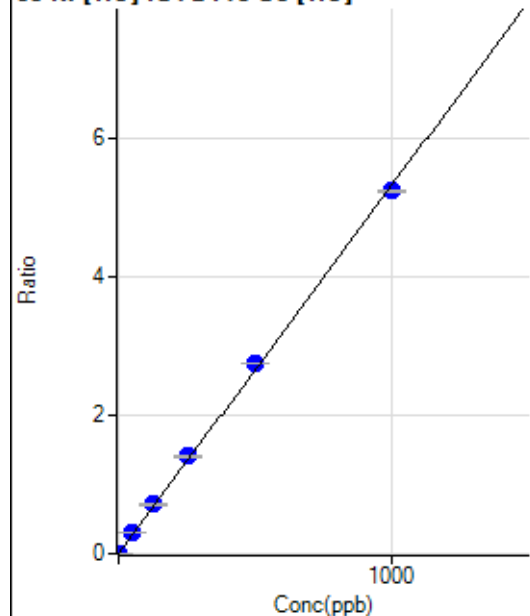
$$R = 0.9997$$

$$DL = 0.03354$$

$$BEC = 0.03071$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17.78	0.0003	P	21.8
2	☐	0.100					
3	☐	1.000	1.124	347.79	0.0063	P	3.2
4	☐	50.000	55.812	16560.65	0.2968	P	0.9
5	☐	125.000	133.443	40587.28	0.7091	P	1.2
6	☐	250.000	264.032	82345.12	1.4026	P	0.2
7	☐	500.000	518.234	166715.40	2.7527	P	0.5
8	☐	1000.000	986.029	319344.28	5.2373	P	0.2
9	☐			3262.63	0.0519	P	2.6

$$y = 0.0053 * x + 3.2299E-004$$

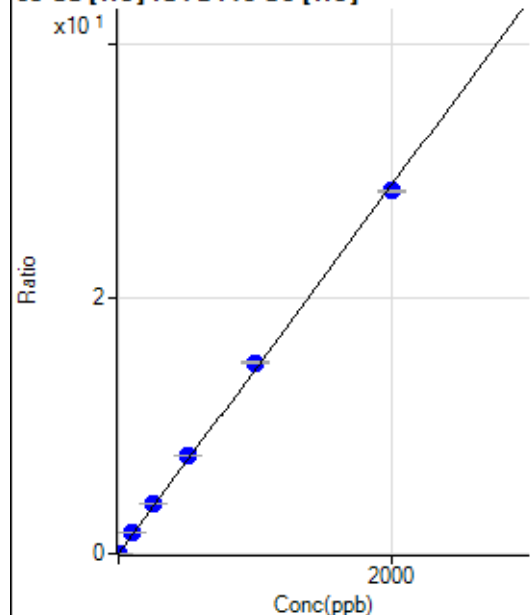
$$R = 0.9996$$

$$DL = 0.03982$$

$$BEC = 0.06081$$

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	141.11	0.0026	P	23.1
2	☐	0.200					
3	☐	2.000	2.129	1841.26	0.0333	P	0.8
4	☐	100.000	110.606	89362.99	1.6014	P	1.5
5	☐	250.000	271.636	224891.66	3.9291	P	1.1
6	☐	500.000	533.231	452657.45	7.7105	P	0.3
7	☐	1000.000	1037.617	908518.80	15.0015	P	1.0
8	☐	2000.000	1969.649	1736202.20	28.4742	P	0.6
9	☐			2324.67	0.0370	P	0.6

$$y = 0.0145 * x + 0.0026$$

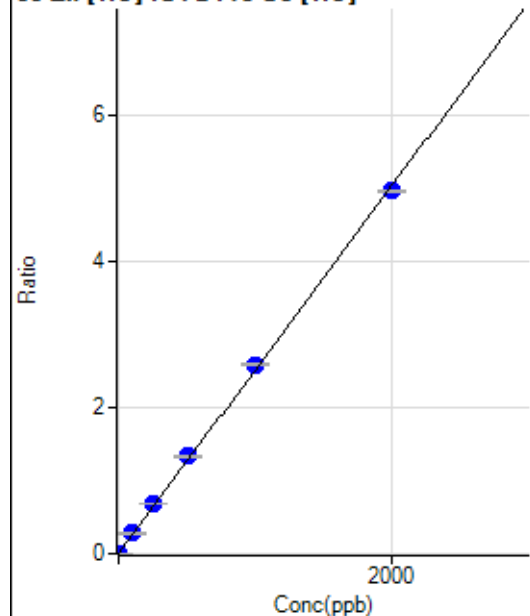
$$R = 0.9996$$

$$DL = 0.123$$

$$BEC = 0.1774$$

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	147.78	0.0027	P	7.9
2	☐	0.200					
3	☐	2.000	2.302	467.79	0.0085	P	3.2
4	☐	100.000	108.995	15436.12	0.2766	P	2.0
5	☐	250.000	267.290	38606.62	0.6745	P	0.1
6	☐	500.000	529.481	78284.10	1.3334	P	0.9
7	☐	1000.000	1030.032	156944.78	2.5915	P	0.9
8	☐	2000.000	1975.002	302835.63	4.9665	P	0.5
9	☐			817.82	0.0130	P	1.9

$$y = 0.0025 * x + 0.0027$$

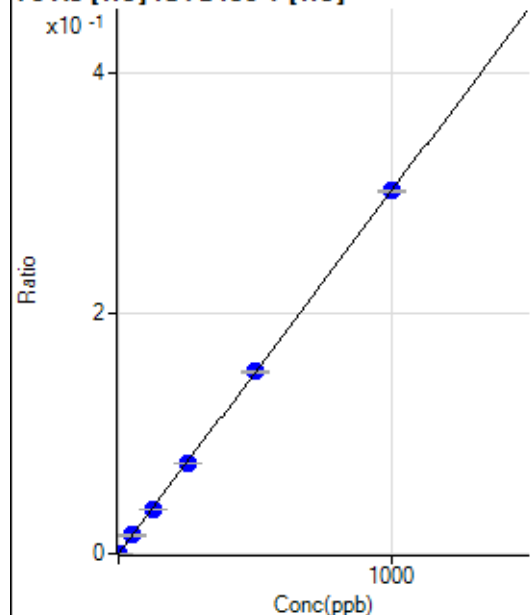
$$R = 0.9997$$

$$DL = 0.2542$$

$$BEC = 1.068$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.85	0.0000	P	0.1
2	☐	0.100					
3	☐	1.000	0.871	97.53	0.0003	P	8.0
4	☐	50.000	50.377	5644.35	0.0152	P	3.5
5	☐	125.000	123.517	14213.19	0.0373	P	0.6
6	☐	250.000	248.507	28906.51	0.0751	P	0.5
7	☐	500.000	501.244	60112.43	0.1515	P	0.4
8	☐	1000.000	999.918	117579.64	0.3022	P	0.8
9	☐			72.84	0.0002	P	18.7

$$y = 3.0221\text{E-}004 * x + 5.0741\text{E-}006$$

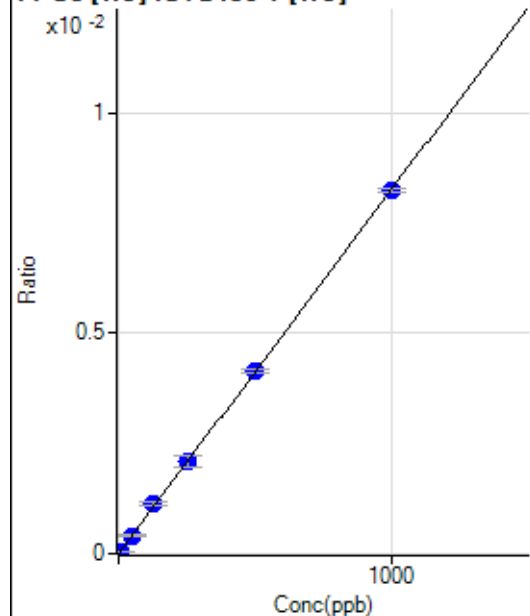
$$R = 1.0000$$

$$DL = 3.417\text{E-}05$$

$$BEC = 0.01679$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	4.811	14.45	0.0000	P	48.1
4	☐	50.000	50.081	153.34	0.0004	P	10.6
5	☐	125.000	137.768	433.35	0.0011	P	4.8
6	☐	250.000	252.095	801.15	0.0021	P	12.4
7	☐	500.000	503.049	1649.01	0.0042	P	1.7
8	☐	1000.000	996.353	3202.63	0.0082	P	1.2
9	☐			1.11	0.0000	P	173.

$$y = 8.2614\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

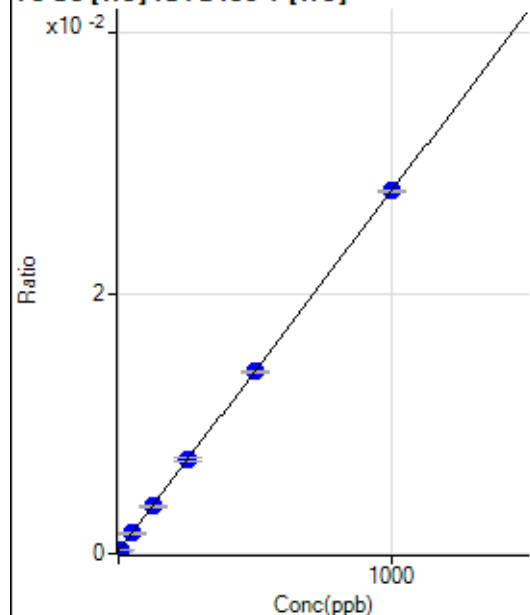
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0002	P	14.3
2	☐	0.500					
3	☐	5.000	3.764	109.88	0.0003	P	7.6
4	☐	50.000	49.964	585.82	0.0016	P	5.2
5	☐	125.000	124.058	1383.41	0.0036	P	2.0
6	☐	250.000	255.084	2794.74	0.0073	P	2.8
7	☐	500.000	497.968	5551.11	0.0140	P	1.5
8	☐	1000.000	999.871	10850.41	0.0279	P	0.9
9	☐			137.04	0.0003	P	9.2

$$y = 2.7692\text{E-}005 * x + 1.9809\text{E-}004$$

$$R = 1.0000$$

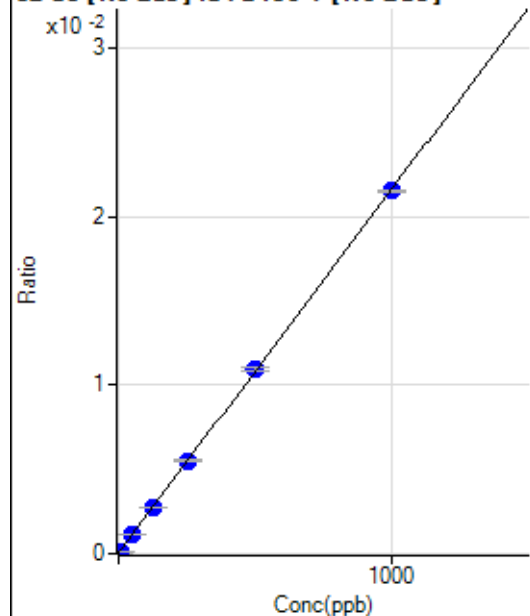
$$DL = 3.06$$

$$BEC = 7.153$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	49.92	0.0000	P	27.8
2	☐	0.500					
3	☐	5.000	3.834	131.36	0.0001	P	17.4
4	☐	50.000	50.449	1154.75	0.0011	P	5.6
5	☐	125.000	125.139	2849.90	0.0027	P	1.9
6	☐	250.000	254.326	5750.72	0.0055	P	2.6
7	☐	500.000	505.101	11547.16	0.0109	P	2.6
8	☐	1000.000	996.334	22325.95	0.0215	P	0.5
9	☐			47.86	0.0000	P	52.1

$$y = 2.1540\text{E-}005 * x + 4.9520\text{E-}005$$

$$R = 1.0000$$

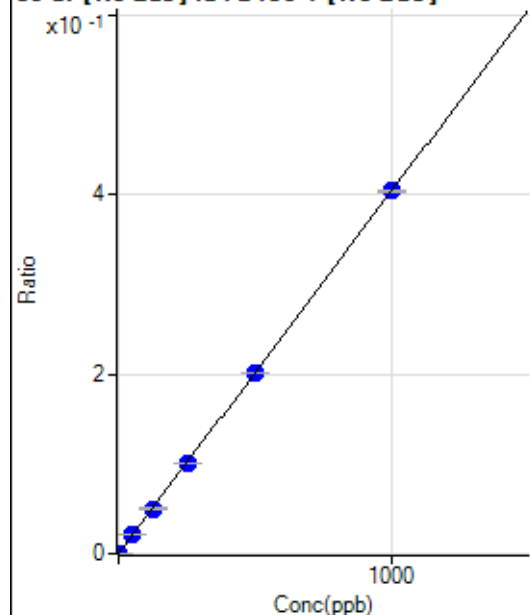
$$DL = 1.916$$

$$BEC = 2.299$$

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	116.67	0.0001	P	7.1
2	☐	0.100					
3	☐	1.000	0.814	441.69	0.0004	P	10.7
4	☐	50.000	51.394	21180.38	0.0208	P	2.8
5	☐	125.000	124.327	52165.79	0.0502	P	1.8
6	☐	250.000	249.474	104777.37	0.1007	P	0.6
7	☐	500.000	498.995	212731.84	0.2013	P	0.8
8	☐	1000.000	1000.649	418887.65	0.4036	P	0.6
9	☐			14271.59	0.0146	P	1.4

$$y = 4.0322\text{E-}004 * x + 1.1574\text{E-}004$$

$$R = 1.0000$$

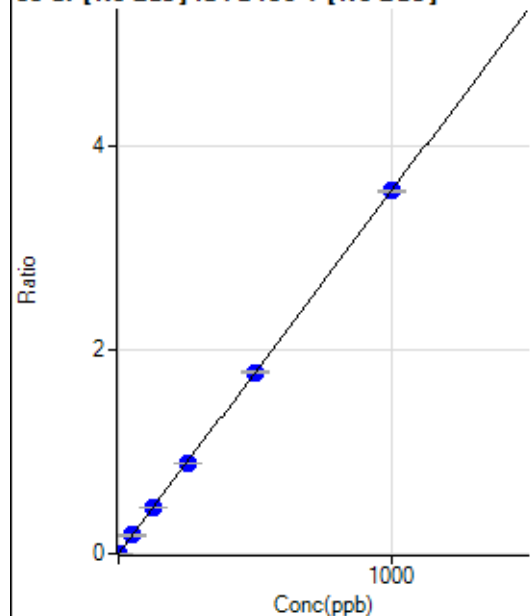
$$DL = 0.06122$$

$$BEC = 0.287$$

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	72.23	0.0001	P	48.1
2	☐	0.100					
3	☐	1.000	0.937	3386.66	0.0034	P	3.3
4	☐	50.000	50.374	182084.81	0.1792	P	0.7
5	☐	125.000	125.624	463753.35	0.4467	P	0.3
6	☐	250.000	249.796	924014.40	0.8881	P	0.1
7	☐	500.000	499.992	1878310.52	1.7776	P	0.9
8	☐	1000.000	999.958	3689760.19	3.5550	P	0.2
9	☐			122515.42	0.1253	P	0.3

$$y = 0.0036 * x + 7.1672\text{E-}005$$

$$R = 1.0000$$

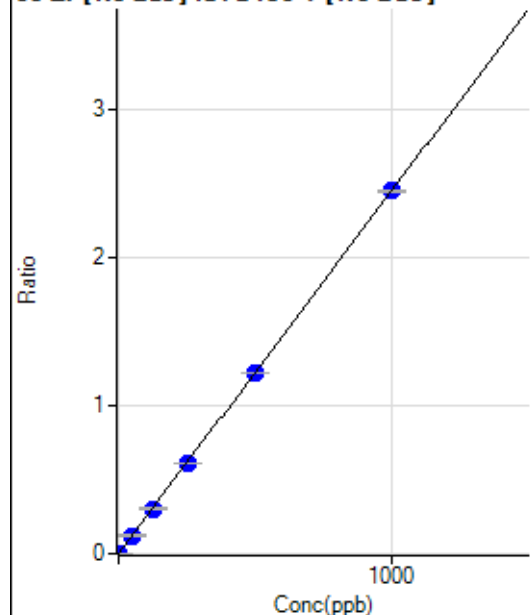
$$DL = 0.02909$$

$$BEC = 0.02016$$

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	100.00	0.0001	P	16.6
2	☐	0.100					
3	☐	1.000	0.864	2208.61	0.0022	P	3.2
4	☐	50.000	50.181	125189.47	0.1232	P	0.8
5	☐	125.000	124.347	316721.24	0.3051	P	1.1
6	☐	250.000	249.901	637758.55	0.6130	P	0.4
7	☐	500.000	499.637	1294963.28	1.2255	P	0.4
8	☐	1000.000	1000.279	2546301.88	2.4533	P	0.4
9	☐			544.48	0.0006	P	21.2

$$y = 0.0025 * x + 9.9203E-005$$

$$R = 1.0000$$

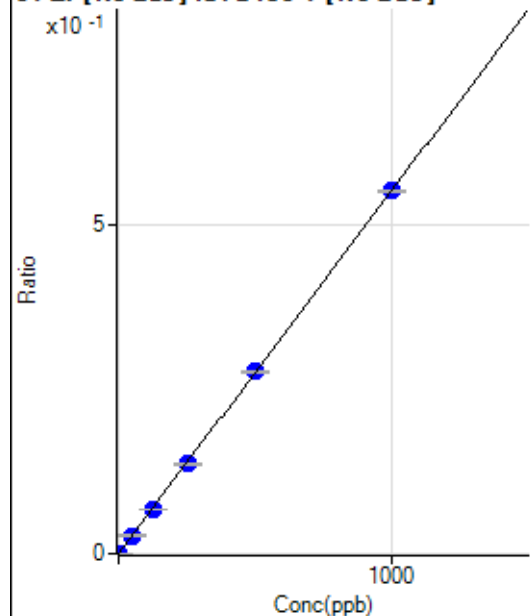
$$DL = 0.02019$$

$$BEC = 0.04045$$

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	22.22	0.0000	P	43.2
2	☐	0.100					
3	☐	1.000	0.848	488.92	0.0005	P	24.4
4	☐	50.000	49.610	27869.92	0.0274	P	3.3
5	☐	125.000	124.042	71148.33	0.0685	P	0.4
6	☐	250.000	247.153	142036.57	0.1365	P	0.8
7	☐	500.000	501.505	292697.23	0.2770	P	0.7
8	☐	1000.000	1000.099	573300.31	0.5524	P	0.3
9	☐			172.23	0.0002	P	31.4

$$y = 5.5229E-004 * x + 2.2041E-005$$

$$R = 1.0000$$

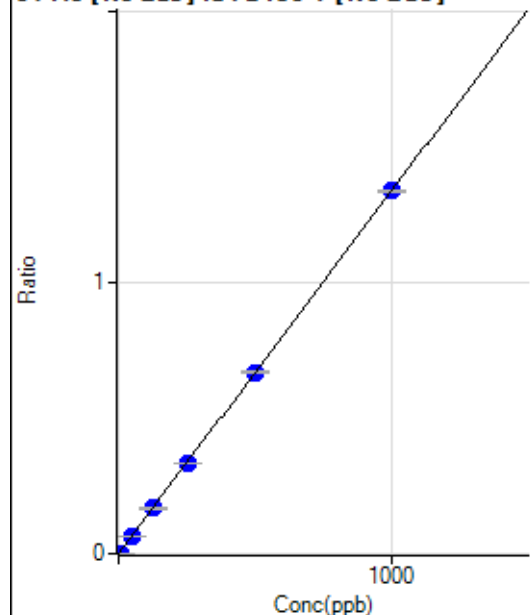
$$DL = 0.05171$$

$$BEC = 0.03991$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	47.22	0.0000	P	66.8
2	☐	0.500					
3	☐	5.000	1.929	2619.80	0.0026	P	6.1
4	☐	50.000	49.392	67282.10	0.0662	P	0.7
5	☐	125.000	125.059	173940.95	0.1675	P	0.8
6	☐	250.000	248.584	346426.57	0.3330	P	0.7
7	☐	500.000	500.365	708158.40	0.6702	P	1.1
8	☐	1000.000	1000.210	1390417.22	1.3396	P	0.6
9	☐			1525.15	0.0016	P	6.4

$$y = 0.0013 * x + 4.6851E-005$$

$$R = 1.0000$$

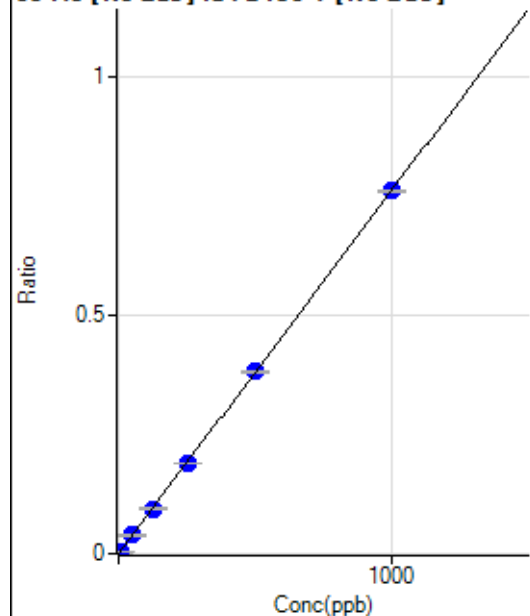
$$DL = 0.07013$$

$$BEC = 0.03498$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16.66	0.0000	P	86.5
2	☐	0.500					
3	☐	5.000	4.577	3483.90	0.0035	P	2.7
4	☐	50.000	50.316	38918.29	0.0383	P	1.4
5	☐	125.000	124.296	98178.53	0.0946	P	1.8
6	☐	250.000	248.179	196426.11	0.1888	P	0.7
7	☐	500.000	501.909	403448.91	0.3818	P	0.8
8	☐	1000.000	999.575	789193.52	0.7604	P	0.7
9	☐			2350.29	0.0024	P	2.0

$$y = 7.6068E-004 * x + 1.6523E-005$$

$$R = 1.0000$$

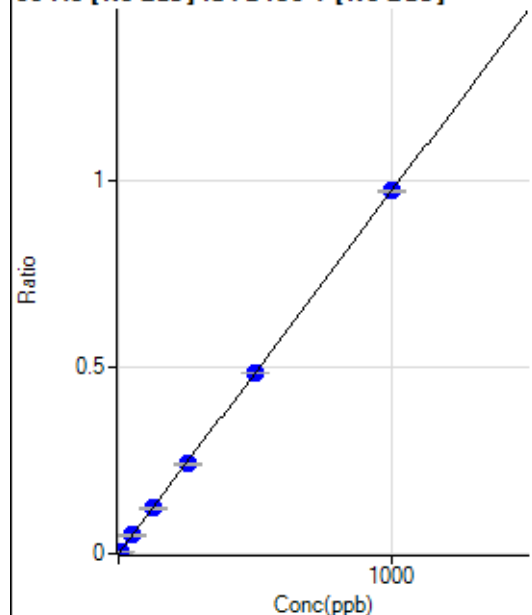
$$DL = 0.05639$$

$$BEC = 0.02172$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	25.0
2	☐	0.500					
3	☐	5.000	3.849	3756.25	0.0038	P	7.2
4	☐	50.000	50.634	50008.82	0.0492	P	1.7
5	☐	125.000	124.948	125996.96	0.1214	P	0.6
6	☐	250.000	247.729	250297.06	0.2406	P	1.0
7	☐	500.000	498.900	511919.56	0.4845	P	0.9
8	☐	1000.000	1001.098	1008953.13	0.9721	P	0.5
9	☐			3117.18	0.0032	P	4.5

$$y = 9.7101\text{E-}004 * x + 3.3066\text{E-}005$$

$$R = 1.0000$$

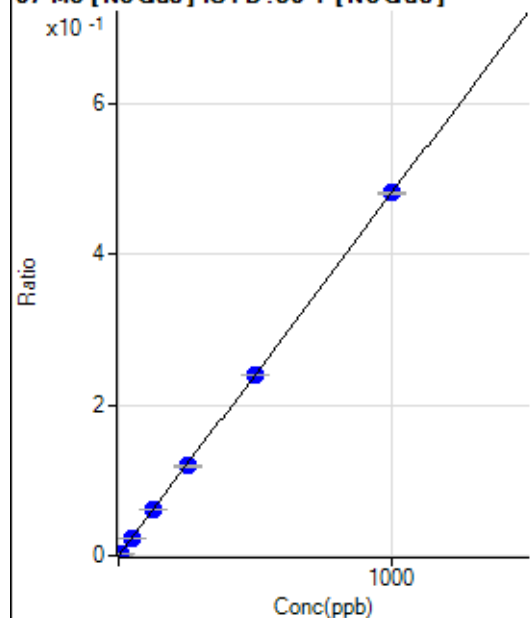
$$DL = 0.02552$$

$$BEC = 0.03405$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.78	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	4.299	2064.14	0.0021	P	6.3
4	☐	50.000	49.693	24327.26	0.0239	P	2.1
5	☐	125.000	126.550	63272.93	0.0609	P	1.9
6	☐	250.000	247.272	123894.51	0.1191	P	0.6
7	☐	500.000	498.763	253815.02	0.2402	P	0.5
8	☐	1000.000	1001.126	500387.94	0.4821	P	0.5
9	☐			1302.90	0.0013	P	6.7

$$y = 4.8157\text{E-}004 * x + 2.7569\text{E-}006$$

$$R = 1.0000$$

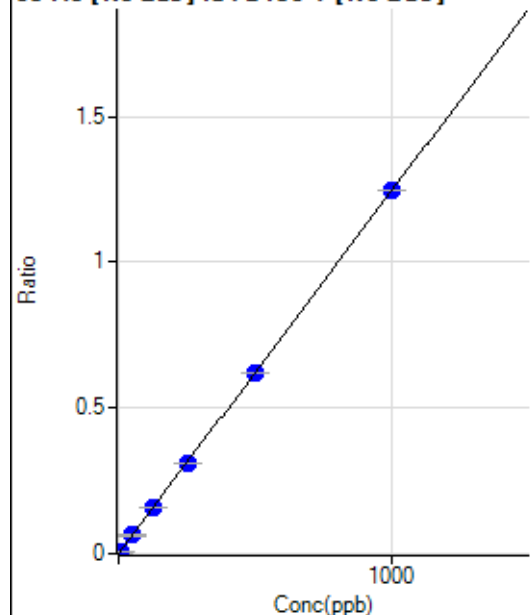
$$DL = 0.02975$$

$$BEC = 0.005725$$

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	19.45	0.0000	P	24.7
2	☐	0.500					
3	☐	5.000	4.320	5370.72	0.0054	P	4.4
4	☐	50.000	50.386	63711.19	0.0627	P	1.1
5	☐	125.000	125.305	161811.71	0.1559	P	0.2
6	☐	250.000	248.418	321443.93	0.3090	P	0.3
7	☐	500.000	499.913	656987.72	0.6217	P	0.5
8	☐	1000.000	1000.385	1291275.68	1.2441	P	0.1
9	☐			3770.11	0.0039	P	9.5

$$y = 0.0012 * x + 1.9292E-005$$

$$R = 1.0000$$

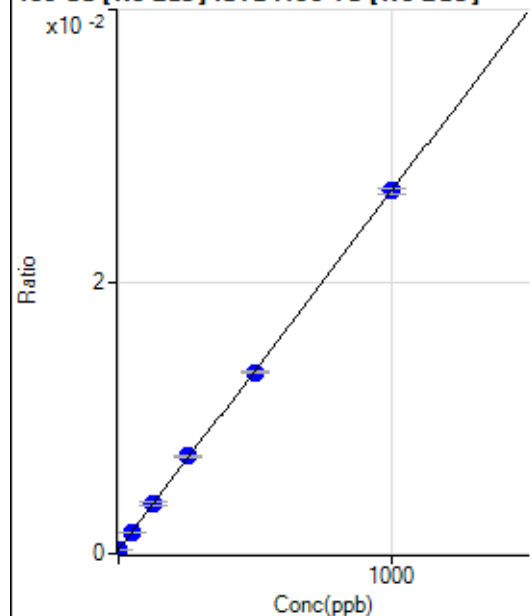
$$DL = 0.01151$$

$$BEC = 0.01551$$

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	483.36	0.0003	P	17.8
2	☐	0.100					
3	☐	1.000	-0.445	458.36	0.0003	P	4.6
4	☐	50.000	48.191	2466.99	0.0016	P	3.1
5	☐	125.000	126.355	5809.77	0.0036	P	7.6
6	☐	250.000	259.729	11307.80	0.0072	P	1.1
7	☐	500.000	494.557	21508.88	0.0134	P	1.5
8	☐	1000.000	1000.212	42097.22	0.0267	P	1.9
9	☐			433.36	0.0003	P	11.7

$$y = 2.6376E-005 * x + 3.1063E-004$$

$$R = 0.9999$$

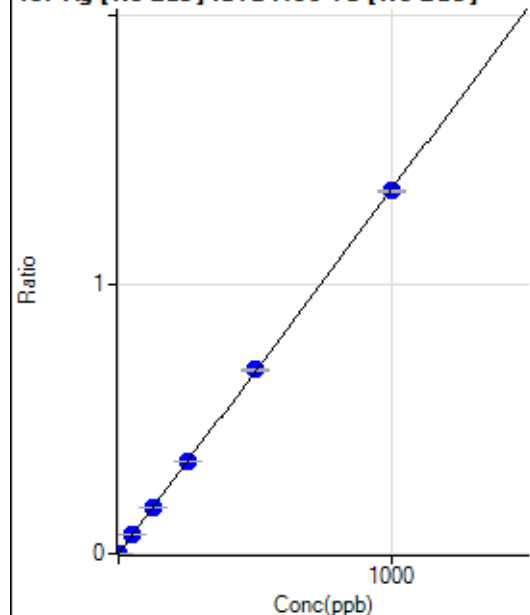
$$DL = 6.281$$

$$BEC = 11.78$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	34.8
2	☐	0.100					
3	☐	1.000	0.883	1847.43	0.0012	P	0.7
4	☐	50.000	52.056	109842.66	0.0704	P	1.3
5	☐	125.000	127.001	273990.35	0.1718	P	0.9
6	☐	250.000	255.374	545537.78	0.3455	P	0.4
7	☐	500.000	504.308	1098715.46	0.6823	P	0.4
8	☐	1000.000	996.149	2125327.42	1.3476	P	0.3
9	☐			305.57	0.0002	P	16.7

$$y = 0.0014 * x + 8.9336E-006$$

$$R = 1.0000$$

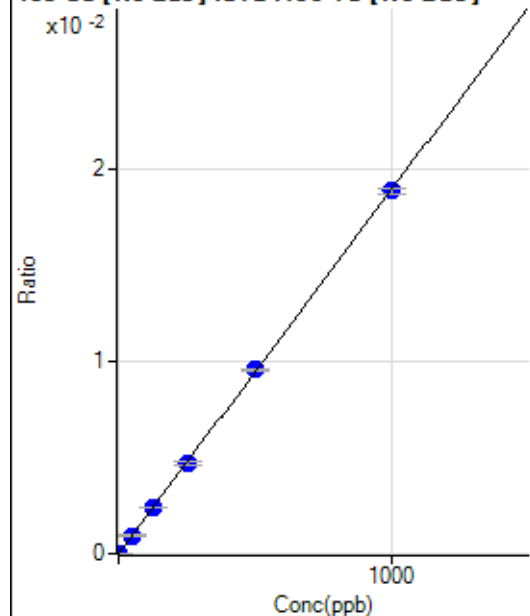
$$DL = 0.0069$$

$$BEC = 0.006604$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.100					
3	☐	1.000	0.859	25.00	0.0000	P	28.9
4	☐	50.000	49.492	1464.00	0.0009	P	3.4
5	☐	125.000	127.712	3863.12	0.0024	P	1.2
6	☐	250.000	249.029	7459.08	0.0047	P	2.9
7	☐	500.000	506.401	15471.26	0.0096	P	1.1
8	☐	1000.000	996.729	29816.40	0.0189	P	1.5
9	☐			5.56	0.0000	P	114.

$$y = 1.8969E-005 * x + 0.0000E+000$$

$$R = 1.0000$$

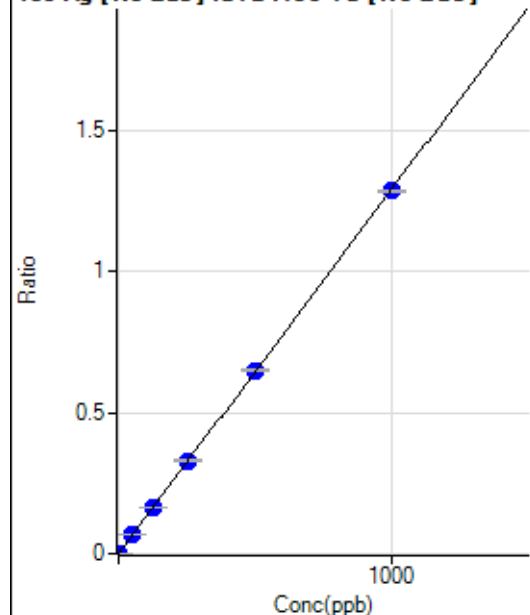
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.55	0.0000	P	86.6
2	☐	0.100					
3	☐	1.000	0.976	1939.11	0.0013	P	8.5
4	☐	50.000	51.577	103789.52	0.0666	P	0.7
5	☐	125.000	126.835	260972.68	0.1637	P	0.9
6	☐	250.000	255.855	521287.38	0.3301	P	0.2
7	☐	500.000	503.815	1046916.69	0.6501	P	0.2
8	☐	1000.000	996.321	2027373.37	1.2855	P	0.5
9	☐			283.35	0.0002	P	18.3

$$y = 0.0013 * x + 3.5649E-006$$

$$R = 1.0000$$

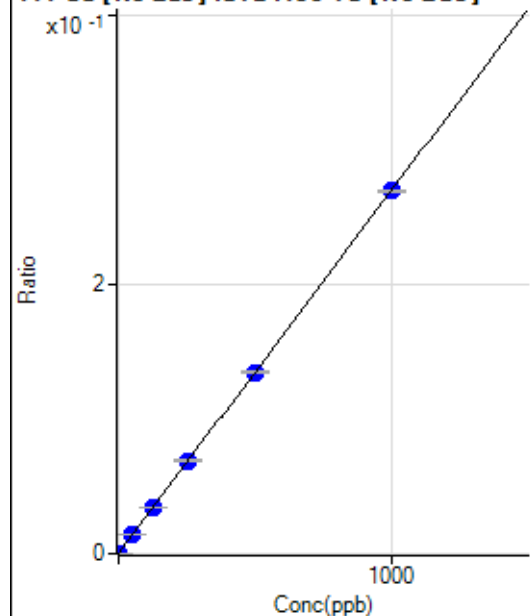
$$DL = 0.007178$$

$$BEC = 0.002763$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	339.74	0.0002	P	18.1
2	☐	0.100					
3	☐	1.000	0.804	668.64	0.0004	P	8.3
4	☐	50.000	51.093	21864.12	0.0140	P	0.6
5	☐	125.000	127.153	55119.39	0.0346	P	0.7
6	☐	250.000	254.902	109069.06	0.0691	P	1.0
7	☐	500.000	499.710	217735.50	0.1352	P	0.4
8	☐	1000.000	998.596	425760.50	0.2700	P	0.2
9	☐			332.79	0.0002	P	8.4

$$y = 2.7012E-004 * x + 2.1833E-004$$

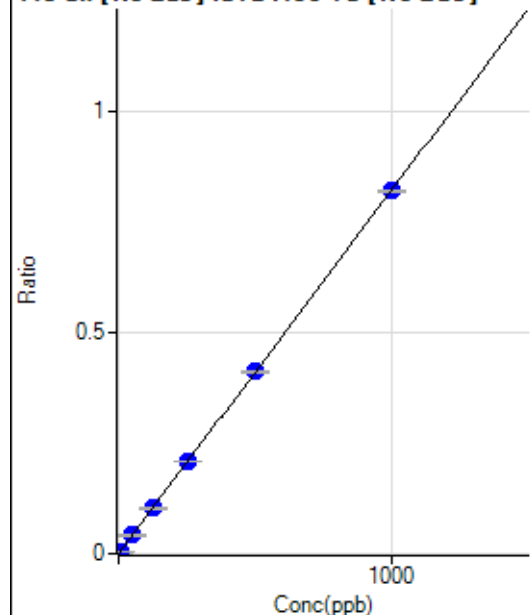
$$R = 1.0000$$

$$DL = 0.4394$$

$$BEC = 0.8083$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	111.12	0.0001	P	26.1
2	☐	0.500					
3	☐	5.000	4.600	5904.29	0.0038	P	2.4
4	☐	50.000	50.415	64692.21	0.0415	P	1.8
5	☐	125.000	124.563	163264.33	0.1024	P	1.9
6	☐	250.000	252.857	328059.24	0.2078	P	0.3
7	☐	500.000	501.226	663118.56	0.4118	P	0.5
8	☐	1000.000	998.709	1293800.32	0.8204	P	0.2
9	☐			1725.18	0.0012	P	7.1

$$y = 8.2136E-004 * x + 7.1395E-005$$

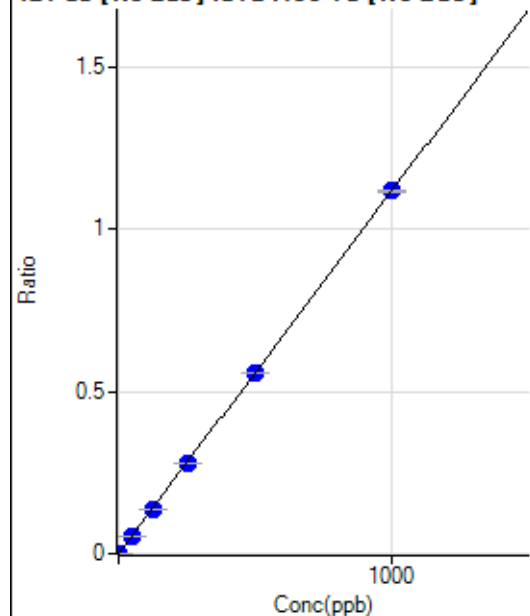
$$R = 1.0000$$

$$DL = 0.068$$

$$BEC = 0.08692$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19.45	0.0000	P	108.
2	☐	0.200					
3	☐	2.000	1.841	3178.29	0.0021	P	4.7
4	☐	50.000	49.335	86028.44	0.0552	P	2.4
5	☐	125.000	123.530	220213.44	0.1381	P	0.6
6	☐	250.000	249.263	439986.97	0.2786	P	0.5
7	☐	500.000	498.448	897307.13	0.5572	P	0.4
8	☐	1000.000	1001.177	1764985.61	1.1191	P	0.3
9	☐			4512.07	0.0031	P	4.5

$$y = 0.0011 * x + 1.2516E-005$$

$$R = 1.0000$$

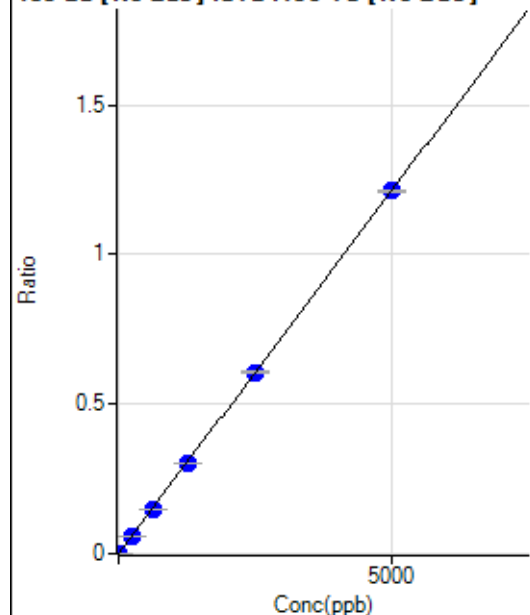
$$DL = 0.03629$$

$$BEC = 0.0112$$

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	8.33	0.0000	P	0.3
2	☐	1.000					
3	☐	10.000	9.252	3453.36	0.0023	P	2.9
4	☐	250.000	247.949	93830.21	0.0602	P	1.3
5	☐	625.000	617.288	238839.30	0.1498	P	1.5
6	☐	1250.000	1254.356	480572.78	0.3043	P	0.4
7	☐	2500.000	2498.931	976407.57	0.6063	P	0.7
8	☐	5000.000	5000.514	1913415.91	1.2133	P	0.4
9	☐			613.93	0.0004	P	14.9

$$y = 2.4263\text{E-}004 * x + 5.3548\text{E-}006$$

$$R = 1.0000$$

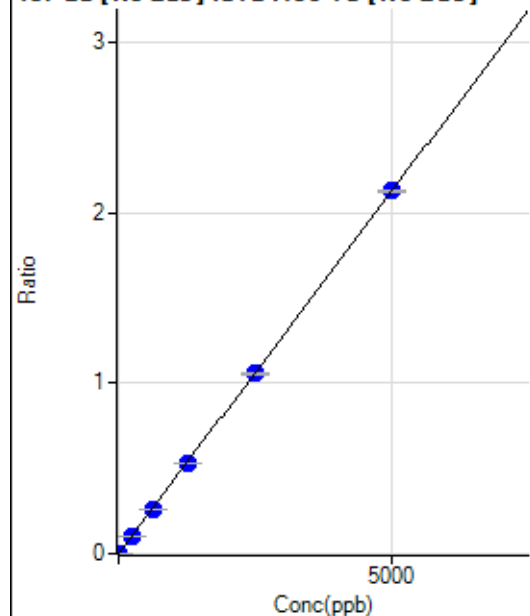
$$DL = 0.0001783$$

$$BEC = 0.02207$$

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	16.67	0.0000	P	132.
2	☐	1.000					
3	☐	10.000	9.291	6073.82	0.0040	P	4.8
4	☐	250.000	248.838	165006.47	0.1058	P	0.0
5	☐	625.000	618.114	419073.34	0.2628	P	0.6
6	☐	1250.000	1248.038	837860.71	0.5306	P	0.3
7	☐	2500.000	2485.745	1701957.25	1.0568	P	0.6
8	☐	5000.000	5008.538	3358221.45	2.1294	P	0.3
9	☐			897.30	0.0006	P	10.7

$$y = 4.2515\text{E-}004 * x + 1.0734\text{E-}005$$

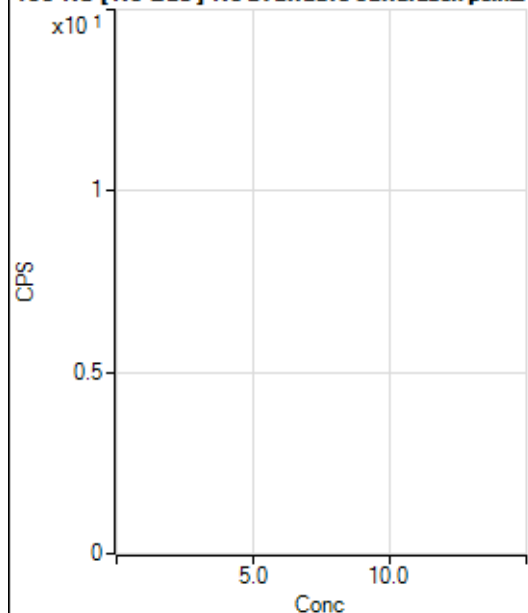
$$R = 1.0000$$

$$DL = 0.1003$$

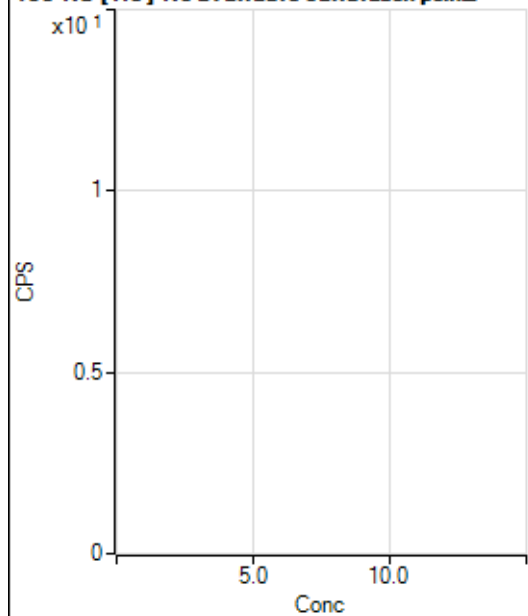
$$BEC = 0.02525$$

Weight: <None>

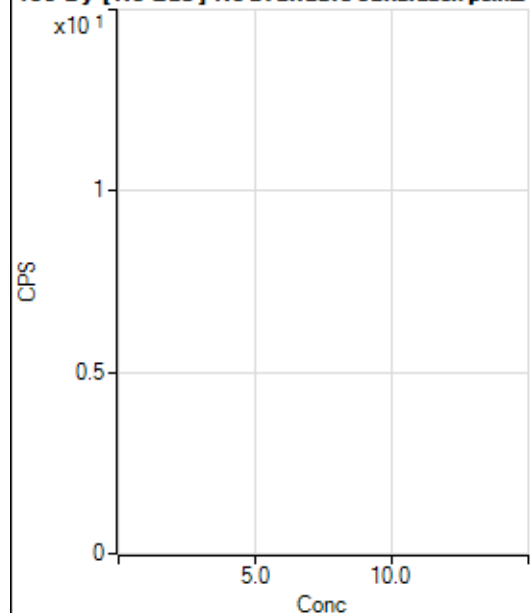
Min Conc: 0

150 Nd [No Gas] No available calibration points

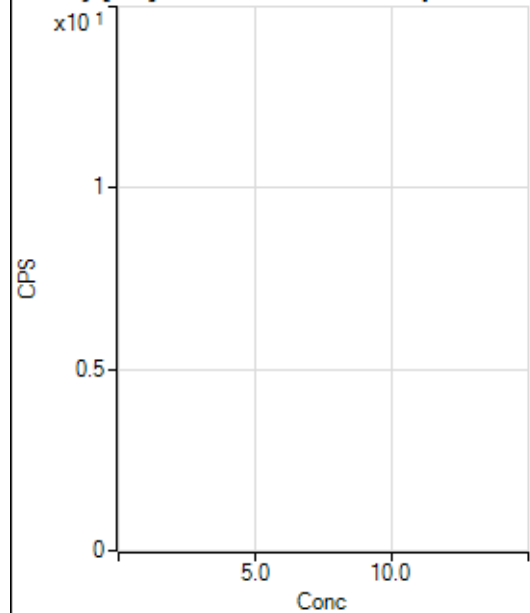
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	173.
5	☐			4.45		P	86.6
6	☐			24.45		P	31.5
7	☐			77.78		P	13.1
8	☐			153.34		P	13.0
9	☐			13.33		P	50.0

150 Nd [He] No available calibration points

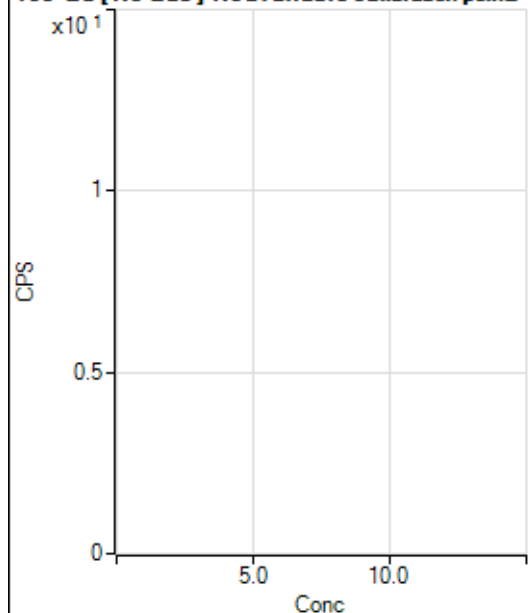
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.
4	☐			2.22		P	86.6
5	☐			8.89		P	21.6
6	☐			7.78		P	99.0
7	☐			21.11		P	50.8
8	☐			31.11		P	48.3
9	☐			20.00		P	33.4

156 Dy [No Gas] No available calibration points

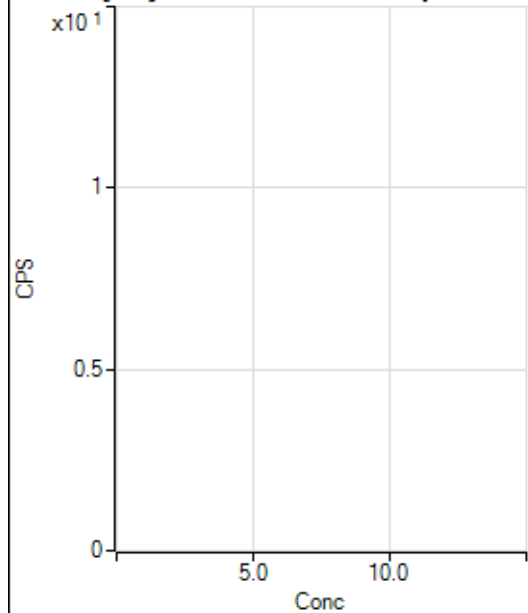
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.
2	☐						
3	☐			5.56		P	173.
4	☐			0.00		P	
5	☐			5.55		P	86.6
6	☐			2.78		P	173.
7	☐			19.45		P	24.7
8	☐			30.56		P	41.7
9	☐			13.89		P	34.7

156 Dy [He] No available calibration points

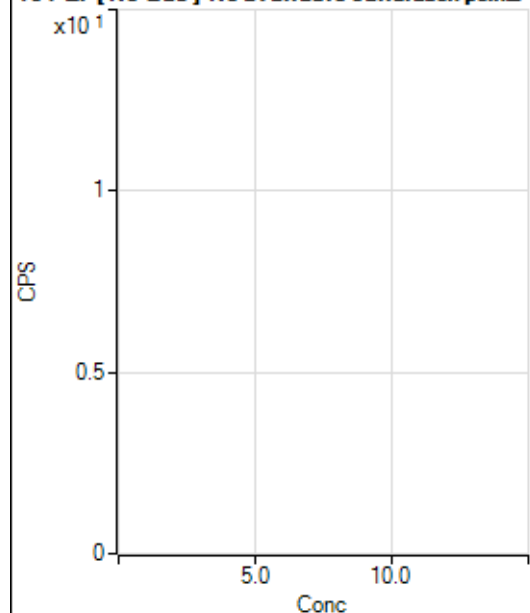
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.
4	☐			2.22		P	86.6
5	☐			3.33		P	100.
6	☐			23.34		P	24.7
7	☐			30.00		P	11.1
8	☐			52.22		P	14.7
9	☐			12.22		P	41.7

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

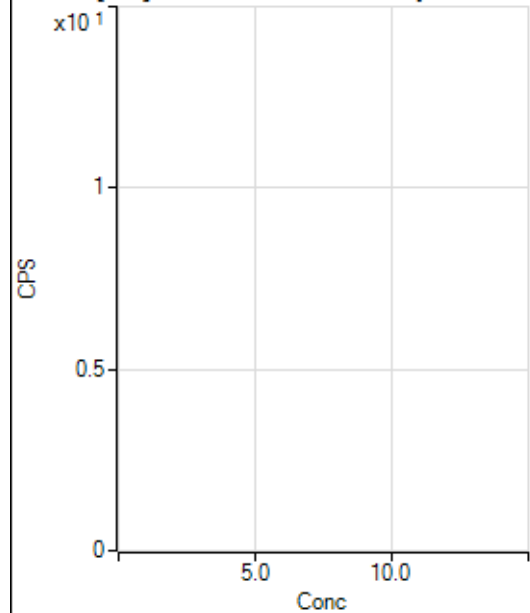
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.34		P	86.6
2	☐						
3	☐			25.00		P	33.3
4	☐			25.00		P	66.7
5	☐			27.78		P	17.3
6	☐			22.22		P	57.3
7	☐			52.78		P	48.2
8	☐			58.33		P	51.5
9	☐			41.67		P	52.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			165.56		P	15.4
2	☐						
3	☐			160.00		P	10.8
4	☐			168.89		P	12.1
5	☐			153.34		P	19.6
6	☐			196.67		P	15.1
7	☐			192.23		P	8.7
8	☐			188.90		P	7.3
9	☐			197.78		P	8.0

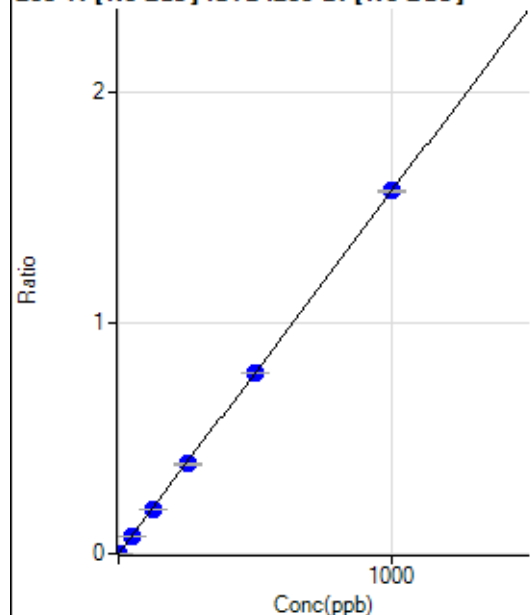
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.55		P	68.6
2	☐						
3	☐			25.00		P	57.7
4	☐			38.89		P	32.7
5	☐			30.55		P	68.6
6	☐			27.78		P	45.8
7	☐			38.89		P	86.6
8	☐			44.45		P	28.7
9	☐			44.45		P	65.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	78.1
2	☐						
3	☐			5.55		P	124.
4	☐			2.22		P	86.6
5	☐			7.78		P	24.7
6	☐			11.11		P	17.3
7	☐			14.44		P	35.3
8	☐			5.56		P	91.6
9	☐			12.22		P	68.7

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	62.0
2	☐	0.100					
3	☐	1.000	0.952	1900.21	0.0015	P	8.3
4	☐	50.000	49.886	99062.47	0.0782	P	1.2
5	☐	125.000	123.423	247478.88	0.1935	P	0.3
6	☐	250.000	247.482	493087.07	0.3879	P	0.6
7	☐	500.000	498.892	991930.35	0.7820	P	0.3
8	☐	1000.000	1001.387	1936671.85	1.5695	P	0.5
9	☐			863.95	0.0008	P	9.1

$$y = 0.0016 * x + 3.7271E-005$$

$$R = 1.0000$$

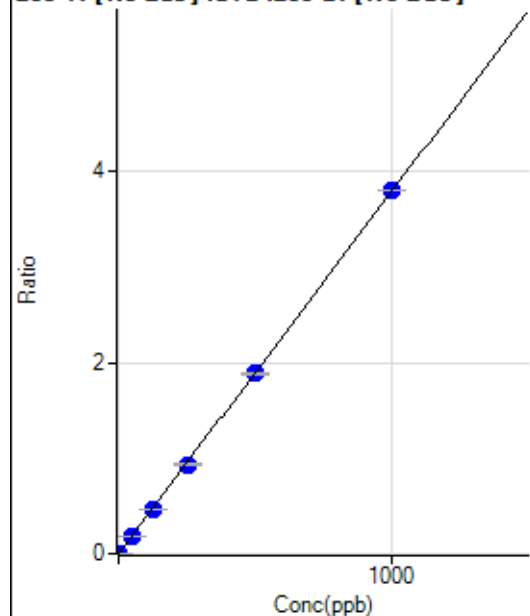
$$DL = 0.0442$$

$$BEC = 0.02378$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	24.0
2	☐	0.100					
3	☐	1.000	0.899	4281.44	0.0034	P	2.8
4	☐	50.000	49.844	239165.55	0.1889	P	0.5
5	☐	125.000	123.915	600450.86	0.4694	P	0.9
6	☐	250.000	246.685	1187865.69	0.9345	P	0.3
7	☐	500.000	497.119	2388824.77	1.8832	P	0.9
8	☐	1000.000	1002.412	4685729.10	3.7973	P	0.2
9	☐			2078.04	0.0019	P	10.9

$$y = 0.0038 * x + 4.1661E-005$$

$$R = 1.0000$$

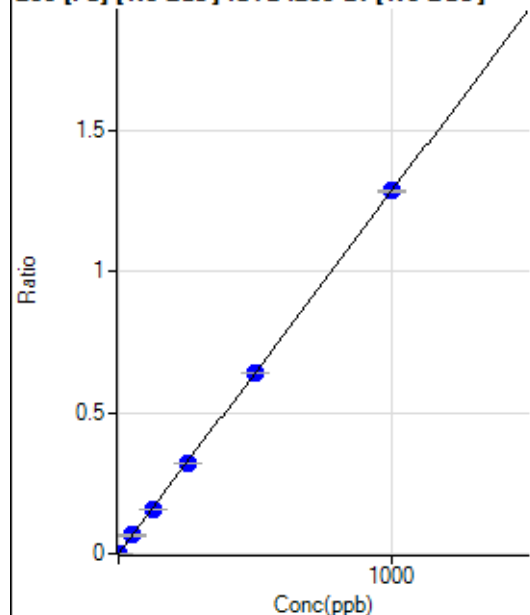
$$DL = 0.007928$$

$$BEC = 0.011$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	294.46	0.0002	P	17.9
2	☐	0.100					
3	☐	1.000	0.889	1703.87	0.0014	P	4.7
4	☐	50.000	50.384	82138.09	0.0649	P	0.9
5	☐	125.000	123.756	203347.66	0.1590	P	0.4
6	☐	250.000	248.448	405386.33	0.3189	P	0.3
7	☐	500.000	498.386	811219.52	0.6395	P	0.6
8	☐	1000.000	1001.332	1585206.94	1.2847	P	0.3
9	☐			1857.59	0.0017	P	5.3

$$y = 0.0013 * x + 2.3244E-004$$

$$R = 1.0000$$

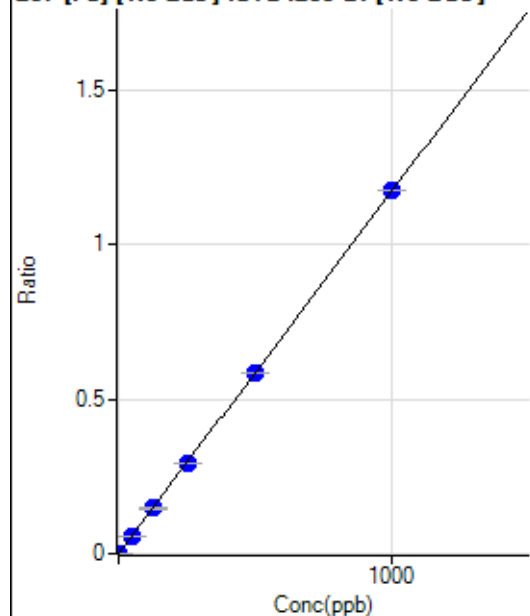
$$DL = 0.09746$$

$$BEC = 0.1812$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	240.75	0.0002	P	5.7
2	☐	0.100					
3	☐	1.000	0.858	1481.61	0.0012	P	4.4
4	☐	50.000	49.626	73730.16	0.0582	P	0.9
5	☐	125.000	124.670	186719.60	0.1460	P	0.4
6	☐	250.000	248.255	369252.45	0.2905	P	0.5
7	☐	500.000	497.077	737590.63	0.5815	P	0.2
8	☐	1000.000	1001.958	1446035.90	1.1719	P	0.1
9	☐			1679.80	0.0015	P	4.5

$$y = 0.0012 * x + 1.9006E-004$$

$$R = 1.0000$$

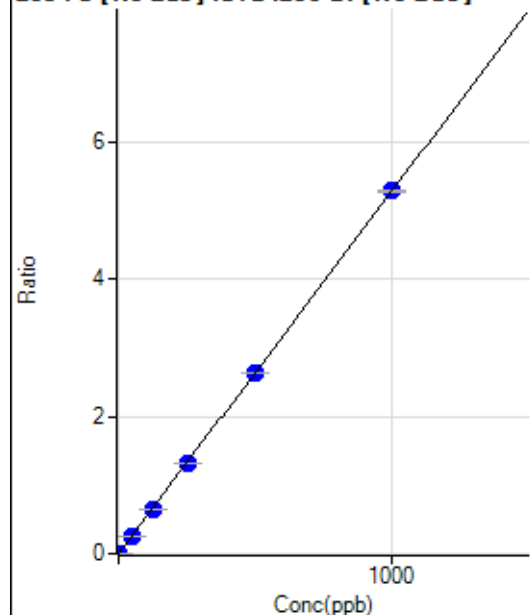
$$DL = 0.02787$$

$$BEC = 0.1625$$

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	1124.13	0.0009	P	5.5
2	☐	0.100					
3	☐	1.000	0.912	7067.64	0.0057	P	1.6
4	☐	50.000	49.944	334304.92	0.2640	P	0.4
5	☐	125.000	124.173	837809.79	0.6550	P	0.5
6	☐	250.000	248.016	1661828.06	1.3074	P	0.1
7	☐	500.000	497.263	3323910.16	2.6204	P	0.3
8	☐	1000.000	1001.971	6514034.72	5.2791	P	0.3
9	☐			7703.00	0.0071	P	1.5

$$y = 0.0053 * x + 8.8741E-004$$

$$R = 1.0000$$

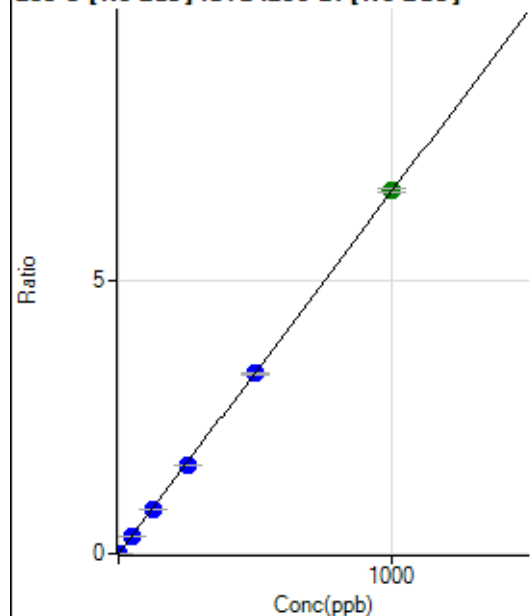
$$DL = 0.02761$$

$$BEC = 0.1685$$

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	66.67	0.0001	P	12.6
2	☐	0.100					
3	☐	1.000	0.851	7057.76	0.0057	P	2.1
4	☐	50.000	48.404	405732.40	0.3204	P	1.4
5	☐	125.000	121.291	1026848.56	0.8028	P	0.4
6	☐	250.000	244.146	2053938.09	1.6159	P	0.3
7	☐	500.000	497.875	4179860.60	3.2951	P	0.4
8	☐	1000.000	1003.070	8192103.13	6.6386	A	1.0
9	☐			802.84	0.0007	P	14.9

$$y = 0.0066 * x + 5.2637E-005$$

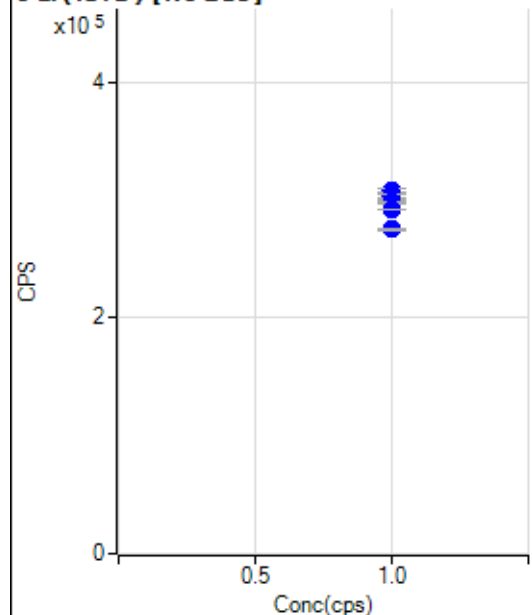
$$R = 1.0000$$

$$DL = 0.003003$$

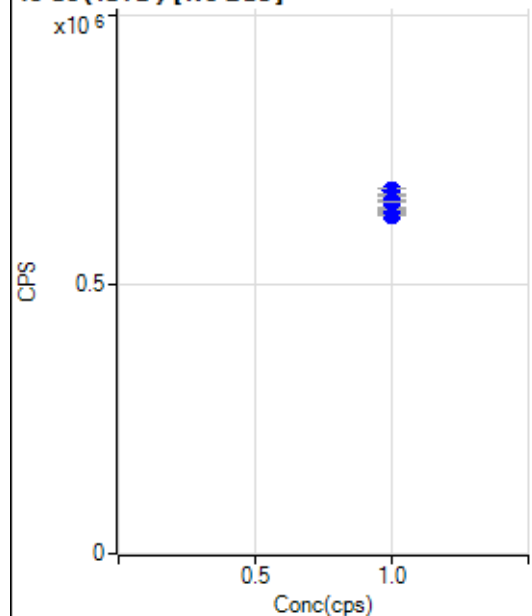
$$BEC = 0.007953$$

Weight: <None>

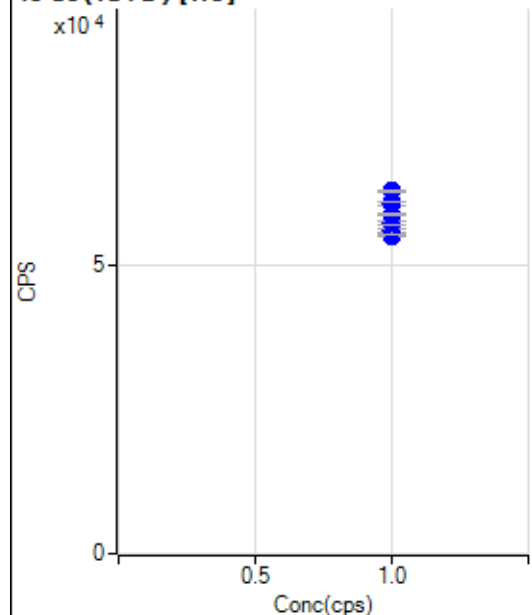
Min Conc: 0

6 Li (ISTD) [No Gas]

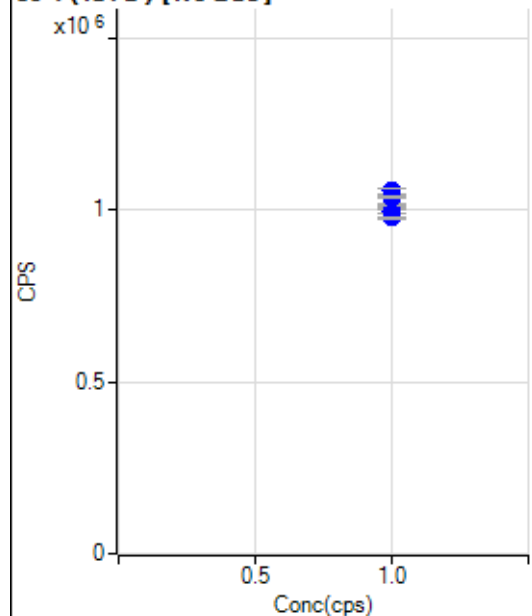
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		305765.08		P	0.4
2	☐	1.000					
3	☐	1.000		307767.78		P	1.2
4	☐	1.000		305012.67		P	0.3
5	☐	1.000		303602.71		P	0.7
6	☐	1.000		298987.32		P	0.6
7	☐	1.000		297286.45		P	0.7
8	☐	1.000		291800.35		P	0.3
9	☐	1.000		274992.15		P	0.6

45 Sc (ISTD) [No Gas]

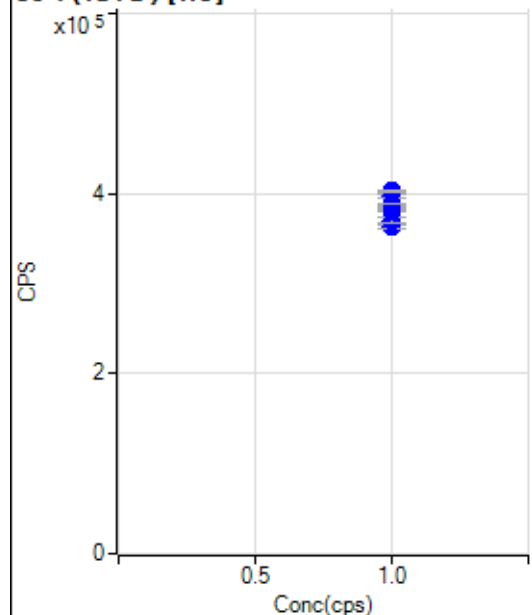
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		632594.39		P	0.4
2	☐	1.000					
3	☐	1.000		628549.70		P	0.3
4	☐	1.000		640442.71		P	0.6
5	☐	1.000		654532.46		P	0.8
6	☐	1.000		657936.01		P	0.0
7	☐	1.000		673411.30		P	1.6
8	☐	1.000		665569.97		P	0.7
9	☐	1.000		652519.25		P	0.3

45 Sc (ISTD) [He]

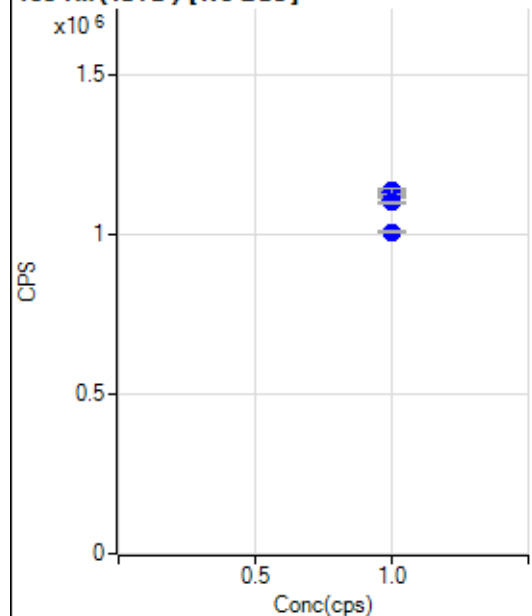
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		55054.30		P	0.5
2	☐	1.000					
3	☐	1.000		55234.87		P	1.3
4	☐	1.000		55810.58		P	1.3
5	☐	1.000		57240.26		P	0.8
6	☐	1.000		58707.00		P	0.5
7	☐	1.000		60565.63		P	1.1
8	☐	1.000		60975.10		P	0.3
9	☐	1.000		62831.83		P	0.9

89 Y (ISTD) [No Gas]

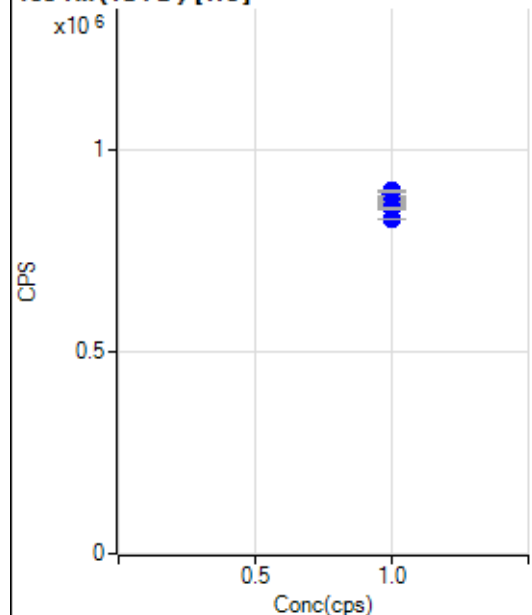
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1008028.46		P	0.1
2	☐	1.000					
3	☐	1.000		995710.04		P	1.2
4	☐	1.000		1016377.09		P	0.6
5	☐	1.000		1038225.23		P	0.3
6	☐	1.000		1040410.88		P	0.5
7	☐	1.000		1056731.41		P	1.2
8	☐	1.000		1037889.31		P	0.3
9	☐	1.000		977552.37		P	0.1

89 Y (ISTD) [He]

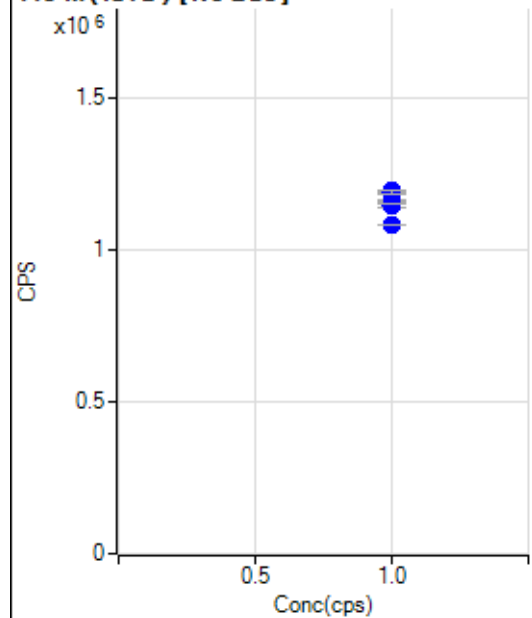
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		364598.84		P	0.1
2	☐	1.000					
3	☐	1.000		363312.91		P	0.7
4	☐	1.000		370533.46		P	1.3
5	☐	1.000		380718.42		P	0.6
6	☐	1.000		384864.17		P	0.7
7	☐	1.000		396822.01		P	0.8
8	☐	1.000		389085.09		P	0.2
9	☐	1.000		402939.61		P	0.6

103 Rh (ISTD) [No Gas]

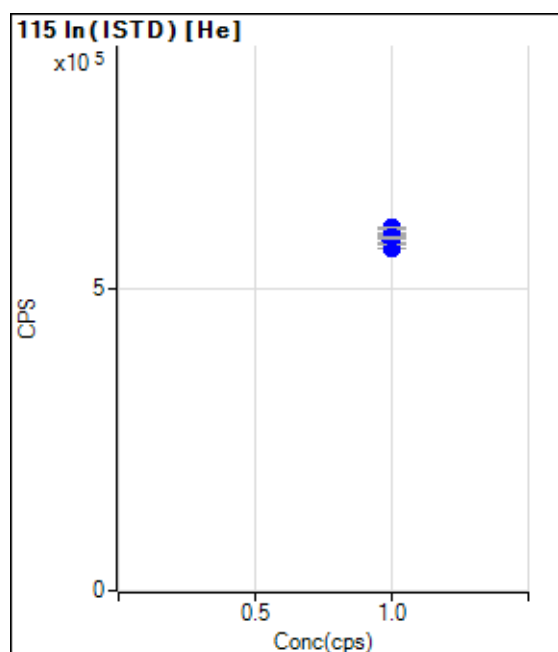
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1119847.82		P	0.1
2	☐	1.000					
3	☐	1.000		1107972.21		P	1.1
4	☐	1.000		1122267.29		P	0.5
5	☐	1.000		1137874.73		P	0.5
6	☐	1.000		1132552.76		P	0.3
7	☐	1.000		1136200.53		P	1.4
8	☐	1.000		1100758.02		P	0.8
9	☐	1.000		1009056.32		P	0.4

103 Rh (ISTD) [He]

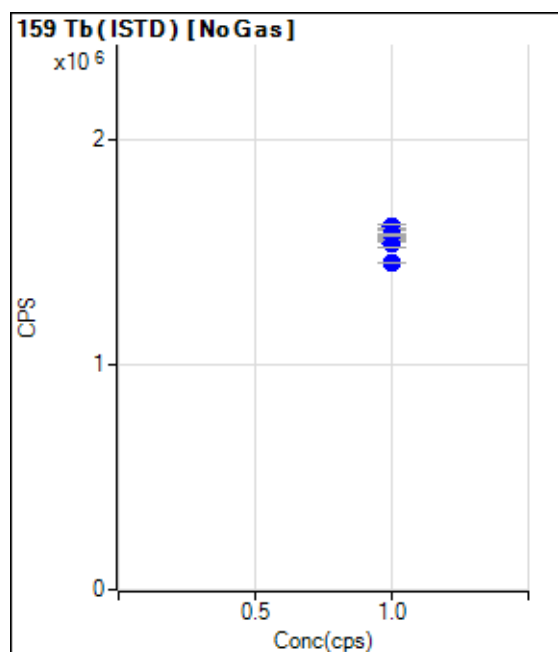
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		863515.35		P	0.5
2	☐	1.000					
3	☐	1.000		863971.52		P	0.2
4	☐	1.000		873513.48		P	0.5
5	☐	1.000		883830.55		P	0.4
6	☐	1.000		887675.80		P	1.1
7	☐	1.000		897119.62		P	0.2
8	☐	1.000		855393.30		P	0.5
9	☐	1.000		827890.44		P	0.4

115 In (ISTD) [No Gas]

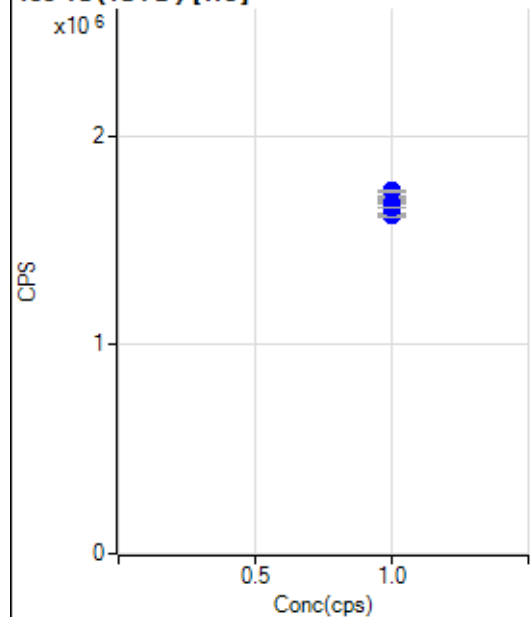
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1162816.01		P	0.4
2	☐	1.000					
3	☐	1.000		1147219.82		P	1.0
4	☐	1.000		1166999.34		P	0.1
5	☐	1.000		1195349.31		P	0.4
6	☐	1.000		1184573.52		P	0.2
7	☐	1.000		1191921.37		P	0.9
8	☐	1.000		1154350.20		P	0.3
9	☐	1.000		1082390.25		P	0.2



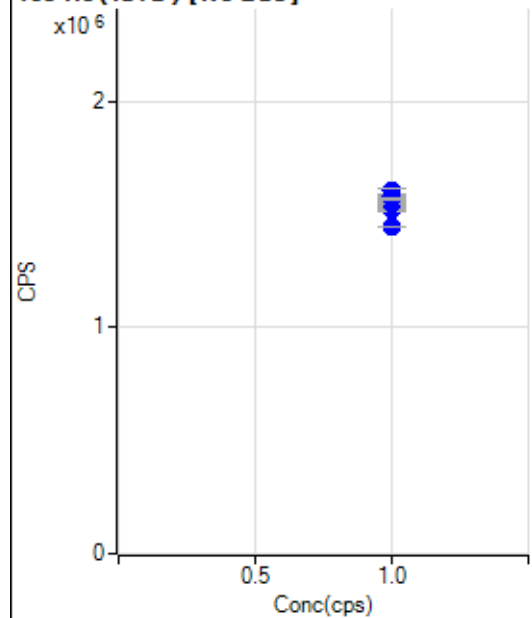
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		567668.12		P	0.2
2	☐	1.000					
3	☐	1.000		566537.07		P	0.2
4	☐	1.000		579370.03		P	0.8
5	☐	1.000		591047.20		P	0.5
6	☐	1.000		592404.70		P	0.5
7	☐	1.000		601190.55		P	0.4
8	☐	1.000		573192.45		P	0.1
9	☐	1.000		584932.29		P	0.3



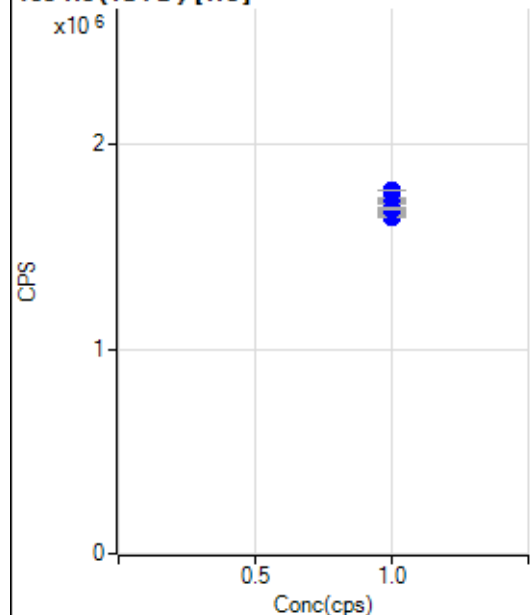
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1555635.19		P	0.3
2	☐	1.000					
3	☐	1.000		1534218.21		P	1.6
4	☐	1.000		1559544.44		P	0.5
5	☐	1.000		1594641.66		P	0.0
6	☐	1.000		1579039.99		P	0.1
7	☐	1.000		1610474.37		P	1.0
8	☐	1.000		1577103.40		P	0.7
9	☐	1.000		1450064.89		P	0.1

159 Tb (ISTD) [He]

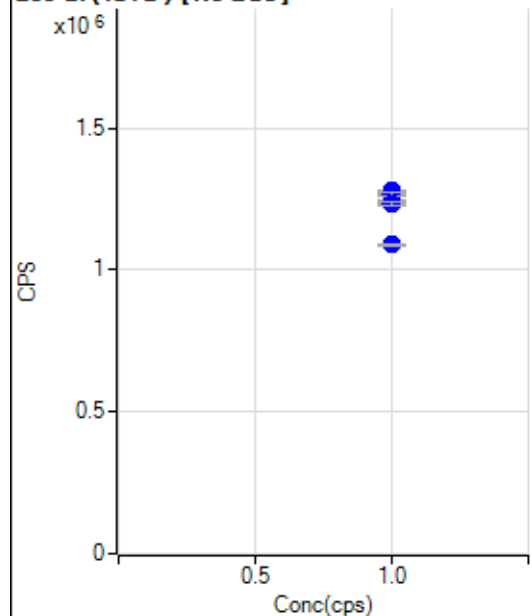
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1627966.64		P	0.6
2	☐	1.000					
3	☐	1.000		1616739.80		P	0.2
4	☐	1.000		1656453.97		P	0.1
5	☐	1.000		1689670.01		P	0.7
6	☐	1.000		1706390.86		P	0.7
7	☐	1.000		1737859.23		P	0.5
8	☐	1.000		1674760.84		P	0.2
9	☐	1.000		1659055.04		P	0.2

165 Ho (ISTD) [No Gas]

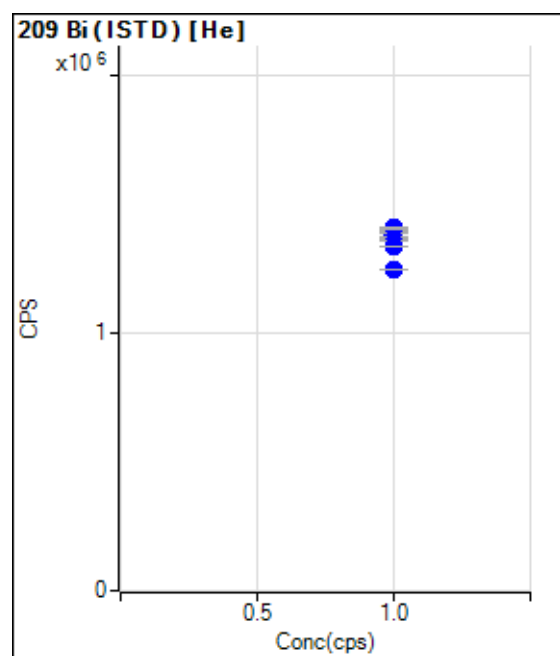
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1535778.56		P	0.7
2	☐	1.000					
3	☐	1.000		1517707.14		P	0.9
4	☐	1.000		1550328.61		P	0.8
5	☐	1.000		1580050.36		P	0.3
6	☐	1.000		1581422.66		P	0.7
7	☐	1.000		1602873.80		P	1.3
8	☐	1.000		1571050.72		P	0.6
9	☐	1.000		1442895.56		P	0.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1658523.93		P	0.3
2	☐	1.000					
3	☐	1.000		1649474.00		P	0.1
4	☐	1.000		1683090.46		P	1.0
5	☐	1.000		1718428.06		P	0.3
6	☐	1.000		1736309.38		P	0.5
7	☐	1.000		1773649.96		P	0.2
8	☐	1.000		1709918.66		P	0.3
9	☐	1.000		1685068.92		P	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1266707.11		P	0.1
2	☐	1.000					
3	☐	1.000		1241799.07		P	1.4
4	☐	1.000		1266396.20		P	0.7
5	☐	1.000		1279088.31		P	0.5
6	☐	1.000		1271100.48		P	0.0
7	☐	1.000		1268501.74		P	0.8
8	☐	1.000		1233952.69		P	0.9
9	☐	1.000		1088203.32		P	0.8



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1372034.15		P	0.4
2	☐	1.000					
3	☐	1.000		1359883.82		P	0.1
4	☐	1.000		1381615.48		P	0.8
5	☐	1.000		1398228.63		P	0.2
6	☐	1.000		1395217.12		P	0.7
7	☐	1.000		1409461.05		P	0.6
8	☐	1.000		1338068.67		P	0.3
9	☐	1.000		1247202.60		P	0.3

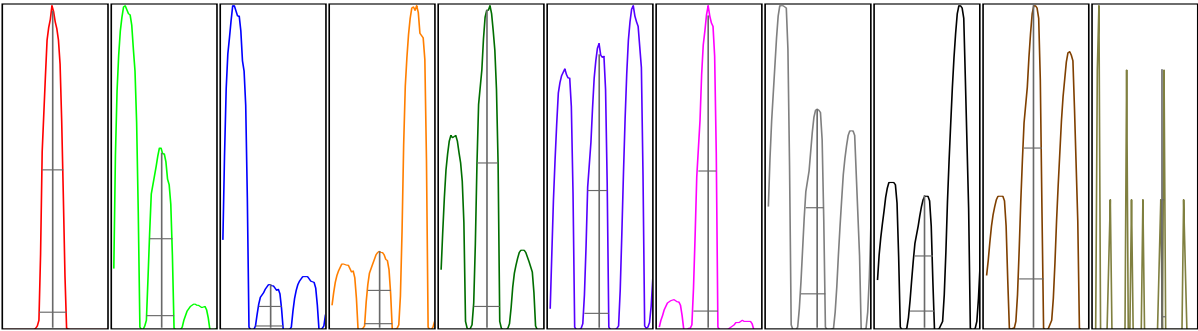
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7100917 -MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	1326	0.57	5.00	
24	5208	0.33	5.00	
25	749	1.06	5.00	
26	917	0.95	5.00	
59	8707	0.33	5.00	
113	1262	1.10	5.00	
115	15613	0.75	5.00	
206	4647	0.36	5.00	
207	4407	0.68	5.00	
208	10171	0.43	5.00	
220	0	122.47		

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
9	1317	1324	1324	1324	1338
24	5189	5226	5191	5212	5223
25	749	756	736	754	749
26	911	907	922	919	928
59	8682	8740	8678	8700	8734
113	1260	1285	1258	1260	1248
115	15709	15763	15575	15497	15521
206	4669	4661	4630	4638	4638
207	4434	4426	4384	4426	4367
208	10186	10222	10107	10190	10150
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak	Axis	Axis	Axis	Width-X%	Width-X%	Width-
	Height	(Actual)	(Required)	(Flag)	(Actual)	(Required)	X% (Flag)
9	2324	8.95	8.9 - 9.1		0.778	0.900	
24	8375	23.95	23.9 - 24.1		0.787	0.900	
25	1171	24.95	24.9 - 25.1		0.790	0.900	
26	1405	25.95	25.9 - 26.1		0.788	0.900	
59	15067	58.90	58.9 - 59.1		0.754	0.900	
113	2300	113.00	112.9 - 113.1		0.726	0.900	
115	28755	115.00	114.9 - 115.1		0.727	0.900	
206	8722	206.00	205.9 - 206.1		0.707	0.900	
207	7901	206.95	206.9 - 207.1		0.711	0.900	
208	19218	207.95	207.9 - 208.1		0.710	0.900	
220	0	220.50	-		0.095		

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

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	18.0	V	Deflect	20.0	V
Extract 2	-215.0	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	140	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	3713	0.20	
89	2633	0.55	
205	7361	0.15	

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
59	3706	3713	3705	3718	3723
89	2658	2625	2629	2627	2625
205	7347	7373	7353	7368	7365

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	18.0	V	Deflect	5.0	V
Extract 2	-240.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-120	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination		5.0 V
He Flow	4.1	mL/min	OctP RF	200	V			

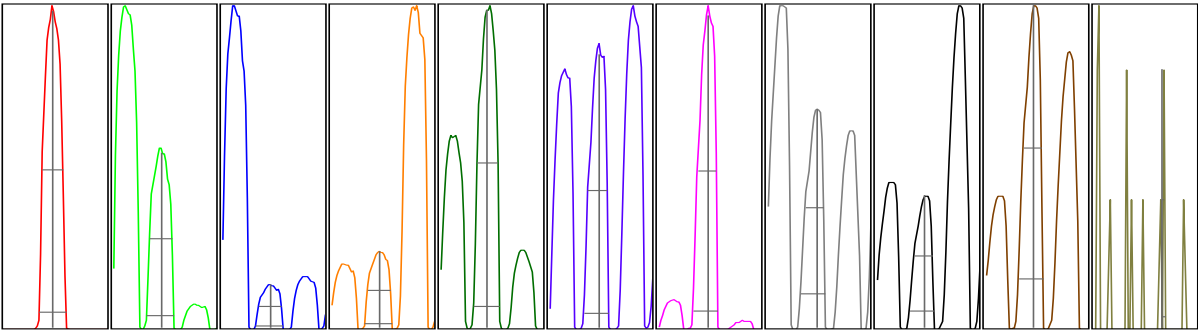
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7100917 -MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	1326	0.57	5.00	
24	5208	0.33	5.00	
25	749	1.06	5.00	
26	917	0.95	5.00	
59	8707	0.33	5.00	
113	1262	1.10	5.00	
115	15613	0.75	5.00	
206	4647	0.36	5.00	
207	4407	0.68	5.00	
208	10171	0.43	5.00	
220	0	122.47		

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
9	1317	1324	1324	1324	1338
24	5189	5226	5191	5212	5223
25	749	756	736	754	749
26	911	907	922	919	928
59	8682	8740	8678	8700	8734
113	1260	1285	1258	1260	1248
115	15709	15763	15575	15497	15521
206	4669	4661	4630	4638	4638
207	4434	4426	4384	4426	4367
208	10186	10222	10107	10190	10150
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak	Axis	Axis	Axis	Width-X%	Width-X%	Width-
	Height	(Actual)	(Required)	(Flag)	(Actual)	(Required)	X% (Flag)
9	2324	8.95	8.9 - 9.1		0.778	0.900	
24	8375	23.95	23.9 - 24.1		0.787	0.900	
25	1171	24.95	24.9 - 25.1		0.790	0.900	
26	1405	25.95	25.9 - 26.1		0.788	0.900	
59	15067	58.90	58.9 - 59.1		0.754	0.900	
113	2300	113.00	112.9 - 113.1		0.726	0.900	
115	28755	115.00	114.9 - 115.1		0.727	0.900	
206	8722	206.00	205.9 - 206.1		0.707	0.900	
207	7901	206.95	206.9 - 207.1		0.711	0.900	
208	19218	207.95	207.9 - 208.1		0.710	0.900	
220	0	220.50	-		0.095		

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

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	18.0	V	Deflect	20.0	V
Extract 2	-215.0	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	140	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	3713	0.20	
89	2633	0.55	
205	7361	0.15	

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
59	3706	3713	3705	3718	3723
89	2658	2625	2629	2627	2625
205	7347	7373	7353	7368	7365

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	18.0	V	Deflect	5.0	V
Extract 2	-240.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-120	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination	5.0	V
He Flow	4.1	mL/min	OctP RF	200	V			

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 15:58:40	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.54	0.62	-0.08	0.00	N/A	ppb
Antimony	121-1	-0.01	0.00	0.01	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	-0.03	-0.01	0.04	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.01	0.00	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.06	0.05	-0.11	0.00	N/A	ppb
Boron	11-1	0.10	-0.12	0.02	0.00	N/A	ppb
Cadmium	111-1	0.07	0.10	-0.17	0.00	N/A	ppb
Cadmium	106-1	1.02	1.39	-2.41	0.00	N/A	ppb
Cadmium	108-1	0.00	0.00	0.00	0.00	N/A	ppb
Calcium	43-1	-7.10	-0.65	7.76	0.00	N/A	ppb
Calcium	44-1	-1.71	-1.74	3.45	0.00	N/A	ppb
Chromium	52-2	-0.08	0.08	0.00	0.00	N/A	ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.04	-0.04	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	-0.13	0.21	-0.08	0.00	N/A	ppb
Iron	57-2	1.05	-1.72	0.67	0.00	N/A	ppb
Lead	206-1	-0.04	0.02	0.02	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	208-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	-0.33	0.00	0.33	0.00	N/A	ppb
Manganese	55-2	0.04	-0.03	0.00	0.00	N/A	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 15:58:40	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Molybdenum	95-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.01	-0.01	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	0.01	0.01	-0.02	0.00	N/A	ppb
Phosphorus	31-2	8.07	20.80	-13.75	5.04	346.64	ppb
Potassium	39-2	-1.49	-1.95	3.44	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	0.18	0.92	-1.10	0.00	N/A	ppb
Selenium	82-1	0.24	-0.72	0.48	0.00	N/A	ppb
Silicon	28-1	-0.66	0.87	-0.21	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-5.25	2.19	3.06	0.00	N/A	ppb
Strontium	86-1	-0.02	0.02	0.00	0.00	N/A	ppb
Strontium	88-1	0.01	0.00	-0.01	0.00	N/A	ppb
Sulfur	34-1	-195.89	128.62	-157.44	-74.90		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.02	0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.02	-0.02	0.00	N/A	ppb
Titanium	47-1	0.00	0.00	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.01	0.00	-0.01	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.00	-0.08	0.09	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00	N/A	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 15:58:40	DataFile Name :	003CALB.d

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

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:06:05	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.14	16.97	19.64	19.25	10.99	ppb
Antimony	121-1	1.92	1.75	1.86	1.84	4.71	ppb
Arsenic	75-2	0.95	0.83	0.83	0.87	8.17	ppb
Barium	135-1	9.52	8.98	9.25	9.25	2.89	ppb
Barium	137-1	8.88	9.76	9.23	9.29	4.79	ppb
Beryllium	9-1	0.72	1.01	0.83	0.85	17.30	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	20.14	19.97	22.65	20.92	7.16	ppb
Boron	11-1	19.61	22.58	19.89	20.69	7.93	ppb
Cadmium	111-1	0.94	0.67	0.81	0.80	16.72	ppb
Cadmium	106-1	-1.04	-0.06	-0.24	-0.44		ppb
Cadmium	108-1	0.99	1.02	0.57	0.86	28.89	ppb
Calcium	43-1	461.46	453.35	436.50	450.44	2.83	ppb
Calcium	44-1	442.20	427.41	436.52	435.38	1.71	ppb
Chromium	52-2	2.21	2.10	2.00	2.10	4.89	ppb
Cobalt	59-2	0.88	0.98	0.95	0.94	5.21	ppb
Copper	63-2	2.15	2.12	2.12	2.13	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	50.40	49.59	50.04	50.01	0.81	ppb
Iron	57-2	50.22	46.41	49.84	48.82	4.30	ppb
Lead	206-1	0.84	0.88	0.94	0.89	5.62	ppb
Lead	207-1	0.90	0.86	0.81	0.86	5.26	ppb
Lead	208-1	0.93	0.92	0.89	0.91	1.89	ppb
Lithium	6-1						%
Magnesium	24-2	487.93	496.28	470.46	484.89	2.72	ppb
Manganese	55-2	0.87	1.00	0.92	0.93	7.33	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:06:05	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.97	1.79	2.02	1.93	6.26	ppb
Molybdenum	95-1	4.71	4.47	4.54	4.58	2.67	ppb
Molybdenum	96-1	4.17	3.64	3.73	3.85	7.27	ppb
Molybdenum	97-1	4.21	4.08	4.60	4.30	6.35	ppb
Molybdenum	98-1	4.53	4.15	4.28	4.32	4.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	1.08	1.14	1.12	3.41	ppb
Phosphorus	31-2	-13.80	3.85	-5.18	-5.04		ppb
Potassium	39-2	445.15	462.56	448.69	452.13	2.03	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.51	2.23	6.70	4.81	48.08	ppb
Selenium	78-2	4.71	3.38	3.21	3.76	21.90	ppb
Selenium	82-1	2.63	4.65	4.23	3.83	27.84	ppb
Silicon	28-1	12.24	12.71	12.38	12.44	1.91	ppb
Silver	109-1	0.99	0.89	1.05	0.98	8.50	ppb
Silver	107-1	0.89	0.88	0.88	0.88	0.70	ppb
Sodium	23-2	474.63	480.24	489.89	481.59	1.60	ppb
Strontium	86-1	0.76	0.95	0.73	0.81	14.42	ppb
Strontium	88-1	0.93	0.91	0.97	0.94	3.34	ppb
Sulfur	34-1	81.96	293.45	-150.70	74.90	296.59	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.04	0.93	0.88	0.95	8.49	ppb
Thallium	205-1	0.89	0.88	0.93	0.90	2.88	ppb
Tin	118-1	4.53	4.73	4.54	4.60	2.47	ppb
Titanium	47-1	4.54	3.64	5.01	4.40	15.90	ppb
Uranium	238-1	0.86	0.87	0.83	0.85	2.11	ppb
Vanadium	51-2	4.39	4.86	4.62	4.62	5.13	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.33	2.39	2.18	2.30	4.70	ppb
Zirconium	90-1	0.87	0.89	0.83	0.86	3.40	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:06:05	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.93	0.60	1.01	0.85	25.55	ppb

LB Number : LB90717 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-09 16:09:56 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	980.33	997.17	1016.77	998.09	1.83	ppb
Antimony	121-1	48.05	49.53	50.43	49.33	2.44	ppb
Arsenic	75-2	50.09	48.79	52.25	50.38	3.48	ppb
Barium	135-1	245.76	246.40	251.68	247.95	1.31	ppb
Barium	137-1	248.74	248.89	248.88	248.84	0.03	ppb
Beryllium	9-1	49.79	51.36	50.24	50.46	1.60	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	52.47	55.92	51.59	53.32	4.30	ppb
Boron	11-1	49.31	50.76	50.96	50.34	1.78	ppb
Cadmium	111-1	51.27	50.73	51.28	51.09	0.62	ppb
Cadmium	106-1	46.26	49.99	48.32	48.19	3.88	ppb
Cadmium	108-1	50.54	47.57	50.36	49.49	3.36	ppb
Calcium	43-1	4956.27	5027.05	5025.59	5002.97	0.81	ppb
Calcium	44-1	4903.68	4961.94	4912.94	4926.19	0.64	ppb
Chromium	52-2	52.66	53.77	52.55	52.99	1.27	ppb
Cobalt	59-2	54.17	54.88	53.91	54.32	0.92	ppb
Copper	63-2	110.79	112.17	108.86	110.61	1.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2746.03	2796.84	2749.47	2764.11	1.03	ppb
Iron	57-2	2713.30	2765.77	2739.62	2739.56	0.96	ppb
Lead	206-1	50.92	50.13	50.11	50.38	0.91	ppb
Lead	207-1	50.15	49.29	49.44	49.63	0.93	ppb
Lead	208-1	50.18	49.80	49.86	49.94	0.41	ppb
Lithium	6-1						%
Magnesium	24-2	5353.13	5385.71	5394.09	5377.64	0.40	ppb
Manganese	55-2	102.29	106.05	104.43	104.26	1.81	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:09:56	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	49.20	49.82	49.16	49.39	0.75	ppb
Molybdenum	95-1	49.93	51.15	49.87	50.32	1.43	ppb
Molybdenum	96-1	49.84	50.49	51.58	50.63	1.74	ppb
Molybdenum	97-1	48.55	50.53	50.01	49.69	2.07	ppb
Molybdenum	98-1	49.96	50.16	51.04	50.39	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.59	56.36	55.48	55.81	0.85	ppb
Phosphorus	31-2	1020.28	1196.08	956.98	1057.78	11.71	ppb
Potassium	39-2	2509.26	2565.84	2500.74	2525.28	1.40	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	45.16	55.70	49.39	50.08	10.59	ppb
Selenium	78-2	51.99	51.31	46.59	49.96	5.89	ppb
Selenium	82-1	49.79	53.66	47.89	50.45	5.83	ppb
Silicon	28-1	50.42	50.16	50.27	50.29	0.26	ppb
Silver	109-1	51.67	51.20	51.85	51.58	0.65	ppb
Silver	107-1	51.62	51.70	52.84	52.06	1.31	ppb
Sodium	23-2	5368.36	5445.08	5377.35	5396.93	0.78	ppb
Strontium	86-1	50.52	53.08	50.58	51.39	2.85	ppb
Strontium	88-1	50.79	50.15	50.18	50.37	0.72	ppb
Sulfur	34-1	1179.68	879.52	501.13	853.44	39.84	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	49.51	49.57	50.58	49.89	1.20	ppb
Thallium	205-1	49.92	49.55	50.06	49.84	0.53	ppb
Tin	118-1	49.78	50.01	51.46	50.42	1.81	ppb
Titanium	47-1	50.70	49.09	49.59	49.79	1.66	ppb
Uranium	238-1	48.85	47.61	48.75	48.40	1.43	ppb
Vanadium	51-2	51.57	51.76	52.19	51.84	0.61	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	109.91	110.54	106.54	109.00	1.97	ppb
Zirconium	90-1	50.18	49.80	50.57	50.18	0.77	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:09:56	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	48.82	51.50	48.50	49.61	3.32	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:13:47	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2540.37	2456.17	2518.36	2504.97	1.74	ppb
Antimony	121-1	122.96	124.44	123.18	123.53	0.65	ppb
Arsenic	75-2	124.30	122.81	123.43	123.52	0.61	ppb
Barium	135-1	610.00	627.81	614.05	617.29	1.51	ppb
Barium	137-1	619.10	621.39	613.86	618.11	0.62	ppb
Beryllium	9-1	127.11	125.66	124.61	125.79	1.00	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	113.74	130.63	134.16	126.17	8.65	ppb
Boron	11-1	121.93	123.26	120.00	121.73	1.35	ppb
Cadmium	111-1	127.25	127.96	126.25	127.15	0.67	ppb
Cadmium	106-1	126.61	136.66	115.79	126.35	8.26	ppb
Cadmium	108-1	126.93	126.75	129.45	127.71	1.18	ppb
Calcium	43-1	12490.03	11865.67	12416.25	12257.32	2.78	ppb
Calcium	44-1	12249.06	12020.95	12180.18	12150.07	0.96	ppb
Chromium	52-2	130.26	130.70	132.10	131.02	0.74	ppb
Cobalt	59-2	132.56	131.48	134.06	132.70	0.98	ppb
Copper	63-2	270.71	269.16	275.04	271.64	1.12	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	6762.90	6759.62	6872.16	6798.23	0.94	ppb
Iron	57-2	6723.16	6739.98	6894.44	6785.86	1.39	ppb
Lead	206-1	124.17	123.90	123.20	123.76	0.41	ppb
Lead	207-1	125.02	124.84	124.16	124.67	0.37	ppb
Lead	208-1	124.69	124.40	123.43	124.17	0.53	ppb
Lithium	6-1						%
Magnesium	24-2	13177.58	13239.36	13267.61	13228.18	0.35	ppb
Manganese	55-2	261.23	258.94	263.22	261.13	0.82	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:13:47	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	125.98	125.28	123.91	125.06	0.84	ppb
Molybdenum	95-1	124.49	126.46	121.94	124.30	1.83	ppb
Molybdenum	96-1	124.83	125.80	124.21	124.95	0.64	ppb
Molybdenum	97-1	129.10	126.18	124.36	126.55	1.89	ppb
Molybdenum	98-1	125.04	125.27	125.61	125.31	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.58	134.35	134.39	133.44	1.21	ppb
Phosphorus	31-2	2681.99	2688.37	2597.64	2656.00	1.91	ppb
Potassium	39-2	6315.67	6216.73	6383.86	6305.42	1.33	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	132.28	135.88	145.15	137.77	4.82	ppb
Selenium	78-2	124.04	126.75	121.39	124.06	2.16	ppb
Selenium	82-1	125.77	127.15	122.49	125.14	1.91	ppb
Silicon	28-1	128.01	127.92	127.40	127.78	0.26	ppb
Silver	109-1	125.61	127.83	127.06	126.83	0.89	ppb
Silver	107-1	125.78	127.81	127.42	127.00	0.85	ppb
Sodium	23-2	13197.63	13319.77	13461.38	13326.26	0.99	ppb
Strontium	86-1	125.80	125.39	121.79	124.33	1.78	ppb
Strontium	88-1	125.49	126.03	125.35	125.62	0.29	ppb
Sulfur	34-1	2304.95	1968.79	2102.44	2125.39	7.96	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	123.24	123.19	123.84	123.42	0.29	ppb
Thallium	205-1	125.22	123.09	123.44	123.92	0.93	ppb
Tin	118-1	122.14	126.90	124.65	124.56	1.91	ppb
Titanium	47-1	129.75	123.79	122.25	125.26	3.16	ppb
Uranium	238-1	120.80	121.47	121.61	121.29	0.36	ppb
Vanadium	51-2	128.83	128.58	129.74	129.05	0.47	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	267.25	266.95	267.67	267.29	0.14	ppb
Zirconium	90-1	125.78	124.14	123.12	124.35	1.08	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:13:47	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	124.62	123.94	123.57	124.04	0.43	ppb

LB Number : LB90717 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-09 16:17:39 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4907.15	4959.25	4863.41	4909.93	0.98	ppb
Antimony	121-1	248.03	250.38	249.39	249.26	0.47	ppb
Arsenic	75-2	247.31	249.72	248.50	248.51	0.48	ppb
Barium	135-1	1253.13	1260.32	1249.62	1254.36	0.43	ppb
Barium	137-1	1243.54	1249.54	1251.04	1248.04	0.32	ppb
Beryllium	9-1	252.07	251.40	252.60	252.02	0.24	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	237.17	242.60	257.50	245.75	4.28	ppb
Boron	11-1	245.36	251.37	246.32	247.69	1.30	ppb
Cadmium	111-1	256.14	256.63	251.93	254.90	1.01	ppb
Cadmium	106-1	258.70	263.05	257.44	259.73	1.13	ppb
Cadmium	108-1	243.03	257.18	246.89	249.03	2.94	ppb
Calcium	43-1	24439.99	24155.70	24513.00	24369.56	0.77	ppb
Calcium	44-1	24241.16	24385.20	24567.88	24398.08	0.67	ppb
Chromium	52-2	258.42	258.61	258.87	258.63	0.09	ppb
Cobalt	59-2	264.49	265.60	261.21	263.77	0.86	ppb
Copper	63-2	533.11	535.03	531.55	533.23	0.33	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	13365.84	13286.99	13255.26	13302.70	0.43	ppb
Iron	57-2	13434.36	13341.17	13375.13	13383.55	0.35	ppb
Lead	206-1	248.03	249.22	248.10	248.45	0.27	ppb
Lead	207-1	247.81	249.63	247.32	248.26	0.49	ppb
Lead	208-1	247.79	248.32	247.94	248.02	0.11	ppb
Lithium	6-1						%
Magnesium	24-2	26003.56	26129.26	26019.23	26050.68	0.26	ppb
Manganese	55-2	515.10	521.32	511.90	516.11	0.93	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:17:39	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	248.55	246.95	250.25	248.58	0.66	ppb
Molybdenum	95-1	247.28	247.01	250.24	248.18	0.72	ppb
Molybdenum	96-1	245.65	247.06	250.49	247.73	1.00	ppb
Molybdenum	97-1	245.62	248.49	247.71	247.27	0.60	ppb
Molybdenum	98-1	248.06	248.05	249.15	248.42	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	263.40	264.07	264.63	264.03	0.23	ppb
Phosphorus	31-2	4951.26	5030.90	5215.35	5065.84	2.67	ppb
Potassium	39-2	12322.21	12458.53	12404.86	12395.20	0.55	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	276.82	262.62	216.84	252.09	12.43	ppb
Selenium	78-2	259.74	246.57	258.95	255.08	2.90	ppb
Selenium	82-1	253.97	247.91	261.09	254.33	2.59	ppb
Silicon	28-1	257.36	258.58	263.00	259.65	1.14	ppb
Silver	109-1	255.64	255.47	256.46	255.86	0.21	ppb
Silver	107-1	254.41	255.12	256.59	255.37	0.44	ppb
Sodium	23-2	26356.52	26289.31	26104.14	26249.99	0.50	ppb
Strontium	86-1	251.01	248.04	249.37	249.47	0.60	ppb
Strontium	88-1	249.56	249.63	250.20	249.80	0.14	ppb
Sulfur	34-1	4541.60	4371.75	4469.22	4460.85	1.91	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	247.46	246.09	248.90	247.48	0.57	ppb
Thallium	205-1	246.87	245.77	247.41	246.69	0.34	ppb
Tin	118-1	253.58	251.95	253.04	252.86	0.33	ppb
Titanium	47-1	251.01	252.53	243.32	248.95	1.98	ppb
Uranium	238-1	243.28	244.70	244.45	244.15	0.31	ppb
Vanadium	51-2	253.93	255.90	255.13	254.99	0.39	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	524.50	530.43	533.51	529.48	0.86	ppb
Zirconium	90-1	249.65	249.07	250.98	249.90	0.39	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:17:39	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	247.87	245.04	248.54	247.15	0.75	ppb

LB Number : LB90717 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-09 16:21:28 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9664.66	9869.71	9826.80	9787.06	1.11	ppb
Antimony	121-1	500.86	496.78	497.71	498.45	0.43	ppb
Arsenic	75-2	503.28	500.54	499.91	501.24	0.36	ppb
Barium	135-1	2513.90	2504.94	2477.95	2498.93	0.75	ppb
Barium	137-1	2488.08	2498.90	2470.26	2485.75	0.58	ppb
Beryllium	9-1	506.60	505.40	506.51	506.17	0.13	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	495.07	517.18	509.57	507.27	2.21	ppb
Boron	11-1	506.26	499.36	497.40	501.00	0.93	ppb
Cadmium	111-1	501.75	498.01	499.37	499.71	0.38	ppb
Cadmium	106-1	493.34	487.45	502.87	494.56	1.57	ppb
Cadmium	108-1	499.74	509.01	510.46	506.40	1.15	ppb
Calcium	43-1	48624.02	47864.16	48781.08	48423.09	1.01	ppb
Calcium	44-1	48816.89	48507.48	48120.36	48481.57	0.72	ppb
Chromium	52-2	516.46	515.00	511.49	514.32	0.50	ppb
Cobalt	59-2	514.68	523.41	512.25	516.78	1.14	ppb
Copper	63-2	1034.56	1049.19	1029.09	1037.62	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26259.89	26541.59	25988.29	26263.26	1.05	ppb
Iron	57-2	26325.61	26817.95	26225.74	26456.43	1.20	ppb
Lead	206-1	501.58	495.29	498.29	498.39	0.63	ppb
Lead	207-1	497.62	497.84	495.76	497.08	0.23	ppb
Lead	208-1	498.73	496.43	496.63	497.26	0.26	ppb
Lithium	6-1						%
Magnesium	24-2	51155.95	52005.42	51023.34	51394.90	1.04	ppb
Manganese	55-2	1017.98	1026.11	1017.04	1020.38	0.49	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:21:28	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	502.86	503.99	494.25	500.37	1.06	ppb
Molybdenum	95-1	502.88	505.34	497.51	501.91	0.80	ppb
Molybdenum	96-1	501.50	501.62	493.58	498.90	0.92	ppb
Molybdenum	97-1	498.09	501.29	496.91	498.76	0.45	ppb
Molybdenum	98-1	499.84	502.21	497.69	499.91	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.49	520.09	515.12	518.23	0.52	ppb
Phosphorus	31-2	10032.00	10213.81	10347.25	10197.69	1.55	ppb
Potassium	39-2	24606.83	24999.16	24649.45	24751.82	0.87	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	511.70	502.71	494.74	503.05	1.69	ppb
Selenium	78-2	492.08	495.18	506.65	497.97	1.54	ppb
Selenium	82-1	516.69	507.75	490.85	505.10	2.60	ppb
Silicon	28-1	529.15	515.34	517.92	520.80	1.41	ppb
Silver	109-1	503.22	505.15	503.07	503.81	0.23	ppb
Silver	107-1	506.46	504.37	502.10	504.31	0.43	ppb
Sodium	23-2	51498.69	52411.13	51163.24	51691.02	1.25	ppb
Strontium	86-1	503.27	496.25	497.46	498.99	0.75	ppb
Strontium	88-1	503.28	501.94	494.75	499.99	0.92	ppb
Sulfur	34-1	10016.88	9281.79	9071.17	9456.61	5.25	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	497.74	498.11	500.83	498.89	0.34	ppb
Thallium	205-1	497.50	492.71	501.15	497.12	0.85	ppb
Tin	118-1	503.29	498.34	502.05	501.23	0.51	ppb
Titanium	47-1	500.60	493.31	496.60	496.84	0.73	ppb
Uranium	238-1	498.06	495.93	499.64	497.88	0.37	ppb
Vanadium	51-2	509.50	517.56	504.06	510.37	1.33	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1033.89	1036.98	1019.23	1030.03	0.92	ppb
Zirconium	90-1	501.88	499.55	497.49	499.64	0.44	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:21:28	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	505.10	500.98	498.43	501.50	0.67	ppb

LB Number : LB90717 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-09 16:25:16 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19263.41	19439.31	19109.20	19270.64	0.86	ppb
Antimony	121-1	997.80	1002.32	1003.41	1001.18	0.30	ppb
Arsenic	75-2	991.75	1008.19	999.81	999.92	0.82	ppb
Barium	135-1	4978.39	5003.57	5019.58	5000.51	0.42	ppb
Barium	137-1	4998.08	5003.46	5024.07	5008.54	0.27	ppb
Beryllium	9-1	996.39	1000.45	992.03	996.29	0.42	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1003.83	996.04	991.78	997.21	0.61	ppb
Boron	11-1	999.79	1008.40	993.54	1000.58	0.75	ppb
Cadmium	111-1	996.28	1000.33	999.18	998.60	0.21	ppb
Cadmium	106-1	982.73	1020.09	997.81	1000.21	1.88	ppb
Cadmium	108-1	982.60	995.45	1012.14	996.73	1.49	ppb
Calcium	43-1	96762.28	96344.22	97796.74	96967.75	0.77	ppb
Calcium	44-1	97513.98	95636.24	96573.58	96574.60	0.97	ppb
Chromium	52-2	987.70	991.76	989.88	989.78	0.21	ppb
Cobalt	59-2	988.52	991.86	980.59	986.99	0.59	ppb
Copper	63-2	1969.92	1980.60	1958.43	1969.65	0.56	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	51050.46	50838.14	51018.87	50969.16	0.22	ppb
Iron	57-2	51196.25	51456.17	50680.35	51110.92	0.77	ppb
Lead	206-1	1001.07	998.45	1004.48	1001.33	0.30	ppb
Lead	207-1	1003.27	1001.60	1001.01	1001.96	0.12	ppb
Lead	208-1	1003.94	998.32	1003.66	1001.97	0.32	ppb
Lithium	6-1						%
Magnesium	24-2	100176.09	100030.04	100019.55	100075.23	0.09	ppb
Manganese	55-2	1990.13	1986.72	1975.69	1984.18	0.38	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:25:16	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1001.91	1005.33	993.39	1000.21	0.62	ppb
Molybdenum	95-1	1002.26	1004.53	991.93	999.57	0.67	ppb
Molybdenum	96-1	999.60	1006.81	996.89	1001.10	0.51	ppb
Molybdenum	97-1	1000.20	1006.85	996.32	1001.13	0.53	ppb
Molybdenum	98-1	1001.56	999.91	999.68	1000.38	0.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	984.52	984.90	988.67	986.03	0.23	ppb
Phosphorus	31-2	20294.65	19744.64	19547.64	19862.31	1.95	ppb
Potassium	39-2	48346.94	48528.55	48257.92	48377.80	0.29	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	993.70	986.37	1008.98	996.35	1.16	ppb
Selenium	78-2	1001.91	1007.27	990.43	999.87	0.86	ppb
Selenium	82-1	991.09	999.12	998.78	996.33	0.46	ppb
Silicon	28-1	983.45	977.91	999.04	986.80	1.11	ppb
Silver	109-1	993.47	993.20	1002.30	996.32	0.52	ppb
Silver	107-1	998.05	992.63	997.77	996.15	0.31	ppb
Sodium	23-2	100881.97	100928.04	100580.07	100796.69	0.19	ppb
Strontium	86-1	993.61	1004.04	1004.30	1000.65	0.61	ppb
Strontium	88-1	1000.17	1001.96	997.74	999.96	0.21	ppb
Sulfur	34-1	20478.37	20395.84	20507.70	20460.64	0.28	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1004.52	995.30	1004.34	1001.39	0.53	ppb
Thallium	205-1	1000.68	1003.62	1002.94	1002.41	0.15	ppb
Tin	118-1	996.63	998.05	1001.45	998.71	0.25	ppb
Titanium	47-1	1001.69	1005.29	998.50	1001.82	0.34	ppb
Uranium	238-1	993.02	1012.13	1004.06	1003.07	0.96	ppb
Vanadium	51-2	992.32	998.93	987.66	992.97	0.57	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1966.56	1973.92	1984.52	1975.00	0.46	ppb
Zirconium	90-1	1005.19	998.80	996.84	1000.28	0.44	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:25:16	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	999.87	1003.09	997.34	1000.10	0.29	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:28:59	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101213.57	99248.23	100052.89	100171.56	0.99	ppb
Antimony	121-1	2.91	2.67	2.73	2.77	4.56	ppb
Arsenic	75-2	0.50	0.71	0.53	0.58	19.19	ppb
Barium	135-1	1.99	1.47	1.71	1.72	15.08	ppb
Barium	137-1	1.47	1.56	1.26	1.43	10.86	ppb
Beryllium	9-1	0.15	0.15	0.11	0.13	18.36	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	20.71	17.09	14.69	17.50	17.30	ppb
Boron	11-1	18.40	17.05	15.35	16.94	9.01	ppb
Cadmium	111-1	0.01	0.12	-0.01	0.04	173.06	ppb
Cadmium	106-1	-0.45	0.88	-1.76	-0.45		ppb
Cadmium	108-1	0.45	0.15	0.00	0.20	114.48	ppb
Calcium	43-1	503975.75	497331.02	501098.49	500801.75	0.67	ppb
Calcium	44-1	498811.92	505425.16	498392.62	500876.57	0.79	ppb
Chromium	52-2	14.46	13.90	14.74	14.36	2.98	ppb
Cobalt	59-2	1.23	1.14	1.27	1.21	5.74	ppb
Copper	63-2	2.39	2.39	2.37	2.38	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	252320.15	247382.83	249167.11	249623.36	1.00	ppb
Iron	57-2	251884.49	247248.39	249583.72	249572.20	0.93	ppb
Lead	206-1	1.07	1.18	1.20	1.15	6.16	ppb
Lead	207-1	1.19	1.19	1.09	1.16	5.10	ppb
Lead	208-1	1.17	1.16	1.20	1.18	1.71	ppb
Lithium	6-1						%
Magnesium	24-2	507297.22	494125.02	497890.66	499770.96	1.36	ppb
Manganese	55-2	8.71	8.79	8.74	8.75	0.42	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:28:59	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.21	1.12	1.06	1.13	6.60	ppb
Molybdenum	95-1	3.15	3.07	3.19	3.14	2.05	ppb
Molybdenum	96-1	3.41	3.12	3.21	3.25	4.56	ppb
Molybdenum	97-1	2.57	2.93	2.79	2.76	6.66	ppb
Molybdenum	98-1	3.05	3.39	2.81	3.09	9.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.57	9.57	10.01	9.72	2.62	ppb
Phosphorus	31-2	-2.74	-6.77	4.67	-1.61		ppb
Potassium	39-2	252665.14	248565.33	249828.40	250352.96	0.84	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.00	0.00	0.00	0.33	173.21	ppb
Selenium	78-2	4.84	6.37	4.16	5.12	22.08	ppb
Selenium	82-1	-1.37	0.89	0.40	-0.03		ppb
Silicon	28-1	31.53	32.38	31.72	31.88	1.39	ppb
Silver	109-1	0.13	0.14	0.18	0.15	18.63	ppb
Silver	107-1	0.17	0.16	0.12	0.15	17.45	ppb
Sodium	23-2	507101.42	493938.18	497713.76	499584.45	1.36	ppb
Strontium	86-1	35.39	35.95	36.42	35.92	1.44	ppb
Strontium	88-1	35.14	35.33	35.22	35.23	0.27	ppb
Sulfur	34-1	-72.35	-31.28	25.66	-25.99		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.51	0.43	0.51	0.48	9.58	ppb
Thallium	205-1	0.50	0.55	0.44	0.49	11.14	ppb
Tin	118-1	1.39	1.45	1.25	1.36	7.53	ppb
Titanium	47-1	1.18	0.93	0.89	1.00	15.72	ppb
Uranium	238-1	0.11	0.11	0.08	0.10	16.01	ppb
Vanadium	51-2	0.26	0.18	0.23	0.22	16.34	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.00	4.13	4.20	4.11	2.41	ppb
Zirconium	90-1	0.24	0.17	0.15	0.19	25.85	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:28:59	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.28	0.38	0.18	0.28	35.92	ppb

LB Number : LB90717 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-09 16:52:57 DataFile Name : 012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	501.46	494.46	505.75	500.56	1.14	ppb
Antimony	121-1	193.53	196.56	196.50	195.53	0.89	ppb
Arsenic	75-2	192.28	193.64	195.15	193.69	0.74	ppb
Barium	135-1	97.34	99.47	100.34	99.05	1.56	ppb
Barium	137-1	98.36	100.74	100.19	99.76	1.25	ppb
Beryllium	9-1	95.37	96.53	96.77	96.22	0.78	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	503.99	473.31	497.86	491.72	3.30	ppb
Boron	11-1	480.22	482.14	497.63	486.67	1.96	ppb
Cadmium	111-1	104.29	107.11	102.32	104.57	2.30	ppb
Cadmium	106-1	154.12	158.77	154.19	155.69	1.71	ppb
Cadmium	108-1	137.61	143.67	136.05	139.11	2.89	ppb
Calcium	43-1	2363.67	2406.33	2230.34	2333.45	3.93	ppb
Calcium	44-1	2133.77	2130.06	2117.68	2127.17	0.40	ppb
Chromium	52-2	99.14	97.02	96.71	97.62	1.35	ppb
Cobalt	59-2	103.85	102.33	102.18	102.79	0.90	ppb
Copper	63-2	105.40	104.02	102.96	104.13	1.17	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	1041.11	1035.43	1025.61	1034.05	0.76	ppb
Iron	57-2	1045.60	1044.04	1005.63	1031.76	2.19	ppb
Lead	206-1	193.18	196.87	196.70	195.59	1.06	ppb
Lead	207-1	188.26	190.28	191.45	190.00	0.85	ppb
Lead	208-1	191.79	193.12	194.16	193.02	0.61	ppb
Lithium	6-1						%
Magnesium	24-2	1234.86	1219.22	1173.56	1209.21	2.63	ppb
Manganese	55-2	100.69	98.74	98.78	99.41	1.12	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:52:57	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	486.18	492.37	489.99	489.51	0.64	ppb
Molybdenum	95-1	490.25	496.64	494.32	493.74	0.65	ppb
Molybdenum	96-1	485.57	492.30	496.78	491.55	1.15	ppb
Molybdenum	97-1	487.31	487.61	500.43	491.78	1.52	ppb
Molybdenum	98-1	489.40	491.25	501.78	494.14	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.43	105.50	105.29	104.41	1.64	ppb
Phosphorus	31-2	9.74	13.58	13.30	12.21	17.53	ppb
Potassium	39-2	2007.80	1936.56	1948.42	1964.26	1.94	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	211.01	189.11	207.22	202.44	5.78	ppb
Selenium	78-2	210.63	205.65	183.28	199.85	7.29	ppb
Selenium	82-1	200.15	198.28	198.91	199.11	0.48	ppb
Silicon	28-1	455.61	456.91	456.96	456.50	0.17	ppb
Silver	109-1	102.60	103.15	104.29	103.34	0.84	ppb
Silver	107-1	102.57	103.79	102.32	102.89	0.77	ppb
Sodium	23-2	2066.91	2055.22	2020.49	2047.54	1.18	ppb
Strontium	86-1	495.13	491.92	500.22	495.76	0.84	ppb
Strontium	88-1	486.42	488.79	495.03	490.08	0.91	ppb
Sulfur	34-1	-722.62	-952.56	-858.22	-844.47		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	196.57	195.95	198.07	196.86	0.55	ppb
Thallium	205-1	195.95	197.47	198.52	197.31	0.66	ppb
Tin	118-1	508.01	509.78	515.87	511.22	0.81	ppb
Titanium	47-1	495.57	497.90	496.03	496.50	0.25	ppb
Uranium	238-1	510.88	511.44	510.32	510.88	0.11	ppb
Vanadium	51-2	99.17	97.17	96.84	97.72	1.29	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	205.01	207.35	200.94	204.43	1.59	ppb
Zirconium	90-1	482.50	491.16	483.75	485.80	0.96	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:52:57	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	477.92	490.76	486.49	485.06	1.35	ppb

LB Number : LB90717 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-09 16:56:29 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.74	-0.14	0.73	0.44	113.42	ppb
Antimony	121-1	0.95	0.88	0.86	0.90	5.44	ppb
Arsenic	75-2	0.09	0.11	0.17	0.12	33.29	ppb
Barium	135-1	0.14	-0.02	0.07	0.06	130.50	ppb
Barium	137-1	0.03	-0.01	0.00	0.00	412.86	ppb
Beryllium	9-1	0.04	0.02	0.06	0.04	55.46	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.12	7.98	6.64	7.58	10.73	ppb
Boron	11-1	9.11	7.61	7.47	8.06	11.30	ppb
Cadmium	111-1	0.06	0.03	-0.18	-0.03		ppb
Cadmium	106-1	0.62	0.47	-3.05	-0.65		ppb
Cadmium	108-1	0.14	0.14	0.00	0.10	86.60	ppb
Calcium	43-1	19.07	11.10	29.41	19.86	46.22	ppb
Calcium	44-1	4.31	7.06	14.09	8.48	59.46	ppb
Chromium	52-2	-0.03	0.01	0.04	0.01	512.63	ppb
Cobalt	59-2	0.00	-0.01	-0.02	-0.01		ppb
Copper	63-2	-0.01	0.06	-0.01	0.01	407.11	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	1.27	1.51	1.35	1.38	9.11	ppb
Iron	57-2	3.81	0.27	0.29	1.46	139.97	ppb
Lead	206-1	0.06	0.02	0.07	0.05	50.70	ppb
Lead	207-1	0.09	0.02	0.00	0.04	117.12	ppb
Lead	208-1	0.07	0.06	0.07	0.06	10.04	ppb
Lithium	6-1						%
Magnesium	24-2	2.23	2.04	2.21	2.16	4.91	ppb
Manganese	55-2	0.01	-0.02	0.00	0.00		ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:56:29	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.21	0.17	0.15	0.17	18.36	ppb
Molybdenum	95-1	0.36	0.50	0.50	0.46	17.31	ppb
Molybdenum	96-1	0.51	0.46	0.39	0.45	13.25	ppb
Molybdenum	97-1	0.45	0.55	0.57	0.52	11.91	ppb
Molybdenum	98-1	0.50	0.46	0.30	0.42	25.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.04	0.00	0.02	109.79	ppb
Phosphorus	31-2	-2.03	9.64	1.84	3.15	188.63	ppb
Potassium	39-2	14.19	13.16	12.63	13.32	5.97	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.01	0.00	1.01	0.67	86.60	ppb
Selenium	78-2	0.05	0.38	-1.31	-0.29		ppb
Selenium	82-1	-0.77	1.24	-1.33	-0.28		ppb
Silicon	28-1	-1.38	-0.60	-0.92	-0.97		ppb
Silver	109-1	0.01	0.01	0.02	0.01	30.20	ppb
Silver	107-1	0.01	0.02	0.01	0.01	15.72	ppb
Sodium	23-2	62.03	62.31	58.90	61.08	3.10	ppb
Strontium	86-1	0.08	0.08	0.12	0.09	25.25	ppb
Strontium	88-1	0.03	0.02	0.00	0.02	78.58	ppb
Sulfur	34-1	-747.97	-1055.87	-883.85	-895.90		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.04	0.09	0.05	63.21	ppb
Thallium	205-1	0.06	0.08	0.07	0.07	10.72	ppb
Tin	118-1	0.39	0.38	0.38	0.38	1.64	ppb
Titanium	47-1	0.12	0.04	0.12	0.09	50.23	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	5.86	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	136.12	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.09	0.12	0.57	0.26	102.95	ppb
Zirconium	90-1	0.06	0.07	0.07	0.07	12.89	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:56:29	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.00	0.05	0.04	85.55	ppb

LB Number : LB90717 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-09 17:00:01 DataFile Name : 014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90953.78	90421.12	91018.24	90797.71	0.36	ppb
Antimony	121-1	1.49	1.49	1.49	1.49	0.23	ppb
Arsenic	75-2	0.47	0.46	0.31	0.41	21.67	ppb
Barium	135-1	1.77	1.42	1.23	1.47	18.40	ppb
Barium	137-1	1.63	1.42	1.38	1.48	8.95	ppb
Beryllium	9-1	0.30	0.32	0.33	0.32	4.94	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.14	4.52	4.70	5.12	17.36	ppb
Boron	11-1	5.94	5.27	4.67	5.29	12.03	ppb
Cadmium	111-1	0.51	-0.05	0.48	0.31	99.96	ppb
Cadmium	106-1	-0.10	-2.72	-1.26	-1.36		ppb
Cadmium	108-1	15.80	18.44	13.91	16.05	14.19	ppb
Calcium	43-1	95376.10	95421.10	96082.53	95626.58	0.41	ppb
Calcium	44-1	95242.51	94799.92	96390.85	95477.76	0.86	ppb
Chromium	52-2	19.56	20.46	20.02	20.01	2.26	ppb
Cobalt	59-2	1.21	1.23	1.11	1.18	5.65	ppb
Copper	63-2	8.01	8.16	8.44	8.20	2.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	101974.87	101431.42	102024.33	101810.21	0.32	ppb
Iron	57-2	101268.05	101090.26	101997.91	101452.07	0.47	ppb
Lead	206-1	4.86	4.96	4.88	4.90	1.09	ppb
Lead	207-1	4.49	4.52	4.47	4.50	0.54	ppb
Lead	208-1	4.63	4.74	4.56	4.64	1.87	ppb
Lithium	6-1						%
Magnesium	24-2	100147.82	98785.19	99996.92	99643.31	0.75	ppb
Manganese	55-2	8.09	8.35	7.99	8.15	2.27	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:00:01	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	609.52	609.96	613.45	610.97	0.35	ppb
Molybdenum	95-1	1925.30	1925.57	1928.33	1926.40	0.09	ppb
Molybdenum	96-1	1602.32	1597.57	1625.27	1608.38	0.92	ppb
Molybdenum	97-1	1893.97	1911.57	1916.16	1907.23	0.61	ppb
Molybdenum	98-1	1918.48	1913.90	1933.62	1922.00	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.34	5.52	5.44	5.43	1.70	ppb
Phosphorus	31-2	99911.58	98392.37	100419.71	99574.55	1.06	ppb
Potassium	39-2	96412.94	95363.09	96777.52	96184.52	0.76	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.12	0.00	0.00	0.71	173.21	ppb
Selenium	78-2	-0.67	1.55	-1.50	-0.21		ppb
Selenium	82-1	-1.17	-0.30	-0.58	-0.68		ppb
Silicon	28-1	17.03	16.77	16.95	16.92	0.78	ppb
Silver	109-1	0.07	0.08	0.14	0.10	36.35	ppb
Silver	107-1	0.09	0.14	0.10	0.11	23.21	ppb
Sodium	23-2	99617.86	98879.40	100455.61	99650.96	0.79	ppb
Strontium	86-1	33.74	31.54	33.16	32.81	3.47	ppb
Strontium	88-1	33.38	33.45	33.09	33.31	0.57	ppb
Sulfur	34-1	107179.62	108142.19	107424.45	107582.09	0.47	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.13	0.14	0.15	0.14	8.35	ppb
Thallium	205-1	0.14	0.14	0.15	0.14	4.15	ppb
Tin	118-1	0.31	0.39	0.24	0.31	22.74	ppb
Titanium	47-1	1947.36	1959.94	1979.34	1962.21	0.82	ppb
Uranium	238-1	0.04	0.05	0.03	0.04	19.91	ppb
Vanadium	51-2	0.14	0.19	0.16	0.17	14.22	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	12.53	11.49	13.34	12.45	7.47	ppb
Zirconium	90-1	0.24	0.24	0.15	0.21	24.73	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:00:01	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.35	0.22	0.18	0.25	34.64	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:03:31	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90821.55	91240.64	90460.37	90840.86	0.43	ppb
Antimony	121-1	21.30	20.46	21.44	21.07	2.51	ppb
Arsenic	75-2	19.11	20.62	20.09	19.94	3.85	ppb
Barium	135-1	21.61	22.07	20.81	21.50	2.96	ppb
Barium	137-1	22.17	21.34	21.61	21.71	1.93	ppb
Beryllium	9-1	20.27	20.24	19.54	20.02	2.06	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	61.93	60.38	63.92	62.08	2.85	ppb
Boron	11-1	63.11	64.57	63.66	63.78	1.16	ppb
Cadmium	111-1	19.85	20.66	20.53	20.35	2.15	ppb
Cadmium	106-1	22.74	21.08	19.08	20.97	8.75	ppb
Cadmium	108-1	37.23	31.72	34.29	34.41	8.02	ppb
Calcium	43-1	96007.03	96082.34	96226.83	96105.40	0.12	ppb
Calcium	44-1	95449.63	96474.26	94247.76	95390.55	1.17	ppb
Chromium	52-2	40.60	40.71	40.15	40.49	0.73	ppb
Cobalt	59-2	21.39	21.99	22.04	21.81	1.66	ppb
Copper	63-2	29.41	28.40	29.50	29.10	2.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	102066.06	102371.28	102232.12	102223.15	0.15	ppb
Iron	57-2	101884.15	101777.99	101944.70	101868.95	0.08	ppb
Lead	206-1	25.52	25.61	25.29	25.47	0.65	ppb
Lead	207-1	23.46	23.54	23.59	23.53	0.28	ppb
Lead	208-1	24.47	24.39	24.15	24.34	0.69	ppb
Lithium	6-1						%
Magnesium	24-2	100654.07	99872.64	99572.43	100033.05	0.56	ppb
Manganese	55-2	28.45	28.19	28.52	28.39	0.60	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:03:31	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	666.62	673.36	673.52	671.16	0.59	ppb
Molybdenum	95-1	1984.16	1994.74	1993.62	1990.84	0.29	ppb
Molybdenum	96-1	1657.90	1675.47	1674.72	1669.36	0.59	ppb
Molybdenum	97-1	1962.51	1985.32	1971.11	1972.98	0.58	ppb
Molybdenum	98-1	1989.91	1987.38	1977.56	1984.95	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.58	25.57	25.43	25.86	2.43	ppb
Phosphorus	31-2	101020.43	100024.31	99230.28	100091.67	0.90	ppb
Potassium	39-2	98148.06	96800.02	96230.74	97059.61	1.01	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	22.43	25.60	23.38	23.80	6.83	ppb
Selenium	78-2	20.46	20.07	15.74	18.76	13.96	ppb
Selenium	82-1	18.46	20.68	19.86	19.66	5.72	ppb
Silicon	28-1	75.77	74.23	76.48	75.50	1.53	ppb
Silver	109-1	19.39	18.73	19.36	19.16	1.95	ppb
Silver	107-1	19.15	19.28	19.27	19.23	0.38	ppb
Sodium	23-2	100344.21	99554.92	99282.75	99727.29	0.55	ppb
Strontium	86-1	94.28	91.45	95.91	93.88	2.40	ppb
Strontium	88-1	93.55	93.29	93.94	93.59	0.35	ppb
Sulfur	34-1	108346.36	108017.77	107939.11	108101.08	0.20	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	20.88	20.56	20.83	20.76	0.82	ppb
Thallium	205-1	20.47	21.04	20.48	20.66	1.57	ppb
Tin	118-1	61.29	60.92	61.89	61.37	0.80	ppb
Titanium	47-1	2014.93	2022.41	2006.10	2014.48	0.41	ppb
Uranium	238-1	61.12	61.43	61.43	61.33	0.29	ppb
Vanadium	51-2	19.81	19.70	20.55	20.02	2.31	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	33.23	33.08	32.62	32.98	0.97	ppb
Zirconium	90-1	60.48	60.08	60.61	60.39	0.46	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:03:31	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	58.46	61.34	62.31	60.70	3.30	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P7
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:07:00	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50724.89	50416.82	50907.37	50683.03	0.49	ppb
Antimony	121-1	511.50	506.80	510.52	509.61	0.49	ppb
Arsenic	75-2	499.62	496.43	494.09	496.71	0.56	ppb
Barium	135-1	2588.21	2572.79	2572.58	2577.86	0.35	ppb
Barium	137-1	2571.21	2571.18	2561.07	2567.82	0.23	ppb
Beryllium	9-1	505.92	505.15	504.76	505.28	0.12	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	507.79	514.52	505.50	509.27	0.92	ppb
Boron	11-1	502.91	507.71	507.60	506.07	0.54	ppb
Cadmium	111-1	502.91	500.62	499.30	500.94	0.36	ppb
Cadmium	106-1	542.22	504.75	514.26	520.41	3.74	ppb
Cadmium	108-1	527.47	501.09	507.13	511.90	2.70	ppb
Calcium	43-1	237948.97	241316.03	240461.12	239908.71	0.73	ppb
Calcium	44-1	236268.73	242078.28	240592.06	239646.36	1.26	ppb
Chromium	52-2	515.25	508.75	508.37	510.79	0.76	ppb
Cobalt	59-2	497.42	497.11	494.58	496.37	0.31	ppb
Copper	63-2	976.71	972.81	966.28	971.93	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	127330.53	125953.04	125796.92	126360.16	0.67	ppb
Iron	57-2	126663.73	125413.63	125380.81	125819.39	0.58	ppb
Lead	206-1	501.82	503.30	499.74	501.62	0.36	ppb
Lead	207-1	503.48	505.76	500.31	503.18	0.54	ppb
Lead	208-1	503.96	505.10	502.83	503.96	0.22	ppb
Lithium	6-1						%
Magnesium	24-2	254262.06	255175.82	254742.83	254726.90	0.18	ppb
Manganese	55-2	1013.61	1015.28	1006.05	1011.65	0.49	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P7
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:07:00	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	509.65	506.16	509.54	508.45	0.39	ppb
Molybdenum	95-1	508.71	509.17	511.28	509.72	0.27	ppb
Molybdenum	96-1	508.54	501.67	509.85	506.68	0.87	ppb
Molybdenum	97-1	509.34	505.40	508.05	507.60	0.40	ppb
Molybdenum	98-1	511.76	505.12	513.13	510.00	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.91	494.16	487.85	492.30	0.79	ppb
Phosphorus	31-2	10622.19	10422.00	9910.43	10318.21	3.56	ppb
Potassium	39-2	124806.85	125383.00	125323.07	125170.97	0.25	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	507.82	487.03	515.22	503.36	2.90	ppb
Selenium	78-2	510.28	488.16	494.83	497.76	2.28	ppb
Selenium	82-1	493.95	498.03	510.28	500.75	1.70	ppb
Silicon	28-1	535.56	546.29	553.75	545.20	1.68	ppb
Silver	109-1	500.32	501.43	496.84	499.53	0.48	ppb
Silver	107-1	505.84	502.11	496.65	501.53	0.92	ppb
Sodium	23-2	253372.73	253120.10	251902.37	252798.40	0.31	ppb
Strontium	86-1	523.31	515.03	522.37	520.24	0.87	ppb
Strontium	88-1	514.87	511.62	518.35	514.95	0.65	ppb
Sulfur	34-1	10168.51	10370.72	10096.59	10211.94	1.39	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	498.66	503.82	497.70	500.06	0.66	ppb
Thallium	205-1	502.37	505.45	503.61	503.81	0.31	ppb
Tin	118-1	520.55	515.55	506.72	514.27	1.36	ppb
Titanium	47-1	513.61	526.21	514.14	517.99	1.38	ppb
Uranium	238-1	516.17	525.00	518.66	519.94	0.88	ppb
Vanadium	51-2	513.80	509.21	511.30	511.44	0.45	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	967.35	963.90	973.59	968.28	0.51	ppb
Zirconium	90-1	505.19	500.98	505.34	503.84	0.49	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P7
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:07:00	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	504.27	504.95	513.39	507.54	1.00	ppb

LB Number : LB90717 Operator : Jaswal
 Lab Sample ID : CCB68 Instrumnet Name : P7
 Client Sample ID : CCB68 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-09 17:10:29 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.02	4.27	4.58	4.29	6.64	ppb
Antimony	121-1	1.51	1.25	1.25	1.33	11.36	ppb
Arsenic	75-2	0.16	0.14	0.10	0.13	25.50	ppb
Barium	135-1	0.08	0.17	0.17	0.14	39.62	ppb
Barium	137-1	0.16	0.13	0.13	0.14	12.50	ppb
Beryllium	9-1	0.12	0.03	0.05	0.06	71.20	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.74	7.51	6.04	7.43	18.21	ppb
Boron	11-1	8.26	7.98	7.10	7.78	7.75	ppb
Cadmium	111-1	0.24	-0.17	-0.07	0.00	16234.84	ppb
Cadmium	106-1	3.05	-2.69	-1.30	-0.32		ppb
Cadmium	108-1	0.16	0.31	0.16	0.21	42.62	ppb
Calcium	43-1	16.70	20.63	22.92	20.08	15.65	ppb
Calcium	44-1	22.72	19.40	19.41	20.51	9.32	ppb
Chromium	52-2	-0.09	0.00	0.02	-0.02		ppb
Cobalt	59-2	0.00	0.02	0.01	0.01	136.17	ppb
Copper	63-2	0.23	0.16	0.31	0.24	31.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	9.02	8.54	9.31	8.96	4.30	ppb
Iron	57-2	6.41	10.98	10.60	9.33	27.18	ppb
Lead	206-1	0.10	0.13	0.11	0.11	13.99	ppb
Lead	207-1	0.17	0.15	0.11	0.15	19.89	ppb
Lead	208-1	0.16	0.13	0.12	0.14	13.44	ppb
Lithium	6-1						%
Magnesium	24-2	15.40	13.18	12.01	13.53	12.73	ppb
Manganese	55-2	0.06	0.05	-0.01	0.03	109.79	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P7
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:10:29	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.27	0.33	0.36	0.32	15.70	ppb
Molybdenum	95-1	0.76	0.91	0.67	0.78	15.55	ppb
Molybdenum	96-1	0.62	0.74	0.54	0.63	15.73	ppb
Molybdenum	97-1	0.78	0.80	0.98	0.85	12.86	ppb
Molybdenum	98-1	0.75	0.74	0.73	0.74	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	0.02	0.02	24.43	ppb
Phosphorus	31-2	-5.96	-5.87	2.63	-3.07		ppb
Potassium	39-2	80.08	88.27	93.11	87.15	7.56	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	0.58	1.60	0.17	0.78	94.06	ppb
Selenium	82-1	-0.09	0.07	-1.83	-0.61		ppb
Silicon	28-1	1.14	0.73	-0.08	0.60	103.92	ppb
Silver	109-1	0.07	0.07	0.05	0.06	13.03	ppb
Silver	107-1	0.04	0.06	0.03	0.05	33.84	ppb
Sodium	23-2	126.19	122.64	118.76	122.53	3.03	ppb
Strontium	86-1	0.21	-0.09	0.24	0.12	155.96	ppb
Strontium	88-1	0.04	0.03	0.01	0.03	55.63	ppb
Sulfur	34-1	-762.62	-838.58	-682.53	-761.24		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.20	0.17	0.17	0.18	8.50	ppb
Thallium	205-1	0.22	0.16	0.16	0.18	18.88	ppb
Tin	118-1	0.50	0.46	0.34	0.43	18.69	ppb
Titanium	47-1	0.68	0.25	0.21	0.38	68.20	ppb
Uranium	238-1	0.02	0.02	0.03	0.03	15.84	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	196.78	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.62	0.36	0.54	0.50	26.48	ppb
Zirconium	90-1	0.11	0.10	0.13	0.11	15.34	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P7
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:10:29	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.02	0.15	0.09	73.72	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:14:01	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.32	18.83	18.16	19.10	5.79	ppb
Antimony	121-1	2.37	2.45	2.45	2.42	2.00	ppb
Arsenic	75-2	0.98	0.97	0.97	0.97	0.75	ppb
Barium	135-1	8.82	9.36	10.06	9.42	6.61	ppb
Barium	137-1	10.68	9.37	9.30	9.78	7.95	ppb
Beryllium	9-1	0.88	0.90	0.93	0.90	3.04	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	25.84	27.77	23.63	25.75	8.03	ppb
Boron	11-1	25.64	26.65	25.50	25.93	2.43	ppb
Cadmium	111-1	0.73	0.77	1.07	0.86	21.76	ppb
Cadmium	106-1	-2.88	-2.09	2.37	-0.87		ppb
Cadmium	108-1	0.15	0.31	1.56	0.68	113.93	ppb
Calcium	43-1	468.72	493.86	480.52	481.03	2.61	ppb
Calcium	44-1	453.39	455.89	451.56	453.61	0.48	ppb
Chromium	52-2	2.14	1.98	2.01	2.04	4.15	ppb
Cobalt	59-2	0.93	0.92	1.01	0.95	5.25	ppb
Copper	63-2	2.26	2.00	2.21	2.15	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	55.20	53.12	54.19	54.17	1.92	ppb
Iron	57-2	62.47	55.14	48.06	55.23	13.05	ppb
Lead	206-1	1.09	1.03	1.09	1.07	3.07	ppb
Lead	207-1	0.99	0.98	1.06	1.01	4.32	ppb
Lead	208-1	1.00	1.05	1.05	1.03	2.36	ppb
Lithium	6-1						%
Magnesium	24-2	495.29	481.59	471.55	482.81	2.47	ppb
Manganese	55-2	1.10	1.03	0.90	1.01	10.35	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:14:01	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.54	2.15	2.21	2.30	9.04	ppb
Molybdenum	95-1	4.78	4.67	4.48	4.64	3.25	ppb
Molybdenum	96-1	4.02	4.08	4.19	4.10	2.20	ppb
Molybdenum	97-1	4.95	4.82	4.70	4.82	2.60	ppb
Molybdenum	98-1	4.98	4.65	4.87	4.83	3.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.10	0.76	0.96	18.74	ppb
Phosphorus	31-2	10.74	-5.96	6.41	3.73	232.45	ppb
Potassium	39-2	523.40	505.04	511.65	513.36	1.81	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.36	9.55	3.21	6.37	49.77	ppb
Selenium	78-2	2.68	5.16	4.90	4.24	32.08	ppb
Selenium	82-1	4.11	3.54	3.93	3.86	7.56	ppb
Silicon	28-1	12.86	12.53	12.48	12.62	1.63	ppb
Silver	109-1	1.07	0.83	0.95	0.95	12.84	ppb
Silver	107-1	1.05	1.03	1.11	1.06	4.16	ppb
Sodium	23-2	583.92	566.67	579.52	576.70	1.55	ppb
Strontium	86-1	0.68	1.24	0.88	0.93	30.85	ppb
Strontium	88-1	1.00	1.01	0.96	0.99	2.91	ppb
Sulfur	34-1	-352.38	-392.27	-588.72	-444.46		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.02	1.10	0.97	1.03	6.27	ppb
Thallium	205-1	1.03	1.13	1.03	1.07	5.17	ppb
Tin	118-1	4.66	5.34	4.96	4.99	6.82	ppb
Titanium	47-1	4.95	5.20	4.71	4.95	4.98	ppb
Uranium	238-1	0.84	0.87	0.87	0.86	2.18	ppb
Vanadium	51-2	4.34	4.59	4.64	4.52	3.54	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.91	2.52	1.95	2.46	19.69	ppb
Zirconium	90-1	1.10	1.04	0.97	1.04	6.60	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:14:01	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.98	0.95	1.12	1.02	9.06	ppb

LB Number : LB90717 Operator : Jaswal
 Lab Sample ID : PB103079BL Instrumnet Name : P7
 Client Sample ID : PB103079BL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-09 17:47:23 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.37	0.57	0.34	0.43	28.87	ppb
Antimony	121-1	0.06	0.07	0.02	0.05	54.11	ppb
Arsenic	75-2	-0.02	0.00	-0.02	-0.01		ppb
Barium	135-1	0.00	0.00	-0.02	-0.01		ppb
Barium	137-1	0.00	0.00	0.03	0.01	148.63	ppb
Beryllium	9-1	0.00	0.03	0.00	0.01	149.55	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.29	0.60	0.95	0.95	36.14	ppb
Boron	11-1	1.02	1.79	0.84	1.22	41.44	ppb
Cadmium	111-1	-0.02	-0.15	-0.18	-0.12		ppb
Cadmium	106-1	-0.19	-2.06	-2.73	-1.66		ppb
Cadmium	108-1	0.15	0.15	0.30	0.20	43.24	ppb
Calcium	43-1	-0.62	1.61	1.34	0.78	156.51	ppb
Calcium	44-1	-0.58	-2.42	3.30	0.10	2865.32	ppb
Chromium	52-2	-0.15	0.08	-0.03	-0.03		ppb
Cobalt	59-2	-0.01	-0.03	-0.01	-0.02		ppb
Copper	63-2	0.01	0.02	-0.03	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.07	1.00	1.20	1.09	9.54	ppb
Iron	57-2	0.91	3.10	2.12	2.04	53.57	ppb
Lead	206-1	-0.02	-0.01	-0.04	-0.03		ppb
Lead	207-1	-0.02	-0.01	-0.02	-0.02		ppb
Lead	208-1	-0.02	0.00	-0.02	-0.01		ppb
Lithium	6-1						%
Magnesium	24-2	3.88	1.55	3.46	2.96	41.92	ppb
Manganese	55-2	-0.03	-0.01	-0.03	-0.02		ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	PB103079BL	Instrumnet Name :	P7
Client Sample ID :	PB103079BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:47:23	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.01	0.02	0.02	47.12	ppb
Molybdenum	95-1	-0.01	0.07	-0.01	0.02	288.62	ppb
Molybdenum	96-1	0.00	0.04	0.02	0.02	95.56	ppb
Molybdenum	97-1	-0.01	0.17	0.06	0.08	116.55	ppb
Molybdenum	98-1	0.02	0.03	0.03	0.02	16.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	-0.03	0.00		ppb
Phosphorus	31-2	-5.35	-18.08	2.69	-6.91		ppb
Potassium	39-2	24.65	13.69	18.32	18.89	29.13	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	0.08	-0.56	0.65	0.06	1090.95	ppb
Selenium	82-1	-0.09	0.03	-2.12	-0.73		ppb
Silicon	28-1	-0.83	-0.69	-0.82	-0.78		ppb
Silver	109-1	0.01	0.00	0.01	0.00	55.31	ppb
Silver	107-1	0.01	0.00	0.00	0.00	74.97	ppb
Sodium	23-2	54.95	55.36	57.25	55.86	2.20	ppb
Strontium	86-1	0.07	0.05	0.09	0.07	24.91	ppb
Strontium	88-1	0.01	0.01	-0.01	0.00	273.09	ppb
Sulfur	34-1	-145.28	-266.93	-176.99	-196.40		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.02	0.05	0.02	110.34	ppb
Thallium	205-1	0.02	0.01	0.02	0.01	53.57	ppb
Tin	118-1	0.02	0.02	0.03	0.02	28.55	ppb
Titanium	47-1	0.04	0.13	0.12	0.10	49.16	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	192.47	ppb
Vanadium	51-2	-0.01	0.00	-0.01	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.16	-0.12	-0.24	-0.07		ppb
Zirconium	90-1	0.02	0.02	-0.02	0.00	440.82	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	PB103079BL	Instrumnet Name :	P7
Client Sample ID :	PB103079BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:47:23	DataFile Name :	019CCBE.d

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

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	PB103079BS	Instrumnet Name :	P7
Client Sample ID :	PB103079BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:50:54	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9770.33	9865.31	9919.33	9851.66	0.77	ppb
Antimony	121-1	508.92	513.65	511.07	511.21	0.46	ppb
Arsenic	75-2	502.49	502.38	508.40	504.42	0.68	ppb
Barium	135-1	2554.19	2558.84	2565.82	2559.62	0.23	ppb
Barium	137-1	2559.16	2565.19	2544.81	2556.38	0.41	ppb
Beryllium	9-1	510.00	507.31	499.48	505.59	1.08	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	493.90	501.93	497.33	497.72	0.81	ppb
Boron	11-1	487.55	491.11	498.94	492.53	1.18	ppb
Cadmium	111-1	527.63	519.95	517.32	521.63	1.03	ppb
Cadmium	106-1	529.43	524.65	516.63	523.57	1.24	ppb
Cadmium	108-1	528.57	514.49	518.42	520.50	1.40	ppb
Calcium	43-1	48712.48	49074.14	49065.69	48950.77	0.42	ppb
Calcium	44-1	48907.14	49089.37	49080.37	49025.63	0.21	ppb
Chromium	52-2	514.34	512.92	519.37	515.54	0.66	ppb
Cobalt	59-2	514.96	517.53	518.79	517.09	0.38	ppb
Copper	63-2	1035.62	1041.11	1051.31	1042.68	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26413.65	26257.75	26618.35	26429.92	0.68	ppb
Iron	57-2	26586.95	26485.91	26616.74	26563.20	0.26	ppb
Lead	206-1	498.62	506.48	498.31	501.14	0.92	ppb
Lead	207-1	503.41	506.56	498.26	502.75	0.83	ppb
Lead	208-1	501.06	506.35	497.85	501.75	0.85	ppb
Lithium	6-1						%
Magnesium	24-2	50947.57	51433.84	51908.71	51430.04	0.93	ppb
Manganese	55-2	1016.46	1024.50	1031.94	1024.30	0.76	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	PB103079BS	Instrumnet Name :	P7
Client Sample ID :	PB103079BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:50:54	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	506.62	504.49	508.47	506.53	0.39	ppb
Molybdenum	95-1	507.48	504.23	508.39	506.70	0.43	ppb
Molybdenum	96-1	502.09	505.09	503.66	503.62	0.30	ppb
Molybdenum	97-1	496.77	499.51	502.99	499.76	0.62	ppb
Molybdenum	98-1	501.29	503.53	509.21	504.67	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.68	511.94	518.05	514.55	0.61	ppb
Phosphorus	31-2	10494.65	9898.55	10357.67	10250.29	3.05	ppb
Potassium	39-2	24806.43	24895.40	25129.51	24943.78	0.67	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	501.35	491.30	487.54	493.40	1.45	ppb
Selenium	78-2	525.20	501.19	484.44	503.61	4.07	ppb
Selenium	82-1	505.69	514.04	513.06	510.93	0.89	ppb
Silicon	28-1	526.53	521.80	521.91	523.41	0.52	ppb
Silver	109-1	527.06	516.54	516.54	520.04	1.17	ppb
Silver	107-1	527.70	515.54	514.62	519.29	1.41	ppb
Sodium	23-2	51158.38	52046.57	52189.38	51798.11	1.08	ppb
Strontium	86-1	508.25	511.22	505.31	508.26	0.58	ppb
Strontium	88-1	502.85	505.72	507.48	505.35	0.46	ppb
Sulfur	34-1	10196.83	10582.69	10424.26	10401.26	1.86	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	502.17	504.78	493.71	500.22	1.16	ppb
Thallium	205-1	501.14	504.03	498.84	501.34	0.52	ppb
Tin	118-1	517.58	515.43	511.32	514.78	0.62	ppb
Titanium	47-1	501.64	504.72	503.89	503.42	0.32	ppb
Uranium	238-1	501.27	505.26	499.44	501.99	0.59	ppb
Vanadium	51-2	510.12	509.55	517.74	512.47	0.89	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1030.49	1025.42	1040.74	1032.22	0.76	ppb
Zirconium	90-1	505.80	502.21	504.63	504.21	0.36	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	PB103079BS	Instrumnet Name :	P7
Client Sample ID :	PB103079BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:50:54	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	508.57	500.55	507.03	505.38	0.84	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01	Instrumnet Name :	P7
Client Sample ID :	S32-0594	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:54:25	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52.26	49.85	47.12	49.74	5.17	ppb
Antimony	121-1	5.51	4.46	3.77	4.58	19.18	ppb
Arsenic	75-2	71.45	72.32	69.35	71.04	2.15	ppb
Barium	135-1	6.24	5.90	6.56	6.23	5.28	ppb
Barium	137-1	6.49	6.32	5.84	6.22	5.40	ppb
Beryllium	9-1	0.09	0.04	0.03	0.06	55.31	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	40.01	36.47	37.43	37.97	4.81	ppb
Boron	11-1	38.67	40.36	37.80	38.94	3.35	ppb
Cadmium	111-1	0.16	0.21	0.38	0.25	46.11	ppb
Cadmium	106-1	-2.10	-1.21	1.58	-0.58		ppb
Cadmium	108-1	0.14	0.00	0.28	0.14	99.41	ppb
Calcium	43-1	59614.78	59841.73	59499.96	59652.16	0.29	ppb
Calcium	44-1	58832.79	58506.58	58414.98	58584.78	0.37	ppb
Chromium	52-2	2.19	2.20	1.91	2.10	7.98	ppb
Cobalt	59-2	0.11	0.13	0.15	0.13	13.49	ppb
Copper	63-2	4.06	3.94	3.76	3.92	3.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6204.77	6054.39	6135.46	6131.54	1.23	ppb
Iron	57-2	6296.49	6086.89	6170.62	6184.66	1.71	ppb
Lead	206-1	1.15	1.16	1.04	1.12	6.07	ppb
Lead	207-1	1.26	1.13	0.99	1.12	12.07	ppb
Lead	208-1	1.22	1.15	1.05	1.14	7.70	ppb
Lithium	6-1						%
Magnesium	24-2	18646.78	18269.78	18547.98	18488.18	1.06	ppb
Manganese	55-2	283.07	273.76	277.75	278.19	1.68	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01	Instrumnet Name :	P7
Client Sample ID :	S32-0594	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:54:25	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.62	0.55	0.51	0.56	9.50	ppb
Molybdenum	95-1	0.88	0.69	0.61	0.73	19.20	ppb
Molybdenum	96-1	0.87	0.68	0.75	0.76	12.71	ppb
Molybdenum	97-1	0.75	0.64	0.69	0.69	8.22	ppb
Molybdenum	98-1	0.71	0.95	0.69	0.79	18.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	0.92	0.72	0.83	12.63	ppb
Phosphorus	31-2	759.72	578.17	644.23	660.71	13.91	ppb
Potassium	39-2	4681.17	4633.79	4701.05	4672.00	0.74	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.37	0.00	0.00	0.79	173.21	ppb
Selenium	78-2	1.30	-1.87	0.71	0.04	3773.17	ppb
Selenium	82-1	0.00	0.27	-0.28	0.00		ppb
Silicon	28-1	10254.56	10254.10	10205.95	10238.20	0.27	ppb
Silver	109-1	1.12	1.08	1.04	1.08	3.74	ppb
Silver	107-1	1.08	0.91	0.83	0.94	13.79	ppb
Sodium	23-2	45925.77	44879.60	45496.40	45433.93	1.16	ppb
Strontium	86-1	318.58	323.07	315.57	319.07	1.18	ppb
Strontium	88-1	315.65	318.56	314.94	316.38	0.61	ppb
Sulfur	34-1	2197.73	2007.17	1962.13	2055.68	6.08	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.55	0.42	0.20	0.39	45.12	ppb
Thallium	205-1	0.56	0.33	0.24	0.38	43.69	ppb
Tin	118-1	3.58	3.25	3.09	3.31	7.56	ppb
Titanium	47-1	3.81	4.61	3.02	3.81	20.90	ppb
Uranium	238-1	0.22	0.19	0.22	0.21	8.39	ppb
Vanadium	51-2	0.59	0.64	0.60	0.61	4.69	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	17.81	17.02	18.83	17.89	5.07	ppb
Zirconium	90-1	0.72	0.41	0.40	0.51	35.31	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01	Instrumnet Name :	P7
Client Sample ID :	S32-0594	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:54:25	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.73	0.46	0.37	0.52	36.13	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01DUP	Instrumnet Name :	P7
Client Sample ID :	S32-0594DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:57:57	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50.19	40.56	45.31	45.35	10.62	ppb
Antimony	121-1	1.69	1.57	1.42	1.56	8.65	ppb
Arsenic	75-2	73.49	72.73	71.24	72.49	1.58	ppb
Barium	135-1	6.53	6.77	6.44	6.58	2.63	ppb
Barium	137-1	6.14	6.33	6.31	6.26	1.69	ppb
Beryllium	9-1	0.03	0.00	0.04	0.02	95.61	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	36.59	37.69	37.76	37.35	1.75	ppb
Boron	11-1	35.63	37.21	39.01	37.28	4.52	ppb
Cadmium	111-1	-0.06	-0.23	-0.04	-0.11		ppb
Cadmium	106-1	-2.92	-3.94	-2.61	-3.16		ppb
Cadmium	108-1	0.14	0.14	0.14	0.14	0.47	ppb
Calcium	43-1	59605.63	60649.30	60789.35	60348.09	1.07	ppb
Calcium	44-1	59325.03	59447.83	59676.13	59483.00	0.30	ppb
Chromium	52-2	1.70	1.49	1.46	1.55	8.36	ppb
Cobalt	59-2	0.07	0.11	0.11	0.10	27.23	ppb
Copper	63-2	4.02	3.65	3.71	3.79	5.27	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	6270.47	6196.61	6208.19	6225.09	0.64	ppb
Iron	57-2	6256.96	6233.01	6289.10	6259.69	0.45	ppb
Lead	206-1	0.74	0.70	0.62	0.69	8.61	ppb
Lead	207-1	0.71	0.67	0.66	0.68	3.72	ppb
Lead	208-1	0.75	0.71	0.65	0.70	7.31	ppb
Lithium	6-1						%
Magnesium	24-2	18790.42	18616.49	18911.60	18772.84	0.79	ppb
Manganese	55-2	279.87	280.70	279.71	280.09	0.19	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01DUP	Instrumnet Name :	P7
Client Sample ID :	S32-0594DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:57:57	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.22	0.17	0.30	0.23	26.66	ppb
Molybdenum	95-1	0.28	0.22	0.27	0.26	13.62	ppb
Molybdenum	96-1	0.34	0.30	0.30	0.31	7.58	ppb
Molybdenum	97-1	0.44	0.25	0.32	0.34	28.67	ppb
Molybdenum	98-1	0.26	0.30	0.23	0.26	11.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.49	0.43	0.47	0.46	6.27	ppb
Phosphorus	31-2	732.74	666.66	673.03	690.81	5.28	ppb
Potassium	39-2	4712.56	4667.15	4730.53	4703.41	0.69	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.22	1.21	1.21	1.21	0.20	ppb
Selenium	78-2	-0.90	0.90	0.48	0.16	594.69	ppb
Selenium	82-1	-0.60	0.59	0.69	0.23	318.99	ppb
Silicon	28-1	10197.31	10225.70	10387.16	10270.05	1.00	ppb
Silver	109-1	0.44	0.44	0.48	0.45	5.68	ppb
Silver	107-1	0.47	0.42	0.45	0.45	5.01	ppb
Sodium	23-2	46309.44	46056.45	46615.75	46327.21	0.60	ppb
Strontium	86-1	320.69	319.91	318.30	319.63	0.38	ppb
Strontium	88-1	322.89	321.90	321.38	322.06	0.24	ppb
Sulfur	34-1	2150.41	2212.04	2294.74	2219.06	3.26	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.02	0.01	0.02	31.66	ppb
Thallium	205-1	0.05	0.04	0.02	0.04	39.21	ppb
Tin	118-1	1.94	2.05	1.86	1.95	4.81	ppb
Titanium	47-1	3.48	3.76	3.53	3.59	4.13	ppb
Uranium	238-1	0.19	0.19	0.19	0.19	1.65	ppb
Vanadium	51-2	0.51	0.59	0.64	0.58	11.67	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	13.85	13.44	14.16	13.81	2.64	ppb
Zirconium	90-1	0.29	0.28	0.25	0.27	7.50	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01DUP	Instrumnet Name :	P7
Client Sample ID :	S32-0594DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:57:57	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.20	0.17	0.27	0.21	24.59	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01LX5	Instrumnet Name :	P7
Client Sample ID :	S32-0594L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-09 18:01:29	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.98	10.73	7.88	8.87	18.22	ppb
Antimony	121-1	0.41	0.47	0.49	0.45	9.07	ppb
Arsenic	75-2	12.76	13.93	13.01	13.23	4.64	ppb
Barium	135-1	1.29	1.05	1.17	1.17	10.47	ppb
Barium	137-1	1.15	1.34	1.01	1.17	14.14	ppb
Beryllium	9-1	0.00	0.00	-0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	13.05	12.27	10.29	11.87	11.96	ppb
Boron	11-1	11.03	11.75	10.64	11.14	5.07	ppb
Cadmium	111-1	-0.17	-0.11	-0.30	-0.19		ppb
Cadmium	106-1	-2.47	-1.56	-4.51	-2.85		ppb
Cadmium	108-1	0.14	0.27	0.14	0.18	42.98	ppb
Calcium	43-1	11353.63	11232.12	11211.86	11265.87	0.68	ppb
Calcium	44-1	11118.53	10936.96	11045.53	11033.67	0.83	ppb
Chromium	52-2	0.36	0.41	0.34	0.37	9.02	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	1.25	1.12	1.15	1.17	5.68	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	1161.58	1138.54	1146.84	1148.99	1.02	ppb
Iron	57-2	1158.63	1144.67	1187.99	1163.77	1.90	ppb
Lead	206-1	0.13	0.13	0.08	0.11	28.06	ppb
Lead	207-1	0.05	0.13	0.13	0.10	42.77	ppb
Lead	208-1	0.13	0.13	0.11	0.12	6.65	ppb
Lithium	6-1						%
Magnesium	24-2	3476.28	3483.81	3511.98	3490.69	0.54	ppb
Manganese	55-2	51.67	50.61	52.83	51.70	2.15	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01LX5	Instrumnet Name :	P7
Client Sample ID :	S32-0594L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-09 18:01:29	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.09	0.04	0.06	37.09	ppb
Molybdenum	95-1	0.05	0.10	0.10	0.09	34.34	ppb
Molybdenum	96-1	0.06	0.03	0.07	0.05	38.43	ppb
Molybdenum	97-1	0.13	0.14	0.09	0.12	20.91	ppb
Molybdenum	98-1	0.09	0.14	0.09	0.10	28.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.08	0.02	0.05	55.65	ppb
Phosphorus	31-2	117.26	119.67	88.93	108.62	15.74	ppb
Potassium	39-2	894.16	882.79	883.05	886.67	0.73	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	2.26	0.75	173.21	ppb
Selenium	78-2	-1.10	-0.19	0.72	-0.19		ppb
Selenium	82-1	-0.18	-1.44	-1.60	-1.07		ppb
Silicon	28-1	1983.56	1959.09	1979.76	1974.14	0.67	ppb
Silver	109-1	0.18	0.18	0.16	0.17	7.78	ppb
Silver	107-1	0.10	0.19	0.19	0.16	32.02	ppb
Sodium	23-2	8597.06	8499.01	8458.89	8518.32	0.83	ppb
Strontium	86-1	59.84	59.82	59.12	59.59	0.69	ppb
Strontium	88-1	59.38	59.81	59.17	59.46	0.55	ppb
Sulfur	34-1	-531.82	-385.95	-364.79	-427.52		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.00	0.00	223.13	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	47.35	ppb
Tin	118-1	0.24	0.20	0.20	0.21	9.16	ppb
Titanium	47-1	1.00	0.82	0.54	0.79	29.47	ppb
Uranium	238-1	0.04	0.04	0.05	0.04	12.88	ppb
Vanadium	51-2	0.14	0.09	0.13	0.12	22.16	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.95	5.50	4.26	4.90	12.69	ppb
Zirconium	90-1	0.06	0.06	0.04	0.05	18.56	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01LX5	Instrumnet Name :	P7
Client Sample ID :	S32-0594L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-09 18:01:29	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.00	0.02	79.50	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-02	Instrumnet Name :	P7
Client Sample ID :	S32-0594MS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:05:01	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9523.60	9246.43	9437.53	9402.52	1.51	ppb
Antimony	121-1	435.44	437.77	434.38	435.86	0.40	ppb
Arsenic	75-2	544.63	533.82	540.10	539.52	1.01	ppb
Barium	135-1	2319.70	2332.84	2312.05	2321.53	0.45	ppb
Barium	137-1	2328.63	2341.96	2311.37	2327.32	0.66	ppb
Beryllium	9-1	317.16	318.21	320.45	318.61	0.53	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	381.45	369.91	378.93	376.76	1.61	ppb
Boron	11-1	362.65	364.60	369.73	365.66	1.00	ppb
Cadmium	111-1	432.45	437.02	434.04	434.50	0.53	ppb
Cadmium	106-1	408.44	435.63	427.70	423.92	3.30	ppb
Cadmium	108-1	432.85	435.27	425.63	431.25	1.16	ppb
Calcium	43-1	113411.21	113296.37	114702.65	113803.41	0.69	ppb
Calcium	44-1	112567.41	110975.10	111306.34	111616.29	0.75	ppb
Chromium	52-2	512.87	502.64	508.31	507.94	1.01	ppb
Cobalt	59-2	514.93	501.61	510.09	508.88	1.33	ppb
Copper	63-2	1121.58	1103.32	1111.25	1112.05	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	33377.89	32533.24	33013.62	32974.91	1.28	ppb
Iron	57-2	33163.40	32746.95	32519.85	32810.07	0.99	ppb
Lead	206-1	452.91	454.58	461.08	456.19	0.95	ppb
Lead	207-1	456.59	461.35	464.47	460.80	0.86	ppb
Lead	208-1	455.33	456.87	462.87	458.36	0.87	ppb
Lithium	6-1						%
Magnesium	24-2	75946.39	73506.94	74393.19	74615.51	1.65	ppb
Manganese	55-2	1310.42	1284.92	1307.38	1300.91	1.07	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-02	Instrumnet Name :	P7
Client Sample ID :	S32-0594MS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:05:01	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	460.64	462.97	457.81	460.47	0.56	ppb
Molybdenum	95-1	493.61	495.13	488.50	492.41	0.70	ppb
Molybdenum	96-1	483.12	485.69	481.22	483.34	0.46	ppb
Molybdenum	97-1	487.39	500.02	489.96	492.45	1.36	ppb
Molybdenum	98-1	488.75	498.20	490.38	492.44	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.31	511.78	523.70	518.26	1.16	ppb
Phosphorus	31-2	673.21	740.94	606.39	673.51	9.99	ppb
Potassium	39-2	28841.18	28509.23	28583.57	28644.66	0.61	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	458.05	489.87	505.81	484.57	5.02	ppb
Selenium	78-2	455.21	448.69	444.44	449.45	1.21	ppb
Selenium	82-1	454.99	457.52	462.03	458.18	0.78	ppb
Silicon	28-1	10946.59	11063.95	10948.27	10986.27	0.61	ppb
Silver	109-1	456.80	459.95	459.23	458.66	0.36	ppb
Silver	107-1	453.65	457.51	459.88	457.01	0.69	ppb
Sodium	23-2	103068.06	101488.81	102650.01	102402.29	0.80	ppb
Strontium	86-1	779.22	790.78	764.28	778.10	1.71	ppb
Strontium	88-1	786.51	784.90	780.16	783.86	0.42	ppb
Sulfur	34-1	3212.45	2740.10	2645.21	2865.92	10.60	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	464.52	467.46	473.34	468.44	0.96	ppb
Thallium	205-1	466.05	468.66	473.74	469.48	0.83	ppb
Tin	118-1	446.73	452.09	452.61	450.48	0.72	ppb
Titanium	47-1	479.64	477.32	466.48	474.48	1.48	ppb
Uranium	238-1	446.39	452.00	453.68	450.69	0.85	ppb
Vanadium	51-2	494.49	483.51	490.23	489.41	1.13	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1057.76	1035.93	1046.79	1046.83	1.04	ppb
Zirconium	90-1	446.51	451.52	447.78	448.60	0.58	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-02	Instrumnet Name :	P7
Client Sample ID :	S32-0594MS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:05:01	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	447.60	442.51	441.86	443.99	0.71	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-03	Instrumnet Name :	P7
Client Sample ID :	S32-0594MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:08:32	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9531.08	9813.95	9691.96	9679.00	1.47	ppb
Antimony	121-1	442.58	439.34	440.91	440.94	0.37	ppb
Arsenic	75-2	548.74	556.29	548.37	551.13	0.81	ppb
Barium	135-1	2360.12	2364.51	2353.24	2359.29	0.24	ppb
Barium	137-1	2374.89	2376.27	2360.22	2370.46	0.38	ppb
Beryllium	9-1	340.79	342.48	344.27	342.51	0.51	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	389.73	419.95	425.47	411.71	4.67	ppb
Boron	11-1	384.35	404.93	399.41	396.23	2.69	ppb
Cadmium	111-1	439.89	439.91	436.00	438.60	0.51	ppb
Cadmium	106-1	424.73	450.57	437.01	437.43	2.95	ppb
Cadmium	108-1	440.36	449.32	426.76	438.81	2.59	ppb
Calcium	43-1	114260.50	115391.35	114842.15	114831.34	0.49	ppb
Calcium	44-1	112910.84	113134.90	113340.33	113128.69	0.19	ppb
Chromium	52-2	512.15	519.43	516.58	516.05	0.71	ppb
Cobalt	59-2	511.47	520.35	516.05	515.96	0.86	ppb
Copper	63-2	1124.21	1141.24	1132.08	1132.51	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	33306.92	33713.15	33377.17	33465.74	0.65	ppb
Iron	57-2	33123.78	33667.64	33608.04	33466.49	0.89	ppb
Lead	206-1	475.85	473.30	474.46	474.54	0.27	ppb
Lead	207-1	473.90	475.93	471.19	473.67	0.50	ppb
Lead	208-1	474.33	475.15	472.14	473.88	0.33	ppb
Lithium	6-1						%
Magnesium	24-2	73268.77	75265.66	74067.77	74200.74	1.35	ppb
Manganese	55-2	1311.57	1331.01	1326.58	1323.06	0.77	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-03	Instrumnet Name :	P7
Client Sample ID :	S32-0594MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:08:32	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	467.98	470.24	472.15	470.12	0.44	ppb
Molybdenum	95-1	507.01	507.72	503.84	506.19	0.41	ppb
Molybdenum	96-1	496.60	496.58	501.74	498.31	0.60	ppb
Molybdenum	97-1	497.01	506.42	502.67	502.03	0.94	ppb
Molybdenum	98-1	501.24	502.68	503.74	502.55	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.61	525.69	526.16	524.82	0.37	ppb
Phosphorus	31-2	614.87	758.17	773.22	715.42	12.22	ppb
Potassium	39-2	28793.34	29469.10	29188.99	29150.48	1.16	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	470.14	394.80	445.66	436.86	8.80	ppb
Selenium	78-2	461.03	461.53	465.04	462.53	0.47	ppb
Selenium	82-1	472.95	473.44	467.45	471.28	0.71	ppb
Silicon	28-1	11032.48	11109.84	11046.39	11062.90	0.37	ppb
Silver	109-1	468.14	466.65	466.74	467.18	0.18	ppb
Silver	107-1	463.57	462.20	464.57	463.45	0.26	ppb
Sodium	23-2	103424.80	103906.20	103557.30	103629.44	0.24	ppb
Strontium	86-1	789.16	795.56	785.02	789.92	0.67	ppb
Strontium	88-1	793.28	798.15	801.85	797.76	0.54	ppb
Sulfur	34-1	2846.27	2498.61	2698.79	2681.22	6.51	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	483.78	480.21	484.89	482.96	0.51	ppb
Thallium	205-1	484.54	482.83	487.92	485.10	0.53	ppb
Tin	118-1	461.86	460.96	456.54	459.78	0.62	ppb
Titanium	47-1	487.03	495.59	498.63	493.75	1.22	ppb
Uranium	238-1	463.28	461.85	464.02	463.05	0.24	ppb
Vanadium	51-2	492.75	503.24	501.55	499.18	1.13	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1050.88	1071.44	1057.61	1059.98	0.99	ppb
Zirconium	90-1	454.54	454.26	459.58	456.13	0.66	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-03	Instrumnet Name :	P7
Client Sample ID :	S32-0594MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:08:32	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	454.69	455.67	460.55	456.97	0.69	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01A	Instrumnet Name :	P7
Client Sample ID :	S32-0594A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:12:03	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9691.93	9487.42	9523.59	9567.65	1.14	ppb
Antimony	121-1	443.61	440.86	442.59	442.36	0.31	ppb
Arsenic	75-2	555.99	551.03	548.43	551.82	0.70	ppb
Barium	135-1	2356.46	2337.97	2375.82	2356.75	0.80	ppb
Barium	137-1	2364.36	2353.50	2382.21	2366.69	0.61	ppb
Beryllium	9-1	352.33	355.38	354.31	354.01	0.44	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	411.48	417.97	433.15	420.87	2.64	ppb
Boron	11-1	407.39	409.64	415.74	410.92	1.05	ppb
Cadmium	111-1	437.24	436.70	441.35	438.43	0.58	ppb
Cadmium	106-1	441.43	434.66	436.69	437.59	0.79	ppb
Cadmium	108-1	433.64	432.11	431.86	432.54	0.22	ppb
Calcium	43-1	115732.36	116295.25	115311.40	115779.67	0.43	ppb
Calcium	44-1	114444.86	114822.41	113700.93	114322.73	0.50	ppb
Chromium	52-2	521.55	505.01	516.38	514.31	1.65	ppb
Cobalt	59-2	517.04	503.42	515.33	511.93	1.45	ppb
Copper	63-2	1126.55	1107.09	1122.40	1118.68	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	33793.89	32977.76	33282.45	33351.36	1.24	ppb
Iron	57-2	33324.44	32778.34	33091.11	33064.63	0.83	ppb
Lead	206-1	474.33	476.23	472.44	474.33	0.40	ppb
Lead	207-1	470.71	478.38	471.77	473.62	0.88	ppb
Lead	208-1	472.86	477.12	470.91	473.63	0.67	ppb
Lithium	6-1						%
Magnesium	24-2	74969.03	73925.19	74738.34	74544.18	0.74	ppb
Manganese	55-2	1329.08	1296.79	1318.51	1314.79	1.25	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01A	Instrumnet Name :	P7
Client Sample ID :	S32-0594A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:12:03	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	466.99	476.57	467.27	470.28	1.16	ppb
Molybdenum	95-1	496.45	506.29	503.22	501.99	1.00	ppb
Molybdenum	96-1	495.51	493.33	491.93	493.59	0.37	ppb
Molybdenum	97-1	502.08	502.29	500.80	501.72	0.16	ppb
Molybdenum	98-1	497.20	506.79	496.30	500.10	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.24	522.34	524.67	522.08	0.52	ppb
Phosphorus	31-2	638.35	583.58	598.01	606.65	4.68	ppb
Potassium	39-2	29326.01	28493.59	28871.97	28897.19	1.44	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	470.48	451.98	477.12	466.53	2.79	ppb
Selenium	78-2	455.40	471.47	466.34	464.40	1.77	ppb
Selenium	82-1	470.33	473.21	476.99	473.51	0.70	ppb
Silicon	28-1	11275.33	11369.13	11203.56	11282.68	0.74	ppb
Silver	109-1	469.29	467.35	467.04	467.89	0.26	ppb
Silver	107-1	467.21	467.57	467.78	467.52	0.06	ppb
Sodium	23-2	106153.80	102217.19	104354.25	104241.75	1.89	ppb
Strontium	86-1	787.57	807.77	793.69	796.35	1.30	ppb
Strontium	88-1	797.92	797.16	801.43	798.84	0.28	ppb
Sulfur	34-1	2859.48	2845.51	2578.40	2761.13	5.74	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	486.34	484.04	481.94	484.11	0.45	ppb
Thallium	205-1	487.37	488.91	482.48	486.25	0.69	ppb
Tin	118-1	462.34	459.98	458.91	460.41	0.38	ppb
Titanium	47-1	487.20	496.39	492.10	491.90	0.93	ppb
Uranium	238-1	461.10	465.81	465.30	464.07	0.56	ppb
Vanadium	51-2	496.70	487.38	493.83	492.63	0.97	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1059.00	1045.04	1053.50	1052.51	0.67	ppb
Zirconium	90-1	452.93	456.09	455.09	454.70	0.35	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01A	Instrumnet Name :	P7
Client Sample ID :	S32-0594A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:12:03	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	452.48	453.34	450.97	452.26	0.26	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-04	Instrumnet Name :	P7
Client Sample ID :	S32-0615	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:15:33	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.18	8.71	4.68	6.19	35.48	ppb
Antimony	121-1	0.89	0.85	0.99	0.91	8.27	ppb
Arsenic	75-2	7.84	8.13	8.15	8.04	2.20	ppb
Barium	135-1	14.21	13.59	13.65	13.82	2.45	ppb
Barium	137-1	13.03	14.32	14.71	14.02	6.28	ppb
Beryllium	9-1	0.11	0.12	0.07	0.10	27.18	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	37.12	41.04	36.98	38.38	6.00	ppb
Boron	11-1	37.64	39.23	35.52	37.46	4.97	ppb
Cadmium	111-1	-0.28	0.19	0.10	0.00	168475.18	ppb
Cadmium	106-1	-5.14	0.55	-0.49	-1.69		ppb
Cadmium	108-1	0.14	0.14	0.41	0.23	68.96	ppb
Calcium	43-1	11340.87	11085.86	11292.43	11239.72	1.20	ppb
Calcium	44-1	11041.35	10870.37	11033.41	10981.71	0.88	ppb
Chromium	52-2	1.82	1.83	1.90	1.85	2.40	ppb
Cobalt	59-2	0.03	0.05	0.06	0.05	30.58	ppb
Copper	63-2	3.36	3.37	3.25	3.33	2.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	72.57	73.15	72.28	72.67	0.61	ppb
Iron	57-2	84.93	70.27	85.96	80.39	10.91	ppb
Lead	206-1	0.91	0.93	0.91	0.92	1.72	ppb
Lead	207-1	0.92	0.84	0.82	0.86	6.01	ppb
Lead	208-1	0.94	0.89	0.88	0.90	3.79	ppb
Lithium	6-1						%
Magnesium	24-2	4986.22	5047.55	5015.97	5016.58	0.61	ppb
Manganese	55-2	37.24	38.12	37.45	37.60	1.22	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-04	Instrumnet Name :	P7
Client Sample ID :	S32-0615	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:15:33	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.51	0.50	0.38	0.46	16.05	ppb
Molybdenum	95-1	0.78	0.68	0.83	0.76	9.71	ppb
Molybdenum	96-1	0.85	0.76	0.73	0.78	8.20	ppb
Molybdenum	97-1	0.84	0.95	0.90	0.90	6.32	ppb
Molybdenum	98-1	1.02	1.11	0.84	0.99	13.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.60	0.88	0.64	0.70	21.63	ppb
Phosphorus	31-2	1.13	6.35	6.01	4.50	64.96	ppb
Potassium	39-2	5719.50	5758.87	5757.20	5745.19	0.39	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.68	1.22	3.67	2.85	49.57	ppb
Selenium	78-2	0.16	-1.28	-0.26	-0.46		ppb
Selenium	82-1	-0.30	0.16	-1.62	-0.59		ppb
Silicon	28-1	5433.94	5373.20	5451.93	5419.69	0.76	ppb
Silver	109-1	0.28	0.37	0.31	0.32	14.05	ppb
Silver	107-1	0.32	0.23	0.31	0.29	17.21	ppb
Sodium	23-2	105494.99	106713.19	105404.07	105870.75	0.69	ppb
Strontium	86-1	74.38	77.81	77.10	76.43	2.37	ppb
Strontium	88-1	77.63	76.29	77.12	77.01	0.88	ppb
Sulfur	34-1	40144.97	38900.26	39886.84	39644.03	1.66	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.18	0.12	0.16	0.15	17.85	ppb
Thallium	205-1	0.18	0.18	0.16	0.17	7.00	ppb
Tin	118-1	2.45	2.51	2.55	2.51	1.96	ppb
Titanium	47-1	0.80	0.65	0.44	0.63	28.91	ppb
Uranium	238-1	0.60	0.56	0.62	0.59	4.56	ppb
Vanadium	51-2	0.56	0.56	0.46	0.53	11.28	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	9.82	9.49	10.01	9.78	2.70	ppb
Zirconium	90-1	0.21	0.17	0.20	0.19	9.79	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-04	Instrumnet Name :	P7
Client Sample ID :	S32-0615	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:15:33	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.25	0.23	0.33	0.27	20.35	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:19:03	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49572.92	50238.91	58049.64	52620.49	8.96	ppb
Antimony	121-1	486.25	490.96	490.54	489.25	0.53	ppb
Arsenic	75-2	502.93	499.64	574.20	525.59	8.02	ppb
Barium	135-1	2510.16	2512.69	2485.22	2502.69	0.61	ppb
Barium	137-1	2521.77	2499.34	2507.42	2509.51	0.45	ppb
Beryllium	9-1	507.47	511.81	507.91	509.06	0.47	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	513.86	512.19	494.96	507.00	2.06	ppb
Boron	11-1	504.19	517.43	513.84	511.82	1.34	ppb
Cadmium	111-1	496.60	492.55	489.65	492.94	0.71	ppb
Cadmium	106-1	491.84	483.88	491.53	489.08	0.92	ppb
Cadmium	108-1	483.68	495.95	499.36	492.99	1.67	ppb
Calcium	43-1	243153.15	239473.85	240878.19	241168.39	0.77	ppb
Calcium	44-1	241660.95	235319.48	239157.94	238712.79	1.34	ppb
Chromium	52-2	502.95	508.88	598.82	536.88	10.01	ppb
Cobalt	59-2	495.16	498.19	583.81	525.72	9.57	ppb
Copper	63-2	971.89	982.44	1144.60	1032.98	9.37	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	125350.00	126096.13	147005.01	132817.05	9.26	ppb
Iron	57-2	123640.21	125405.56	145454.31	131500.03	9.21	ppb
Lead	206-1	515.25	507.14	509.11	510.50	0.83	ppb
Lead	207-1	515.28	509.33	508.05	510.89	0.76	ppb
Lead	208-1	515.53	509.88	508.40	511.27	0.74	ppb
Lithium	6-1						%
Magnesium	24-2	252328.86	254101.60	297511.47	267980.64	9.55	ppb
Manganese	55-2	985.86	1002.25	1169.87	1052.66	9.67	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:19:03	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	513.62	505.10	502.59	507.10	1.14	ppb
Molybdenum	95-1	511.36	507.70	506.05	508.37	0.53	ppb
Molybdenum	96-1	509.55	504.18	507.19	506.97	0.53	ppb
Molybdenum	97-1	507.47	507.50	505.23	506.74	0.26	ppb
Molybdenum	98-1	506.18	504.93	503.83	504.98	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.07	497.84	580.16	522.69	9.55	ppb
Phosphorus	31-2	10314.14	10385.95	11895.57	10865.22	8.22	ppb
Potassium	39-2	122592.55	123653.33	144368.41	130204.76	9.43	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	488.87	531.46	578.31	532.88	8.40	ppb
Selenium	78-2	492.62	494.90	577.27	521.60	9.25	ppb
Selenium	82-1	504.36	484.45	485.14	491.32	2.30	ppb
Silicon	28-1	554.24	565.32	567.24	562.27	1.25	ppb
Silver	109-1	496.28	493.84	493.21	494.44	0.33	ppb
Silver	107-1	496.35	494.21	489.92	493.49	0.66	ppb
Sodium	23-2	250691.93	255202.70	295592.37	267162.34	9.25	ppb
Strontium	86-1	519.17	518.53	526.59	521.43	0.86	ppb
Strontium	88-1	521.54	515.04	514.26	516.95	0.77	ppb
Sulfur	34-1	10830.31	10379.33	10715.65	10641.76	2.20	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	518.37	505.24	508.54	510.71	1.34	ppb
Thallium	205-1	519.05	509.30	510.14	512.83	1.05	ppb
Tin	118-1	501.99	500.92	500.85	501.25	0.13	ppb
Titanium	47-1	509.29	504.91	519.59	511.26	1.47	ppb
Uranium	238-1	529.75	525.03	526.83	527.20	0.45	ppb
Vanadium	51-2	505.85	506.52	597.40	536.59	9.81	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	959.72	963.76	1117.25	1013.58	8.86	ppb
Zirconium	90-1	508.62	508.57	504.82	507.34	0.43	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:19:03	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	514.61	508.41	504.95	509.32	0.96	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:22:33	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.21	1.94	1.49	1.55	23.73	ppb
Antimony	121-1	1.51	1.24	1.17	1.31	13.77	ppb
Arsenic	75-2	0.10	0.28	0.26	0.21	47.15	ppb
Barium	135-1	0.14	0.07	0.18	0.13	44.75	ppb
Barium	137-1	0.17	0.15	0.18	0.17	8.24	ppb
Beryllium	9-1	0.18	0.10	0.10	0.12	38.76	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	10.28	11.21	9.00	10.16	10.91	ppb
Boron	11-1	11.75	9.44	9.35	10.18	13.36	ppb
Cadmium	111-1	0.25	-0.07	-0.11	0.02	929.94	ppb
Cadmium	106-1	3.13	-1.41	-2.36	-0.21		ppb
Cadmium	108-1	0.00	0.29	0.00	0.10	173.21	ppb
Calcium	43-1	26.09	15.27	29.88	23.75	31.92	ppb
Calcium	44-1	19.44	18.79	14.21	17.48	16.31	ppb
Chromium	52-2	0.16	0.05	-0.03	0.06	154.57	ppb
Cobalt	59-2	0.02	0.00	0.01	0.01	73.16	ppb
Copper	63-2	0.30	0.44	0.30	0.35	22.75	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	6.37	5.59	6.22	6.06	6.82	ppb
Iron	57-2	5.25	5.82	4.85	5.31	9.11	ppb
Lead	206-1	0.25	0.19	0.23	0.22	13.22	ppb
Lead	207-1	0.25	0.30	0.24	0.26	12.65	ppb
Lead	208-1	0.27	0.25	0.25	0.26	6.04	ppb
Lithium	6-1						%
Magnesium	24-2	10.91	10.89	8.83	10.21	11.70	ppb
Manganese	55-2	0.06	0.07	0.07	0.07	3.34	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:22:33	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.27	0.25	0.19	0.24	16.45	ppb
Molybdenum	95-1	0.50	0.48	0.48	0.49	2.26	ppb
Molybdenum	96-1	0.41	0.37	0.42	0.40	6.16	ppb
Molybdenum	97-1	0.35	0.49	0.37	0.40	17.87	ppb
Molybdenum	98-1	0.53	0.55	0.31	0.46	28.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.05	-0.03	0.03	169.16	ppb
Phosphorus	31-2	2.38	-1.31	-1.25	-0.06		ppb
Potassium	39-2	26.11	50.22	35.71	37.34	32.49	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	-0.81	0.82	1.38	0.46	244.56	ppb
Selenium	82-1	0.48	-2.16	-1.24	-0.97		ppb
Silicon	28-1	1.78	0.84	0.81	1.14	48.64	ppb
Silver	109-1	0.08	0.11	0.10	0.10	15.63	ppb
Silver	107-1	0.10	0.13	0.11	0.11	13.34	ppb
Sodium	23-2	65.94	68.98	58.16	64.36	8.67	ppb
Strontium	86-1	0.02	0.02	0.31	0.11	145.36	ppb
Strontium	88-1	0.03	0.02	0.03	0.03	6.17	ppb
Sulfur	34-1	-774.20	-839.84	-752.78	-788.94		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.08	0.08	0.07	0.07	8.23	ppb
Thallium	205-1	0.11	0.11	0.08	0.10	17.38	ppb
Tin	118-1	0.39	0.36	0.39	0.38	4.83	ppb
Titanium	47-1	0.37	0.16	0.24	0.26	40.81	ppb
Uranium	238-1	0.03	0.04	0.02	0.03	32.96	ppb
Vanadium	51-2	0.04	0.03	0.05	0.04	21.22	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.52	1.50	1.62	1.55	4.24	ppb
Zirconium	90-1	0.14	0.16	0.12	0.14	14.06	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:22:33	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.21	0.14	0.15	39.85	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-05	Instrumnet Name :	P7
Client Sample ID :	S32-0600	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:26:04	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.53	8.95	8.61	8.36	8.88	ppb
Antimony	121-1	32.84	30.76	30.22	31.27	4.42	ppb
Arsenic	75-2	19.39	19.83	19.32	19.51	1.40	ppb
Barium	135-1	9.92	8.89	9.13	9.31	5.75	ppb
Barium	137-1	9.00	9.19	9.52	9.24	2.86	ppb
Beryllium	9-1	0.01	0.15	0.08	0.08	88.78	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	20.98	17.28	15.16	17.81	16.55	ppb
Boron	11-1	18.05	16.44	17.17	17.22	4.68	ppb
Cadmium	111-1	-0.03	0.02	0.03	0.01	397.33	ppb
Cadmium	106-1	-1.51	-0.70	-0.53	-0.91		ppb
Cadmium	108-1	0.71	0.28	0.27	0.42	59.68	ppb
Calcium	43-1	20588.46	21322.03	20774.75	20895.08	1.82	ppb
Calcium	44-1	20319.31	20358.84	20207.20	20295.11	0.39	ppb
Chromium	52-2	2.75	2.97	2.69	2.80	5.20	ppb
Cobalt	59-2	0.14	0.12	0.10	0.12	18.06	ppb
Copper	63-2	5.64	5.79	5.84	5.76	1.85	ppb
Dysprosium	156-1						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	146.98	144.76	149.39	147.04	1.58	ppb
Iron	57-2	163.64	160.97	164.04	162.88	1.03	ppb
Lead	206-1	1.09	1.12	0.98	1.06	7.04	ppb
Lead	207-1	1.00	1.06	1.04	1.04	2.72	ppb
Lead	208-1	1.10	1.09	1.02	1.07	3.74	ppb
Lithium	6-1						%
Magnesium	24-2	8279.64	8175.04	8420.31	8291.66	1.48	ppb
Manganese	55-2	19.35	20.42	19.93	19.90	2.71	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-05	Instrumnet Name :	P7
Client Sample ID :	S32-0600	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:26:04	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.58	0.80	0.54	0.64	22.17	ppb
Molybdenum	95-1	1.14	1.30	1.23	1.23	6.54	ppb
Molybdenum	96-1	1.24	1.01	1.25	1.17	11.58	ppb
Molybdenum	97-1	0.98	1.24	1.33	1.18	15.01	ppb
Molybdenum	98-1	1.25	1.21	1.17	1.21	3.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.14	2.01	1.85	2.00	7.39	ppb
Phosphorus	31-2	97.37	81.55	68.91	82.61	17.26	ppb
Potassium	39-2	17357.73	17300.37	17410.37	17356.16	0.32	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.20	1.20	0.00	0.80	86.60	ppb
Selenium	78-2	0.79	-0.01	-0.79	0.00		ppb
Selenium	82-1	-0.34	-0.78	-0.05	-0.39		ppb
Silicon	28-1	2830.77	2813.00	2771.10	2804.96	1.09	ppb
Silver	109-1	0.59	0.66	0.53	0.59	10.71	ppb
Silver	107-1	0.69	0.65	0.59	0.64	8.20	ppb
Sodium	23-2	21818.47	21607.23	22035.93	21820.54	0.98	ppb
Strontium	86-1	181.56	179.20	182.88	181.21	1.03	ppb
Strontium	88-1	182.39	183.69	182.61	182.90	0.38	ppb
Sulfur	34-1	12819.51	12715.80	12856.30	12797.21	0.57	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.03	0.04	0.04	21.26	ppb
Thallium	205-1	0.09	0.06	0.04	0.06	38.59	ppb
Tin	118-1	3.20	2.99	2.98	3.05	4.08	ppb
Titanium	47-1	1.03	0.36	0.57	0.65	53.18	ppb
Uranium	238-1	0.18	0.18	0.19	0.18	4.31	ppb
Vanadium	51-2	0.52	0.53	0.52	0.52	1.26	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	18.48	17.28	19.61	18.46	6.31	ppb
Zirconium	90-1	0.47	0.39	0.37	0.41	13.36	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-05	Instrumnet Name :	P7
Client Sample ID :	S32-0600	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:26:04	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.42	0.35	0.33	0.37	12.86	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-06	Instrumnet Name :	P7
Client Sample ID :	S32-0601-FD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:29:36	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.26	8.90	13.26	10.14	26.83	ppb
Antimony	121-1	33.49	33.26	33.38	33.38	0.34	ppb
Arsenic	75-2	21.26	20.82	19.64	20.58	4.06	ppb
Barium	135-1	9.95	9.48	9.46	9.63	2.88	ppb
Barium	137-1	9.37	9.48	8.98	9.28	2.81	ppb
Beryllium	9-1	0.10	0.01	0.09	0.07	77.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	15.40	15.55	14.36	15.10	4.32	ppb
Boron	11-1	16.75	17.21	15.95	16.63	3.83	ppb
Cadmium	111-1	-0.06	-0.13	-0.25	-0.15		ppb
Cadmium	106-1	-1.74	-2.69	-4.51	-2.98		ppb
Cadmium	108-1	0.14	0.40	0.00	0.18	113.88	ppb
Calcium	43-1	21896.07	22037.66	21728.57	21887.43	0.71	ppb
Calcium	44-1	21536.78	21568.91	21375.05	21493.58	0.48	ppb
Chromium	52-2	2.81	3.10	3.00	2.97	4.91	ppb
Cobalt	59-2	0.10	0.16	0.13	0.13	24.44	ppb
Copper	63-2	5.71	6.15	6.10	5.98	4.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	153.79	156.82	153.73	154.78	1.14	ppb
Iron	57-2	165.84	177.93	173.40	172.39	3.54	ppb
Lead	206-1	0.88	1.02	1.07	0.99	9.98	ppb
Lead	207-1	1.02	0.90	0.75	0.89	15.07	ppb
Lead	208-1	0.94	0.95	0.93	0.94	0.95	ppb
Lithium	6-1						%
Magnesium	24-2	8269.07	8281.05	8247.33	8265.82	0.21	ppb
Manganese	55-2	20.56	20.77	20.13	20.49	1.59	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-06	Instrumnet Name :	P7
Client Sample ID :	S32-0601-FD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:29:36	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.51	0.57	0.53	0.54	5.67	ppb
Molybdenum	95-1	1.28	1.19	1.23	1.23	3.52	ppb
Molybdenum	96-1	0.95	0.99	0.93	0.95	3.03	ppb
Molybdenum	97-1	1.36	0.81	1.01	1.06	26.31	ppb
Molybdenum	98-1	1.10	1.25	1.24	1.20	7.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.36	2.16	2.07	2.19	6.73	ppb
Phosphorus	31-2	82.44	54.63	59.01	65.36	22.88	ppb
Potassium	39-2	19731.09	19802.12	19557.16	19696.79	0.64	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	1.22	2.43	1.22	99.96	ppb
Selenium	78-2	2.17	1.12	-0.91	0.79	197.98	ppb
Selenium	82-1	0.68	0.02	-0.84	-0.05		ppb
Silicon	28-1	2815.88	2814.76	2777.11	2802.59	0.79	ppb
Silver	109-1	0.31	0.40	0.38	0.37	13.04	ppb
Silver	107-1	0.43	0.35	0.29	0.36	20.19	ppb
Sodium	23-2	21841.22	22142.76	22054.28	22012.75	0.70	ppb
Strontium	86-1	186.65	188.04	189.15	187.94	0.67	ppb
Strontium	88-1	189.64	189.37	191.63	190.21	0.65	ppb
Sulfur	34-1	12833.56	12777.88	12321.16	12644.20	2.22	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	-0.02	0.00	513.88	ppb
Thallium	205-1	0.02	0.03	0.01	0.02	37.32	ppb
Tin	118-1	2.25	2.19	2.07	2.17	4.18	ppb
Titanium	47-1	0.44	0.26	0.52	0.41	32.18	ppb
Uranium	238-1	0.21	0.21	0.21	0.21	0.10	ppb
Vanadium	51-2	0.75	0.71	0.70	0.72	3.39	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	16.78	15.39	16.58	16.25	4.62	ppb
Zirconium	90-1	0.21	0.21	0.24	0.22	7.91	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-06	Instrumnet Name :	P7
Client Sample ID :	S32-0601-FD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:29:36	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.30	0.18	0.24	25.00	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-07	Instrumnet Name :	P7
Client Sample ID :	S32-0610	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:33:08	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1130.71	1111.45	1117.54	1119.90	0.88	ppb
Antimony	121-1	0.96	1.00	1.11	1.03	7.43	ppb
Arsenic	75-2	74.20	74.02	74.58	74.27	0.39	ppb
Barium	135-1	31.50	30.89	30.46	30.95	1.70	ppb
Barium	137-1	31.29	29.80	30.73	30.60	2.45	ppb
Beryllium	9-1	0.18	0.22	0.17	0.19	11.98	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	58.61	60.37	62.12	60.37	2.91	ppb
Boron	11-1	53.97	55.34	57.25	55.52	2.97	ppb
Cadmium	111-1	0.54	0.99	0.55	0.69	36.97	ppb
Cadmium	106-1	-2.60	2.57	-3.80	-1.27		ppb
Cadmium	108-1	0.95	1.08	0.54	0.86	32.74	ppb
Calcium	43-1	109772.95	109857.87	110508.42	110046.41	0.37	ppb
Calcium	44-1	108180.98	107745.24	108160.91	108029.05	0.23	ppb
Chromium	52-2	2.13	2.01	1.91	2.02	5.51	ppb
Cobalt	59-2	2.17	2.31	2.39	2.29	5.04	ppb
Copper	63-2	171.87	173.84	172.48	172.73	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2228.31	2241.10	2214.49	2227.97	0.60	ppb
Iron	57-2	2274.94	2304.73	2320.91	2300.19	1.01	ppb
Lead	206-1	12.99	12.84	13.45	13.09	2.42	ppb
Lead	207-1	12.34	12.15	12.16	12.22	0.90	ppb
Lead	208-1	12.56	12.67	12.84	12.69	1.09	ppb
Lithium	6-1						%
Magnesium	24-2	35913.60	35539.83	35543.95	35665.79	0.60	ppb
Manganese	55-2	492.05	493.87	488.18	491.37	0.59	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-07	Instrumnet Name :	P7
Client Sample ID :	S32-0610	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:33:08	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.38	0.33	0.33	0.35	8.79	ppb
Molybdenum	95-1	0.46	0.38	0.38	0.41	11.19	ppb
Molybdenum	96-1	0.37	0.35	0.33	0.35	4.60	ppb
Molybdenum	97-1	0.47	0.45	0.48	0.47	3.49	ppb
Molybdenum	98-1	0.37	0.37	0.39	0.38	3.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.81	3.01	2.78	2.87	4.48	ppb
Phosphorus	31-2	139.80	134.82	65.70	113.44	36.51	ppb
Potassium	39-2	5947.17	5990.41	6023.70	5987.10	0.64	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.22	4.88	3.68	3.26	57.16	ppb
Selenium	78-2	-0.26	0.73	-2.47	-0.67		ppb
Selenium	82-1	-1.13	-1.83	-1.63	-1.53		ppb
Silicon	28-1	7855.30	7851.23	7906.68	7871.07	0.39	ppb
Silver	109-1	0.32	0.43	0.31	0.35	18.37	ppb
Silver	107-1	0.34	0.30	0.33	0.32	6.41	ppb
Sodium	23-2	79385.24	79387.00	79115.39	79295.88	0.20	ppb
Strontium	86-1	535.34	532.96	535.82	534.71	0.29	ppb
Strontium	88-1	539.65	536.55	538.84	538.35	0.30	ppb
Sulfur	34-1	4247.37	4072.29	4268.89	4196.18	2.57	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.01	0.01	0.02	111.27	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	16.22	ppb
Tin	118-1	1.59	1.62	2.06	1.76	15.01	ppb
Titanium	47-1	4.12	4.09	4.20	4.14	1.41	ppb
Uranium	238-1	0.79	0.77	0.81	0.79	2.86	ppb
Vanadium	51-2	1.41	1.23	1.43	1.36	8.14	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	29.64	28.98	30.38	29.67	2.36	ppb
Zirconium	90-1	0.37	0.30	0.28	0.32	15.58	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-07	Instrumnet Name :	P7
Client Sample ID :	S32-0610	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:33:08	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.33	0.33	0.24	0.30	17.07	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-08	Instrumnet Name :	P7
Client Sample ID :	S32-0610MS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:36:39	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10426.87	10306.83	10428.04	10387.25	0.67	ppb
Antimony	121-1	461.86	461.91	458.23	460.66	0.46	ppb
Arsenic	75-2	567.56	567.04	566.77	567.12	0.07	ppb
Barium	135-1	2286.37	2273.08	2278.08	2279.18	0.29	ppb
Barium	137-1	2297.98	2286.00	2288.50	2290.83	0.28	ppb
Beryllium	9-1	408.95	406.20	406.21	407.12	0.39	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	443.76	465.27	439.17	449.40	3.10	ppb
Boron	11-1	438.40	443.08	454.65	445.38	1.88	ppb
Cadmium	111-1	451.19	457.37	450.93	453.16	0.80	ppb
Cadmium	106-1	439.36	445.56	453.74	446.22	1.62	ppb
Cadmium	108-1	448.88	446.28	441.50	445.55	0.84	ppb
Calcium	43-1	161478.58	163237.49	162753.76	162489.94	0.56	ppb
Calcium	44-1	158820.80	160606.95	158133.80	159187.18	0.80	ppb
Chromium	52-2	543.61	536.59	541.05	540.42	0.66	ppb
Cobalt	59-2	546.49	535.57	534.95	539.00	1.20	ppb
Copper	63-2	1254.26	1240.06	1233.79	1242.70	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	28664.08	28005.63	28026.22	28231.98	1.33	ppb
Iron	57-2	28418.21	28161.96	28072.48	28217.55	0.64	ppb
Lead	206-1	510.17	510.09	512.31	510.86	0.25	ppb
Lead	207-1	509.47	511.13	511.67	510.76	0.22	ppb
Lead	208-1	509.92	511.16	512.31	511.13	0.23	ppb
Lithium	6-1						%
Magnesium	24-2	91455.21	90591.76	90551.08	90866.02	0.56	ppb
Manganese	55-2	1487.75	1473.60	1471.25	1477.54	0.60	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-08	Instrumnet Name :	P7
Client Sample ID :	S32-0610MS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:36:39	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	474.62	469.28	474.48	472.79	0.64	ppb
Molybdenum	95-1	479.97	477.28	481.02	479.42	0.40	ppb
Molybdenum	96-1	477.20	474.05	479.52	476.93	0.58	ppb
Molybdenum	97-1	477.19	471.58	480.91	476.56	0.99	ppb
Molybdenum	98-1	474.61	476.91	480.58	477.37	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	560.47	548.71	546.81	552.00	1.34	ppb
Phosphorus	31-2	96.36	79.40	122.77	99.51	21.96	ppb
Potassium	39-2	29663.39	29023.39	29096.87	29261.22	1.20	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	432.20	420.72	466.44	439.79	5.41	ppb
Selenium	78-2	457.67	475.28	488.65	473.87	3.28	ppb
Selenium	82-1	485.74	485.66	499.60	490.33	1.64	ppb
Silicon	28-1	8252.21	8323.66	8275.14	8283.67	0.44	ppb
Silver	109-1	481.33	483.52	481.66	482.17	0.24	ppb
Silver	107-1	478.56	484.25	481.53	481.45	0.59	ppb
Sodium	23-2	134472.38	134369.19	133451.05	134097.54	0.42	ppb
Strontium	86-1	1019.11	1013.00	1021.53	1017.88	0.43	ppb
Strontium	88-1	1013.99	1015.42	1017.75	1015.72	0.19	ppb
Sulfur	34-1	4159.76	4476.09	4282.71	4306.19	3.70	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	508.28	509.77	509.48	509.18	0.16	ppb
Thallium	205-1	508.73	505.72	511.04	508.50	0.52	ppb
Tin	118-1	435.00	440.68	435.84	437.17	0.70	ppb
Titanium	47-1	467.09	477.51	474.10	472.90	1.12	ppb
Uranium	238-1	495.45	489.58	491.33	492.12	0.61	ppb
Vanadium	51-2	522.97	514.66	515.70	517.78	0.88	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1040.08	1022.30	1019.95	1027.45	1.07	ppb
Zirconium	90-1	469.79	470.04	473.08	470.97	0.39	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-08	Instrumnet Name :	P7
Client Sample ID :	S32-0610MS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:36:39	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	470.07	468.58	471.74	470.13	0.34	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-09	Instrumnet Name :	P7
Client Sample ID :	S32-0610MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:40:09	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10626.58	10639.05	10622.82	10629.48	0.08	ppb
Antimony	121-1	481.16	470.76	476.95	476.29	1.10	ppb
Arsenic	75-2	575.46	586.80	574.48	578.91	1.18	ppb
Barium	135-1	2391.94	2349.92	2367.79	2369.88	0.89	ppb
Barium	137-1	2389.70	2358.42	2378.52	2375.55	0.67	ppb
Beryllium	9-1	421.27	422.01	421.65	421.64	0.09	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	457.28	469.34	464.04	463.55	1.30	ppb
Boron	11-1	462.99	464.07	464.53	463.87	0.17	ppb
Cadmium	111-1	473.72	464.88	467.20	468.60	0.98	ppb
Cadmium	106-1	461.81	449.69	458.27	456.59	1.37	ppb
Cadmium	108-1	480.16	469.19	475.15	474.83	1.16	ppb
Calcium	43-1	162425.86	162221.26	163380.83	162675.99	0.38	ppb
Calcium	44-1	161008.21	159871.75	161145.72	160675.23	0.44	ppb
Chromium	52-2	549.46	552.11	551.53	551.03	0.25	ppb
Cobalt	59-2	549.11	552.69	553.70	551.84	0.44	ppb
Copper	63-2	1272.33	1276.06	1272.56	1273.65	0.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	29200.17	29297.68	28937.88	29145.24	0.64	ppb
Iron	57-2	28925.65	29196.07	28854.71	28992.14	0.62	ppb
Lead	206-1	517.58	522.97	524.29	521.61	0.68	ppb
Lead	207-1	520.86	527.60	524.77	524.41	0.65	ppb
Lead	208-1	520.05	526.17	526.21	524.14	0.68	ppb
Lithium	6-1						%
Magnesium	24-2	89688.03	90199.82	89099.30	89662.38	0.61	ppb
Manganese	55-2	1512.27	1508.55	1498.42	1506.41	0.48	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-09	Instrumnet Name :	P7
Client Sample ID :	S32-0610MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:40:09	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	489.15	489.25	488.63	489.01	0.07	ppb
Molybdenum	95-1	501.07	498.77	498.99	499.61	0.25	ppb
Molybdenum	96-1	494.27	499.74	493.22	495.74	0.71	ppb
Molybdenum	97-1	492.96	494.68	492.30	493.31	0.25	ppb
Molybdenum	98-1	494.74	501.62	498.96	498.44	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	556.71	563.96	563.35	561.34	0.72	ppb
Phosphorus	31-2	108.63	98.94	93.02	100.20	7.86	ppb
Potassium	39-2	29700.03	29950.83	29803.28	29818.04	0.42	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	470.97	492.48	512.16	491.87	4.19	ppb
Selenium	78-2	500.89	487.55	488.73	492.39	1.50	ppb
Selenium	82-1	501.34	502.62	511.86	505.28	1.14	ppb
Silicon	28-1	8292.09	8257.60	8279.18	8276.29	0.21	ppb
Silver	109-1	502.92	492.26	497.08	497.42	1.07	ppb
Silver	107-1	503.95	490.77	497.64	497.45	1.33	ppb
Sodium	23-2	131309.84	133935.03	131222.74	132155.87	1.17	ppb
Strontium	86-1	1020.11	1027.32	1021.58	1023.01	0.37	ppb
Strontium	88-1	1029.44	1028.78	1028.92	1029.05	0.03	ppb
Sulfur	34-1	4270.50	4333.58	4321.46	4308.51	0.78	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	514.28	523.20	525.59	521.03	1.14	ppb
Thallium	205-1	515.96	522.83	522.29	520.36	0.73	ppb
Tin	118-1	460.57	453.82	457.12	457.17	0.74	ppb
Titanium	47-1	489.27	485.72	485.39	486.79	0.44	ppb
Uranium	238-1	502.48	503.86	508.49	504.94	0.62	ppb
Vanadium	51-2	531.67	534.18	529.55	531.80	0.44	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1058.87	1058.30	1052.82	1056.66	0.32	ppb
Zirconium	90-1	481.90	488.42	482.09	484.14	0.77	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-09	Instrumnet Name :	P7
Client Sample ID :	S32-0610MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:40:09	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	481.31	486.69	477.26	481.75	0.98	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-07A	Instrumnet Name :	P7
Client Sample ID :	S32-0610A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:43:40	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10585.80	10546.73	10493.28	10541.94	0.44	ppb
Antimony	121-1	469.96	469.81	469.94	469.90	0.02	ppb
Arsenic	75-2	570.22	576.54	576.84	574.53	0.65	ppb
Barium	135-1	2365.14	2332.37	2346.65	2348.05	0.70	ppb
Barium	137-1	2358.89	2365.65	2379.86	2368.13	0.45	ppb
Beryllium	9-1	426.10	424.29	418.85	423.08	0.89	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	473.92	487.05	476.58	479.18	1.45	ppb
Boron	11-1	471.52	475.88	466.21	471.20	1.03	ppb
Cadmium	111-1	467.29	468.30	468.10	467.90	0.11	ppb
Cadmium	106-1	476.69	470.43	485.88	477.67	1.63	ppb
Cadmium	108-1	449.36	467.54	468.96	461.96	2.37	ppb
Calcium	43-1	163798.00	163529.83	163282.24	163536.69	0.16	ppb
Calcium	44-1	161516.74	160071.34	161049.07	160879.05	0.46	ppb
Chromium	52-2	541.62	547.48	542.77	543.96	0.57	ppb
Cobalt	59-2	539.11	549.44	544.62	544.39	0.95	ppb
Copper	63-2	1247.21	1267.77	1244.40	1253.13	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	28699.52	28722.56	28304.94	28575.67	0.82	ppb
Iron	57-2	28589.75	28903.66	28423.24	28638.88	0.85	ppb
Lead	206-1	519.87	517.41	517.36	518.21	0.28	ppb
Lead	207-1	522.63	519.68	519.09	520.47	0.37	ppb
Lead	208-1	523.25	520.75	520.08	521.36	0.32	ppb
Lithium	6-1						%
Magnesium	24-2	90086.40	91069.95	90704.52	90620.29	0.55	ppb
Manganese	55-2	1478.73	1492.33	1480.59	1483.88	0.50	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-07A	Instrumnet Name :	P7
Client Sample ID :	S32-0610A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:43:40	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	482.67	485.58	484.03	484.09	0.30	ppb
Molybdenum	95-1	494.91	489.49	495.69	493.36	0.68	ppb
Molybdenum	96-1	490.80	489.21	490.55	490.19	0.17	ppb
Molybdenum	97-1	489.16	482.48	493.07	488.24	1.10	ppb
Molybdenum	98-1	493.43	488.39	488.28	490.03	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	552.59	561.60	551.69	555.29	0.99	ppb
Phosphorus	31-2	160.21	99.06	135.44	131.57	23.38	ppb
Potassium	39-2	29427.43	29746.49	29340.58	29504.84	0.72	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	475.05	508.63	466.12	483.27	4.64	ppb
Selenium	78-2	460.17	491.57	462.08	471.27	3.74	ppb
Selenium	82-1	503.00	492.38	502.93	499.44	1.22	ppb
Silicon	28-1	8413.09	8311.90	8344.80	8356.60	0.62	ppb
Silver	109-1	498.81	496.47	496.94	497.41	0.25	ppb
Silver	107-1	492.43	492.22	492.18	492.28	0.03	ppb
Sodium	23-2	133611.33	137008.89	133830.08	134816.77	1.41	ppb
Strontium	86-1	1032.53	1021.94	1017.45	1023.97	0.76	ppb
Strontium	88-1	1033.19	1032.52	1031.07	1032.26	0.11	ppb
Sulfur	34-1	3959.84	3918.70	4301.83	4060.12	5.18	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	527.05	519.82	520.10	522.33	0.78	ppb
Thallium	205-1	521.90	514.42	522.54	519.62	0.87	ppb
Tin	118-1	451.33	450.85	450.37	450.85	0.11	ppb
Titanium	47-1	492.99	489.78	485.99	489.59	0.72	ppb
Uranium	238-1	508.17	504.12	501.50	504.60	0.67	ppb
Vanadium	51-2	524.92	529.46	523.76	526.05	0.57	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1033.17	1050.31	1037.46	1040.31	0.86	ppb
Zirconium	90-1	481.23	479.70	479.94	480.29	0.17	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-07A	Instrumnet Name :	P7
Client Sample ID :	S32-0610A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:43:40	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	482.05	481.25	480.68	481.33	0.14	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-10	Instrumnet Name :	P7
Client Sample ID :	S32-0617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:47:11	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	164.55	155.84	174.13	164.84	5.55	ppb
Antimony	121-1	1.88	1.73	1.82	1.81	4.13	ppb
Arsenic	75-2	33.60	32.46	32.61	32.89	1.88	ppb
Barium	135-1	13.13	13.80	13.07	13.33	3.03	ppb
Barium	137-1	13.65	13.18	13.36	13.40	1.79	ppb
Beryllium	9-1	0.09	0.23	0.09	0.13	59.19	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	77.34	75.38	78.30	77.01	1.93	ppb
Boron	11-1	75.13	80.52	77.56	77.74	3.47	ppb
Cadmium	111-1	-0.05	-0.07	-0.12	-0.08		ppb
Cadmium	106-1	-2.63	-3.92	-3.20	-3.25		ppb
Cadmium	108-1	0.14	0.27	0.27	0.23	33.90	ppb
Calcium	43-1	3607.08	3602.83	3784.24	3664.72	2.83	ppb
Calcium	44-1	3566.03	3541.70	3587.20	3564.98	0.64	ppb
Chromium	52-2	40.84	40.68	40.73	40.75	0.21	ppb
Cobalt	59-2	0.55	0.52	0.55	0.54	3.12	ppb
Copper	63-2	9.12	8.97	9.02	9.04	0.86	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	650.61	639.44	645.54	645.20	0.87	ppb
Iron	57-2	687.83	634.19	623.76	648.59	5.30	ppb
Lead	206-1	0.78	0.92	0.84	0.85	8.25	ppb
Lead	207-1	0.76	0.88	0.72	0.79	10.61	ppb
Lead	208-1	0.80	0.83	0.79	0.81	2.30	ppb
Lithium	6-1						%
Magnesium	24-2	2133.20	2122.20	2129.34	2128.25	0.26	ppb
Manganese	55-2	13.00	13.09	12.61	12.90	1.96	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-10	Instrumnet Name :	P7
Client Sample ID :	S32-0617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:47:11	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.37	1.28	1.37	1.34	3.74	ppb
Molybdenum	95-1	3.40	3.19	3.16	3.25	4.03	ppb
Molybdenum	96-1	2.71	3.10	3.07	2.96	7.38	ppb
Molybdenum	97-1	3.35	3.10	3.26	3.24	3.82	ppb
Molybdenum	98-1	3.38	3.50	3.48	3.45	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.19	25.78	25.84	25.61	1.40	ppb
Phosphorus	31-2	60.73	99.00	40.85	66.86	44.20	ppb
Potassium	39-2	12013.83	11965.07	11986.24	11988.38	0.20	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.48	1.24	1.23	1.65	43.66	ppb
Selenium	78-2	0.24	2.89	0.20	1.11	139.07	ppb
Selenium	82-1	-1.19	0.60	0.68	0.03	3645.74	ppb
Silicon	28-1	4292.60	4257.67	4247.72	4266.00	0.55	ppb
Silver	109-1	0.33	0.20	0.30	0.28	25.72	ppb
Silver	107-1	0.28	0.30	0.25	0.28	9.38	ppb
Sodium	23-2	174138.56	173037.33	174514.27	173896.72	0.44	ppb
Strontium	86-1	61.54	62.14	61.82	61.83	0.49	ppb
Strontium	88-1	63.69	64.12	63.99	63.93	0.35	ppb
Sulfur	34-1	30070.43	29523.31	28903.43	29499.06	1.98	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.20	0.22	0.18	0.20	9.72	ppb
Thallium	205-1	0.21	0.21	0.23	0.21	5.44	ppb
Tin	118-1	2.61	2.54	2.41	2.52	4.03	ppb
Titanium	47-1	6.32	5.71	6.29	6.11	5.61	ppb
Uranium	238-1	2.49	2.47	2.43	2.46	1.26	ppb
Vanadium	51-2	3.65	3.45	3.75	3.62	4.15	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	25.82	24.93	26.53	25.76	3.10	ppb
Zirconium	90-1	0.39	0.43	0.33	0.38	13.38	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-10	Instrumnet Name :	P7
Client Sample ID :	S32-0617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:47:11	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.38	0.40	0.36	0.38	4.49	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-11	Instrumnet Name :	P7
Client Sample ID :	S32-0591	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:50:42	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.42	14.61	15.06	13.36	19.14	ppb
Antimony	121-1	1.02	0.99	0.97	0.99	2.74	ppb
Arsenic	75-2	52.90	54.74	53.72	53.78	1.71	ppb
Barium	135-1	9.11	9.59	8.85	9.18	4.07	ppb
Barium	137-1	8.75	9.05	8.71	8.84	2.07	ppb
Beryllium	9-1	0.22	0.12	0.08	0.14	52.32	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	58.33	57.37	59.11	58.27	1.50	ppb
Boron	11-1	59.58	60.39	62.28	60.75	2.29	ppb
Cadmium	111-1	-0.24	0.07	-0.22	-0.13		ppb
Cadmium	106-1	-4.05	0.06	-3.71	-2.57		ppb
Cadmium	108-1	0.00	0.14	0.14	0.09	86.60	ppb
Calcium	43-1	31291.96	31079.07	31341.56	31237.53	0.45	ppb
Calcium	44-1	30883.44	30766.95	30891.20	30847.20	0.23	ppb
Chromium	52-2	30.30	29.29	29.45	29.68	1.84	ppb
Cobalt	59-2	0.80	0.78	0.82	0.80	2.19	ppb
Copper	63-2	4.00	4.10	3.91	4.00	2.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	319.90	314.37	316.49	316.92	0.88	ppb
Iron	57-2	349.64	339.20	359.61	349.49	2.92	ppb
Lead	206-1	0.20	0.21	0.23	0.22	7.38	ppb
Lead	207-1	0.26	0.24	0.31	0.27	13.01	ppb
Lead	208-1	0.24	0.24	0.27	0.25	7.61	ppb
Lithium	6-1						%
Magnesium	24-2	10142.11	10131.23	10037.89	10103.74	0.57	ppb
Manganese	55-2	43.45	41.78	43.34	42.86	2.18	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-11	Instrumnet Name :	P7
Client Sample ID :	S32-0591	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:50:42	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.90	0.84	0.98	0.91	7.74	ppb
Molybdenum	95-1	2.06	2.27	2.17	2.17	4.81	ppb
Molybdenum	96-1	1.74	1.94	1.97	1.88	6.74	ppb
Molybdenum	97-1	2.01	2.28	2.22	2.17	6.40	ppb
Molybdenum	98-1	2.28	2.20	2.44	2.31	5.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.89	28.61	27.33	27.95	2.29	ppb
Phosphorus	31-2	36.29	60.58	40.64	45.84	28.26	ppb
Potassium	39-2	5114.32	5098.47	5051.99	5088.26	0.64	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.49	2.50	0.00	1.66	86.60	ppb
Selenium	78-2	0.07	0.50	-0.79	-0.07		ppb
Selenium	82-1	-1.45	-0.52	-2.63	-1.53		ppb
Silicon	28-1	4861.69	4888.33	4965.28	4905.10	1.10	ppb
Silver	109-1	0.24	0.24	0.25	0.25	2.51	ppb
Silver	107-1	0.22	0.23	0.27	0.24	10.68	ppb
Sodium	23-2	99809.14	100621.06	99689.03	100039.75	0.51	ppb
Strontium	86-1	196.49	202.56	202.44	200.50	1.73	ppb
Strontium	88-1	200.10	202.33	202.45	201.63	0.66	ppb
Sulfur	34-1	26910.19	26935.85	27436.47	27094.17	1.10	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.05	0.02	0.04	36.47	ppb
Thallium	205-1	0.05	0.04	0.03	0.04	24.22	ppb
Tin	118-1	2.07	2.00	2.03	2.03	1.64	ppb
Titanium	47-1	0.94	0.79	1.33	1.02	27.04	ppb
Uranium	238-1	1.13	1.01	1.13	1.09	6.44	ppb
Vanadium	51-2	0.70	0.89	0.72	0.77	13.26	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.46	8.06	8.04	8.19	2.92	ppb
Zirconium	90-1	0.13	0.14	0.18	0.15	16.05	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-11	Instrumnet Name :	P7
Client Sample ID :	S32-0591	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:50:42	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.04	0.17	0.11	61.62	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-12	Instrumnet Name :	P7
Client Sample ID :	S32-0592	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:54:14	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.19	11.26	13.32	13.92	21.63	ppb
Antimony	121-1	0.91	0.94	0.92	0.92	1.21	ppb
Arsenic	75-2	50.68	51.39	51.25	51.11	0.74	ppb
Barium	135-1	8.86	8.92	8.53	8.77	2.36	ppb
Barium	137-1	8.80	8.64	8.98	8.81	1.89	ppb
Beryllium	9-1	0.07	0.10	0.04	0.07	40.47	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	58.36	47.65	61.31	55.78	12.89	ppb
Boron	11-1	55.84	56.93	58.12	56.96	2.00	ppb
Cadmium	111-1	-0.27	-0.17	-0.10	-0.18		ppb
Cadmium	106-1	-4.70	-2.79	-1.47	-2.99		ppb
Cadmium	108-1	0.00	0.14	0.41	0.18	114.28	ppb
Calcium	43-1	30564.21	30768.88	30329.49	30554.19	0.72	ppb
Calcium	44-1	30264.10	30006.18	30347.28	30205.85	0.59	ppb
Chromium	52-2	28.06	28.59	27.59	28.08	1.77	ppb
Cobalt	59-2	0.68	0.74	0.72	0.71	3.88	ppb
Copper	63-2	3.69	3.98	3.81	3.83	3.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	302.45	300.49	297.96	300.30	0.75	ppb
Iron	57-2	339.52	321.09	342.42	334.34	3.46	ppb
Lead	206-1	0.27	0.18	0.18	0.21	25.59	ppb
Lead	207-1	0.19	0.30	0.29	0.26	22.33	ppb
Lead	208-1	0.24	0.23	0.23	0.23	1.96	ppb
Lithium	6-1						%
Magnesium	24-2	9806.80	9842.63	9750.31	9799.91	0.47	ppb
Manganese	55-2	40.93	41.75	40.49	41.06	1.56	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-12	Instrumnet Name :	P7
Client Sample ID :	S32-0592	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:54:14	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.82	0.78	0.64	0.74	12.72	ppb
Molybdenum	95-1	2.25	2.19	2.26	2.23	1.91	ppb
Molybdenum	96-1	1.93	2.11	2.04	2.03	4.46	ppb
Molybdenum	97-1	2.34	2.00	2.55	2.30	12.00	ppb
Molybdenum	98-1	2.22	2.25	2.21	2.22	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.84	26.34	26.38	26.19	1.15	ppb
Phosphorus	31-2	21.11	41.44	65.71	42.75	52.23	ppb
Potassium	39-2	4956.25	4922.09	4960.37	4946.24	0.42	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.26	1.27	1.26	1.26	0.77	ppb
Selenium	78-2	-2.13	-1.23	2.85	-0.17		ppb
Selenium	82-1	-0.18	-0.86	0.98	-0.02		ppb
Silicon	28-1	4898.35	4853.79	4852.15	4868.10	0.54	ppb
Silver	109-1	0.22	0.26	0.21	0.23	11.49	ppb
Silver	107-1	0.21	0.21	0.23	0.22	4.18	ppb
Sodium	23-2	96448.43	96675.70	97123.35	96749.16	0.35	ppb
Strontium	86-1	198.03	198.63	195.75	197.47	0.77	ppb
Strontium	88-1	199.25	199.01	198.17	198.81	0.28	ppb
Sulfur	34-1	26541.16	26164.36	26456.39	26387.30	0.75	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.02	0.02	0.02	29.29	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	13.22	ppb
Tin	118-1	1.83	1.95	1.76	1.85	5.28	ppb
Titanium	47-1	1.40	1.28	1.02	1.23	15.52	ppb
Uranium	238-1	1.04	0.98	1.12	1.05	7.02	ppb
Vanadium	51-2	0.78	0.91	0.82	0.83	8.20	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	9.14	8.03	8.30	8.49	6.84	ppb
Zirconium	90-1	0.12	0.11	0.11	0.11	6.23	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-12	Instrumnet Name :	P7
Client Sample ID :	S32-0592	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:54:14	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.04	0.11	0.08	49.04	ppb

LB Number : LB90717 Operator : Jaswal
 Lab Sample ID : I5469-13 Instrumnet Name : P7
 Client Sample ID : S32-EB-2017-2 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-09 18:57:45 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.73	6.39	4.95	5.36	16.83	ppb
Antimony	121-1	0.29	0.34	0.38	0.34	13.27	ppb
Arsenic	75-2	0.18	0.11	0.06	0.12	47.75	ppb
Barium	135-1	0.43	0.67	0.50	0.53	23.83	ppb
Barium	137-1	0.55	0.59	0.47	0.54	11.40	ppb
Beryllium	9-1	0.04	0.06	0.15	0.08	69.99	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	15.67	16.31	14.04	15.34	7.64	ppb
Boron	11-1	14.51	14.68	14.90	14.70	1.33	ppb
Cadmium	111-1	-0.10	-0.01	-0.08	-0.06		ppb
Cadmium	106-1	-2.45	-1.15	-1.95	-1.85		ppb
Cadmium	108-1	0.12	0.00	0.13	0.08	86.64	ppb
Calcium	43-1	210.39	210.90	256.68	225.99	11.76	ppb
Calcium	44-1	228.21	225.25	220.46	224.64	1.74	ppb
Chromium	52-2	0.25	0.21	0.15	0.21	24.43	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	155.98	ppb
Copper	63-2	2.54	2.37	2.54	2.48	3.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	11.39	11.33	11.22	11.31	0.75	ppb
Iron	57-2	12.01	13.26	9.75	11.67	15.22	ppb
Lead	206-1	0.19	0.13	0.19	0.17	20.03	ppb
Lead	207-1	0.15	0.11	0.16	0.14	18.03	ppb
Lead	208-1	0.18	0.15	0.18	0.17	8.60	ppb
Lithium	6-1						%
Magnesium	24-2	15.43	16.66	18.72	16.94	9.82	ppb
Manganese	55-2	1.84	1.67	1.70	1.74	5.23	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-13	Instrumnet Name :	P7
Client Sample ID :	S32-EB-2017-2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:57:45	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.07	0.00	0.04	82.31	ppb
Molybdenum	95-1	0.08	0.04	0.11	0.08	47.04	ppb
Molybdenum	96-1	0.03	0.02	0.10	0.05	90.57	ppb
Molybdenum	97-1	0.12	0.07	0.07	0.09	29.28	ppb
Molybdenum	98-1	0.05	0.03	0.05	0.04	20.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.72	0.71	0.65	0.70	5.90	ppb
Phosphorus	31-2	2.35	-5.62	-1.73	-1.67		ppb
Potassium	39-2	140.71	140.60	143.06	141.46	0.98	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.06	0.00	0.00	0.35	173.21	ppb
Selenium	78-2	-0.82	-0.25	1.17	0.03	3045.96	ppb
Selenium	82-1	-1.74	-2.09	-0.34	-1.39		ppb
Silicon	28-1	472.53	464.81	471.76	469.70	0.91	ppb
Silver	109-1	0.05	0.10	0.08	0.08	33.26	ppb
Silver	107-1	0.07	0.09	0.09	0.08	14.72	ppb
Sodium	23-2	254.81	252.98	240.43	249.41	3.14	ppb
Strontium	86-1	0.68	0.47	0.33	0.49	35.38	ppb
Strontium	88-1	0.54	0.51	0.58	0.55	6.92	ppb
Sulfur	34-1	-1475.13	-1394.57	-1025.23	-1298.31		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.02	0.01	57.31	ppb
Thallium	205-1	0.03	0.01	0.03	0.03	49.95	ppb
Tin	118-1	0.09	0.05	0.09	0.08	31.21	ppb
Titanium	47-1	0.15	0.15	0.23	0.17	26.48	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	22.69	ppb
Vanadium	51-2	0.07	0.05	0.06	0.06	18.03	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	32.79	32.36	33.75	32.97	2.16	ppb
Zirconium	90-1	0.03	0.01	0.01	0.02	71.06	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-13	Instrumnet Name :	P7
Client Sample ID :	S32-EB-2017-2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:57:45	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.05	0.01	0.04	55.29	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 19:01:16	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50327.81	51650.84	50748.12	50908.92	1.33	ppb
Antimony	121-1	495.31	489.88	499.03	494.74	0.93	ppb
Arsenic	75-2	495.71	498.42	501.80	498.64	0.61	ppb
Barium	135-1	2538.56	2499.03	2520.54	2519.38	0.79	ppb
Barium	137-1	2522.23	2484.84	2523.20	2510.09	0.87	ppb
Beryllium	9-1	508.65	502.47	503.13	504.75	0.67	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	485.82	498.96	476.07	486.95	2.36	ppb
Boron	11-1	493.15	495.85	494.95	494.65	0.28	ppb
Cadmium	111-1	493.72	493.34	502.74	496.60	1.07	ppb
Cadmium	106-1	498.97	494.75	524.50	506.08	3.18	ppb
Cadmium	108-1	510.82	506.57	492.16	503.18	1.94	ppb
Calcium	43-1	235186.37	236392.54	235292.98	235623.96	0.28	ppb
Calcium	44-1	238052.90	239666.83	240710.96	239476.90	0.56	ppb
Chromium	52-2	496.30	512.22	502.57	503.70	1.59	ppb
Cobalt	59-2	484.18	499.00	488.75	490.64	1.55	ppb
Copper	63-2	947.23	978.45	958.31	961.33	1.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	123785.45	126912.00	124451.41	125049.62	1.32	ppb
Iron	57-2	121907.74	125692.79	123744.78	123781.77	1.53	ppb
Lead	206-1	505.35	503.20	501.29	503.28	0.40	ppb
Lead	207-1	509.52	503.24	504.33	505.70	0.66	ppb
Lead	208-1	509.78	505.25	503.21	506.08	0.66	ppb
Lithium	6-1						%
Magnesium	24-2	257102.06	263609.26	255376.63	258695.98	1.68	ppb
Manganese	55-2	984.67	1011.90	991.43	996.00	1.42	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 19:01:16	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	510.94	502.40	504.07	505.80	0.89	ppb
Molybdenum	95-1	503.66	508.16	505.94	505.92	0.44	ppb
Molybdenum	96-1	504.35	504.48	502.15	503.66	0.26	ppb
Molybdenum	97-1	503.59	508.74	503.39	505.24	0.60	ppb
Molybdenum	98-1	500.03	505.30	506.89	504.07	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.84	496.76	489.46	489.35	1.53	ppb
Phosphorus	31-2	10646.92	11242.65	10565.62	10818.40	3.42	ppb
Potassium	39-2	122343.53	125871.77	123007.82	123741.04	1.52	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	472.97	480.62	531.03	494.88	6.37	ppb
Selenium	78-2	488.94	499.47	492.87	493.76	1.08	ppb
Selenium	82-1	500.82	498.42	501.71	500.32	0.34	ppb
Silicon	28-1	550.37	561.19	563.76	558.44	1.27	ppb
Silver	109-1	495.05	498.37	497.83	497.09	0.36	ppb
Silver	107-1	493.84	492.96	500.96	495.92	0.89	ppb
Sodium	23-2	253852.69	265005.64	256351.29	258403.21	2.26	ppb
Strontium	86-1	512.55	516.24	524.66	517.82	1.20	ppb
Strontium	88-1	509.13	512.51	513.26	511.63	0.43	ppb
Sulfur	34-1	12003.67	11783.08	11688.02	11824.92	1.37	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	502.14	502.52	500.60	501.75	0.20	ppb
Thallium	205-1	502.95	497.55	499.36	499.96	0.55	ppb
Tin	118-1	506.31	500.55	506.29	504.38	0.66	ppb
Titanium	47-1	510.15	518.47	516.80	515.14	0.85	ppb
Uranium	238-1	522.59	522.41	523.03	522.68	0.06	ppb
Vanadium	51-2	496.53	510.40	502.82	503.25	1.38	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	936.39	969.29	954.69	953.45	1.73	ppb
Zirconium	90-1	504.22	503.50	504.80	504.17	0.13	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 19:01:16	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	500.57	501.77	504.51	502.28	0.40	ppb

LB Number : LB90717 Operator : Jaswal
 Lab Sample ID : CCB70 Instrumnet Name : P7
 Client Sample ID : CCB70 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-09 19:04:45 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.71	2.26	2.24	3.07	46.31	ppb
Antimony	121-1	1.57	1.31	1.35	1.41	9.79	ppb
Arsenic	75-2	0.09	0.09	0.12	0.10	20.67	ppb
Barium	135-1	0.27	0.20	0.10	0.19	45.63	ppb
Barium	137-1	0.20	0.14	0.15	0.16	17.73	ppb
Beryllium	9-1	0.15	0.16	0.07	0.13	38.86	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.86	10.13	9.76	9.58	6.82	ppb
Boron	11-1	9.04	9.23	7.97	8.75	7.72	ppb
Cadmium	111-1	0.12	0.11	0.20	0.14	34.94	ppb
Cadmium	106-1	1.18	0.75	1.73	1.22	40.34	ppb
Cadmium	108-1	0.00	0.31	0.00	0.10	173.21	ppb
Calcium	43-1	23.50	28.28	27.91	26.56	10.01	ppb
Calcium	44-1	20.95	18.69	19.19	19.61	6.06	ppb
Chromium	52-2	0.05	-0.01	0.01	0.02	177.78	ppb
Cobalt	59-2	0.01	0.02	0.01	0.01	43.69	ppb
Copper	63-2	0.27	0.27	0.28	0.27	3.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6.99	6.79	6.00	6.59	7.90	ppb
Iron	57-2	8.60	7.50	7.44	7.85	8.35	ppb
Lead	206-1	0.30	0.24	0.17	0.24	26.86	ppb
Lead	207-1	0.23	0.23	0.17	0.21	16.84	ppb
Lead	208-1	0.24	0.23	0.19	0.22	11.99	ppb
Lithium	6-1						%
Magnesium	24-2	11.99	10.77	12.52	11.76	7.63	ppb
Manganese	55-2	0.06	0.07	0.05	0.06	11.78	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 19:04:45	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.16	0.27	0.19	0.21	26.26	ppb
Molybdenum	95-1	0.51	0.43	0.39	0.44	14.30	ppb
Molybdenum	96-1	0.39	0.33	0.38	0.37	8.41	ppb
Molybdenum	97-1	0.73	0.25	0.52	0.50	48.55	ppb
Molybdenum	98-1	0.53	0.47	0.42	0.47	11.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.03	0.01	0.02	63.80	ppb
Phosphorus	31-2	3.12	-9.42	-0.86	-2.39		ppb
Potassium	39-2	43.17	41.22	41.82	42.07	2.37	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	3.38	1.13	173.21	ppb
Selenium	78-2	0.08	-1.39	1.80	0.16	979.93	ppb
Selenium	82-1	-2.22	-1.42	-0.16	-1.26		ppb
Silicon	28-1	2.43	1.78	1.05	1.75	39.47	ppb
Silver	109-1	0.10	0.08	0.10	0.09	9.87	ppb
Silver	107-1	0.07	0.06	0.06	0.06	10.40	ppb
Sodium	23-2	69.23	68.57	67.35	68.38	1.40	ppb
Strontium	86-1	0.04	-0.01	0.08	0.04	116.40	ppb
Strontium	88-1	0.04	0.06	0.05	0.05	28.62	ppb
Sulfur	34-1	-217.59	21.61	61.19	-44.93		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.13	0.13	0.08	0.11	27.51	ppb
Thallium	205-1	0.10	0.13	0.10	0.11	17.34	ppb
Tin	118-1	0.36	0.41	0.40	0.39	5.79	ppb
Titanium	47-1	0.26	0.26	0.13	0.22	34.69	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	15.42	ppb
Vanadium	51-2	0.04	0.07	0.03	0.05	41.30	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.89	1.19	1.20	1.09	16.41	ppb
Zirconium	90-1	0.13	0.10	0.08	0.10	25.62	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 19:04:45	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.04	0.12	0.07	59.33	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0594DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:08:16	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.74	3.99	2.86	3.53	16.83	ppb
Antimony	121-1	0.46	0.53	0.57	0.52	11.22	ppb
Arsenic	75-2	3.58	3.66	3.37	3.54	4.21	ppb
Barium	135-1	0.17	0.37	0.57	0.37	54.19	ppb
Barium	137-1	0.52	0.51	0.50	0.51	2.65	ppb
Beryllium	9-1	0.04	0.06	0.08	0.06	35.22	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	9.21	7.98	8.31	8.50	7.48	ppb
Boron	11-1	7.43	7.50	7.06	7.33	3.20	ppb
Cadmium	111-1	0.21	0.10	-0.02	0.10	117.74	ppb
Cadmium	106-1	2.60	1.05	-0.17	1.16	119.55	ppb
Cadmium	108-1	0.15	0.00	0.32	0.16	100.93	ppb
Calcium	43-1	2831.89	2714.70	2863.55	2803.38	2.80	ppb
Calcium	44-1	2868.76	2891.37	2870.74	2876.95	0.44	ppb
Chromium	52-2	0.20	0.13	0.22	0.18	27.64	ppb
Cobalt	59-2	-0.02	0.00	-0.01	-0.01		ppb
Copper	63-2	0.36	0.35	0.50	0.41	21.28	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	294.43	294.81	297.86	295.70	0.64	ppb
Iron	57-2	305.92	276.76	289.32	290.67	5.03	ppb
Lead	206-1	0.05	0.05	0.03	0.04	31.65	ppb
Lead	207-1	0.13	0.05	0.07	0.08	52.58	ppb
Lead	208-1	0.08	0.06	0.05	0.06	23.96	ppb
Lithium	6-1						%
Magnesium	24-2	910.92	919.35	924.57	918.28	0.75	ppb
Manganese	55-2	13.28	13.63	13.27	13.39	1.54	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0594DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:08:16	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.07	0.12	0.10	28.51	ppb
Molybdenum	95-1	0.28	0.12	0.14	0.18	47.98	ppb
Molybdenum	96-1	0.12	0.20	0.13	0.15	30.18	ppb
Molybdenum	97-1	0.10	0.18	0.20	0.16	31.10	ppb
Molybdenum	98-1	0.22	0.19	0.12	0.17	28.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	0.12	0.05	105.69	ppb
Phosphorus	31-2	48.07	43.83	40.38	44.09	8.74	ppb
Potassium	39-2	252.53	240.10	237.90	243.51	3.24	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	3.46	0.00	1.15	173.21	ppb
Selenium	78-2	1.50	2.03	2.34	1.95	21.72	ppb
Selenium	82-1	-0.48	-1.47	-1.33	-1.09		ppb
Silicon	28-1	522.43	524.93	523.11	523.49	0.25	ppb
Silver	109-1	0.09	0.10	0.10	0.10	6.67	ppb
Silver	107-1	0.11	0.09	0.08	0.10	16.66	ppb
Sodium	23-2	2290.67	2273.35	2282.11	2282.04	0.38	ppb
Strontium	86-1	15.31	14.65	15.48	15.15	2.89	ppb
Strontium	88-1	15.39	15.20	15.50	15.36	0.97	ppb
Sulfur	34-1	-392.60	135.53	-141.50	-132.85		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.03	0.02	0.04	58.52	ppb
Thallium	205-1	0.06	0.05	0.06	0.06	9.63	ppb
Tin	118-1	0.23	0.12	0.18	0.18	30.67	ppb
Titanium	47-1	0.13	0.22	0.58	0.31	75.63	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	35.80	ppb
Vanadium	51-2	0.07	0.04	0.04	0.05	27.79	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.77	2.27	2.06	2.03	12.30	ppb
Zirconium	90-1	0.09	0.14	0.15	0.13	28.31	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0594DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:08:16	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.04	0.06	0.05	17.67	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0594DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:11:48	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.10	2.59	2.14	2.94	34.74	ppb
Antimony	121-1	0.36	0.36	0.31	0.34	8.22	ppb
Arsenic	75-2	2.89	3.07	3.32	3.09	6.99	ppb
Barium	135-1	0.61	0.39	0.15	0.38	59.46	ppb
Barium	137-1	0.39	0.28	0.66	0.44	44.31	ppb
Beryllium	9-1	0.11	0.03	0.04	0.06	71.67	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.15	6.15	7.09	6.80	8.24	ppb
Boron	11-1	6.55	6.59	5.72	6.29	7.83	ppb
Cadmium	111-1	0.14	0.09	0.05	0.09	48.12	ppb
Cadmium	106-1	1.78	1.28	0.46	1.18	56.55	ppb
Cadmium	108-1	0.46	0.16	0.00	0.21	114.06	ppb
Calcium	43-1	2888.22	2928.33	2916.55	2911.03	0.71	ppb
Calcium	44-1	2936.48	2880.97	2889.14	2902.19	1.03	ppb
Chromium	52-2	0.30	0.11	0.20	0.20	45.44	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.45	0.46	0.49	0.47	5.14	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	301.36	300.30	302.40	301.35	0.35	ppb
Iron	57-2	294.19	297.84	294.75	295.59	0.67	ppb
Lead	206-1	0.00	0.01	-0.02	0.00		ppb
Lead	207-1	-0.02	0.04	0.06	0.03	148.72	ppb
Lead	208-1	0.01	0.03	0.04	0.03	68.48	ppb
Lithium	6-1						%
Magnesium	24-2	950.89	929.07	945.28	941.75	1.20	ppb
Manganese	55-2	13.70	13.41	13.44	13.51	1.17	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0594DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:11:48	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.08	0.09	0.08	9.91	ppb
Molybdenum	95-1	0.10	0.00	0.13	0.08	87.86	ppb
Molybdenum	96-1	0.14	0.10	0.10	0.11	20.80	ppb
Molybdenum	97-1	0.09	0.07	0.09	0.08	13.13	ppb
Molybdenum	98-1	0.08	0.12	0.09	0.10	21.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.04	0.01	0.03	60.12	ppb
Phosphorus	31-2	40.64	39.97	40.54	40.38	0.89	ppb
Potassium	39-2	243.41	245.68	228.67	239.26	3.86	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	3.47	-0.37	1.32	1.47	130.95	ppb
Selenium	82-1	-0.65	-0.78	-1.06	-0.83		ppb
Silicon	28-1	534.70	534.91	539.89	536.50	0.55	ppb
Silver	109-1	0.11	0.09	0.09	0.10	10.12	ppb
Silver	107-1	0.07	0.08	0.07	0.07	9.62	ppb
Sodium	23-2	2336.62	2273.72	2314.32	2308.22	1.38	ppb
Strontium	86-1	15.98	15.66	16.38	16.01	2.26	ppb
Strontium	88-1	15.77	15.70	15.93	15.80	0.74	ppb
Sulfur	34-1	-377.04	61.01	179.85	-45.39		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.03	0.01	105.44	ppb
Thallium	205-1	0.02	0.04	0.02	0.02	36.77	ppb
Tin	118-1	0.18	0.07	0.17	0.14	41.81	ppb
Titanium	47-1	0.31	0.40	0.18	0.30	37.06	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	50.03	ppb
Vanadium	51-2	0.05	0.12	0.07	0.08	45.05	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.62	1.91	1.89	1.81	9.02	ppb
Zirconium	90-1	0.11	0.09	0.12	0.11	15.03	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0594DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:11:48	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.07	0.06	0.05	48.27	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	S32-0594LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-10-09 19:15:20	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.67	2.09	0.40	1.05	86.25	ppb
Antimony	121-1	0.11	0.17	0.17	0.15	22.64	ppb
Arsenic	75-2	0.62	0.80	0.86	0.76	16.83	ppb
Barium	135-1	0.18	0.08	0.23	0.16	47.99	ppb
Barium	137-1	0.19	0.13	0.12	0.15	24.71	ppb
Beryllium	9-1	0.02	0.03	0.04	0.03	48.26	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.35	2.75	4.53	3.21	36.17	ppb
Boron	11-1	3.23	3.53	4.02	3.59	11.09	ppb
Cadmium	111-1	0.05	0.09	0.02	0.06	62.76	ppb
Cadmium	106-1	0.47	1.27	-0.19	0.52	141.76	ppb
Cadmium	108-1	0.00	0.00	0.32	0.11	173.21	ppb
Calcium	43-1	476.89	479.63	561.93	506.15	9.55	ppb
Calcium	44-1	544.13	551.76	553.69	549.86	0.92	ppb
Chromium	52-2	0.11	0.15	-0.09	0.06	228.37	ppb
Cobalt	59-2	0.00	-0.02	-0.02	-0.01		ppb
Copper	63-2	0.23	0.27	0.22	0.24	12.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	57.84	56.98	57.67	57.50	0.79	ppb
Iron	57-2	53.62	63.08	61.54	59.42	8.54	ppb
Lead	206-1	0.12	0.10	0.24	0.15	50.64	ppb
Lead	207-1	0.18	0.13	0.13	0.14	21.16	ppb
Lead	208-1	0.14	0.13	0.17	0.15	13.65	ppb
Lithium	6-1						%
Magnesium	24-2	179.28	179.41	173.96	177.55	1.75	ppb
Manganese	55-2	2.75	2.41	2.75	2.64	7.50	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	S32-0594LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-10-09 19:15:20	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.05	0.03	0.04	38.16	ppb
Molybdenum	95-1	0.05	0.06	0.10	0.07	36.25	ppb
Molybdenum	96-1	0.05	0.02	0.05	0.04	39.80	ppb
Molybdenum	97-1	0.07	0.13	0.11	0.10	28.89	ppb
Molybdenum	98-1	0.05	0.11	0.09	0.09	39.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.04	-0.03	-0.02		ppb
Phosphorus	31-2	31.00	8.53	-9.32	10.07	200.56	ppb
Potassium	39-2	50.97	58.81	53.25	54.34	7.42	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.16	0.00	0.00	0.39	173.21	ppb
Selenium	78-2	-1.98	0.75	-0.63	-0.62		ppb
Selenium	82-1	0.46	-2.68	-0.09	-0.77		ppb
Silicon	28-1	100.15	99.23	99.61	99.67	0.46	ppb
Silver	109-1	0.04	0.04	0.04	0.04	7.27	ppb
Silver	107-1	0.05	0.05	0.04	0.05	8.33	ppb
Sodium	23-2	422.47	436.61	420.58	426.55	2.05	ppb
Strontium	86-1	3.22	3.47	2.69	3.13	12.68	ppb
Strontium	88-1	3.14	3.04	3.02	3.07	2.10	ppb
Sulfur	34-1	-259.22	-157.09	-365.06	-260.46		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.00	0.00	-0.01		ppb
Thallium	205-1	0.02	0.01	0.01	0.01	45.41	ppb
Tin	118-1	0.14	0.12	0.10	0.12	16.76	ppb
Titanium	47-1	0.13	0.09	0.09	0.11	23.82	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	51.27	ppb
Vanadium	51-2	0.04	0.02	0.06	0.04	46.75	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.86	2.33	1.63	1.94	18.41	ppb
Zirconium	90-1	0.04	0.06	0.07	0.06	27.21	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	S32-0594LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-10-09 19:15:20	DataFile Name :	044SMPL.d

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

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-02DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0594MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:18:52	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	498.42	501.11	517.11	505.55	2.00	ppb
Antimony	121-1	23.30	23.14	23.47	23.30	0.70	ppb
Arsenic	75-2	24.89	26.11	29.15	26.72	8.21	ppb
Barium	135-1	124.14	123.57	124.10	123.94	0.26	ppb
Barium	137-1	122.83	124.49	125.20	124.17	0.98	ppb
Beryllium	9-1	22.64	22.64	22.95	22.75	0.80	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	25.40	26.54	30.65	27.53	10.02	ppb
Boron	11-1	27.49	26.71	28.77	27.66	3.76	ppb
Cadmium	111-1	24.48	24.47	24.11	24.35	0.86	ppb
Cadmium	106-1	31.38	27.74	22.79	27.30	15.80	ppb
Cadmium	108-1	23.69	27.31	22.77	24.59	9.77	ppb
Calcium	43-1	5298.15	5564.50	5637.68	5500.11	3.25	ppb
Calcium	44-1	5563.60	5536.59	5556.17	5552.12	0.25	ppb
Chromium	52-2	25.40	23.78	24.99	24.72	3.40	ppb
Cobalt	59-2	24.37	24.90	24.81	24.69	1.16	ppb
Copper	63-2	52.63	52.22	52.50	52.45	0.40	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	1593.30	1604.38	1610.12	1602.60	0.53	ppb
Iron	57-2	1603.07	1599.74	1618.60	1607.14	0.63	ppb
Lead	206-1	22.98	22.86	22.52	22.79	1.07	ppb
Lead	207-1	22.80	22.37	22.38	22.52	1.08	ppb
Lead	208-1	22.86	22.83	22.64	22.77	0.52	ppb
Lithium	6-1						%
Magnesium	24-2	3851.26	3830.97	3816.99	3833.07	0.45	ppb
Manganese	55-2	65.22	63.37	66.40	65.00	2.35	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-02DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0594MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:18:52	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	22.82	21.86	21.97	22.22	2.36	ppb
Molybdenum	95-1	25.43	24.80	25.91	25.38	2.19	ppb
Molybdenum	96-1	24.23	24.60	23.56	24.13	2.17	ppb
Molybdenum	97-1	24.01	23.68	24.10	23.93	0.93	ppb
Molybdenum	98-1	23.92	24.14	23.83	23.96	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.00	25.18	25.58	25.59	1.60	ppb
Phosphorus	31-2	44.34	-4.69	22.29	20.65	118.96	ppb
Potassium	39-2	1468.17	1493.17	1490.29	1483.88	0.92	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	27.98	26.72	24.46	26.38	6.76	ppb
Selenium	78-2	27.82	19.99	25.08	24.30	16.35	ppb
Selenium	82-1	21.89	26.98	24.80	24.56	10.41	ppb
Silicon	28-1	586.23	588.01	585.36	586.54	0.23	ppb
Silver	109-1	24.99	25.59	25.51	25.36	1.27	ppb
Silver	107-1	25.44	25.12	25.48	25.35	0.78	ppb
Sodium	23-2	5130.99	5151.96	5203.29	5162.08	0.72	ppb
Strontium	86-1	38.98	40.61	41.37	40.32	3.04	ppb
Strontium	88-1	38.55	38.86	38.15	38.52	0.92	ppb
Sulfur	34-1	-99.55	-92.78	-85.06	-92.46		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	23.26	22.67	23.33	23.09	1.56	ppb
Thallium	205-1	22.93	23.23	23.57	23.24	1.38	ppb
Tin	118-1	24.68	24.62	24.57	24.62	0.23	ppb
Titanium	47-1	24.34	23.16	23.56	23.68	2.54	ppb
Uranium	238-1	21.53	21.60	21.63	21.58	0.23	ppb
Vanadium	51-2	22.23	23.54	24.33	23.37	4.53	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	50.44	53.34	53.96	52.58	3.58	ppb
Zirconium	90-1	21.36	21.91	21.74	21.67	1.29	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-02DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0594MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:18:52	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	21.76	22.25	21.43	21.81	1.89	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-03DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0594MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:22:23	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	526.64	499.86	502.63	509.71	2.89	ppb
Antimony	121-1	24.14	23.45	24.42	24.01	2.08	ppb
Arsenic	75-2	28.02	27.31	27.32	27.55	1.47	ppb
Barium	135-1	130.90	127.28	124.42	127.54	2.55	ppb
Barium	137-1	126.17	124.89	126.95	126.00	0.83	ppb
Beryllium	9-1	23.56	23.25	23.28	23.37	0.73	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	28.95	34.88	33.74	32.53	9.68	ppb
Boron	11-1	28.07	29.22	29.63	28.97	2.78	ppb
Cadmium	111-1	24.25	24.90	24.21	24.45	1.58	ppb
Cadmium	106-1	24.11	25.68	24.61	24.80	3.24	ppb
Cadmium	108-1	24.47	26.04	26.90	25.80	4.78	ppb
Calcium	43-1	5681.84	5635.56	5540.68	5619.36	1.28	ppb
Calcium	44-1	5511.48	5559.25	5532.75	5534.50	0.43	ppb
Chromium	52-2	25.50	25.38	25.19	25.36	0.63	ppb
Cobalt	59-2	25.40	25.99	24.92	25.44	2.12	ppb
Copper	63-2	54.98	54.41	54.32	54.57	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1655.30	1659.22	1654.58	1656.37	0.15	ppb
Iron	57-2	1647.08	1676.69	1662.86	1662.21	0.89	ppb
Lead	206-1	23.13	23.52	23.25	23.30	0.85	ppb
Lead	207-1	22.82	24.02	24.20	23.68	3.19	ppb
Lead	208-1	23.26	23.60	23.49	23.45	0.74	ppb
Lithium	6-1						%
Magnesium	24-2	3818.84	3821.84	3820.43	3820.37	0.04	ppb
Manganese	55-2	66.06	66.37	66.24	66.22	0.24	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-03DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0594MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:22:23	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	23.09	23.91	22.84	23.28	2.41	ppb
Molybdenum	95-1	24.76	25.28	25.46	25.17	1.45	ppb
Molybdenum	96-1	23.72	23.74	24.45	23.97	1.72	ppb
Molybdenum	97-1	24.15	25.05	24.20	24.47	2.05	ppb
Molybdenum	98-1	25.43	24.79	25.28	25.17	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.20	24.51	25.52	25.08	2.04	ppb
Phosphorus	31-2	27.03	31.45	36.09	31.52	14.37	ppb
Potassium	39-2	1534.63	1494.28	1496.26	1508.39	1.51	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	23.42	21.19	25.83	23.48	9.87	ppb
Selenium	78-2	24.29	24.07	23.79	24.05	1.05	ppb
Selenium	82-1	22.55	22.70	25.00	23.42	5.87	ppb
Silicon	28-1	595.36	596.19	590.43	593.99	0.52	ppb
Silver	109-1	26.22	25.96	26.18	26.12	0.52	ppb
Silver	107-1	25.39	26.46	25.55	25.80	2.23	ppb
Sodium	23-2	5234.00	5308.34	5207.48	5249.94	1.00	ppb
Strontium	86-1	38.97	39.04	38.84	38.95	0.27	ppb
Strontium	88-1	39.88	39.47	39.27	39.54	0.78	ppb
Sulfur	34-1	191.02	271.28	-132.32	110.00	194.23	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	23.70	23.63	23.45	23.59	0.55	ppb
Thallium	205-1	23.51	23.28	23.94	23.57	1.41	ppb
Tin	118-1	25.31	24.80	26.53	25.55	3.49	ppb
Titanium	47-1	23.43	24.32	25.27	24.34	3.78	ppb
Uranium	238-1	22.05	22.15	22.22	22.14	0.39	ppb
Vanadium	51-2	24.43	24.35	23.65	24.14	1.78	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	51.86	52.74	54.31	52.97	2.34	ppb
Zirconium	90-1	22.22	22.29	22.73	22.41	1.23	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-03DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0594MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:22:23	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	21.06	22.40	22.55	22.00	3.73	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01ADLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0594ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:25:55	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	520.73	494.41	522.18	512.44	3.05	ppb
Antimony	121-1	24.12	23.79	23.64	23.85	1.02	ppb
Arsenic	75-2	27.62	28.71	27.64	27.99	2.22	ppb
Barium	135-1	123.30	126.10	124.98	124.79	1.13	ppb
Barium	137-1	126.04	124.78	128.22	126.35	1.38	ppb
Beryllium	9-1	24.61	22.05	22.83	23.17	5.66	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	29.93	28.35	27.27	28.52	4.68	ppb
Boron	11-1	28.71	27.78	31.34	29.28	6.31	ppb
Cadmium	111-1	25.32	24.12	24.42	24.62	2.52	ppb
Cadmium	106-1	26.35	25.67	24.33	25.45	4.04	ppb
Cadmium	108-1	25.87	25.71	23.97	25.18	4.17	ppb
Calcium	43-1	5722.51	5635.25	5963.79	5773.85	2.95	ppb
Calcium	44-1	5650.61	5636.14	5656.23	5647.66	0.18	ppb
Chromium	52-2	26.02	24.82	25.70	25.51	2.44	ppb
Cobalt	59-2	25.32	24.59	26.11	25.34	3.00	ppb
Copper	63-2	54.38	54.07	55.18	54.55	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1645.84	1646.69	1663.36	1651.96	0.60	ppb
Iron	57-2	1659.55	1675.08	1694.76	1676.46	1.05	ppb
Lead	206-1	23.19	23.76	23.46	23.47	1.21	ppb
Lead	207-1	23.25	23.83	23.54	23.54	1.23	ppb
Lead	208-1	23.41	23.73	23.71	23.62	0.77	ppb
Lithium	6-1						%
Magnesium	24-2	3838.94	3782.27	3924.38	3848.53	1.86	ppb
Manganese	55-2	65.97	67.49	67.26	66.91	1.23	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01ADLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0594ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:25:55	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	23.60	22.71	23.10	23.14	1.95	ppb
Molybdenum	95-1	24.98	25.69	25.27	25.31	1.40	ppb
Molybdenum	96-1	24.06	24.03	23.97	24.02	0.17	ppb
Molybdenum	97-1	25.01	25.38	24.68	25.02	1.39	ppb
Molybdenum	98-1	24.64	24.12	25.20	24.65	2.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.49	26.17	26.39	26.02	1.79	ppb
Phosphorus	31-2	40.34	62.51	36.91	46.59	29.83	ppb
Potassium	39-2	1516.33	1549.07	1554.47	1539.96	1.34	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	26.71	23.38	29.52	26.54	11.58	ppb
Selenium	78-2	25.18	22.29	29.05	25.51	13.30	ppb
Selenium	82-1	24.83	22.44	25.46	24.25	6.57	ppb
Silicon	28-1	600.06	593.10	597.99	597.05	0.60	ppb
Silver	109-1	25.34	25.98	25.78	25.70	1.26	ppb
Silver	107-1	26.23	26.41	26.08	26.24	0.63	ppb
Sodium	23-2	5273.18	5248.84	5358.68	5293.57	1.09	ppb
Strontium	86-1	40.54	40.27	39.14	39.98	1.86	ppb
Strontium	88-1	39.61	39.50	39.81	39.64	0.40	ppb
Sulfur	34-1	-2.23	51.10	133.93	60.93	112.60	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	23.67	24.15	23.67	23.83	1.16	ppb
Thallium	205-1	23.65	24.10	23.73	23.83	1.02	ppb
Tin	118-1	26.21	25.48	25.40	25.70	1.74	ppb
Titanium	47-1	24.64	26.58	27.01	26.08	4.85	ppb
Uranium	238-1	22.32	22.50	22.24	22.35	0.60	ppb
Vanadium	51-2	24.04	23.65	24.24	23.98	1.25	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	56.31	58.71	57.55	57.52	2.09	ppb
Zirconium	90-1	22.08	22.06	21.59	21.91	1.27	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01ADLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0594ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:25:55	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	21.95	22.01	23.18	22.38	3.09	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-04DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0615DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:29:28	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.92	1.67	1.40	1.33	28.50	ppb
Antimony	121-1	0.12	0.10	0.13	0.12	12.07	ppb
Arsenic	75-2	0.50	0.32	0.59	0.47	28.95	ppb
Barium	135-1	0.91	1.03	0.73	0.89	16.99	ppb
Barium	137-1	0.83	0.92	0.81	0.85	6.98	ppb
Beryllium	9-1	0.08	0.03	0.03	0.05	66.33	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.07	5.37	3.38	4.27	23.60	ppb
Boron	11-1	4.40	4.10	4.37	4.29	3.95	ppb
Cadmium	111-1	-0.12	-0.03	-0.08	-0.08		ppb
Cadmium	106-1	-2.08	-0.93	-0.93	-1.31		ppb
Cadmium	108-1	0.00	0.00	0.32	0.11	173.21	ppb
Calcium	43-1	584.77	573.78	552.66	570.40	2.86	ppb
Calcium	44-1	547.71	547.87	536.15	543.91	1.24	ppb
Chromium	52-2	0.19	0.14	0.16	0.17	15.82	ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.38	0.40	0.46	0.42	10.13	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	5.14	4.97	5.13	5.08	1.81	ppb
Iron	57-2	3.35	5.20	4.39	4.31	21.55	ppb
Lead	206-1	0.04	-0.01	-0.03	0.00	1891.76	ppb
Lead	207-1	0.03	0.01	0.00	0.01	130.13	ppb
Lead	208-1	0.03	0.03	0.00	0.02	79.90	ppb
Lithium	6-1						%
Magnesium	24-2	252.27	262.78	256.02	257.02	2.07	ppb
Manganese	55-2	1.93	1.90	1.62	1.82	9.37	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-04DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0615DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:29:28	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.03	0.07	0.07	48.64	ppb
Molybdenum	95-1	0.06	0.07	0.06	0.07	11.23	ppb
Molybdenum	96-1	0.06	0.11	0.08	0.08	29.72	ppb
Molybdenum	97-1	0.22	0.01	0.28	0.17	81.59	ppb
Molybdenum	98-1	0.12	0.12	0.13	0.12	5.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	-0.05	-0.01		ppb
Phosphorus	31-2	-18.08	9.16	-4.62	-4.51		ppb
Potassium	39-2	295.77	314.98	301.50	304.08	3.24	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	1.17	0.00	0.39	173.21	ppb
Selenium	78-2	0.24	1.57	1.19	1.00	68.88	ppb
Selenium	82-1	-0.49	-2.39	-1.49	-1.45		ppb
Silicon	28-1	288.24	285.78	287.20	287.07	0.43	ppb
Silver	109-1	0.07	0.11	0.08	0.09	26.13	ppb
Silver	107-1	0.07	0.11	0.07	0.08	21.41	ppb
Sodium	23-2	5219.18	5315.39	5213.18	5249.25	1.09	ppb
Strontium	86-1	3.18	3.82	3.53	3.51	9.02	ppb
Strontium	88-1	3.69	3.76	3.72	3.73	0.95	ppb
Sulfur	34-1	1769.32	1917.07	1643.36	1776.59	7.71	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.00	0.02	0.00	511.49	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	6.15	ppb
Tin	118-1	0.16	0.05	0.04	0.08	77.31	ppb
Titanium	47-1	0.14	0.05	0.05	0.08	66.53	ppb
Uranium	238-1	0.03	0.03	0.04	0.03	5.51	ppb
Vanadium	51-2	0.03	0.09	0.07	0.06	50.41	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.31	1.43	1.30	1.35	5.38	ppb
Zirconium	90-1	0.09	0.12	0.07	0.09	25.74	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-04DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0615DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:29:28	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.14	-0.01	0.05	145.93	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-05DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0600DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:33:00	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.96	0.65	3.30	2.30	62.48	ppb
Antimony	121-1	1.30	1.59	1.67	1.52	12.90	ppb
Arsenic	75-2	1.02	1.01	0.97	1.00	2.42	ppb
Barium	135-1	0.58	0.25	0.71	0.51	45.63	ppb
Barium	137-1	0.60	0.53	0.41	0.51	19.28	ppb
Beryllium	9-1	0.02	0.00	0.03	0.02	88.99	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.73	2.91	3.10	2.91	6.49	ppb
Boron	11-1	2.48	2.74	3.18	2.80	12.74	ppb
Cadmium	111-1	-0.06	-0.01	-0.02	-0.03		ppb
Cadmium	106-1	-0.76	-0.25	-0.42	-0.48		ppb
Cadmium	108-1	0.00	0.00	0.00	0.00	N/A	ppb
Calcium	43-1	984.73	1022.23	1058.98	1021.98	3.63	ppb
Calcium	44-1	1001.45	977.50	988.30	989.08	1.21	ppb
Chromium	52-2	0.15	0.07	0.37	0.20	79.43	ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.55	0.50	0.45	0.50	9.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	8.43	8.08	8.15	8.22	2.23	ppb
Iron	57-2	7.93	7.75	8.51	8.06	4.93	ppb
Lead	206-1	0.05	0.06	0.00	0.04	98.19	ppb
Lead	207-1	0.05	0.02	0.05	0.04	38.98	ppb
Lead	208-1	0.04	0.03	0.04	0.04	13.72	ppb
Lithium	6-1						%
Magnesium	24-2	419.66	389.01	421.95	410.21	4.48	ppb
Manganese	55-2	1.11	0.83	0.91	0.95	15.07	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-05DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0600DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:33:00	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.03	0.09	0.08	61.73	ppb
Molybdenum	95-1	0.03	0.04	0.09	0.05	64.04	ppb
Molybdenum	96-1	0.02	0.03	0.02	0.03	20.44	ppb
Molybdenum	97-1	0.09	0.14	0.17	0.13	29.88	ppb
Molybdenum	98-1	0.06	0.11	0.11	0.09	32.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.13	0.08	0.11	25.91	ppb
Phosphorus	31-2	5.04	8.44	-4.75	2.91	235.37	ppb
Potassium	39-2	905.14	874.89	868.74	882.92	2.21	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	1.16	1.16	0.77	86.60	ppb
Selenium	78-2	-0.34	-0.60	-0.61	-0.52		ppb
Selenium	82-1	0.01	-0.72	-0.83	-0.51		ppb
Silicon	28-1	140.89	144.68	144.12	143.23	1.43	ppb
Silver	109-1	0.04	0.04	0.06	0.05	25.93	ppb
Silver	107-1	0.03	0.08	0.08	0.07	42.14	ppb
Sodium	23-2	1074.98	1046.76	1065.36	1062.37	1.35	ppb
Strontium	86-1	9.31	9.07	9.31	9.23	1.48	ppb
Strontium	88-1	8.92	8.95	9.34	9.07	2.55	ppb
Sulfur	34-1	449.27	94.41	233.25	258.98	69.05	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	-0.01	0.00		ppb
Thallium	205-1	0.03	0.02	0.02	0.02	36.88	ppb
Tin	118-1	0.13	0.10	0.14	0.12	17.44	ppb
Titanium	47-1	0.27	0.14	0.14	0.18	41.85	ppb
Uranium	238-1	0.02	0.02	0.01	0.01	41.36	ppb
Vanadium	51-2	0.06	0.00	0.08	0.05	82.01	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.50	1.39	1.67	1.52	9.40	ppb
Zirconium	90-1	0.04	0.05	0.05	0.05	11.79	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-05DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0600DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:33:00	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.04	0.09	0.06	49.40	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-06DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0601-FDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:36:33	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.89	0.66	0.18	0.91	96.76	ppb
Antimony	121-1	1.87	1.80	1.90	1.86	2.65	ppb
Arsenic	75-2	0.89	0.99	1.24	1.04	17.58	ppb
Barium	135-1	0.28	0.51	0.69	0.49	41.22	ppb
Barium	137-1	0.51	0.50	0.60	0.53	10.31	ppb
Beryllium	9-1	0.02	0.04	0.04	0.03	46.45	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.69	3.14	2.55	2.46	29.63	ppb
Boron	11-1	2.93	2.68	2.25	2.62	13.01	ppb
Cadmium	111-1	0.06	0.06	-0.04	0.03	233.49	ppb
Cadmium	106-1	0.59	0.80	-0.58	0.27	271.90	ppb
Cadmium	108-1	0.16	0.16	0.00	0.11	86.60	ppb
Calcium	43-1	1049.79	1101.88	1168.05	1106.57	5.36	ppb
Calcium	44-1	1086.52	1038.61	1045.75	1056.96	2.45	ppb
Chromium	52-2	0.11	0.23	0.33	0.22	47.75	ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.59	0.44	0.52	0.52	14.31	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	8.14	8.13	8.74	8.34	4.21	ppb
Iron	57-2	8.30	9.52	6.09	7.97	21.78	ppb
Lead	206-1	-0.01	0.05	-0.01	0.01	358.90	ppb
Lead	207-1	0.01	0.03	0.07	0.04	83.93	ppb
Lead	208-1	0.03	0.05	0.03	0.04	30.89	ppb
Lithium	6-1						%
Magnesium	24-2	418.64	413.19	410.02	413.95	1.05	ppb
Manganese	55-2	1.01	0.95	1.11	1.02	7.63	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-06DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0601-FDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:36:33	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.06	0.05	0.05	16.00	ppb
Molybdenum	95-1	0.05	0.05	0.04	0.05	14.46	ppb
Molybdenum	96-1	0.04	0.05	0.07	0.05	27.50	ppb
Molybdenum	97-1	0.09	0.17	0.09	0.12	38.76	ppb
Molybdenum	98-1	0.09	0.10	0.06	0.08	25.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.13	0.12	0.10	36.99	ppb
Phosphorus	31-2	-4.60	26.21	8.67	10.10	153.09	ppb
Potassium	39-2	1028.95	989.29	1014.93	1011.06	1.99	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	0.40	-1.56	-0.46	-0.54		ppb
Selenium	82-1	-0.67	-0.67	-2.11	-1.15		ppb
Silicon	28-1	144.10	143.49	138.09	141.89	2.33	ppb
Silver	109-1	0.08	0.06	0.05	0.06	26.92	ppb
Silver	107-1	0.05	0.06	0.07	0.06	14.76	ppb
Sodium	23-2	1089.93	1082.99	1070.29	1081.07	0.92	ppb
Strontium	86-1	9.88	9.86	8.55	9.43	8.09	ppb
Strontium	88-1	9.29	9.66	9.30	9.42	2.26	ppb
Sulfur	34-1	590.48	899.66	447.50	645.88	35.78	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.00	0.01	150.11	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	101.09	ppb
Tin	118-1	0.06	0.09	0.09	0.08	25.31	ppb
Titanium	47-1	0.14	0.09	0.00	0.08	87.99	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	26.45	ppb
Vanadium	51-2	0.07	0.05	0.05	0.06	23.06	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.50	1.76	1.98	1.75	13.64	ppb
Zirconium	90-1	0.05	0.03	0.07	0.05	44.14	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-06DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0601-FDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:36:33	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	-0.01	0.03	0.00	428.37	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-07DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0610DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:40:04	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51.17	62.69	59.70	57.86	10.33	ppb
Antimony	121-1	0.12	0.09	0.11	0.10	14.45	ppb
Arsenic	75-2	3.72	3.44	3.86	3.67	5.86	ppb
Barium	135-1	1.81	1.46	1.58	1.62	10.86	ppb
Barium	137-1	1.48	1.48	1.71	1.56	8.45	ppb
Beryllium	9-1	-0.03	0.13	0.04	0.05	158.44	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.21	5.79	5.24	5.75	8.50	ppb
Boron	11-1	4.27	4.22	5.01	4.50	9.78	ppb
Cadmium	111-1	-0.21	0.04	0.04	-0.05		ppb
Cadmium	106-1	-2.89	0.04	0.36	-0.83		ppb
Cadmium	108-1	0.49	0.16	0.32	0.32	50.32	ppb
Calcium	43-1	5008.80	5315.70	5299.69	5208.07	3.32	ppb
Calcium	44-1	5138.99	5181.53	5134.72	5151.75	0.50	ppb
Chromium	52-2	0.00	0.28	0.20	0.16	89.27	ppb
Cobalt	59-2	0.10	0.09	0.09	0.09	7.32	ppb
Copper	63-2	7.76	7.99	8.04	7.93	1.86	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	104.70	104.07	109.19	105.99	2.63	ppb
Iron	57-2	100.18	106.63	124.43	110.41	11.37	ppb
Lead	206-1	0.61	0.66	0.58	0.62	6.44	ppb
Lead	207-1	0.52	0.59	0.59	0.57	7.20	ppb
Lead	208-1	0.59	0.63	0.58	0.60	4.00	ppb
Lithium	6-1						%
Magnesium	24-2	1658.51	1691.63	1731.85	1693.99	2.17	ppb
Manganese	55-2	23.52	23.31	24.13	23.65	1.80	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-07DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0610DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:40:04	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.00	0.04	0.02	91.76	ppb
Molybdenum	95-1	0.03	0.10	0.03	0.05	81.97	ppb
Molybdenum	96-1	0.04	0.01	0.03	0.03	51.02	ppb
Molybdenum	97-1	0.01	0.05	0.03	0.03	58.42	ppb
Molybdenum	98-1	0.06	0.07	0.06	0.06	12.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.29	0.15	0.21	33.21	ppb
Phosphorus	31-2	-0.57	-9.16	13.69	1.32	875.64	ppb
Potassium	39-2	290.14	293.03	327.62	303.59	6.87	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	-0.26	0.54	-1.02	-0.25		ppb
Selenium	82-1	-0.63	0.05	-0.74	-0.44		ppb
Silicon	28-1	400.61	404.52	400.59	401.91	0.56	ppb
Silver	109-1	0.08	0.07	0.09	0.08	9.42	ppb
Silver	107-1	0.06	0.08	0.08	0.07	13.93	ppb
Sodium	23-2	3722.63	3717.84	3863.60	3768.02	2.20	ppb
Strontium	86-1	25.03	24.89	25.83	25.25	2.01	ppb
Strontium	88-1	26.14	25.92	25.96	26.01	0.44	ppb
Sulfur	34-1	378.33	219.29	215.71	271.11	34.26	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.02	0.00	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	1.13	ppb
Tin	118-1	0.15	0.09	0.06	0.10	49.43	ppb
Titanium	47-1	0.18	0.23	0.27	0.23	19.14	ppb
Uranium	238-1	0.04	0.05	0.03	0.04	22.50	ppb
Vanadium	51-2	0.08	0.08	0.07	0.08	5.72	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.48	2.13	1.88	2.16	13.96	ppb
Zirconium	90-1	0.05	0.04	0.06	0.05	19.48	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-07DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0610DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:40:04	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.11	0.03	0.04	138.86	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 19:43:36	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51984.75	52124.61	51449.61	51852.99	0.69	ppb
Antimony	121-1	513.47	520.11	512.88	515.49	0.78	ppb
Arsenic	75-2	508.05	504.12	508.45	506.87	0.47	ppb
Barium	135-1	2609.66	2621.43	2637.20	2622.76	0.53	ppb
Barium	137-1	2589.91	2635.62	2588.99	2604.84	1.02	ppb
Beryllium	9-1	508.81	503.94	506.40	506.38	0.48	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	483.15	498.14	500.69	493.99	1.92	ppb
Boron	11-1	492.85	497.31	495.80	495.32	0.46	ppb
Cadmium	111-1	512.04	514.79	512.14	512.99	0.30	ppb
Cadmium	106-1	519.48	531.85	530.99	527.44	1.31	ppb
Cadmium	108-1	503.91	527.21	502.61	511.24	2.71	ppb
Calcium	43-1	236916.42	236121.35	234282.58	235773.45	0.57	ppb
Calcium	44-1	240535.24	240758.54	240341.75	240545.18	0.09	ppb
Chromium	52-2	504.60	505.99	500.39	503.66	0.58	ppb
Cobalt	59-2	488.23	491.51	486.39	488.71	0.53	ppb
Copper	63-2	955.93	957.07	942.80	951.93	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	126015.68	125099.18	124705.68	125273.51	0.54	ppb
Iron	57-2	124354.31	123772.96	122470.04	123532.44	0.78	ppb
Lead	206-1	503.15	510.29	505.03	506.16	0.73	ppb
Lead	207-1	511.03	518.34	511.06	513.48	0.82	ppb
Lead	208-1	508.02	513.04	510.01	510.36	0.50	ppb
Lithium	6-1						%
Magnesium	24-2	261298.56	261138.82	259407.17	260614.85	0.40	ppb
Manganese	55-2	1006.97	1006.09	993.43	1002.16	0.76	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 19:43:36	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	508.58	509.41	512.23	510.07	0.37	ppb
Molybdenum	95-1	514.58	515.47	510.28	513.44	0.54	ppb
Molybdenum	96-1	509.92	507.95	513.00	510.29	0.50	ppb
Molybdenum	97-1	510.09	511.83	507.95	509.95	0.38	ppb
Molybdenum	98-1	509.08	511.34	509.82	510.08	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.18	484.18	479.93	485.10	1.17	ppb
Phosphorus	31-2	11074.77	10743.77	10487.28	10768.61	2.74	ppb
Potassium	39-2	125932.17	126404.90	125809.72	126048.93	0.25	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	529.08	520.08	484.61	511.26	4.60	ppb
Selenium	78-2	488.04	507.08	505.79	500.30	2.13	ppb
Selenium	82-1	509.90	506.49	523.35	513.24	1.74	ppb
Silicon	28-1	577.93	576.55	591.46	581.98	1.42	ppb
Silver	109-1	509.79	510.56	511.14	510.49	0.13	ppb
Silver	107-1	513.02	514.69	516.09	514.60	0.30	ppb
Sodium	23-2	261888.23	259897.18	257961.06	259915.49	0.76	ppb
Strontium	86-1	531.29	523.40	525.69	526.79	0.77	ppb
Strontium	88-1	527.69	520.20	522.83	523.57	0.73	ppb
Sulfur	34-1	12656.40	12283.73	12481.10	12473.74	1.49	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	505.36	507.92	506.75	506.68	0.25	ppb
Thallium	205-1	508.58	512.67	501.76	507.67	1.09	ppb
Tin	118-1	525.09	521.57	519.79	522.15	0.52	ppb
Titanium	47-1	523.20	522.50	520.04	521.91	0.32	ppb
Uranium	238-1	526.76	530.74	527.80	528.43	0.39	ppb
Vanadium	51-2	510.83	505.58	500.85	505.75	0.99	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	963.36	949.20	948.75	953.77	0.87	ppb
Zirconium	90-1	503.81	510.48	505.81	506.70	0.67	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 19:43:36	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	505.71	504.10	503.31	504.37	0.24	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 19:47:05	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.03	1.09	2.02	1.71	31.33	ppb
Antimony	121-1	1.76	1.32	1.42	1.50	15.24	ppb
Arsenic	75-2	0.14	0.07	0.21	0.14	49.75	ppb
Barium	135-1	0.11	0.19	0.28	0.19	41.57	ppb
Barium	137-1	0.27	0.15	0.14	0.19	38.52	ppb
Beryllium	9-1	0.12	0.03	0.06	0.07	63.03	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.89	6.01	5.44	6.44	19.90	ppb
Boron	11-1	8.47	6.69	7.34	7.50	12.00	ppb
Cadmium	111-1	0.10	0.12	-0.10	0.04	289.21	ppb
Cadmium	106-1	0.71	1.20	-2.07	-0.05		ppb
Cadmium	108-1	0.35	0.17	0.00	0.17	99.98	ppb
Calcium	43-1	14.12	16.53	20.83	17.16	19.83	ppb
Calcium	44-1	12.53	12.01	16.16	13.57	16.69	ppb
Chromium	52-2	0.14	0.15	0.09	0.12	24.51	ppb
Cobalt	59-2	0.03	0.00	-0.02	0.00	590.12	ppb
Copper	63-2	0.25	0.20	0.32	0.25	23.82	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	6.45	6.48	5.93	6.29	4.85	ppb
Iron	57-2	7.51	3.42	2.38	4.43	61.14	ppb
Lead	206-1	0.23	0.25	0.21	0.23	10.09	ppb
Lead	207-1	0.22	0.18	0.12	0.17	28.13	ppb
Lead	208-1	0.24	0.24	0.20	0.23	9.38	ppb
Lithium	6-1						%
Magnesium	24-2	10.78	10.96	11.10	10.94	1.47	ppb
Manganese	55-2	0.09	0.05	0.05	0.06	37.94	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 19:47:05	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.17	0.24	0.25	0.22	20.70	ppb
Molybdenum	95-1	0.41	0.31	0.46	0.39	19.38	ppb
Molybdenum	96-1	0.37	0.43	0.21	0.34	33.61	ppb
Molybdenum	97-1	0.48	0.46	0.45	0.46	2.86	ppb
Molybdenum	98-1	0.49	0.45	0.51	0.48	6.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.04	0.02	0.03	37.98	ppb
Phosphorus	31-2	7.90	-9.40	-5.10	-2.20		ppb
Potassium	39-2	66.56	80.45	68.02	71.68	10.65	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.14	0.00	0.00	0.38	173.21	ppb
Selenium	78-2	1.53	2.97	1.03	1.84	54.72	ppb
Selenium	82-1	0.39	-0.75	-0.31	-0.22		ppb
Silicon	28-1	4.54	3.06	3.32	3.64	21.77	ppb
Silver	109-1	0.08	0.06	0.07	0.07	10.82	ppb
Silver	107-1	0.08	0.12	0.10	0.10	24.21	ppb
Sodium	23-2	70.68	75.36	74.39	73.48	3.36	ppb
Strontium	86-1	0.14	-0.07	0.09	0.06	203.33	ppb
Strontium	88-1	0.04	0.03	0.03	0.03	21.32	ppb
Sulfur	34-1	435.28	187.14	304.81	309.08	40.16	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.23	0.16	0.13	0.17	31.49	ppb
Thallium	205-1	0.24	0.23	0.16	0.21	19.86	ppb
Tin	118-1	0.52	0.47	0.43	0.48	9.44	ppb
Titanium	47-1	0.23	0.10	0.18	0.17	40.61	ppb
Uranium	238-1	0.02	0.04	0.01	0.02	51.57	ppb
Vanadium	51-2	0.02	0.02	0.03	0.02	34.49	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.08	-0.01	0.13	0.01	730.72	ppb
Zirconium	90-1	0.16	0.17	0.14	0.16	8.05	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 19:47:05	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.15	0.19	0.15	0.16	12.57	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	PB103086BL	Instrumnet Name :	P7
Client Sample ID :	PB103086BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 20:02:01	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.38	1.38	0.89	1.22	23.06	ppb
Antimony	121-1	0.08	0.10	0.13	0.10	22.62	ppb
Arsenic	75-2	0.02	0.02	0.07	0.04	84.87	ppb
Barium	135-1	0.03	-0.02	0.06	0.02	183.12	ppb
Barium	137-1	0.05	0.02	0.05	0.04	43.21	ppb
Beryllium	9-1	0.05	0.02	0.02	0.03	62.42	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.99	3.17	2.07	2.08	52.54	ppb
Boron	11-1	2.08	1.16	1.08	1.44	38.66	ppb
Cadmium	111-1	-0.10	-0.23	0.01	-0.11		ppb
Cadmium	106-1	-1.53	-3.48	0.15	-1.62		ppb
Cadmium	108-1	0.00	0.00	0.00	0.00	N/A	ppb
Calcium	43-1	4.84	7.23	9.56	7.21	32.76	ppb
Calcium	44-1	-0.18	0.26	-6.00	-1.97		ppb
Chromium	52-2	-0.05	0.19	0.12	0.09	143.99	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.16	0.09	0.06	0.10	49.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.96	1.62	1.79	1.79	9.41	ppb
Iron	57-2	-0.26	-0.25	3.57	1.02	216.34	ppb
Lead	206-1	0.04	0.11	0.08	0.08	43.31	ppb
Lead	207-1	0.13	0.13	0.10	0.12	13.81	ppb
Lead	208-1	0.11	0.12	0.11	0.11	9.89	ppb
Lithium	6-1						%
Magnesium	24-2	4.10	2.92	3.92	3.65	17.47	ppb
Manganese	55-2	0.01	-0.01	-0.05	-0.02		ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	PB103086BL	Instrumnet Name :	P7
Client Sample ID :	PB103086BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 20:02:01	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.03	0.01	0.01	179.07	ppb
Molybdenum	95-1	0.04	0.02	0.05	0.04	51.71	ppb
Molybdenum	96-1	0.04	0.02	0.01	0.02	68.40	ppb
Molybdenum	97-1	0.05	0.05	0.07	0.06	18.69	ppb
Molybdenum	98-1	0.05	0.06	0.04	0.05	24.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.03	0.03	0.02	54.33	ppb
Phosphorus	31-2	-9.20	4.14	-0.39	-1.82		ppb
Potassium	39-2	17.84	33.89	23.59	25.11	32.40	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	1.17	0.39	173.21	ppb
Selenium	78-2	-0.60	0.96	-1.15	-0.26		ppb
Selenium	82-1	-1.98	-0.56	-0.05	-0.86		ppb
Silicon	28-1	2.23	1.23	2.52	1.99	33.85	ppb
Silver	109-1	0.02	0.05	0.03	0.03	56.05	ppb
Silver	107-1	0.06	0.06	0.04	0.05	16.50	ppb
Sodium	23-2	30.43	32.01	33.06	31.83	4.16	ppb
Strontium	86-1	0.00	-0.03	0.02	0.00		ppb
Strontium	88-1	0.02	0.01	0.03	0.02	44.49	ppb
Sulfur	34-1	671.09	804.27	602.08	692.48	14.84	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.00	0.00	136.89	ppb
Thallium	205-1	0.05	0.02	0.03	0.03	35.67	ppb
Tin	118-1	0.04	0.02	0.05	0.03	48.70	ppb
Titanium	47-1	0.05	0.14	0.10	0.09	48.23	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	218.20	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	150.20	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.08	0.04	0.11	0.02	401.32	ppb
Zirconium	90-1	0.04	0.06	0.03	0.04	38.42	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	PB103086BL	Instrumnet Name :	P7
Client Sample ID :	PB103086BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 20:02:01	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.06	0.01	0.05	64.81	ppb

LB Number : LB90717 Operator : Jaswal
 Lab Sample ID : PB103086BS Instrumnet Name : P7
 Client Sample ID : PB103086BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-09 20:05:33 DataFile Name : 055LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46.43	35.34	38.08	39.95	14.45	ppb
Antimony	121-1	3.86	4.08	4.10	4.01	3.29	ppb
Arsenic	75-2	1.72	1.69	2.00	1.80	9.52	ppb
Barium	135-1	19.05	19.26	20.02	19.44	2.64	ppb
Barium	137-1	19.16	20.77	19.71	19.88	4.12	ppb
Beryllium	9-1	1.92	1.95	1.89	1.92	1.54	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	41.45	42.74	50.35	44.84	10.72	ppb
Boron	11-1	43.95	47.05	45.77	45.59	3.42	ppb
Cadmium	111-1	2.03	2.37	2.27	2.22	7.87	ppb
Cadmium	106-1	1.77	1.70	0.89	1.45	33.72	ppb
Cadmium	108-1	2.69	3.24	2.20	2.71	19.10	ppb
Calcium	43-1	1010.30	985.50	937.22	977.67	3.80	ppb
Calcium	44-1	907.24	893.94	911.43	904.20	1.01	ppb
Chromium	52-2	4.10	4.48	4.17	4.25	4.78	ppb
Cobalt	59-2	1.94	2.01	1.95	1.97	1.73	ppb
Copper	63-2	3.94	4.29	4.15	4.13	4.23	ppb
Dysprosium	156-1						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	395.47	406.91	400.89	401.09	1.43	ppb
Iron	57-2	408.06	404.98	407.97	407.00	0.43	ppb
Lead	206-1	2.01	2.17	2.06	2.08	3.90	ppb
Lead	207-1	2.01	2.00	2.02	2.01	0.67	ppb
Lead	208-1	1.99	2.06	2.10	2.05	2.91	ppb
Lithium	6-1						%
Magnesium	24-2	1015.64	1027.76	1006.62	1016.67	1.04	ppb
Manganese	55-2	2.04	1.92	2.15	2.04	5.67	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	PB103086BS	Instrumnet Name :	P7
Client Sample ID :	PB103086BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 20:05:33	DataFile Name :	055LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.21	4.19	4.10	4.17	1.38	ppb
Molybdenum	95-1	9.52	9.86	9.26	9.55	3.13	ppb
Molybdenum	96-1	8.51	8.21	8.14	8.28	2.42	ppb
Molybdenum	97-1	9.49	9.37	9.48	9.44	0.73	ppb
Molybdenum	98-1	9.89	9.02	9.60	9.51	4.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.16	2.27	2.27	2.23	2.85	ppb
Phosphorus	31-2	-5.02	12.76	3.88	3.87	229.43	ppb
Potassium	39-2	960.20	990.39	962.95	971.18	1.72	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	17.28	11.57	16.29	15.05	20.30	ppb
Selenium	78-2	8.70	14.89	8.08	10.56	35.70	ppb
Selenium	82-1	10.81	11.38	5.85	9.35	32.52	ppb
Silicon	28-1	29.74	28.07	28.48	28.76	3.03	ppb
Silver	109-1	2.06	2.10	2.08	2.08	0.99	ppb
Silver	107-1	2.19	2.12	2.05	2.12	3.23	ppb
Sodium	23-2	1014.72	1032.66	1034.70	1027.36	1.07	ppb
Strontium	86-1	2.05	2.09	2.08	2.07	1.01	ppb
Strontium	88-1	2.04	2.00	1.95	1.99	2.26	ppb
Sulfur	34-1	614.88	945.52	872.12	810.84	21.41	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.84	2.03	1.97	1.95	4.83	ppb
Thallium	205-1	1.90	2.06	1.90	1.95	4.59	ppb
Tin	118-1	9.31	10.58	9.58	9.82	6.85	ppb
Titanium	47-1	9.10	10.25	9.32	9.56	6.40	ppb
Uranium	238-1	1.85	1.75	1.80	1.80	2.74	ppb
Vanadium	51-2	9.27	9.19	9.37	9.28	0.97	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.91	4.15	5.18	4.74	11.30	ppb
Zirconium	90-1	1.84	2.12	1.88	1.94	7.84	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	PB103086BS	Instrumnet Name :	P7
Client Sample ID :	PB103086BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 20:05:33	DataFile Name :	055LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.55	1.73	1.96	1.75	11.93	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-08DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0610MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:09:05	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	549.23	563.63	537.15	550.00	2.41	ppb
Antimony	121-1	25.36	25.06	25.31	25.24	0.62	ppb
Arsenic	75-2	28.14	28.77	29.40	28.77	2.18	ppb
Barium	135-1	124.09	122.51	120.53	122.38	1.46	ppb
Barium	137-1	122.99	123.88	121.93	122.93	0.80	ppb
Beryllium	9-1	22.60	23.41	24.14	23.39	3.30	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	24.49	29.32	26.12	26.64	9.22	ppb
Boron	11-1	25.81	26.66	27.05	26.51	2.41	ppb
Cadmium	111-1	25.25	26.69	25.24	25.73	3.24	ppb
Cadmium	106-1	25.09	22.52	22.17	23.26	6.86	ppb
Cadmium	108-1	27.44	24.51	24.42	25.45	6.75	ppb
Calcium	43-1	7675.84	7547.29	7909.79	7710.97	2.38	ppb
Calcium	44-1	7896.80	7962.76	7819.64	7893.07	0.91	ppb
Chromium	52-2	25.97	25.83	25.95	25.92	0.31	ppb
Cobalt	59-2	26.05	26.20	26.48	26.24	0.83	ppb
Copper	63-2	60.05	59.14	58.89	59.36	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1394.05	1383.13	1382.87	1386.68	0.46	ppb
Iron	57-2	1377.54	1411.15	1395.99	1394.90	1.21	ppb
Lead	206-1	25.05	24.02	25.68	24.92	3.35	ppb
Lead	207-1	24.86	25.14	24.60	24.87	1.10	ppb
Lead	208-1	25.31	24.71	25.14	25.05	1.23	ppb
Lithium	6-1						%
Magnesium	24-2	4683.70	4637.31	4726.16	4682.39	0.95	ppb
Manganese	55-2	74.64	73.15	73.60	73.80	1.04	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-08DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0610MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:09:05	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	22.91	23.23	23.28	23.14	0.88	ppb
Molybdenum	95-1	24.13	24.23	23.30	23.89	2.13	ppb
Molybdenum	96-1	23.01	24.16	24.59	23.92	3.41	ppb
Molybdenum	97-1	23.66	23.61	22.31	23.19	3.31	ppb
Molybdenum	98-1	23.40	23.40	24.57	23.79	2.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.76	26.91	26.44	26.70	0.91	ppb
Phosphorus	31-2	8.89	4.29	4.42	5.87	44.63	ppb
Potassium	39-2	1551.59	1566.10	1522.44	1546.71	1.44	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	24.47	22.17	18.78	21.81	13.13	ppb
Selenium	78-2	24.91	26.31	28.64	26.62	7.08	ppb
Selenium	82-1	22.55	25.54	27.18	25.09	9.35	ppb
Silicon	28-1	448.59	449.53	447.97	448.70	0.18	ppb
Silver	109-1	26.81	27.04	27.04	26.97	0.48	ppb
Silver	107-1	27.92	28.24	27.20	27.79	1.92	ppb
Sodium	23-2	6811.21	6725.89	6837.51	6791.53	0.86	ppb
Strontium	86-1	51.05	52.29	51.77	51.70	1.21	ppb
Strontium	88-1	50.59	51.07	50.85	50.84	0.47	ppb
Sulfur	34-1	419.55	345.15	735.88	500.19	41.48	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	24.29	24.62	24.50	24.47	0.68	ppb
Thallium	205-1	24.45	24.78	24.83	24.69	0.83	ppb
Tin	118-1	24.84	24.94	24.65	24.81	0.59	ppb
Titanium	47-1	25.60	25.31	23.33	24.75	4.98	ppb
Uranium	238-1	23.34	23.18	23.48	23.33	0.64	ppb
Vanadium	51-2	24.55	24.46	25.22	24.74	1.67	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	53.02	51.03	52.50	52.18	1.98	ppb
Zirconium	90-1	22.96	23.19	23.21	23.12	0.59	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-08DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0610MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:09:05	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	22.93	22.26	23.73	22.98	3.19	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-09DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0610MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:12:36	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	561.57	576.81	572.08	570.15	1.37	ppb
Antimony	121-1	26.35	26.31	25.88	26.18	1.00	ppb
Arsenic	75-2	30.05	30.85	30.57	30.49	1.34	ppb
Barium	135-1	132.01	131.35	131.63	131.67	0.25	ppb
Barium	137-1	130.49	128.99	128.84	129.44	0.70	ppb
Beryllium	9-1	24.33	25.64	25.19	25.05	2.66	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	32.02	29.79	27.08	29.63	8.35	ppb
Boron	11-1	27.37	29.77	27.26	28.13	5.05	ppb
Cadmium	111-1	26.33	25.99	26.34	26.22	0.76	ppb
Cadmium	106-1	26.59	21.38	26.02	24.66	11.59	ppb
Cadmium	108-1	28.94	26.30	29.85	28.36	6.50	ppb
Calcium	43-1	8199.20	7815.10	8084.88	8033.06	2.46	ppb
Calcium	44-1	7992.93	8059.41	7958.76	8003.70	0.64	ppb
Chromium	52-2	27.17	27.43	27.66	27.42	0.89	ppb
Cobalt	59-2	27.34	26.86	27.30	27.16	0.98	ppb
Copper	63-2	62.65	62.86	62.19	62.56	0.55	ppb
Dysprosium	156-1						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	1454.56	1451.51	1448.45	1451.51	0.21	ppb
Iron	57-2	1500.81	1480.26	1424.14	1468.40	2.70	ppb
Lead	206-1	25.91	26.12	25.71	25.91	0.79	ppb
Lead	207-1	26.33	26.67	26.31	26.43	0.77	ppb
Lead	208-1	26.22	26.15	26.03	26.14	0.37	ppb
Lithium	6-1						%
Magnesium	24-2	4712.56	4651.86	4692.79	4685.74	0.66	ppb
Manganese	55-2	78.11	76.08	76.61	76.93	1.37	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-09DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0610MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:12:36	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	24.70	24.49	24.51	24.57	0.47	ppb
Molybdenum	95-1	24.37	25.71	24.86	24.98	2.71	ppb
Molybdenum	96-1	24.19	24.46	23.72	24.13	1.54	ppb
Molybdenum	97-1	24.43	25.83	24.31	24.86	3.41	ppb
Molybdenum	98-1	24.81	25.24	25.03	25.03	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.55	27.57	27.91	27.35	2.58	ppb
Phosphorus	31-2	17.66	26.24	8.51	17.47	50.78	ppb
Potassium	39-2	1618.07	1624.62	1620.59	1621.09	0.20	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	17.27	24.06	16.09	19.14	22.46	ppb
Selenium	78-2	27.01	26.08	27.14	26.74	2.16	ppb
Selenium	82-1	26.38	25.26	24.71	25.45	3.35	ppb
Silicon	28-1	448.20	444.13	446.14	446.16	0.46	ppb
Silver	109-1	27.92	28.47	28.56	28.32	1.21	ppb
Silver	107-1	28.48	28.29	27.62	28.13	1.60	ppb
Sodium	23-2	6821.09	6732.24	6786.39	6779.91	0.66	ppb
Strontium	86-1	53.42	51.50	54.19	53.04	2.61	ppb
Strontium	88-1	52.00	52.41	51.90	52.10	0.51	ppb
Sulfur	34-1	345.93	559.68	49.22	318.28	80.54	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	25.64	25.90	25.48	25.67	0.81	ppb
Thallium	205-1	25.54	25.29	25.28	25.37	0.58	ppb
Tin	118-1	26.13	25.63	25.57	25.78	1.21	ppb
Titanium	47-1	25.42	27.47	24.93	25.94	5.19	ppb
Uranium	238-1	23.89	24.18	24.36	24.14	0.99	ppb
Vanadium	51-2	27.05	25.76	25.97	26.26	2.62	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	56.62	54.93	54.40	55.31	2.09	ppb
Zirconium	90-1	23.94	24.23	23.97	24.05	0.66	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-09DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0610MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:12:36	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	24.56	25.35	24.45	24.79	2.00	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-07ADLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0610ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:16:08	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	566.37	563.00	562.39	563.92	0.38	ppb
Antimony	121-1	26.10	27.48	26.09	26.56	3.01	ppb
Arsenic	75-2	29.57	29.56	30.74	29.96	2.26	ppb
Barium	135-1	128.39	132.14	130.50	130.34	1.44	ppb
Barium	137-1	130.88	129.38	128.76	129.67	0.84	ppb
Beryllium	9-1	25.57	25.25	25.31	25.37	0.67	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	24.03	24.71	29.57	26.10	11.59	ppb
Boron	11-1	25.95	27.87	28.13	27.32	4.35	ppb
Cadmium	111-1	26.74	28.12	27.94	27.60	2.72	ppb
Cadmium	106-1	25.30	30.90	26.65	27.62	10.60	ppb
Cadmium	108-1	28.22	26.72	25.73	26.89	4.66	ppb
Calcium	43-1	8292.56	8181.61	8068.30	8180.83	1.37	ppb
Calcium	44-1	8179.81	8110.31	8148.11	8146.07	0.43	ppb
Chromium	52-2	28.31	27.93	27.91	28.05	0.81	ppb
Cobalt	59-2	26.83	27.26	27.53	27.21	1.30	ppb
Copper	63-2	62.10	62.28	61.79	62.06	0.40	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	1442.90	1441.06	1450.56	1444.84	0.35	ppb
Iron	57-2	1472.46	1481.24	1446.05	1466.58	1.25	ppb
Lead	206-1	25.94	26.25	25.86	26.02	0.80	ppb
Lead	207-1	26.58	26.25	25.79	26.21	1.52	ppb
Lead	208-1	25.99	26.41	26.02	26.14	0.91	ppb
Lithium	6-1						%
Magnesium	24-2	4716.20	4730.02	4777.50	4741.24	0.68	ppb
Manganese	55-2	78.15	76.07	76.78	77.00	1.37	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-07ADLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0610ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:16:08	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	24.51	23.75	24.03	24.10	1.61	ppb
Molybdenum	95-1	25.33	25.52	25.82	25.56	0.96	ppb
Molybdenum	96-1	24.29	25.79	24.56	24.88	3.22	ppb
Molybdenum	97-1	25.35	23.79	23.72	24.29	3.78	ppb
Molybdenum	98-1	24.91	25.49	25.04	25.14	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.01	27.46	27.89	28.12	2.85	ppb
Phosphorus	31-2	-0.21	12.81	-4.80	2.60	351.25	ppb
Potassium	39-2	1626.83	1599.08	1583.94	1603.28	1.36	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	25.44	26.58	28.54	26.85	5.85	ppb
Selenium	78-2	31.17	28.86	29.74	29.92	3.91	ppb
Selenium	82-1	29.11	25.63	23.65	26.13	10.56	ppb
Silicon	28-1	463.19	458.94	457.00	459.71	0.69	ppb
Silver	109-1	27.85	29.66	28.97	28.83	3.17	ppb
Silver	107-1	28.63	28.65	28.66	28.65	0.06	ppb
Sodium	23-2	6888.31	6858.45	6909.78	6885.51	0.37	ppb
Strontium	86-1	55.08	51.41	52.24	52.91	3.64	ppb
Strontium	88-1	52.53	53.85	53.16	53.18	1.24	ppb
Sulfur	34-1	315.48	427.35	166.59	303.14	43.15	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	25.48	25.26	25.54	25.43	0.58	ppb
Thallium	205-1	25.25	25.66	25.80	25.57	1.12	ppb
Tin	118-1	25.68	25.68	26.49	25.95	1.80	ppb
Titanium	47-1	23.23	24.92	27.21	25.12	7.94	ppb
Uranium	238-1	24.04	24.33	24.17	24.18	0.60	ppb
Vanadium	51-2	26.30	26.55	26.15	26.34	0.78	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	58.40	59.19	58.84	58.81	0.68	ppb
Zirconium	90-1	24.38	23.43	24.08	23.96	2.02	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-07ADLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0610ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:16:08	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	24.83	23.87	23.12	23.94	3.59	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-10DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0617DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:19:40	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.19	7.77	6.79	8.58	26.96	ppb
Antimony	121-1	0.10	0.19	0.19	0.16	31.09	ppb
Arsenic	75-2	1.57	1.66	1.73	1.65	4.94	ppb
Barium	135-1	0.74	1.00	0.96	0.90	15.49	ppb
Barium	137-1	0.42	0.82	0.69	0.64	31.20	ppb
Beryllium	9-1	0.02	0.00	0.10	0.04	133.91	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.13	4.20	3.94	4.76	25.16	ppb
Boron	11-1	4.63	5.73	5.17	5.18	10.61	ppb
Cadmium	111-1	0.13	-0.09	-0.14	-0.03		ppb
Cadmium	106-1	1.52	-1.48	-2.27	-0.74		ppb
Cadmium	108-1	0.16	0.00	0.00	0.05	173.21	ppb
Calcium	43-1	188.88	210.97	225.26	208.37	8.80	ppb
Calcium	44-1	181.42	189.82	188.28	186.51	2.40	ppb
Chromium	52-2	2.14	2.08	1.98	2.07	3.99	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	92.59	ppb
Copper	63-2	0.66	0.74	0.63	0.68	8.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	31.50	31.86	32.46	31.94	1.53	ppb
Iron	57-2	31.60	26.78	28.73	29.04	8.35	ppb
Lead	206-1	-0.03	0.01	0.02	0.00	2363.50	ppb
Lead	207-1	0.05	0.06	0.01	0.04	63.36	ppb
Lead	208-1	0.03	0.04	0.02	0.03	38.59	ppb
Lithium	6-1						%
Magnesium	24-2	110.14	106.48	112.77	109.80	2.88	ppb
Manganese	55-2	0.72	0.77	0.59	0.69	13.90	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-10DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0617DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:19:40	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.14	0.13	0.13	5.82	ppb
Molybdenum	95-1	0.18	0.21	0.24	0.21	14.58	ppb
Molybdenum	96-1	0.15	0.14	0.18	0.16	14.97	ppb
Molybdenum	97-1	0.09	0.15	0.18	0.14	34.38	ppb
Molybdenum	98-1	0.19	0.22	0.24	0.22	12.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	1.07	1.37	1.14	17.86	ppb
Phosphorus	31-2	-9.20	-9.28	8.21	-3.42		ppb
Potassium	39-2	616.56	609.91	611.69	612.72	0.56	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	0.72	1.04	2.94	1.57	76.70	ppb
Selenium	82-1	0.04	-1.32	-0.79	-0.69		ppb
Silicon	28-1	221.09	223.56	222.86	222.50	0.57	ppb
Silver	109-1	0.06	0.16	0.04	0.09	69.51	ppb
Silver	107-1	0.10	0.08	0.06	0.08	25.07	ppb
Sodium	23-2	8480.86	8442.02	8408.97	8443.95	0.43	ppb
Strontium	86-1	3.16	3.05	3.76	3.32	11.58	ppb
Strontium	88-1	3.17	3.33	3.27	3.25	2.49	ppb
Sulfur	34-1	1304.38	1603.93	1308.45	1405.59	12.22	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.02	0.02	0.02	62.40	ppb
Thallium	205-1	0.04	0.03	0.02	0.03	28.69	ppb
Tin	118-1	0.15	0.11	0.08	0.11	33.88	ppb
Titanium	47-1	0.22	0.54	0.40	0.39	40.79	ppb
Uranium	238-1	0.13	0.13	0.13	0.13	0.80	ppb
Vanadium	51-2	0.20	0.14	0.14	0.16	21.60	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.43	2.09	2.29	2.27	7.71	ppb
Zirconium	90-1	0.11	0.13	0.07	0.10	30.33	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-10DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0617DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:19:40	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.19	0.11	0.13	41.09	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-11DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0591DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:23:12	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.39	-0.30	2.05	1.05	115.81	ppb
Antimony	121-1	0.14	0.05	0.09	0.09	48.75	ppb
Arsenic	75-2	2.70	2.40	2.84	2.65	8.40	ppb
Barium	135-1	0.57	0.43	0.31	0.44	29.57	ppb
Barium	137-1	0.59	0.58	0.44	0.54	15.69	ppb
Beryllium	9-1	0.07	0.00	0.00	0.03	158.06	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.88	5.83	3.31	4.67	27.23	ppb
Boron	11-1	4.28	4.79	3.83	4.30	11.24	ppb
Cadmium	111-1	-0.08	-0.14	-0.19	-0.13		ppb
Cadmium	106-1	-1.16	-1.98	-2.87	-2.00		ppb
Cadmium	108-1	0.16	0.16	0.00	0.11	86.61	ppb
Calcium	43-1	1491.87	1562.15	1448.34	1500.79	3.83	ppb
Calcium	44-1	1530.30	1489.24	1521.02	1513.52	1.42	ppb
Chromium	52-2	1.37	1.46	1.57	1.47	7.01	ppb
Cobalt	59-2	0.04	0.00	0.01	0.02	125.26	ppb
Copper	63-2	0.53	0.53	0.45	0.50	9.66	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	16.04	17.44	16.80	16.76	4.18	ppb
Iron	57-2	15.58	16.19	18.30	16.69	8.53	ppb
Lead	206-1	0.01	-0.03	-0.05	-0.02		ppb
Lead	207-1	-0.02	-0.04	-0.01	-0.02		ppb
Lead	208-1	0.01	0.00	-0.02	0.00		ppb
Lithium	6-1						%
Magnesium	24-2	496.63	489.29	499.25	495.06	1.04	ppb
Manganese	55-2	2.37	2.13	2.27	2.26	5.41	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-11DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0591DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:23:12	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.11	0.09	0.09	30.52	ppb
Molybdenum	95-1	0.07	0.07	0.17	0.11	52.20	ppb
Molybdenum	96-1	0.13	0.12	0.12	0.13	4.37	ppb
Molybdenum	97-1	0.28	0.09	0.30	0.22	52.06	ppb
Molybdenum	98-1	0.09	0.15	0.14	0.13	27.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.42	1.60	1.48	1.50	6.11	ppb
Phosphorus	31-2	-4.71	4.11	-4.97	-1.86		ppb
Potassium	39-2	271.57	266.24	257.45	265.09	2.69	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	-0.31	2.03	2.02	1.25	108.49	ppb
Selenium	82-1	-1.44	-2.23	-1.49	-1.72		ppb
Silicon	28-1	253.04	259.41	250.28	254.24	1.84	ppb
Silver	109-1	0.10	0.11	0.11	0.11	4.59	ppb
Silver	107-1	0.08	0.10	0.09	0.09	12.08	ppb
Sodium	23-2	4820.52	4793.29	4721.84	4778.55	1.07	ppb
Strontium	86-1	12.05	11.18	11.24	11.49	4.20	ppb
Strontium	88-1	11.26	11.10	11.00	11.12	1.20	ppb
Sulfur	34-1	1291.39	918.04	871.02	1026.81	22.43	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.01	0.00	0.00	124.43	ppb
Tin	118-1	0.13	0.08	0.09	0.10	26.16	ppb
Titanium	47-1	0.14	0.18	-0.04	0.09	128.64	ppb
Uranium	238-1	0.06	0.05	0.05	0.05	15.61	ppb
Vanadium	51-2	0.07	0.04	0.07	0.06	28.47	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.48	1.05	1.02	1.19	21.81	ppb
Zirconium	90-1	0.04	0.02	0.07	0.04	54.36	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-11DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0591DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:23:12	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	-0.01	0.04	0.01	168.60	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-12DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0592DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:26:44	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.12	1.85	0.91	1.29	38.12	ppb
Antimony	121-1	0.05	0.07	0.10	0.07	33.79	ppb
Arsenic	75-2	2.10	2.63	2.90	2.54	15.90	ppb
Barium	135-1	0.67	0.52	0.54	0.58	14.51	ppb
Barium	137-1	0.44	0.54	0.50	0.50	10.13	ppb
Beryllium	9-1	0.04	0.04	0.00	0.03	79.88	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.47	4.18	2.61	3.42	23.03	ppb
Boron	11-1	4.08	5.25	4.19	4.51	14.32	ppb
Cadmium	111-1	-0.01	0.01	0.22	0.07	180.74	ppb
Cadmium	106-1	-0.20	-0.01	3.08	0.96	192.01	ppb
Cadmium	108-1	0.16	0.00	0.00	0.05	173.21	ppb
Calcium	43-1	1509.85	1398.38	1408.69	1438.97	4.28	ppb
Calcium	44-1	1487.45	1488.59	1460.52	1478.85	1.07	ppb
Chromium	52-2	1.39	1.30	1.53	1.41	8.23	ppb
Cobalt	59-2	0.01	0.02	0.02	0.02	39.16	ppb
Copper	63-2	0.47	0.51	0.58	0.52	10.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	15.35	15.87	15.69	15.64	1.66	ppb
Iron	57-2	18.74	14.04	15.30	16.03	15.17	ppb
Lead	206-1	-0.03	0.00	0.02	0.00		ppb
Lead	207-1	0.02	0.02	-0.07	-0.01		ppb
Lead	208-1	0.02	0.02	-0.02	0.01	332.50	ppb
Lithium	6-1						%
Magnesium	24-2	478.55	505.26	488.63	490.81	2.75	ppb
Manganese	55-2	1.92	2.07	2.09	2.03	4.61	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-12DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0592DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:26:44	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.06	0.06	0.07	17.38	ppb
Molybdenum	95-1	0.07	0.17	0.05	0.10	64.89	ppb
Molybdenum	96-1	0.03	0.06	0.09	0.06	46.95	ppb
Molybdenum	97-1	0.13	0.17	0.13	0.14	15.93	ppb
Molybdenum	98-1	0.10	0.07	0.07	0.08	24.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.21	1.21	1.17	5.69	ppb
Phosphorus	31-2	-4.91	-13.65	-0.19	-6.25		ppb
Potassium	39-2	234.05	245.95	274.63	251.54	8.29	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.15	0.00	0.00	0.38	173.21	ppb
Selenium	78-2	-0.46	-0.27	0.08	-0.22		ppb
Selenium	82-1	0.16	0.33	-2.30	-0.60		ppb
Silicon	28-1	252.45	253.70	251.66	252.60	0.41	ppb
Silver	109-1	0.06	0.08	0.09	0.08	15.54	ppb
Silver	107-1	0.08	0.09	0.07	0.08	11.90	ppb
Sodium	23-2	4557.51	4655.02	4707.76	4640.10	1.64	ppb
Strontium	86-1	10.05	9.68	9.44	9.73	3.17	ppb
Strontium	88-1	9.67	9.86	9.62	9.72	1.34	ppb
Sulfur	34-1	1333.88	1507.41	1313.88	1385.05	7.68	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.02	0.01	137.78	ppb
Tin	118-1	0.11	0.00	0.06	0.06	93.46	ppb
Titanium	47-1	0.05	0.23	0.27	0.18	64.83	ppb
Uranium	238-1	0.05	0.05	0.06	0.05	10.95	ppb
Vanadium	51-2	0.03	0.08	0.07	0.06	37.62	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.27	1.00	1.04	1.11	13.34	ppb
Zirconium	90-1	0.06	0.03	0.08	0.06	45.11	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-12DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0592DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:26:44	DataFile Name :	061SMPL.d

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

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-13DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-EB-2017-2DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:30:16	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.87	1.13	1.10	1.03	13.88	ppb
Antimony	121-1	0.02	0.03	0.03	0.03	20.58	ppb
Arsenic	75-2	0.02	-0.02	0.02	0.01	310.78	ppb
Barium	135-1	0.16	0.13	0.16	0.15	9.92	ppb
Barium	137-1	0.11	0.14	0.09	0.11	19.83	ppb
Beryllium	9-1	0.03	0.06	0.00	0.03	90.29	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.75	3.04	2.32	2.37	27.39	ppb
Boron	11-1	1.11	1.19	1.24	1.18	5.73	ppb
Cadmium	111-1	0.00	0.19	-0.14	0.02	1062.61	ppb
Cadmium	106-1	-0.17	2.10	-2.13	-0.07		ppb
Cadmium	108-1	0.00	0.00	0.00	0.00	N/A	ppb
Calcium	43-1	27.49	31.88	25.21	28.19	12.02	ppb
Calcium	44-1	14.85	16.41	19.13	16.80	12.88	ppb
Chromium	52-2	0.10	0.05	0.01	0.05	86.80	ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.32	0.22	0.28	0.27	16.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.77	1.77	1.82	1.79	1.54	ppb
Iron	57-2	2.77	-1.31	-0.34	0.38	567.75	ppb
Lead	206-1	0.08	0.07	0.07	0.07	8.46	ppb
Lead	207-1	0.09	0.20	0.14	0.14	39.27	ppb
Lead	208-1	0.11	0.11	0.12	0.11	4.15	ppb
Lithium	6-1						%
Magnesium	24-2	3.35	2.74	4.16	3.42	20.97	ppb
Manganese	55-2	0.11	0.13	0.07	0.10	31.20	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-13DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-EB-2017-2DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:30:16	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.03	0.03	0.02	164.84	ppb
Molybdenum	95-1	0.00	0.00	0.08	0.03	155.98	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	2.49	ppb
Molybdenum	97-1	-0.01	0.01	0.05	0.02	147.08	ppb
Molybdenum	98-1	0.00	0.01	0.03	0.01	131.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.08	0.06	0.05	94.19	ppb
Phosphorus	31-2	12.46	8.50	-9.38	3.86	301.63	ppb
Potassium	39-2	23.61	6.58	13.61	14.60	58.61	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	-0.27	-0.12	2.16	0.59	230.26	ppb
Selenium	82-1	-0.70	-1.85	-0.11	-0.88		ppb
Silicon	28-1	24.45	25.41	24.70	24.85	1.99	ppb
Silver	109-1	0.04	0.05	0.03	0.04	32.24	ppb
Silver	107-1	0.02	0.03	0.01	0.02	43.39	ppb
Sodium	23-2	3.44	5.86	3.53	4.28	32.05	ppb
Strontium	86-1	0.10	0.15	0.22	0.16	37.90	ppb
Strontium	88-1	0.03	0.04	0.04	0.03	20.36	ppb
Sulfur	34-1	101.35	8.50	-279.69	-56.61		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.02	0.01	162.78	ppb
Thallium	205-1	0.01	0.01	0.02	0.02	41.15	ppb
Tin	118-1	0.04	0.07	0.07	0.06	27.55	ppb
Titanium	47-1	0.14	0.05	0.23	0.14	65.39	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	145.59	ppb
Vanadium	51-2	0.04	0.01	-0.01	0.01	170.94	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.72	1.96	2.17	1.95	11.53	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	33.02	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-13DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-EB-2017-2DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:30:16	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	-0.01	0.01	0.01	155.69	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P7
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 20:46:24	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51368.06	51944.59	51962.45	51758.37	0.65	ppb
Antimony	121-1	511.10	511.10	518.66	513.62	0.85	ppb
Arsenic	75-2	499.61	501.64	504.61	501.95	0.50	ppb
Barium	135-1	2617.12	2639.49	2624.24	2626.95	0.44	ppb
Barium	137-1	2595.76	2625.88	2624.67	2615.44	0.65	ppb
Beryllium	9-1	503.15	500.76	501.48	501.80	0.24	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	482.06	480.90	484.04	482.33	0.33	ppb
Boron	11-1	479.13	490.66	503.90	491.23	2.52	ppb
Cadmium	111-1	509.90	511.42	517.19	512.84	0.75	ppb
Cadmium	106-1	509.09	533.79	524.51	522.46	2.39	ppb
Cadmium	108-1	525.30	528.31	511.11	521.58	1.76	ppb
Calcium	43-1	235960.61	236520.50	234569.33	235683.48	0.43	ppb
Calcium	44-1	239979.71	242608.11	244848.60	242478.80	1.01	ppb
Chromium	52-2	493.74	493.70	500.52	495.99	0.79	ppb
Cobalt	59-2	476.31	479.57	482.25	479.37	0.62	ppb
Copper	63-2	928.13	933.28	937.95	933.12	0.53	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	123966.48	123168.02	124803.49	123979.33	0.66	ppb
Iron	57-2	121150.41	121984.38	123255.47	122130.08	0.87	ppb
Lead	206-1	502.99	502.70	501.74	502.48	0.13	ppb
Lead	207-1	509.08	506.98	508.62	508.22	0.22	ppb
Lead	208-1	507.73	507.25	505.00	506.66	0.29	ppb
Lithium	6-1						%
Magnesium	24-2	256776.52	260614.99	263792.43	260394.65	1.35	ppb
Manganese	55-2	985.94	994.14	1003.85	994.64	0.90	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P7
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 20:46:24	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	512.43	505.33	513.81	510.52	0.89	ppb
Molybdenum	95-1	511.37	503.83	504.35	506.52	0.83	ppb
Molybdenum	96-1	505.96	499.99	505.45	503.80	0.66	ppb
Molybdenum	97-1	507.26	507.46	505.78	506.83	0.18	ppb
Molybdenum	98-1	514.30	502.06	515.38	510.58	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.49	473.42	476.62	475.51	0.38	ppb
Phosphorus	31-2	9949.05	10769.49	10918.69	10545.74	4.95	ppb
Potassium	39-2	125014.64	125965.21	128034.58	126338.14	1.22	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	474.84	520.96	545.42	513.74	6.98	ppb
Selenium	78-2	509.67	494.23	502.87	502.26	1.54	ppb
Selenium	82-1	510.23	508.30	514.86	511.13	0.66	ppb
Silicon	28-1	554.38	565.72	570.71	563.60	1.48	ppb
Silver	109-1	510.92	516.39	511.17	512.83	0.60	ppb
Silver	107-1	517.71	519.15	514.64	517.17	0.45	ppb
Sodium	23-2	256191.86	256473.09	261434.72	258033.23	1.14	ppb
Strontium	86-1	517.55	516.00	527.72	520.43	1.22	ppb
Strontium	88-1	517.48	517.80	520.22	518.50	0.29	ppb
Sulfur	34-1	12322.62	13051.13	12991.80	12788.51	3.16	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	502.96	510.84	501.83	505.21	0.97	ppb
Thallium	205-1	506.77	508.63	501.33	505.58	0.75	ppb
Tin	118-1	525.04	519.92	522.58	522.51	0.49	ppb
Titanium	47-1	519.12	533.64	521.18	524.65	1.50	ppb
Uranium	238-1	523.60	527.17	522.98	524.58	0.43	ppb
Vanadium	51-2	491.63	499.37	503.60	498.20	1.22	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	931.58	936.15	951.37	939.70	1.10	ppb
Zirconium	90-1	507.72	502.92	504.07	504.90	0.50	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P7
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 20:46:24	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	517.63	494.79	501.32	504.58	2.33	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P7
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 20:49:55	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.27	1.60	1.34	2.07	50.49	ppb
Antimony	121-1	1.66	1.38	1.39	1.48	10.54	ppb
Arsenic	75-2	0.05	0.14	0.23	0.14	62.60	ppb
Barium	135-1	0.23	0.26	0.09	0.19	46.38	ppb
Barium	137-1	0.19	0.07	0.18	0.15	45.08	ppb
Beryllium	9-1	0.12	0.08	0.06	0.09	36.43	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.06	6.67	6.60	7.11	11.56	ppb
Boron	11-1	7.68	5.84	6.30	6.60	14.52	ppb
Cadmium	111-1	0.07	0.12	0.15	0.11	36.32	ppb
Cadmium	106-1	0.26	1.08	2.01	1.12	78.68	ppb
Cadmium	108-1	0.18	0.00	0.18	0.12	86.60	ppb
Calcium	43-1	17.55	17.27	12.60	15.81	17.59	ppb
Calcium	44-1	7.40	12.53	6.27	8.73	38.15	ppb
Chromium	52-2	0.10	0.15	0.06	0.10	42.16	ppb
Cobalt	59-2	-0.01	-0.02	0.01	-0.01		ppb
Copper	63-2	0.21	0.25	0.13	0.20	31.58	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	5.10	4.94	4.78	4.94	3.24	ppb
Iron	57-2	7.72	4.25	2.09	4.68	60.70	ppb
Lead	206-1	0.11	0.10	0.04	0.09	48.35	ppb
Lead	207-1	0.11	0.06	0.09	0.09	30.92	ppb
Lead	208-1	0.12	0.13	0.09	0.11	15.20	ppb
Lithium	6-1						%
Magnesium	24-2	8.63	7.28	8.36	8.09	8.80	ppb
Manganese	55-2	0.02	0.03	0.00	0.02	83.51	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P7
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 20:49:55	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.20	0.25	0.29	0.24	19.86	ppb
Molybdenum	95-1	0.53	0.34	0.31	0.39	30.33	ppb
Molybdenum	96-1	0.44	0.39	0.38	0.40	7.78	ppb
Molybdenum	97-1	0.45	0.53	0.41	0.46	13.28	ppb
Molybdenum	98-1	0.60	0.49	0.52	0.54	10.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.01	0.02	0.02	179.77	ppb
Phosphorus	31-2	8.38	-13.67	-0.64	-1.97		ppb
Potassium	39-2	93.83	86.68	98.71	93.07	6.50	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	1.17	0.39	173.21	ppb
Selenium	78-2	2.31	1.85	1.98	2.04	11.56	ppb
Selenium	82-1	-1.64	0.07	-0.75	-0.77		ppb
Silicon	28-1	6.98	7.97	6.78	7.24	8.86	ppb
Silver	109-1	0.07	0.08	0.08	0.08	9.97	ppb
Silver	107-1	0.05	0.06	0.06	0.06	8.93	ppb
Sodium	23-2	79.10	66.73	67.23	71.02	9.85	ppb
Strontium	86-1	0.13	-0.02	0.03	0.05	152.73	ppb
Strontium	88-1	0.02	0.02	0.03	0.03	18.14	ppb
Sulfur	34-1	425.09	601.03	921.69	649.27	38.78	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.22	0.20	0.18	0.20	10.48	ppb
Thallium	205-1	0.20	0.16	0.19	0.18	11.96	ppb
Tin	118-1	0.43	0.43	0.40	0.42	4.92	ppb
Titanium	47-1	0.29	0.24	0.01	0.18	85.25	ppb
Uranium	238-1	0.03	0.03	0.02	0.03	20.16	ppb
Vanadium	51-2	0.00	0.02	0.01	0.01	112.43	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.21	-0.01	-0.07	-0.10		ppb
Zirconium	90-1	0.19	0.15	0.15	0.16	14.82	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P7
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 20:49:55	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.28	0.10	0.16	0.18	50.92	ppb

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 15:58:40	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	50	25	28	75.51	cps
Antimony	121-1	0	17	42	19	107.85	cps
Arsenic	75-2	2	2	2	2	0.00	cps
Barium	135-1	8	8	8	8	0.00	cps
Barium	137-1	0	8	42	17	132.30	cps
Beryllium	9-1	6	17	11	11	49.99	cps
Bismuth	209-1	1265470	1266817	1267834	1266707	0.09	cps
Bismuth	209-2	1378331	1366370	1371402	1372034	0.44	cps
Boron	10-1	17	17	8	14	34.67	cps
Boron	11-1	142	92	125	119	21.31	cps
Cadmium	111-1	368	383	268	340	18.35	cps
Cadmium	106-1	525	542	383	483	18.00	cps
Cadmium	108-1	0	0	0	0	0.00	cps
Calcium	43-1	17	42	75	44	65.84	cps
Calcium	44-1	2492	2475	2834	2600	7.78	cps
Chromium	52-2	373	480	427	427	12.50	cps
Cobalt	59-2	43	20	37	33	36.05	cps
Copper	63-2	170	107	147	141	22.70	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	33	50	31	68.64	cps
Erbium	164-2	7	17	3	9	78.08	cps
Gadolinium	160-1	17	67	17	33	86.59	cps
Gadolinium	160-2	160	193	143	166	15.38	cps
Holmium	165-1	1538670	1523502	1545163	1535779	0.72	cps
Holmium	165-2	1663480	1655611	1656481	1658524	0.26	cps
Indium	115-1	1162251	1158737	1167460	1162816	0.38	cps
Indium	115-2	567743	566461	568800	567668	0.21	cps
Iron	56-2	1233	1467	1278	1326	9.34	cps
Iron	57-2	83	39	78	67	36.33	cps
Lead	206-1	233	328	322	294	18.00	cps
Lead	207-1	228	239	256	241	5.81	cps
Lead	208-1	1056	1139	1178	1124	5.56	cps
Lithium	6-1	304888	307291	305116	305765	0.43	cps
Magnesium	24-2	33	50	67	50	33.33	cps
Manganese	55-2	60	27	40	42	39.73	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 15:58:40	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	33	83	25	47	66.82	cps
Molybdenum	95-1	8	8	33	17	86.62	cps
Molybdenum	96-1	25	42	33	33	25.01	cps
Molybdenum	97-1	8	0	0	3	173.21	cps
Molybdenum	98-1	17	25	17	19	24.73	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	20	20	13	18	21.66	cps
Phosphorus	31-2	50	75	8	44	75.78	cps
Potassium	39-2	10571	10638	10946	10718	1.87	cps
Rhodium	103-1	1120055	1118511	1120978	1119848	0.11	cps
Rhodium	103-2	866719	858913	864914	863515	0.47	cps
Scandium	45-1	633354	629734	634696	632594	0.41	cps
Scandium	45-2	54751	55239	55172	55054	0.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	74	81	61	72	14.28	cps
Selenium	82-1	55	34	60	50	27.81	cps
Silicon	28-1	38400	39913	38994	39102	1.95	cps
Silver	109-1	8	8	0	6	86.60	cps
Silver	107-1	17	8	17	14	34.67	cps
Sodium	23-2	6935	7577	7636	7383	5.26	cps
Strontium	86-1	108	125	117	117	7.14	cps
Strontium	88-1	100	83	33	72	48.05	cps
Sulfur	34-1	56073	57353	56383	56603	1.18	cps
Terbium	159-1	1555833	1559721	1551351	1555635	0.27	cps
Terbium	159-2	1637533	1617314	1629053	1627967	0.62	cps
Thallium	203-1	17	75	50	47	61.97	cps
Thallium	205-1	42	50	67	53	24.12	cps
Tin	118-1	108	142	83	111	26.34	cps
Titanium	47-1	8	8	8	8	0.00	cps
Uranium	238-1	75	67	58	67	12.49	cps
Vanadium	51-2	13	7	3	8	65.47	cps
Yttrium	89-1	1007170	1007950	1008966	1008028	0.09	cps
Yttrium	89-2	364878	364511	364407	364599	0.07	cps
Zinc	66-2	147	137	160	148	7.92	cps
Zirconium	90-1	83	117	100	100	16.66	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 15:58:40	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	17	17	33	22	43.28	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:06:05	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	792	625	733	717	11.80	cps
Antimony	121-1	3359	2967	3209	3178	6.22	cps
Arsenic	75-2	107	93	93	98	8.77	cps
Barium	135-1	3609	3301	3451	3453	4.47	cps
Barium	137-1	5902	6285	6035	6074	3.21	cps
Beryllium	9-1	322	439	367	376	15.66	cps
Bismuth	209-1	1258605	1223335	1243458	1241799	1.42	cps
Bismuth	209-2	1360480	1358221	1360950	1359884	0.11	cps
Boron	10-1	1050	1017	1158	1075	6.89	cps
Boron	11-1	4834	5418	4818	5023	6.80	cps
Cadmium	111-1	735	602	669	669	9.91	cps
Cadmium	106-1	442	467	467	458	3.15	cps
Cadmium	108-1	29	29	17	25	28.86	cps
Calcium	43-1	1842	1800	1742	1795	2.80	cps
Calcium	44-1	31242	30115	30825	30727	1.85	cps
Chromium	52-2	1903	1787	1757	1816	4.27	cps
Cobalt	59-2	1007	1083	1077	1056	4.02	cps
Copper	63-2	1877	1803	1843	1841	1.99	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	42	17	25	57.73	cps
Erbium	164-2	3	13	0	6	124.93	cps
Gadolinium	160-1	17	33	25	25	33.32	cps
Gadolinium	160-2	170	170	140	160	10.83	cps
Holmium	165-1	1529161	1502398	1521562	1517707	0.91	cps
Holmium	165-2	1649348	1651741	1647334	1649474	0.13	cps
Indium	115-1	1156194	1133894	1151571	1147220	1.03	cps
Indium	115-2	567283	565471	566857	566537	0.17	cps
Iron	56-2	34513	33143	34090	33916	2.07	cps
Iron	57-2	895	811	883	863	5.24	cps
Lead	206-1	1650	1672	1789	1704	4.38	cps
Lead	207-1	1567	1461	1417	1482	5.20	cps
Lead	208-1	7257	6995	6951	7068	2.34	cps
Lithium	6-1	312038	304672	306593	307768	1.24	cps
Magnesium	24-2	24880	24679	23861	24474	2.20	cps
Manganese	55-2	493	550	520	521	5.44	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:06:05	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2709	2417	2734	2620	6.72	cps
Molybdenum	95-1	3634	3376	3442	3484	3.85	cps
Molybdenum	96-1	4117	3526	3626	3756	8.43	cps
Molybdenum	97-1	2050	1942	2200	2064	6.29	cps
Molybdenum	98-1	5701	5118	5293	5371	5.58	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	360	330	353	348	4.53	cps
Phosphorus	31-2	8	42	25	25	66.68	cps
Potassium	39-2	37674	37766	37682	37707	0.13	cps
Rhodium	103-1	1114391	1094330	1115196	1107972	1.07	cps
Rhodium	103-2	864462	861925	865527	863972	0.21	cps
Scandium	45-1	630059	626546	629044	628550	0.29	cps
Scandium	45-2	55795	54416	55494	55235	1.31	cps
Selenium	77-2	17	7	20	14	48.02	cps
Selenium	78-2	120	106	104	110	8.31	cps
Selenium	82-1	107	148	139	131	16.34	cps
Silicon	28-1	52770	52995	52836	52867	0.22	cps
Silver	109-1	2000	1734	2084	1939	9.43	cps
Silver	107-1	1892	1809	1842	1847	2.27	cps
Sodium	23-2	44860	44183	45813	44952	1.82	cps
Strontium	86-1	425	492	408	442	9.98	cps
Strontium	88-1	3426	3251	3484	3387	3.59	cps
Sulfur	34-1	57153	57872	55914	56979	1.74	cps
Terbium	159-1	1559074	1510466	1533115	1534218	1.59	cps
Terbium	159-2	1612455	1620089	1617676	1616740	0.24	cps
Thallium	203-1	2100	1834	1767	1900	9.28	cps
Thallium	205-1	4318	4109	4418	4281	3.68	cps
Tin	118-1	5910	5977	5827	5904	1.27	cps
Titanium	47-1	908	725	1000	878	15.95	cps
Uranium	238-1	7202	7069	6902	7058	2.13	cps
Vanadium	51-2	2487	2687	2604	2592	3.88	cps
Yttrium	89-1	1009142	986986	991002	995710	1.19	cps
Yttrium	89-2	366370	362061	361507	363313	0.73	cps
Zinc	66-2	477	473	453	468	2.70	cps
Zirconium	90-1	2242	2259	2125	2209	3.29	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:06:05	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	542	350	575	489	24.84	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:09:56	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35468	35552	37239	36086	2.77	cps
Antimony	121-1	83357	86677	88052	86028	2.81	cps
Arsenic	75-2	5547	5449	5936	5644	4.57	cps
Barium	135-1	92533	93590	95368	93830	1.53	cps
Barium	137-1	164112	165656	165251	165006	0.49	cps
Beryllium	9-1	21037	21844	21315	21399	1.92	cps
Bismuth	209-1	1258106	1276440	1264643	1266396	0.73	cps
Bismuth	209-2	1368824	1386230	1389792	1381615	0.81	cps
Boron	10-1	2642	2834	2609	2695	4.51	cps
Boron	11-1	11663	12080	12097	11947	2.06	cps
Cadmium	111-1	21829	21791	21972	21864	0.43	cps
Cadmium	106-1	2375	2550	2475	2467	3.56	cps
Cadmium	108-1	1488	1413	1492	1464	3.04	cps
Calcium	43-1	19547	19973	20048	19856	1.36	cps
Calcium	44-1	323569	329812	327901	327094	0.98	cps
Chromium	52-2	35543	35754	35907	35735	0.51	cps
Cobalt	59-2	59738	59634	60186	59853	0.49	cps
Copper	63-2	89585	89384	89119	89363	0.26	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	42	25	50	39	32.73	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	8	42	25	25	66.68	cps
Gadolinium	160-2	147	187	173	169	12.06	cps
Holmium	165-1	1537016	1554539	1559431	1550329	0.76	cps
Holmium	165-2	1670978	1676120	1702174	1683090	0.99	cps
Indium	115-1	1167155	1165363	1168481	1166999	0.13	cps
Indium	115-2	575018	578937	584155	579370	0.79	cps
Iron	56-2	1810474	1817116	1835108	1820899	0.70	cps
Iron	57-2	44786	44986	45777	45183	1.16	cps
Lead	206-1	82460	82371	81583	82138	0.59	cps
Lead	207-1	74028	73810	73352	73730	0.47	cps
Lead	208-1	333678	335981	333255	334305	0.44	cps
Lithium	6-1	303932	305932	305175	305013	0.33	cps
Magnesium	24-2	272734	270400	278212	273782	1.46	cps
Manganese	55-2	53340	54497	55130	54322	1.67	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:09:56	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	66565	67896	67385	67282	1.00	cps
Molybdenum	95-1	38361	39581	38812	38918	1.59	cps
Molybdenum	96-1	48885	49889	51252	50009	2.38	cps
Molybdenum	97-1	23604	24747	24631	24327	2.59	cps
Molybdenum	98-1	62741	63460	64933	63711	1.75	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	16510	16493	16680	16561	0.62	cps
Phosphorus	31-2	2025	2334	1925	2095	10.16	cps
Potassium	39-2	162161	163163	163642	162989	0.46	cps
Rhodium	103-1	1115339	1125546	1125917	1122267	0.53	cps
Rhodium	103-2	871998	870489	878054	873513	0.46	cps
Scandium	45-1	636429	641154	643745	640443	0.58	cps
Scandium	45-2	55852	55039	56541	55811	1.35	cps
Selenium	77-2	137	170	153	153	10.87	cps
Selenium	78-2	600	598	559	586	3.93	cps
Selenium	82-1	1133	1226	1106	1155	5.46	cps
Silicon	28-1	96838	97258	97777	97291	0.48	cps
Silver	109-1	103464	103419	104486	103790	0.58	cps
Silver	107-1	108374	109505	111648	109843	1.51	cps
Sodium	23-2	430700	430392	436732	432608	0.83	cps
Strontium	86-1	20682	21884	20974	21180	2.96	cps
Strontium	88-1	182353	181391	182511	182085	0.33	cps
Sulfur	34-1	63202	62164	60507	61958	2.19	cps
Terbium	159-1	1551697	1565332	1561604	1559544	0.45	cps
Terbium	159-2	1656543	1658651	1654168	1656454	0.14	cps
Thallium	203-1	97683	99210	100294	99062	1.32	cps
Thallium	205-1	237961	239644	239892	239166	0.44	cps
Tin	118-1	63553	64408	66116	64692	2.02	cps
Titanium	47-1	10162	9912	10054	10043	1.25	cps
Uranium	238-1	406813	402251	408133	405732	0.76	cps
Vanadium	51-2	29169	28852	29884	29302	1.80	cps
Yttrium	89-1	1009519	1016916	1022696	1016377	0.65	cps
Yttrium	89-2	366341	369467	375792	370533	1.30	cps
Zinc	66-2	15579	15438	15292	15436	0.93	cps
Zirconium	90-1	124332	124297	126939	125189	1.21	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:09:56	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	27244	28947	27419	27870	3.36	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:13:47	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93928	91864	92695	92829	1.12	cps
Antimony	121-1	219118	221834	219688	220213	0.65	cps
Arsenic	75-2	14211	14220	14209	14213	0.04	cps
Barium	135-1	235927	242905	237685	238839	1.52	cps
Barium	137-1	419576	421285	416358	419073	0.60	cps
Beryllium	9-1	53752	53300	52185	53079	1.52	cps
Bismuth	209-1	1272954	1285134	1279177	1279088	0.48	cps
Bismuth	209-2	1396316	1402042	1396328	1398229	0.24	cps
Boron	10-1	5718	6585	6677	6327	8.36	cps
Boron	11-1	28695	29096	27968	28586	2.00	cps
Cadmium	111-1	55138	55464	54755	55119	0.64	cps
Cadmium	106-1	5818	6243	5368	5810	7.53	cps
Cadmium	108-1	3838	3834	3917	3863	1.22	cps
Calcium	43-1	50119	48414	50396	49643	2.16	cps
Calcium	44-1	819500	817765	824265	820510	0.41	cps
Chromium	52-2	89238	90576	90090	89968	0.75	cps
Cobalt	59-2	149411	149903	150425	149913	0.34	cps
Copper	63-2	223612	224899	226164	224892	0.57	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	50	8	33	31	68.64	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	33	25	25	28	17.31	cps
Gadolinium	160-2	123	183	153	153	19.56	cps
Holmium	165-1	1578410	1576426	1585315	1580050	0.30	cps
Holmium	165-2	1712611	1721805	1720868	1718428	0.29	cps
Indium	115-1	1192999	1200447	1192602	1195349	0.37	cps
Indium	115-2	587857	594034	591251	591047	0.52	cps
Iron	56-2	4556959	4607347	4609694	4591333	0.65	cps
Iron	57-2	113362	114958	115725	114682	1.05	cps
Lead	206-1	203056	204541	202447	203348	0.53	cps
Lead	207-1	186345	187851	185963	186720	0.53	cps
Lead	208-1	837288	843287	832854	837810	0.62	cps
Lithium	6-1	304278	305202	301329	303603	0.67	cps
Magnesium	24-2	686381	697562	687956	690633	0.88	cps
Manganese	55-2	139215	139591	139646	139484	0.17	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:13:47	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	174713	174183	172927	173941	0.53	cps
Molybdenum	95-1	98046	99851	96638	98179	1.64	cps
Molybdenum	96-1	125512	126807	125672	125997	0.56	cps
Molybdenum	97-1	64364	63066	62389	63273	1.59	cps
Molybdenum	98-1	160997	161698	162741	161812	0.54	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	39928	41238	40596	40587	1.61	cps
Phosphorus	31-2	5385	5460	5193	5346	2.57	cps
Potassium	39-2	400454	398908	402834	400732	0.49	cps
Rhodium	103-1	1133142	1143895	1136588	1137875	0.48	cps
Rhodium	103-2	879494	886026	885972	883831	0.42	cps
Scandium	45-1	648428	659294	655875	654532	0.85	cps
Scandium	45-2	57106	57766	56849	57240	0.83	cps
Selenium	77-2	413	430	457	433	5.04	cps
Selenium	78-2	1374	1420	1356	1383	2.41	cps
Selenium	82-1	2856	2894	2800	2850	1.65	cps
Silicon	28-1	188804	191858	190256	190306	0.80	cps
Silver	109-1	258362	263015	261541	260973	0.91	cps
Silver	107-1	271240	275734	274998	273990	0.88	cps
Sodium	23-2	1071453	1093783	1087788	1084341	1.07	cps
Strontium	86-1	52632	52589	51276	52166	1.48	cps
Strontium	88-1	461917	465071	464272	463753	0.35	cps
Sulfur	34-1	70108	69547	69873	69842	0.40	cps
Terbium	159-1	1594019	1594608	1595298	1594642	0.04	cps
Terbium	159-2	1677850	1700829	1690331	1689670	0.68	cps
Thallium	203-1	245931	248170	248336	247479	0.54	cps
Thallium	205-1	603896	599265	598191	600451	0.50	cps
Tin	118-1	160023	166326	163444	163264	1.93	cps
Titanium	47-1	26483	25690	25239	25804	2.44	cps
Uranium	238-1	1017748	1033228	1029569	1026849	0.79	cps
Vanadium	51-2	74497	75214	74685	74799	0.50	cps
Yttrium	89-1	1035189	1037792	1041695	1038225	0.32	cps
Yttrium	89-2	378238	383069	380848	380718	0.64	cps
Zinc	66-2	38511	38912	38397	38607	0.70	cps
Zirconium	90-1	319441	316067	314656	316721	0.78	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:13:47	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	71271	71062	71112	71148	0.15	cps

LB Number : LB90717 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-09 16:17:39 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	185876	188076	185841	186597	0.69	cps
Antimony	121-1	437418	441663	440881	439987	0.51	cps
Arsenic	75-2	28545	29105	29070	28907	1.09	cps
Barium	135-1	479680	482541	479498	480573	0.36	cps
Barium	137-1	834101	838315	841166	837861	0.42	cps
Beryllium	9-1	105141	103681	105319	104714	0.86	cps
Bismuth	209-1	1271525	1270902	1270874	1271100	0.03	cps
Bismuth	209-2	1384154	1400613	1400884	1395217	0.69	cps
Boron	10-1	11747	11880	12748	12125	4.48	cps
Boron	11-1	56841	57577	57042	57154	0.67	cps
Cadmium	111-1	109501	109736	107970	109069	0.88	cps
Cadmium	106-1	11255	11438	11230	11308	1.01	cps
Cadmium	108-1	7273	7698	7406	7459	2.92	cps
Calcium	43-1	99418	98346	99771	99178	0.75	cps
Calcium	44-1	1642166	1653322	1665192	1653560	0.70	cps
Chromium	52-2	180956	181306	182865	181709	0.56	cps
Cobalt	59-2	305411	307059	304283	305584	0.46	cps
Copper	63-2	451056	453220	453696	452657	0.31	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	27	27	17	23	24.74	cps
Erbium	164-1	17	25	42	28	45.82	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	33	8	25	22	57.29	cps
Gadolinium	160-2	230	173	187	197	15.07	cps
Holmium	165-1	1574435	1575590	1594243	1581423	0.70	cps
Holmium	165-2	1726474	1738028	1744426	1736309	0.52	cps
Indium	115-1	1186442	1184683	1182596	1184574	0.16	cps
Indium	115-2	589055	592678	595481	592405	0.54	cps
Iron	56-2	9226413	9183061	9230680	9213385	0.29	cps
Iron	57-2	232027	230696	233039	231921	0.51	cps
Lead	206-1	404833	406575	404750	405386	0.25	cps
Lead	207-1	368717	371237	367803	369252	0.48	cps
Lead	208-1	1660882	1663614	1660988	1661828	0.09	cps
Lithium	6-1	300149	296777	300036	298987	0.64	cps
Magnesium	24-2	1387731	1396123	1400797	1394884	0.47	cps
Manganese	55-2	281225	284964	281937	282708	0.70	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:17:39	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	346514	345721	347045	346427	0.19	cps
Molybdenum	95-1	195795	196394	197089	196426	0.33	cps
Molybdenum	96-1	248292	250754	251845	250297	0.73	cps
Molybdenum	97-1	123115	125066	123502	123895	0.83	cps
Molybdenum	98-1	321102	322420	320810	321444	0.27	cps
Neodymium	150-1	20	33	20	24	31.50	cps
Neodymium	150-2	17	3	3	8	99.04	cps
Nickel	60-2	81874	82182	82980	82345	0.69	cps
Phosphorus	31-2	10154	10329	10788	10423	3.14	cps
Potassium	39-2	789702	799276	801924	796967	0.81	cps
Rhodium	103-1	1135801	1131977	1129880	1132553	0.27	cps
Rhodium	103-2	877584	888269	897174	887676	1.10	cps
Scandium	45-1	657626	658189	657993	657936	0.04	cps
Scandium	45-2	58512	58582	59027	58707	0.48	cps
Selenium	77-2	873	837	693	801	11.87	cps
Selenium	78-2	2823	2710	2852	2795	2.69	cps
Selenium	82-1	5745	5633	5874	5751	2.10	cps
Silicon	28-1	343879	345612	350723	346738	1.03	cps
Silver	109-1	520389	520154	523319	521287	0.34	cps
Silver	107-1	542996	544629	548988	545538	0.57	cps
Sodium	23-2	2184599	2181679	2182812	2183030	0.07	cps
Strontium	86-1	105463	104648	104222	104777	0.60	cps
Strontium	88-1	923476	927585	920983	924014	0.36	cps
Sulfur	34-1	82621	81816	82294	82244	0.49	cps
Terbium	159-1	1577644	1578003	1581472	1579040	0.13	cps
Terbium	159-2	1693434	1707345	1718394	1706391	0.73	cps
Thallium	203-1	493199	490246	495816	493087	0.57	cps
Thallium	205-1	1189168	1183280	1191149	1187866	0.34	cps
Tin	118-1	328701	326670	328807	328059	0.37	cps
Titanium	47-1	51951	52311	50387	51550	1.98	cps
Uranium	238-1	2047372	2058277	2056165	2053938	0.28	cps
Vanadium	51-2	150445	151795	152485	151575	0.68	cps
Yttrium	89-1	1040804	1045125	1035304	1040411	0.47	cps
Yttrium	89-2	381898	385639	387055	384864	0.69	cps
Zinc	66-2	77290	78255	79307	78284	1.29	cps
Zirconium	90-1	637363	638526	637386	637759	0.10	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:17:39	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142508	141464	142138	142037	0.37	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:21:28	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	377738	383528	389845	383704	1.58	cps
Antimony	121-1	891598	896529	903795	897307	0.68	cps
Arsenic	75-2	59852	60105	60380	60112	0.44	cps
Barium	135-1	971322	981218	976682	976408	0.51	cps
Barium	137-1	1684543	1715221	1706108	1701957	0.93	cps
Beryllium	9-1	207759	208992	210552	209101	0.67	cps
Bismuth	209-1	1256415	1274920	1274170	1268502	0.83	cps
Bismuth	209-2	1402656	1406586	1419142	1409461	0.61	cps
Boron	10-1	24095	25380	25139	24871	2.75	cps
Boron	11-1	115196	114574	114724	114831	0.28	cps
Cadmium	111-1	216185	217535	219486	217735	0.76	cps
Cadmium	106-1	21217	21259	22051	21509	2.19	cps
Cadmium	108-1	15096	15588	15730	15471	2.15	cps
Calcium	43-1	198753	201148	205055	201652	1.58	cps
Calcium	44-1	3321026	3392771	3366601	3360133	1.08	cps
Chromium	52-2	372717	369525	374686	372309	0.70	cps
Cobalt	59-2	613243	620048	619522	617605	0.61	cps
Copper	63-2	903113	910605	911839	908519	0.52	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	33	27	30	30	11.10	cps
Erbium	164-1	0	58	58	39	86.60	cps
Erbium	164-2	10	20	13	14	35.26	cps
Gadolinium	160-1	58	75	25	53	48.24	cps
Gadolinium	160-2	190	177	210	192	8.73	cps
Holmium	165-1	1581452	1605708	1621462	1602874	1.26	cps
Holmium	165-2	1770395	1774114	1776441	1773650	0.17	cps
Indium	115-1	1180503	1201729	1193533	1191921	0.90	cps
Indium	115-2	599554	599984	604034	601191	0.41	cps
Iron	56-2	18704332	18795976	18789000	18763103	0.27	cps
Iron	57-2	469117	475134	474358	472870	0.69	cps
Lead	206-1	808667	810285	814706	811220	0.39	cps
Lead	207-1	731372	742467	738934	737591	0.77	cps
Lead	208-1	3301968	3335194	3334568	3323910	0.57	cps
Lithium	6-1	295126	297586	299148	297286	0.68	cps
Magnesium	24-2	2817124	2847392	2852036	2838851	0.67	cps
Manganese	55-2	573472	574715	581549	576579	0.75	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:21:28	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	703438	712271	708766	708158	0.63	cps
Molybdenum	95-1	399537	405616	405194	403449	0.84	cps
Molybdenum	96-1	508622	513979	513158	511920	0.56	cps
Molybdenum	97-1	250518	254721	256207	253815	1.16	cps
Molybdenum	98-1	649242	659032	662689	656988	1.06	cps
Neodymium	150-1	87	80	67	78	13.09	cps
Neodymium	150-2	13	33	17	21	50.75	cps
Nickel	60-2	166611	165842	167693	166715	0.56	cps
Phosphorus	31-2	21191	21450	22184	21608	2.38	cps
Potassium	39-2	1615612	1631722	1642704	1630013	0.84	cps
Rhodium	103-1	1118458	1147750	1142394	1136201	1.37	cps
Rhodium	103-2	895563	896210	899586	897120	0.24	cps
Scandium	45-1	660963	679546	679724	673411	1.60	cps
Scandium	45-2	60379	60031	61286	60566	1.07	cps
Selenium	77-2	1663	1650	1633	1649	0.91	cps
Selenium	78-2	5440	5527	5686	5551	2.25	cps
Selenium	82-1	11676	11593	11373	11547	1.35	cps
Silicon	28-1	667481	669432	672752	669888	0.40	cps
Silver	109-1	1033994	1052283	1054473	1046917	1.07	cps
Silver	107-1	1091103	1101593	1103450	1098715	0.61	cps
Sodium	23-2	4397068	4449033	4434111	4426737	0.60	cps
Strontium	86-1	212061	211256	214879	212732	0.89	cps
Strontium	88-1	1868755	1882963	1883214	1878311	0.44	cps
Sulfur	34-1	111382	110602	109510	110498	0.85	cps
Terbium	159-1	1592474	1614453	1624497	1610474	1.02	cps
Terbium	159-2	1731892	1733269	1748417	1737859	0.53	cps
Thallium	203-1	980193	995375	1000224	991930	1.05	cps
Thallium	205-1	2367867	2379639	2418968	2388825	1.12	cps
Tin	118-1	658415	660939	670001	663119	0.92	cps
Titanium	47-1	104126	105495	106225	105282	1.01	cps
Uranium	238-1	4141597	4184593	4213392	4179861	0.86	cps
Vanadium	51-2	311483	314586	312789	312953	0.50	cps
Yttrium	89-1	1044404	1055151	1070640	1056731	1.25	cps
Yttrium	89-2	393494	397325	399647	396822	0.78	cps
Zinc	66-2	157057	156619	157158	156945	0.18	cps
Zirconium	90-1	1285640	1292842	1306408	1294963	0.81	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:21:28	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	291374	291968	294750	292697	0.62	cps

LB Number : LB90717 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-09 16:25:16 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	758591	766398	756739	760576	0.67	cps
Antimony	121-1	1764409	1776031	1754517	1764986	0.61	cps
Arsenic	75-2	116603	118793	117343	117580	0.95	cps
Barium	135-1	1910793	1924379	1905075	1913416	0.52	cps
Barium	137-1	3361482	3371974	3341209	3358221	0.47	cps
Beryllium	9-1	404166	404459	403266	403964	0.15	cps
Bismuth	209-1	1228937	1246132	1226789	1233953	0.86	cps
Bismuth	209-2	1334653	1336290	1343263	1338069	0.34	cps
Boron	10-1	48312	47777	47835	47975	0.61	cps
Boron	11-1	224910	226089	223988	224996	0.47	cps
Cadmium	111-1	426073	428673	422535	425760	0.72	cps
Cadmium	106-1	41495	43142	41654	42097	2.16	cps
Cadmium	108-1	29485	29932	30032	29816	0.98	cps
Calcium	43-1	397013	399637	400545	399065	0.46	cps
Calcium	44-1	6656979	6600522	6581124	6612875	0.60	cps
Chromium	52-2	717791	721572	723408	720924	0.40	cps
Cobalt	59-2	1186746	1192133	1183832	1187570	0.35	cps
Copper	63-2	1732551	1743948	1732108	1736202	0.39	cps
Dysprosium	156-1	42	17	33	31	41.66	cps
Dysprosium	156-2	57	57	43	52	14.75	cps
Erbium	164-1	33	42	58	44	28.65	cps
Erbium	164-2	7	10	0	6	91.64	cps
Gadolinium	160-1	33	92	50	58	51.51	cps
Gadolinium	160-2	193	173	200	189	7.35	cps
Holmium	165-1	1570083	1580250	1562819	1571051	0.56	cps
Holmium	165-2	1705712	1716139	1707905	1709919	0.32	cps
Indium	115-1	1157675	1155014	1150362	1154350	0.32	cps
Indium	115-2	573035	573920	572622	573192	0.12	cps
Iron	56-2	36636983	36526604	36819687	36661091	0.40	cps
Iron	57-2	919168	924897	915010	919692	0.54	cps
Lead	206-1	1578373	1596269	1580979	1585207	0.61	cps
Lead	207-1	1442039	1459789	1436280	1446036	0.85	cps
Lead	208-1	6500396	6554468	6487240	6514035	0.55	cps
Lithium	6-1	291915	290941	292545	291800	0.28	cps
Magnesium	24-2	5558491	5556774	5580934	5565400	0.24	cps
Manganese	55-2	1129595	1128958	1127691	1128748	0.09	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:25:16	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1393673	1401713	1375866	1390417	0.95	cps
Molybdenum	95-1	791820	795477	780283	789194	1.00	cps
Molybdenum	96-1	1008088	1017741	1001030	1008953	0.83	cps
Molybdenum	97-1	500247	504756	496161	500388	0.86	cps
Molybdenum	98-1	1293643	1294537	1285647	1291276	0.38	cps
Neodymium	150-1	153	173	133	153	13.04	cps
Neodymium	150-2	30	47	17	31	48.31	cps
Nickel	60-2	318138	318626	321269	319344	0.53	cps
Phosphorus	31-2	43155	42035	41801	42330	1.71	cps
Potassium	39-2	3187008	3202616	3199005	3196209	0.26	cps
Rhodium	103-1	1109357	1101647	1091270	1100758	0.82	cps
Rhodium	103-2	850450	858106	857624	855393	0.50	cps
Scandium	45-1	663534	670818	662358	665570	0.69	cps
Scandium	45-2	60838	60908	61179	60975	0.30	cps
Selenium	77-2	3194	3177	3237	3203	0.97	cps
Selenium	78-2	10871	10952	10728	10850	1.05	cps
Selenium	82-1	22223	22456	22299	22326	0.53	cps
Silicon	28-1	1210155	1216784	1226503	1217814	0.68	cps
Silver	109-1	2027787	2031376	2022958	2027373	0.21	cps
Silver	107-1	2135893	2128645	2111444	2125327	0.59	cps
Sodium	23-2	8671138	8685077	8693704	8683306	0.13	cps
Strontium	86-1	416214	421570	418879	418888	0.64	cps
Strontium	88-1	3692949	3708236	3668096	3689760	0.55	cps
Sulfur	34-1	166178	167569	166036	166594	0.51	cps
Terbium	159-1	1581920	1585148	1564243	1577103	0.71	cps
Terbium	159-2	1676671	1676284	1671327	1674761	0.18	cps
Thallium	203-1	1934903	1943954	1931159	1936672	0.34	cps
Thallium	205-1	4658616	4737640	4660932	4685729	0.96	cps
Tin	118-1	1295059	1299558	1286784	1293800	0.50	cps
Titanium	47-1	209155	212212	208119	209829	1.01	cps
Uranium	238-1	8076751	8347304	8152255	8192103	1.70	cps
Vanadium	51-2	611262	616040	611798	613033	0.43	cps
Yttrium	89-1	1038568	1041004	1034095	1037889	0.34	cps
Yttrium	89-2	389034	389879	388343	389085	0.20	cps
Zinc	66-2	300862	302335	305311	302836	0.75	cps
Zirconium	90-1	2560476	2550163	2528267	2546302	0.65	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:25:16	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	573540	576736	569626	573300	0.62	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:28:59	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4077733	4066523	4076724	4073660	0.15	cps
Antimony	121-1	4743	4343	4451	4512	4.59	cps
Arsenic	75-2	63	89	67	73	19.25	cps
Barium	135-1	708	525	608	614	14.95	cps
Barium	137-1	925	975	792	897	10.56	cps
Beryllium	9-1	67	67	50	61	15.75	cps
Bismuth	209-1	1095337	1091161	1078112	1088203	0.83	cps
Bismuth	209-2	1243700	1248061	1249847	1247203	0.25	cps
Boron	10-1	950	792	675	806	17.13	cps
Boron	11-1	4001	3742	3342	3695	8.98	cps
Cadmium	111-1	320	365	314	333	8.32	cps
Cadmium	106-1	433	483	383	433	11.54	cps
Cadmium	108-1	13	4	0	6	114.53	cps
Calcium	43-1	2025921	2009504	2025933	2020453	0.47	cps
Calcium	44-1	33354916	33971104	33518423	33614814	0.95	cps
Chromium	52-2	11224	10991	11561	11259	2.55	cps
Cobalt	59-2	1550	1457	1617	1541	5.22	cps
Copper	63-2	2314	2347	2314	2325	0.83	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	17	13	7	12	41.65	cps
Erbium	164-1	17	42	75	44	65.84	cps
Erbium	164-2	20	3	13	12	68.66	cps
Gadolinium	160-1	50	58	17	42	52.91	cps
Gadolinium	160-2	210	203	180	198	7.97	cps
Holmium	165-1	1445111	1439183	1444393	1442896	0.22	cps
Holmium	165-2	1676593	1689474	1689140	1685069	0.44	cps
Indium	115-1	1084403	1080555	1082212	1082390	0.18	cps
Indium	115-2	582731	585723	586343	584932	0.33	cps
Iron	56-2	185258493	184720943	185019943	184999793	0.15	cps
Iron	57-2	4626476	4618520	4636250	4627082	0.19	cps
Lead	206-1	1756	1911	1906	1858	4.75	cps
Lead	207-1	1734	1728	1578	1680	5.25	cps
Lead	208-1	7707	7640	7762	7703	0.79	cps
Lithium	6-1	274735	276656	273586	274992	0.56	cps
Magnesium	24-2	28798630	28527685	28585442	28637252	0.50	cps
Manganese	55-2	5108	5238	5181	5175	1.26	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:28:59	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1625	1517	1433	1525	6.30	cps
Molybdenum	95-1	2359	2300	2392	2350	1.97	cps
Molybdenum	96-1	3267	3001	3084	3117	4.38	cps
Molybdenum	97-1	1208	1383	1317	1303	6.78	cps
Molybdenum	98-1	3726	4151	3434	3770	9.56	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	13	27	20	20	33.35	cps
Nickel	60-2	3184	3237	3367	3263	2.89	cps
Phosphorus	31-2	33	25	50	36	35.25	cps
Potassium	39-2	16989176	16997810	16989237	16992074	0.03	cps
Rhodium	103-1	1009321	1004640	1013208	1009056	0.43	cps
Rhodium	103-2	824535	829750	829387	827890	0.35	cps
Scandium	45-1	650158	653505	653895	652519	0.31	cps
Scandium	45-2	62244	63302	62950	62832	0.86	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	133	152	126	137	9.74	cps
Selenium	82-1	20	67	57	48	52.22	cps
Silicon	28-1	76923	78306	77585	77605	0.89	cps
Silver	109-1	242	267	342	283	18.37	cps
Silver	107-1	350	317	250	306	16.66	cps
Sodium	23-2	44560487	44141816	44232132	44311478	0.50	cps
Strontium	86-1	14041	14299	14475	14272	1.53	cps
Strontium	88-1	122020	123003	122524	122515	0.40	cps
Sulfur	34-1	58190	58700	59026	58639	0.72	cps
Terbium	159-1	1450404	1448203	1451588	1450065	0.12	cps
Terbium	159-2	1656497	1663491	1657177	1659055	0.23	cps
Thallium	203-1	917	775	900	864	8.96	cps
Thallium	205-1	2109	2300	1825	2078	11.50	cps
Tin	118-1	1759	1825	1592	1725	6.97	cps
Titanium	47-1	250	200	192	214	14.75	cps
Uranium	238-1	875	875	658	803	15.58	cps
Vanadium	51-2	170	127	153	150	14.57	cps
Yttrium	89-1	976130	978652	977875	977552	0.13	cps
Yttrium	89-2	401337	405499	401983	402940	0.56	cps
Zinc	66-2	793	827	833	818	2.62	cps
Zirconium	90-1	675	500	458	544	21.12	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:28:59	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	225	117	172	31.48	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:52:57	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19522	19330	19947	19600	1.61	cps
Antimony	121-1	330525	330630	331296	330817	0.13	cps
Arsenic	75-2	23003	23102	23200	23102	0.43	cps
Barium	135-1	36089	36324	36724	36379	0.88	cps
Barium	137-1	63907	64460	64258	64209	0.44	cps
Beryllium	9-1	37976	38889	38310	38392	1.20	cps
Bismuth	209-1	1246629	1226550	1221499	1231559	1.08	cps
Bismuth	209-2	1395012	1397077	1395216	1395768	0.08	cps
Boron	10-1	23811	22626	23386	23274	2.58	cps
Boron	11-1	106079	107759	109286	107708	1.49	cps
Cadmium	111-1	43374	43863	42012	43083	2.23	cps
Cadmium	106-1	6685	6769	6602	6685	1.25	cps
Cadmium	108-1	3988	4101	3892	3994	2.61	cps
Calcium	43-1	9695	9812	9128	9545	3.83	cps
Calcium	44-1	147598	146490	146143	146744	0.52	cps
Chromium	52-2	71533	70307	70712	70850	0.88	cps
Cobalt	59-2	123091	121804	122711	122535	0.54	cps
Copper	63-2	91648	90823	90709	91060	0.56	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	50	33	67	50	33.33	cps
Erbium	164-2	13	23	17	18	28.64	cps
Gadolinium	160-1	33	50	33	39	24.74	cps
Gadolinium	160-2	117	193	177	162	24.86	cps
Holmium	165-1	1504356	1482744	1502328	1496476	0.80	cps
Holmium	165-2	1716203	1710780	1716923	1714635	0.20	cps
Indium	115-1	1165242	1162772	1153430	1160481	0.54	cps
Indium	115-2	603659	603514	600869	602681	0.26	cps
Iron	56-2	738918	737972	737517	738136	0.10	cps
Iron	57-2	18601	18651	18128	18460	1.56	cps
Lead	206-1	309208	310026	308492	309242	0.25	cps
Lead	207-1	274680	273158	273700	273846	0.28	cps
Lead	208-1	1260590	1248856	1250417	1253288	0.51	cps
Lithium	6-1	286487	289864	284833	287061	0.89	cps
Magnesium	24-2	67687	67109	65175	66657	1.97	cps
Manganese	55-2	56458	55598	56113	56056	0.77	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:52:57	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	665725	667699	661403	664942	0.48	cps
Molybdenum	95-1	381265	382505	378954	380908	0.47	cps
Molybdenum	96-1	482053	484016	486160	484076	0.42	cps
Molybdenum	97-1	239916	237748	242868	240177	1.07	cps
Molybdenum	98-1	622243	618569	628904	623239	0.84	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	32690	33809	34043	33514	2.16	cps
Phosphorus	31-2	58	67	67	64	7.53	cps
Potassium	39-2	141847	137803	139813	139821	1.45	cps
Rhodium	103-1	1132510	1133788	1141934	1136078	0.45	cps
Rhodium	103-2	914331	906735	904779	908615	0.56	cps
Scandium	45-1	660246	656407	658613	658422	0.29	cps
Scandium	45-2	60051	60302	60841	60398	0.67	cps
Selenium	77-2	690	617	673	660	5.82	cps
Selenium	78-2	2387	2326	2074	2263	7.33	cps
Selenium	82-1	4458	4374	4368	4400	1.15	cps
Silicon	28-1	579769	577922	579927	579206	0.19	cps
Silver	109-1	202252	200262	202950	201821	0.69	cps
Silver	107-1	212004	211292	208769	210688	0.81	cps
Sodium	23-2	183247	183018	181671	182645	0.47	cps
Strontium	86-1	204221	200941	203384	202849	0.84	cps
Strontium	88-1	1767962	1759428	1773651	1767014	0.41	cps
Sulfur	34-1	55731	54224	54893	54949	1.37	cps
Terbium	159-1	1527796	1504703	1508167	1513555	0.82	cps
Terbium	159-2	1689851	1694249	1686747	1690282	0.22	cps
Thallium	203-1	384119	376740	379241	380033	0.99	cps
Thallium	205-1	925385	917553	918661	920533	0.46	cps
Tin	118-1	637603	630151	639148	635634	0.76	cps
Titanium	47-1	102969	102851	102809	102876	0.08	cps
Uranium	238-1	4215099	4151731	4125592	4164141	1.11	cps
Vanadium	51-2	60303	59335	59660	59766	0.82	cps
Yttrium	89-1	1022324	1012455	1007772	1014183	0.73	cps
Yttrium	89-2	395837	394731	393332	394634	0.32	cps
Zinc	66-2	31103	31588	30889	31194	1.15	cps
Zirconium	90-1	1209879	1219696	1195735	1208437	1.00	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:52:57	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	269867	274438	270797	271701	0.89	cps

LB Number : LB90717 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-09 16:56:29 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	25	58	47	40.76	cps
Antimony	121-1	1650	1517	1484	1550	5.69	cps
Arsenic	75-2	13	15	22	17	29.41	cps
Barium	135-1	58	0	33	31	95.79	cps
Barium	137-1	33	8	17	19	65.47	cps
Beryllium	9-1	28	17	33	26	32.72	cps
Bismuth	209-1	1250184	1244638	1242325	1245716	0.32	cps
Bismuth	209-2	1414379	1422388	1414513	1417093	0.32	cps
Boron	10-1	400	392	325	372	11.04	cps
Boron	11-1	2142	1800	1750	1897	11.24	cps
Cadmium	111-1	360	345	258	321	17.24	cps
Cadmium	106-1	500	492	350	447	18.85	cps
Cadmium	108-1	4	4	0	3	86.60	cps
Calcium	43-1	125	92	167	128	29.41	cps
Calcium	44-1	3025	3192	3676	3298	10.24	cps
Chromium	52-2	440	473	493	469	5.75	cps
Cobalt	59-2	33	23	17	24	34.31	cps
Copper	63-2	140	203	143	162	21.97	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	17	42	22	78.07	cps
Erbium	164-2	0	20	10	10	100.00	cps
Gadolinium	160-1	58	42	42	47	20.38	cps
Gadolinium	160-2	187	163	157	169	9.33	cps
Holmium	165-1	1521012	1515886	1518990	1518629	0.17	cps
Holmium	165-2	1721648	1740961	1735968	1732859	0.58	cps
Indium	115-1	1195159	1202368	1186036	1194521	0.69	cps
Indium	115-2	613591	619810	623160	618854	0.78	cps
Iron	56-2	2322	2528	2395	2415	4.32	cps
Iron	57-2	139	78	78	98	35.95	cps
Lead	206-1	389	322	394	369	10.91	cps
Lead	207-1	367	272	239	293	22.65	cps
Lead	208-1	1567	1478	1533	1526	2.94	cps
Lithium	6-1	289119	287931	284952	287334	0.75	cps
Magnesium	24-2	175	167	175	172	2.80	cps
Manganese	55-2	53	37	43	44	18.87	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:56:29	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	333	275	250	286	14.95	cps
Molybdenum	95-1	300	408	408	372	16.80	cps
Molybdenum	96-1	542	492	425	486	12.04	cps
Molybdenum	97-1	225	275	283	261	12.08	cps
Molybdenum	98-1	650	608	400	553	24.23	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	23	33	20	26	27.15	cps
Phosphorus	31-2	33	58	42	44	28.65	cps
Potassium	39-2	12489	12589	12481	12520	0.48	cps
Rhodium	103-1	1144048	1149764	1159457	1151090	0.68	cps
Rhodium	103-2	918129	919372	929895	922465	0.70	cps
Scandium	45-1	664486	660138	661212	661945	0.34	cps
Scandium	45-2	59472	60269	59914	59885	0.67	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	80	83	65	76	12.90	cps
Selenium	82-1	34	78	21	44	67.20	cps
Silicon	28-1	39428	40097	39787	39771	0.84	cps
Silver	109-1	25	33	42	33	25.00	cps
Silver	107-1	42	50	42	44	10.82	cps
Sodium	23-2	13181	13382	13015	13192	1.39	cps
Strontium	86-1	150	150	167	156	6.19	cps
Strontium	88-1	192	158	83	144	38.41	cps
Sulfur	34-1	55957	53999	54977	54977	1.78	cps
Terbium	159-1	1529024	1522439	1519898	1523787	0.31	cps
Terbium	159-2	1699824	1725229	1718571	1714541	0.77	cps
Thallium	203-1	108	117	225	150	43.39	cps
Thallium	205-1	342	408	367	372	9.05	cps
Tin	118-1	600	583	583	589	1.64	cps
Titanium	47-1	33	17	33	28	34.63	cps
Uranium	238-1	308	333	308	317	4.56	cps
Vanadium	51-2	13	7	17	12	41.65	cps
Yttrium	89-1	1021154	1026453	1027199	1024936	0.32	cps
Yttrium	89-2	398997	399482	400306	399595	0.17	cps
Zinc	66-2	173	180	247	200	20.28	cps
Zirconium	90-1	242	283	275	267	8.27	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 16:56:29	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	25	50	47	44.41	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:00:01	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3423616	3370253	3367881	3387250	0.93	cps
Antimony	121-1	2550	2525	2567	2548	0.82	cps
Arsenic	75-2	56	54	37	49	20.91	cps
Barium	135-1	658	525	467	550	17.86	cps
Barium	137-1	1067	925	917	970	8.70	cps
Beryllium	9-1	128	139	139	135	4.74	cps
Bismuth	209-1	1177637	1160647	1176758	1171681	0.82	cps
Bismuth	209-2	1309884	1293598	1303932	1302472	0.63	cps
Boron	10-1	300	225	233	253	16.26	cps
Boron	11-1	1408	1267	1133	1270	10.83	cps
Cadmium	111-1	538	308	531	459	28.46	cps
Cadmium	106-1	467	358	425	417	13.12	cps
Cadmium	108-1	454	525	404	461	13.17	cps
Calcium	43-1	379360	375585	379190	378045	0.56	cps
Calcium	44-1	6303167	6208521	6329385	6280358	1.01	cps
Chromium	52-2	14027	14511	14104	14214	1.83	cps
Cobalt	59-2	1427	1433	1283	1381	6.14	cps
Copper	63-2	6878	6942	7122	6981	1.81	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	8	50	67	42	72.12	cps
Erbium	164-2	13	10	7	10	33.30	cps
Gadolinium	160-1	58	33	83	58	42.85	cps
Gadolinium	160-2	173	170	150	164	7.68	cps
Holmium	165-1	1513346	1493647	1519828	1508940	0.90	cps
Holmium	165-2	1693820	1678439	1675842	1682700	0.58	cps
Indium	115-1	1138385	1123265	1132986	1131545	0.68	cps
Indium	115-2	582205	572924	573041	576057	0.92	cps
Iron	56-2	69953347	68899502	68799147	69217332	0.92	cps
Iron	57-2	1737864	1717833	1720674	1725457	0.63	cps
Lead	206-1	7613	7652	7636	7634	0.26	cps
Lead	207-1	6407	6357	6380	6381	0.39	cps
Lead	208-1	29747	29981	29336	29688	1.10	cps
Lithium	6-1	283656	284816	284392	284288	0.21	cps
Magnesium	24-2	5311757	5188202	5213716	5237892	1.25	cps
Manganese	55-2	4434	4531	4307	4424	2.53	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:00:01	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	823482	813062	827013	821186	0.88	cps
Molybdenum	95-1	1477289	1457750	1476439	1470493	0.75	cps
Molybdenum	96-1	1569433	1543867	1588497	1567266	1.43	cps
Molybdenum	97-1	920013	916154	928797	921655	0.70	cps
Molybdenum	98-1	2406658	2368829	2420462	2398649	1.11	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1667	1707	1670	1681	1.32	cps
Phosphorus	31-2	202937	197896	200507	200447	1.26	cps
Potassium	39-2	6063844	5939229	5983401	5995491	1.05	cps
Rhodium	103-1	1057784	1050821	1074400	1061002	1.14	cps
Rhodium	103-2	845536	836942	840040	840839	0.52	cps
Scandium	45-1	643245	636543	638229	639339	0.55	cps
Scandium	45-2	58154	57585	57167	57635	0.86	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	69	91	59	73	22.21	cps
Selenium	82-1	25	43	37	35	26.84	cps
Silicon	28-1	59385	58474	58833	58897	0.78	cps
Silver	109-1	150	167	283	200	36.33	cps
Silver	107-1	208	300	217	242	20.98	cps
Sodium	23-2	8184815	8044679	8113465	8114320	0.86	cps
Strontium	86-1	13841	12773	13574	13396	4.15	cps
Strontium	88-1	119775	118415	118489	118893	0.64	cps
Sulfur	34-1	597861	596430	594422	596238	0.29	cps
Terbium	159-1	1515868	1500699	1531720	1516096	1.02	cps
Terbium	159-2	1666488	1641692	1642960	1650380	0.85	cps
Thallium	203-1	283	292	325	300	7.35	cps
Thallium	205-1	675	675	725	692	4.17	cps
Tin	118-1	492	583	417	497	16.79	cps
Titanium	47-1	394172	392585	397522	394760	0.64	cps
Uranium	238-1	342	408	300	350	15.61	cps
Vanadium	51-2	93	120	103	106	12.76	cps
Yttrium	89-1	1008696	995217	1006535	1003482	0.72	cps
Yttrium	89-2	381578	376327	378659	378855	0.69	cps
Zinc	66-2	1987	1817	2070	1958	6.60	cps
Zirconium	90-1	692	675	467	611	20.52	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:00:01	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	142	125	161	30.31	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:03:31	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3358043	3397844	3361743	3372543	0.65	cps
Antimony	121-1	35972	34552	36098	35541	2.41	cps
Arsenic	75-2	2184	2359	2308	2284	3.96	cps
Barium	135-1	7928	8094	7611	7878	3.12	cps
Barium	137-1	14250	13716	13849	13938	1.99	cps
Beryllium	9-1	8025	7980	7647	7884	2.62	cps
Bismuth	209-1	1164430	1158333	1181584	1168116	1.03	cps
Bismuth	209-2	1292935	1302911	1305384	1300410	0.51	cps
Boron	10-1	2917	2834	2975	2909	2.45	cps
Boron	11-1	13940	14207	13899	14015	1.19	cps
Cadmium	111-1	8427	8754	8679	8620	1.99	cps
Cadmium	106-1	1375	1308	1225	1303	5.77	cps
Cadmium	108-1	1067	908	979	985	8.05	cps
Calcium	43-1	377573	375756	381820	378383	0.82	cps
Calcium	44-1	6245801	6277505	6222314	6248540	0.44	cps
Chromium	52-2	28127	28407	27963	28166	0.80	cps
Cobalt	59-2	24143	25005	25001	24717	2.01	cps
Copper	63-2	24431	23766	24631	24276	1.86	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	42	33	28	62.46	cps
Erbium	164-2	7	17	10	11	45.82	cps
Gadolinium	160-1	75	58	92	75	22.22	cps
Gadolinium	160-2	170	153	123	149	15.88	cps
Holmium	165-1	1514185	1504807	1515064	1511352	0.38	cps
Holmium	165-2	1683034	1689943	1685883	1686286	0.21	cps
Indium	115-1	1137713	1134801	1132917	1135144	0.21	cps
Indium	115-2	574317	576698	578974	576663	0.40	cps
Iron	56-2	68774850	69477506	69237983	69163446	0.52	cps
Iron	57-2	1717445	1728017	1727228	1724230	0.34	cps
Lead	206-1	38384	38328	38607	38439	0.38	cps
Lead	207-1	32162	32106	32819	32362	1.23	cps
Lead	208-1	151129	149848	151355	150777	0.54	cps
Lithium	6-1	284497	283434	281224	283052	0.59	cps
Magnesium	24-2	5243981	5240758	5214080	5232939	0.31	cps
Manganese	55-2	15205	15178	15321	15235	0.50	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:03:31	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	894316	899892	904043	899417	0.54	cps
Molybdenum	95-1	1511796	1514020	1519785	1515200	0.27	cps
Molybdenum	96-1	1612512	1623335	1629709	1621852	0.54	cps
Molybdenum	97-1	946638	953961	951277	950625	0.39	cps
Molybdenum	98-1	2478798	2466140	2464686	2469875	0.31	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	13	7	17	12	41.65	cps
Nickel	60-2	8082	7832	7772	7896	2.08	cps
Phosphorus	31-2	201552	201003	198991	200515	0.67	cps
Potassium	39-2	6063355	6023316	5975438	6020703	0.73	cps
Rhodium	103-1	1066872	1064189	1060102	1063721	0.32	cps
Rhodium	103-2	836545	838509	838324	837793	0.13	cps
Scandium	45-1	636008	632450	641693	636717	0.73	cps
Scandium	45-2	57123	57535	57414	57357	0.37	cps
Selenium	77-2	70	80	73	74	6.84	cps
Selenium	78-2	289	285	241	272	9.86	cps
Selenium	82-1	448	494	478	473	4.95	cps
Silicon	28-1	125659	123205	127600	125488	1.75	cps
Silver	109-1	37793	36490	37618	37301	1.90	cps
Silver	107-1	39139	39397	39256	39264	0.33	cps
Sodium	23-2	8098302	8092550	8053573	8081475	0.30	cps
Strontium	86-1	38194	36907	38871	37991	2.63	cps
Strontium	88-1	333189	331002	334768	332986	0.57	cps
Sulfur	34-1	596946	591979	600236	596387	0.70	cps
Terbium	159-1	1510361	1509786	1505418	1508522	0.18	cps
Terbium	159-2	1651453	1651297	1657303	1653351	0.21	cps
Thallium	203-1	38147	37370	38616	38044	1.65	cps
Thallium	205-1	90324	92355	91724	91468	1.14	cps
Tin	118-1	76140	75656	76635	76144	0.64	cps
Titanium	47-1	403262	402494	405083	403613	0.33	cps
Uranium	238-1	471096	470996	480458	474183	1.15	cps
Vanadium	51-2	11465	11485	11955	11635	2.39	cps
Yttrium	89-1	1001637	997790	1002155	1000527	0.24	cps
Yttrium	89-2	377735	378257	379678	378557	0.27	cps
Zinc	66-2	4924	4938	4861	4908	0.83	cps
Zirconium	90-1	148671	147120	149074	148288	0.70	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:03:31	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	32363	33824	34509	33565	3.27	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P7
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:07:00	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1944736	1949091	1943350	1945726	0.15	cps
Antimony	121-1	824992	821185	833189	826456	0.74	cps
Arsenic	75-2	57950	57801	56487	57413	1.40	cps
Barium	135-1	906086	904841	911305	907411	0.38	cps
Barium	137-1	1577286	1584538	1589717	1583847	0.39	cps
Beryllium	9-1	190581	190841	191634	191019	0.29	cps
Bismuth	209-1	1135260	1118935	1126550	1126915	0.72	cps
Bismuth	209-2	1246479	1247707	1227753	1240646	0.90	cps
Boron	10-1	22701	23068	22776	22849	0.85	cps
Boron	11-1	105114	106424	106927	106155	0.88	cps
Cadmium	111-1	196326	196335	197232	196631	0.26	cps
Cadmium	106-1	21083	19748	20257	20363	3.31	cps
Cadmium	108-1	14437	13778	14045	14086	2.35	cps
Calcium	43-1	946059	951092	952813	949988	0.37	cps
Calcium	44-1	15627099	15871892	15859187	15786059	0.87	cps
Chromium	52-2	364777	363192	358367	362112	0.92	cps
Cobalt	59-2	581417	585916	575612	580982	0.89	cps
Copper	63-2	836412	840035	823928	833458	1.01	cps
Dysprosium	156-1	33	25	0	19	89.21	cps
Dysprosium	156-2	33	27	10	23	51.50	cps
Erbium	164-1	58	8	58	42	69.29	cps
Erbium	164-2	17	3	17	12	63.01	cps
Gadolinium	160-1	25	100	42	56	70.89	cps
Gadolinium	160-2	157	177	190	174	9.62	cps
Holmium	165-1	1457396	1444488	1440448	1447444	0.61	cps
Holmium	165-2	1640951	1659496	1614881	1638443	1.37	cps
Indium	115-1	1096083	1087536	1099659	1094426	0.57	cps
Indium	115-2	563977	563631	560261	562623	0.36	cps
Iron	56-2	88964838	88738410	87515860	88406370	0.88	cps
Iron	57-2	2213933	2210416	2182098	2202149	0.79	cps
Lead	206-1	731038	722647	722416	725367	0.68	cps
Lead	207-1	668615	661985	659317	663305	0.72	cps
Lead	208-1	3014839	2978240	2985057	2992712	0.65	cps
Lithium	6-1	271090	271872	273215	272059	0.40	cps
Magnesium	24-2	13735610	13900261	13702481	13779451	0.77	cps
Manganese	55-2	560152	565766	553589	559836	1.09	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P7
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:07:00	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	666744	666640	660025	664470	0.58	cps
Molybdenum	95-1	377979	380866	376141	378329	0.63	cps
Molybdenum	96-1	482339	479023	478814	480058	0.41	cps
Molybdenum	97-1	239577	239325	236618	238507	0.69	cps
Molybdenum	98-1	621656	617720	617174	618850	0.40	cps
Neodymium	150-1	73	107	20	67	65.57	cps
Neodymium	150-2	20	13	20	18	21.66	cps
Nickel	60-2	155710	156775	152830	155105	1.32	cps
Phosphorus	31-2	22009	21775	20448	21411	3.93	cps
Potassium	39-2	7991694	8095678	7990237	8025870	0.75	cps
Rhodium	103-1	1025511	1034149	1029649	1029770	0.42	cps
Rhodium	103-2	816557	823176	804176	814636	1.18	cps
Scandium	45-1	643027	637429	640853	640436	0.44	cps
Scandium	45-2	59231	59727	58977	59312	0.64	cps
Selenium	77-2	1610	1550	1610	1590	2.18	cps
Selenium	78-2	5499	5284	5258	5347	2.47	cps
Selenium	82-1	10441	10597	10678	10572	1.14	cps
Silicon	28-1	656754	663288	675411	665151	1.42	cps
Silver	109-1	931455	937818	935959	935077	0.35	cps
Silver	107-1	987386	984622	980953	984320	0.33	cps
Sodium	23-2	21191058	21346987	20977648	21171898	0.88	cps
Strontium	86-1	206213	204317	203811	204780	0.62	cps
Strontium	88-1	1787913	1788575	1782248	1786245	0.19	cps
Sulfur	34-1	109123	109183	108393	108900	0.40	cps
Terbium	159-1	1442870	1449522	1460000	1450797	0.60	cps
Terbium	159-2	1618384	1607213	1596100	1607232	0.69	cps
Thallium	203-1	887315	883607	878813	883245	0.48	cps
Thallium	205-1	2160517	2142491	2149227	2150745	0.42	cps
Tin	118-1	617011	613905	607755	612891	0.77	cps
Titanium	47-1	103933	105555	103689	104392	0.97	cps
Uranium	238-1	3878251	3887899	3867112	3877754	0.27	cps
Vanadium	51-2	308143	307941	305324	307136	0.51	cps
Yttrium	89-1	976730	983305	967105	975713	0.84	cps
Yttrium	89-2	383787	385261	378278	382442	0.96	cps
Zinc	66-2	144166	144853	144472	144497	0.24	cps
Zirconium	90-1	1210271	1208264	1198706	1205747	0.51	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P7
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:07:00	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	272043	274247	274236	273509	0.46	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P7
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:10:29	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	192	200	192	4.35	cps
Antimony	121-1	2392	2009	1992	2131	10.62	cps
Arsenic	75-2	20	19	13	17	22.31	cps
Barium	135-1	33	67	67	56	34.65	cps
Barium	137-1	108	92	92	97	9.90	cps
Beryllium	9-1	56	22	28	35	50.76	cps
Bismuth	209-1	1163662	1174438	1164498	1167533	0.51	cps
Bismuth	209-2	1331298	1327210	1320575	1326361	0.41	cps
Boron	10-1	417	358	292	356	17.59	cps
Boron	11-1	1892	1825	1642	1786	7.25	cps
Cadmium	111-1	399	246	284	309	25.73	cps
Cadmium	106-1	550	342	392	428	25.42	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	108	125	133	122	10.41	cps
Calcium	44-1	4026	3859	3842	3909	2.59	cps
Chromium	52-2	393	453	463	437	8.67	cps
Cobalt	59-2	30	63	50	48	35.11	cps
Copper	63-2	347	290	410	349	17.21	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	8	33	22	57.29	cps
Erbium	164-2	13	7	3	8	65.47	cps
Gadolinium	160-1	17	0	50	22	114.56	cps
Gadolinium	160-2	147	157	150	151	3.37	cps
Holmium	165-1	1418304	1412353	1394289	1408315	0.89	cps
Holmium	165-2	1630336	1626511	1624712	1627186	0.18	cps
Indium	115-1	1108917	1110323	1110835	1110025	0.09	cps
Indium	115-2	590103	587906	586688	588232	0.29	cps
Iron	56-2	7708	7324	7713	7582	2.94	cps
Iron	57-2	183	261	250	231	18.17	cps
Lead	206-1	422	472	433	443	5.93	cps
Lead	207-1	456	433	378	422	9.49	cps
Lead	208-1	2006	1839	1800	1882	5.80	cps
Lithium	6-1	280308	279306	280203	279939	0.20	cps
Magnesium	24-2	883	758	683	775	13.04	cps
Manganese	55-2	77	70	40	62	31.39	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P7
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:10:29	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	383	475	508	456	14.21	cps
Molybdenum	95-1	567	683	500	583	15.91	cps
Molybdenum	96-1	600	725	533	619	15.71	cps
Molybdenum	97-1	358	375	450	394	12.38	cps
Molybdenum	98-1	900	900	883	895	1.08	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	27	27	23	26	7.55	cps
Phosphorus	31-2	25	25	42	31	31.50	cps
Potassium	39-2	16610	17010	17010	16877	1.37	cps
Rhodium	103-1	1076091	1073521	1067279	1072297	0.42	cps
Rhodium	103-2	869852	868511	867508	868624	0.14	cps
Scandium	45-1	624510	632061	629264	628612	0.61	cps
Scandium	45-2	59084	58663	57625	58457	1.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	81	93	78	84	9.18	cps
Selenium	82-1	45	49	10	35	62.85	cps
Silicon	28-1	39879	39896	38810	39528	1.57	cps
Silver	109-1	125	125	100	117	12.37	cps
Silver	107-1	92	133	75	100	30.05	cps
Sodium	23-2	18445	18020	17386	17950	2.97	cps
Strontium	86-1	192	75	200	156	44.93	cps
Strontium	88-1	217	175	108	167	32.79	cps
Sulfur	34-1	52518	52777	53313	52870	0.77	cps
Terbium	159-1	1406727	1425573	1417972	1416758	0.67	cps
Terbium	159-2	1599548	1602399	1600892	1600946	0.09	cps
Thallium	203-1	400	358	350	369	7.25	cps
Thallium	205-1	1025	767	767	853	17.49	cps
Tin	118-1	675	642	500	606	15.34	cps
Titanium	47-1	142	58	50	83	60.83	cps
Uranium	238-1	242	250	300	264	11.96	cps
Vanadium	51-2	10	7	13	10	33.30	cps
Yttrium	89-1	951437	963563	950053	955018	0.78	cps
Yttrium	89-2	380653	382186	383546	382128	0.38	cps
Zinc	66-2	250	210	233	231	8.69	cps
Zirconium	90-1	350	325	400	358	10.66	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P7
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:10:29	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	33	100	67	50.01	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:14:01	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	792	750	717	753	4.99	cps
Antimony	121-1	3776	3859	3867	3834	1.32	cps
Arsenic	75-2	115	113	113	114	0.95	cps
Barium	135-1	3050	3192	3442	3228	6.14	cps
Barium	137-1	6469	5601	5576	5882	8.64	cps
Beryllium	9-1	356	361	378	365	3.17	cps
Bismuth	209-1	1173931	1162120	1162396	1166149	0.58	cps
Bismuth	209-2	1337912	1337045	1331436	1335465	0.26	cps
Boron	10-1	1217	1300	1117	1211	7.58	cps
Boron	11-1	5693	5885	5676	5751	2.01	cps
Cadmium	111-1	589	599	713	634	10.91	cps
Cadmium	106-1	333	358	525	406	25.69	cps
Cadmium	108-1	4	8	42	18	113.84	cps
Calcium	43-1	1859	1942	1900	1900	2.19	cps
Calcium	44-1	31769	31702	31585	31685	0.29	cps
Chromium	52-2	1930	1857	1853	1880	2.31	cps
Cobalt	59-2	1100	1110	1203	1138	5.01	cps
Copper	63-2	2040	1857	2014	1970	5.03	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	8	25	8	14	69.31	cps
Erbium	164-2	13	7	3	8	65.47	cps
Gadolinium	160-1	67	17	8	31	103.26	cps
Gadolinium	160-2	173	137	140	150	13.52	cps
Holmium	165-1	1425364	1390761	1412830	1409652	1.24	cps
Holmium	165-2	1644335	1643169	1630074	1639193	0.48	cps
Indium	115-1	1123648	1105054	1107850	1112184	0.90	cps
Indium	115-2	591755	583890	586653	587432	0.68	cps
Iron	56-2	39147	38462	38779	38796	0.88	cps
Iron	57-2	1139	1033	900	1024	11.69	cps
Lead	206-1	1911	1811	1900	1874	2.92	cps
Lead	207-1	1589	1556	1667	1604	3.56	cps
Lead	208-1	7257	7434	7451	7381	1.46	cps
Lithium	6-1	282642	281285	283388	282439	0.38	cps
Magnesium	24-2	26241	26015	25197	25818	2.13	cps
Manganese	55-2	640	613	533	596	9.32	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:14:01	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3326	2809	2892	3009	9.22	cps
Molybdenum	95-1	3526	3417	3292	3412	3.42	cps
Molybdenum	96-1	3792	3826	3942	3853	2.04	cps
Molybdenum	97-1	2300	2225	2175	2234	2.82	cps
Molybdenum	98-1	5993	5560	5835	5796	3.78	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	333	363	253	317	17.96	cps
Phosphorus	31-2	58	25	50	44	39.04	cps
Potassium	39-2	44042	43732	43673	43816	0.45	cps
Rhodium	103-1	1071899	1054187	1071242	1065776	0.94	cps
Rhodium	103-2	875920	877304	867768	873664	0.59	cps
Scandium	45-1	626144	621665	624833	624214	0.37	cps
Scandium	45-2	57973	59107	58465	58515	0.97	cps
Selenium	77-2	20	30	10	20	50.00	cps
Selenium	78-2	104	130	126	120	11.71	cps
Selenium	82-1	133	121	129	127	5.02	cps
Silicon	28-1	53128	52385	52593	52702	0.73	cps
Silver	109-1	1967	1500	1734	1734	13.46	cps
Silver	107-1	2025	1959	2125	2036	4.12	cps
Sodium	23-2	55554	55202	55663	55473	0.43	cps
Strontium	86-1	375	592	450	472	23.30	cps
Strontium	88-1	3484	3517	3334	3445	2.84	cps
Sulfur	34-1	54668	54082	53397	54049	1.18	cps
Terbium	159-1	1421253	1402689	1406609	1410184	0.69	cps
Terbium	159-2	1618823	1610589	1614751	1614721	0.25	cps
Thallium	203-1	1925	2050	1817	1931	6.05	cps
Thallium	205-1	4643	5018	4601	4754	4.83	cps
Tin	118-1	5543	6252	5826	5874	6.07	cps
Titanium	47-1	983	1025	933	981	4.68	cps
Uranium	238-1	6552	6744	6727	6674	1.59	cps
Vanadium	51-2	2557	2754	2757	2689	4.26	cps
Yttrium	89-1	964346	958509	960427	961094	0.31	cps
Yttrium	89-2	380892	380272	377401	379521	0.49	cps
Zinc	66-2	580	533	443	519	13.39	cps
Zirconium	90-1	2709	2550	2375	2545	6.55	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:14:01	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	542	525	617	561	8.70	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	PB103079BL	Instrumnet Name :	P7
Client Sample ID :	PB103079BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:47:23	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	50	42	44	10.82	cps
Antimony	121-1	117	133	50	100	44.10	cps
Arsenic	75-2	0	2	0	1	173.21	cps
Barium	135-1	8	8	0	6	86.60	cps
Barium	137-1	17	17	33	22	43.28	cps
Beryllium	9-1	11	22	11	15	43.30	cps
Bismuth	209-1	1201819	1190707	1201402	1197976	0.53	cps
Bismuth	209-2	1335306	1344709	1361125	1347047	0.97	cps
Boron	10-1	75	42	58	58	28.57	cps
Boron	11-1	342	508	300	383	28.76	cps
Cadmium	111-1	312	260	248	273	12.57	cps
Cadmium	106-1	450	375	350	392	13.29	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Calcium	43-1	42	50	50	47	10.18	cps
Calcium	44-1	2542	2409	2834	2595	8.38	cps
Chromium	52-2	333	500	423	419	19.92	cps
Cobalt	59-2	23	3	20	16	68.90	cps
Copper	63-2	153	160	123	146	13.42	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	17	33	8	19	65.47	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	33	25	33	31	15.74	cps
Gadolinium	160-2	153	187	220	187	17.86	cps
Holmium	165-1	1459483	1443999	1460507	1454663	0.64	cps
Holmium	165-2	1636090	1650046	1657389	1647841	0.66	cps
Indium	115-1	1135165	1131256	1134050	1133490	0.18	cps
Indium	115-2	573296	582661	588743	581567	1.34	cps
Iron	56-2	2067	2061	2200	2109	3.73	cps
Iron	57-2	83	122	106	104	18.81	cps
Lead	206-1	244	261	211	239	10.66	cps
Lead	207-1	200	217	200	206	4.68	cps
Lead	208-1	928	1033	967	976	5.47	cps
Lithium	6-1	290638	287237	288681	288852	0.59	cps
Magnesium	24-2	250	133	233	206	30.70	cps
Manganese	55-2	27	40	30	32	21.53	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	PB103079BL	Instrumnet Name :	P7
Client Sample ID :	PB103079BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:47:23	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	83	58	75	72	17.62	cps
Molybdenum	95-1	8	67	8	28	121.26	cps
Molybdenum	96-1	33	67	50	50	33.34	cps
Molybdenum	97-1	0	83	33	39	107.86	cps
Molybdenum	98-1	42	50	50	47	10.18	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	20	23	10	18	39.03	cps
Phosphorus	31-2	25	0	42	22	94.38	cps
Potassium	39-2	12447	12039	12322	12269	1.71	cps
Rhodium	103-1	1095857	1081742	1095251	1090950	0.73	cps
Rhodium	103-2	867646	874179	877363	873063	0.57	cps
Scandium	45-1	627612	623769	636831	629404	1.07	cps
Scandium	45-2	56250	57475	57458	57061	1.23	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	74	69	81	75	8.71	cps
Selenium	82-1	47	49	4	33	76.95	cps
Silicon	28-1	37866	37790	38434	38030	0.92	cps
Silver	109-1	17	8	17	14	34.67	cps
Silver	107-1	25	17	17	19	24.73	cps
Sodium	23-2	11905	12197	12347	12150	1.85	cps
Strontium	86-1	142	133	150	142	5.88	cps
Strontium	88-1	108	100	42	83	43.59	cps
Sulfur	34-1	55814	54878	56475	55722	1.44	cps
Terbium	159-1	1472249	1462701	1467006	1467319	0.33	cps
Terbium	159-2	1608542	1618698	1634232	1620491	0.80	cps
Thallium	203-1	42	83	133	86	53.30	cps
Thallium	205-1	125	75	142	114	30.46	cps
Tin	118-1	133	125	142	133	6.25	cps
Titanium	47-1	17	33	33	28	34.63	cps
Uranium	238-1	58	92	67	72	24.02	cps
Vanadium	51-2	3	10	3	6	69.34	cps
Yttrium	89-1	976520	969419	986476	977472	0.88	cps
Yttrium	89-2	369910	375358	377072	374113	1.00	cps
Zinc	66-2	173	137	120	143	19.04	cps
Zirconium	90-1	142	133	50	108	46.79	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	PB103079BL	Instrumnet Name :	P7
Client Sample ID :	PB103079BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:47:23	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	17	0	25	14	91.65	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	PB103079BS	Instrumnet Name :	P7
Client Sample ID :	PB103079BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:50:54	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	378292	382309	381439	380680	0.56	cps
Antimony	121-1	844210	860664	865574	856816	1.31	cps
Arsenic	75-2	59036	59233	59768	59346	0.64	cps
Barium	135-1	919640	930616	943228	931161	1.27	cps
Barium	137-1	1614596	1634745	1639266	1629536	0.81	cps
Beryllium	9-1	201293	199301	198751	199782	0.67	cps
Bismuth	209-1	1183993	1179386	1203065	1188815	1.06	cps
Bismuth	209-2	1342299	1356702	1354412	1351138	0.57	cps
Boron	10-1	23135	23402	23486	23341	0.78	cps
Boron	11-1	106776	107054	110158	107996	1.74	cps
Cadmium	111-1	211825	210857	212058	211580	0.30	cps
Cadmium	106-1	21183	21208	21117	21169	0.22	cps
Cadmium	108-1	14879	14629	14900	14802	1.02	cps
Calcium	43-1	194664	196089	198271	196341	0.93	cps
Calcium	44-1	3252795	3264576	3300854	3272742	0.77	cps
Chromium	52-2	367713	367032	368772	367839	0.24	cps
Cobalt	59-2	607833	611407	608179	609140	0.32	cps
Copper	63-2	895567	901120	902926	899871	0.43	cps
Dysprosium	156-1	8	17	33	19	65.48	cps
Dysprosium	156-2	37	53	33	41	26.06	cps
Erbium	164-1	33	25	8	22	57.29	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	33	33	42	36	13.33	cps
Gadolinium	160-2	193	153	203	183	14.43	cps
Holmium	165-1	1492452	1474908	1495503	1487621	0.75	cps
Holmium	165-2	1705991	1712116	1708172	1708760	0.18	cps
Indium	115-1	1136594	1129480	1150234	1138769	0.93	cps
Indium	115-2	582750	585899	589038	585896	0.54	cps
Iron	56-2	18637655	18544169	18653866	18611897	0.32	cps
Iron	57-2	469336	467969	466654	467987	0.29	cps
Lead	206-1	757551	766500	769280	764443	0.80	cps
Lead	207-1	697224	698860	701215	699099	0.29	cps
Lead	208-1	3126175	3146884	3156236	3143098	0.49	cps
Lithium	6-1	284038	282718	286355	284370	0.65	cps
Magnesium	24-2	2779374	2808402	2812475	2800084	0.64	cps
Manganese	55-2	567252	572249	571958	570486	0.49	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	PB103079BS	Instrumnet Name :	P7
Client Sample ID :	PB103079BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:50:54	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	677203	673391	685333	678642	0.90	cps
Molybdenum	95-1	385269	382257	389171	385566	0.90	cps
Molybdenum	96-1	486585	488800	492172	489186	0.58	cps
Molybdenum	97-1	238751	239726	243753	240743	1.10	cps
Molybdenum	98-1	622188	624071	637271	627844	1.31	cps
Neodymium	150-1	80	40	47	56	38.57	cps
Neodymium	150-2	27	10	23	20	44.10	cps
Nickel	60-2	163204	162796	163469	163156	0.21	cps
Phosphorus	31-2	21959	20732	21525	21405	2.91	cps
Potassium	39-2	1613370	1620557	1623075	1619000	0.31	cps
Rhodium	103-1	1079784	1076513	1090783	1082360	0.69	cps
Rhodium	103-2	870299	873965	872836	872366	0.22	cps
Scandium	45-1	646190	646125	653425	648580	0.65	cps
Scandium	45-2	59814	59867	59406	59695	0.42	cps
Selenium	77-2	1610	1583	1567	1587	1.38	cps
Selenium	78-2	5731	5492	5295	5506	3.96	cps
Selenium	82-1	10920	11084	11171	11058	1.15	cps
Silicon	28-1	649529	643982	651386	648299	0.59	cps
Silver	109-1	1009171	999017	1009800	1005996	0.60	cps
Silver	107-1	1059389	1045427	1054827	1053214	0.68	cps
Sodium	23-2	4327158	4406068	4384069	4372431	0.93	cps
Strontium	86-1	204639	205543	205151	205111	0.22	cps
Strontium	88-1	1784149	1791782	1815561	1797164	0.91	cps
Sulfur	34-1	109804	111745	112197	111248	1.14	cps
Terbium	159-1	1483958	1498945	1515124	1499342	1.04	cps
Terbium	159-2	1677351	1678613	1675647	1677204	0.09	cps
Thallium	203-1	931926	933119	930982	932009	0.11	cps
Thallium	205-1	2247712	2251886	2273467	2257688	0.61	cps
Tin	118-1	630970	634695	636425	634030	0.44	cps
Titanium	47-1	102011	102625	103615	102750	0.79	cps
Uranium	238-1	3928041	3943833	3976738	3949537	0.63	cps
Vanadium	51-2	308944	308871	311415	309744	0.47	cps
Yttrium	89-1	997983	996565	1006291	1000280	0.53	cps
Yttrium	89-2	388743	390123	388990	389285	0.19	cps
Zinc	66-2	155076	154450	155547	155025	0.35	cps
Zirconium	90-1	1238103	1227558	1245506	1237056	0.73	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	PB103079BS	Instrumnet Name :	P7
Client Sample ID :	PB103079BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:50:54	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	280334	275520	281814	279222	1.18	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01	Instrumnet Name :	P7
Client Sample ID :	S32-0594	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:54:25	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1717	1692	1575	1661	4.55	cps
Antimony	121-1	9479	7769	6594	7947	18.26	cps
Arsenic	75-2	7346	7478	7133	7319	2.38	cps
Barium	135-1	2334	2234	2492	2353	5.54	cps
Barium	137-1	4251	4192	3892	4112	4.68	cps
Beryllium	9-1	72	44	39	52	34.44	cps
Bismuth	209-1	1287634	1279426	1285532	1284198	0.33	cps
Bismuth	209-2	1332659	1337792	1349316	1339922	0.64	cps
Boron	10-1	2975	2817	2950	2914	2.92	cps
Boron	11-1	13523	14641	14007	14057	3.99	cps
Cadmium	111-1	400	428	500	443	11.60	cps
Cadmium	106-1	392	433	550	458	17.91	cps
Cadmium	108-1	4	0	8	4	99.96	cps
Calcium	43-1	223111	227413	226052	225525	0.97	cps
Calcium	44-1	3664244	3700110	3693298	3685884	0.52	cps
Chromium	52-2	1697	1757	1550	1668	6.38	cps
Cobalt	59-2	140	160	177	159	11.56	cps
Copper	63-2	3060	3070	2890	3007	3.36	cps
Dysprosium	156-1	17	42	33	31	41.66	cps
Dysprosium	156-2	27	17	7	17	59.99	cps
Erbium	164-1	33	25	42	33	25.01	cps
Erbium	164-2	20	17	17	18	10.81	cps
Gadolinium	160-1	33	75	42	50	44.10	cps
Gadolinium	160-2	143	160	203	169	18.34	cps
Holmium	165-1	1531261	1541570	1546034	1539622	0.49	cps
Holmium	165-2	1606362	1610210	1629350	1615307	0.76	cps
Indium	115-1	1266327	1258255	1260733	1261771	0.33	cps
Indium	115-2	573382	580166	576204	576584	0.59	cps
Iron	56-2	3661766	3688700	3678277	3676248	0.37	cps
Iron	57-2	92987	92803	92574	92788	0.22	cps
Lead	206-1	2195	2206	2011	2137	5.11	cps
Lead	207-1	2139	1928	1728	1932	10.64	cps
Lead	208-1	9441	8868	8240	8850	6.78	cps
Lithium	6-1	448158	465106	474754	462673	2.91	cps
Magnesium	24-2	850618	860398	859526	856847	0.63	cps
Manganese	55-2	132120	131908	131693	131907	0.16	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01	Instrumnet Name :	P7
Client Sample ID :	S32-0594	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:54:25	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	858	783	733	792	7.95	cps
Molybdenum	95-1	675	533	483	564	17.63	cps
Molybdenum	96-1	858	683	758	767	11.45	cps
Molybdenum	97-1	358	308	333	333	7.50	cps
Molybdenum	98-1	883	1192	883	986	18.05	cps
Neodymium	150-1	60	40	73	58	29.04	cps
Neodymium	150-2	20	37	43	33	36.05	cps
Nickel	60-2	243	270	210	241	12.47	cps
Phosphorus	31-2	1358	1075	1175	1203	11.95	cps
Potassium	39-2	262475	268330	267727	266177	1.21	cps
Rhodium	103-1	1053039	1071849	1062019	1062302	0.89	cps
Rhodium	103-2	806496	808489	812113	809033	0.35	cps
Scandium	45-1	605202	614531	614361	611365	0.87	cps
Scandium	45-2	50014	51633	50807	50818	1.59	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	80	50	74	68	23.19	cps
Selenium	82-1	49	55	44	49	11.50	cps
Silicon	28-1	11156455	11327915	11271777	11252049	0.78	cps
Silver	109-1	2217	2167	2092	2159	2.92	cps
Silver	107-1	2267	1934	1767	1989	12.80	cps
Sodium	23-2	3248828	3277744	3269543	3265372	0.46	cps
Strontium	86-1	126035	129281	127329	127548	1.28	cps
Strontium	88-1	1100064	1123030	1119447	1114180	1.11	cps
Sulfur	34-1	64926	65009	64775	64903	0.18	cps
Terbium	159-1	1535290	1554519	1560918	1550242	0.86	cps
Terbium	159-2	1575248	1588810	1595220	1586426	0.64	cps
Thallium	203-1	1150	892	450	831	42.62	cps
Thallium	205-1	2792	1634	1242	1889	42.67	cps
Tin	118-1	4626	4259	4076	4320	6.48	cps
Titanium	47-1	733	900	592	742	20.81	cps
Uranium	238-1	1950	1692	1975	1872	8.38	cps
Vanadium	51-2	307	343	313	321	6.08	cps
Yttrium	89-1	980248	991545	999752	990515	0.99	cps
Yttrium	89-2	340118	342052	340282	340817	0.31	cps
Zinc	66-2	2374	2347	2540	2420	4.33	cps
Zirconium	90-1	1826	1100	1083	1336	31.71	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01	Instrumnet Name :	P7
Client Sample ID :	S32-0594	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:54:25	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	417	275	225	306	32.54	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01DUP	Instrumnet Name :	P7
Client Sample ID :	S32-0594DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:57:57	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1625	1333	1483	1481	9.86	cps
Antimony	121-1	3050	2850	2592	2831	8.12	cps
Arsenic	75-2	7367	7304	7170	7280	1.38	cps
Barium	135-1	2550	2659	2542	2584	2.52	cps
Barium	137-1	4209	4359	4368	4312	2.07	cps
Beryllium	9-1	33	17	44	31	44.41	cps
Bismuth	209-1	1306618	1305231	1306510	1306120	0.06	cps
Bismuth	209-2	1312812	1322538	1323285	1319545	0.44	cps
Boron	10-1	2817	2900	2892	2870	1.60	cps
Boron	11-1	12906	13465	14040	13470	4.21	cps
Cadmium	111-1	326	251	338	305	15.41	cps
Cadmium	106-1	375	333	392	367	8.19	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	227575	230169	231176	229640	0.81	cps
Calcium	44-1	3769373	3754510	3776687	3766856	0.30	cps
Chromium	52-2	1380	1270	1253	1301	5.29	cps
Cobalt	59-2	93	140	137	123	21.11	cps
Copper	63-2	2990	2757	2794	2847	4.41	cps
Dysprosium	156-1	58	25	17	33	66.14	cps
Dysprosium	156-2	20	47	13	27	66.16	cps
Erbium	164-1	42	42	58	47	20.38	cps
Erbium	164-2	17	30	27	24	28.38	cps
Gadolinium	160-1	58	33	33	42	34.65	cps
Gadolinium	160-2	160	140	147	149	6.84	cps
Holmium	165-1	1615693	1595276	1625548	1612172	0.96	cps
Holmium	165-2	1588708	1611381	1607163	1602418	0.75	cps
Indium	115-1	1236043	1226260	1228315	1230206	0.42	cps
Indium	115-2	548345	546953	555428	550242	0.83	cps
Iron	56-2	3645337	3644216	3642716	3644089	0.04	cps
Iron	57-2	91026	91730	92344	91700	0.72	cps
Lead	206-1	1539	1472	1345	1452	6.81	cps
Lead	207-1	1328	1267	1256	1283	3.03	cps
Lead	208-1	6301	6006	5601	5969	5.89	cps
Lithium	6-1	463604	463520	461329	462818	0.28	cps
Magnesium	24-2	844387	846279	857738	849468	0.85	cps
Manganese	55-2	128677	130556	129800	129678	0.73	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01DUP	Instrumnet Name :	P7
Client Sample ID :	S32-0594DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:57:57	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	342	283	450	358	23.60	cps
Molybdenum	95-1	233	183	225	214	12.53	cps
Molybdenum	96-1	367	325	333	342	6.45	cps
Molybdenum	97-1	217	125	158	167	27.84	cps
Molybdenum	98-1	350	392	317	353	10.65	cps
Neodymium	150-1	53	33	20	36	47.20	cps
Neodymium	150-2	33	20	30	28	24.98	cps
Nickel	60-2	143	130	140	138	5.04	cps
Phosphorus	31-2	1292	1192	1200	1228	4.52	cps
Potassium	39-2	260230	260807	263615	261551	0.69	cps
Rhodium	103-1	1082818	1089001	1102188	1091336	0.91	cps
Rhodium	103-2	793870	799113	800312	797765	0.43	cps
Scandium	45-1	617404	613700	614965	615356	0.31	cps
Scandium	45-2	49268	49840	49727	49612	0.61	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	57	74	70	67	13.00	cps
Selenium	82-1	37	63	66	55	28.84	cps
Silicon	28-1	11318043	11281359	11482508	11360637	0.94	cps
Silver	109-1	917	917	1017	950	6.08	cps
Silver	107-1	1025	933	1000	986	4.81	cps
Sodium	23-2	3227058	3246709	3278579	3250782	0.80	cps
Strontium	86-1	130301	130493	130745	130513	0.17	cps
Strontium	88-1	1155773	1156703	1162926	1158467	0.34	cps
Sulfur	34-1	66006	65906	66440	66117	0.43	cps
Terbium	159-1	1605339	1612209	1620578	1612709	0.47	cps
Terbium	159-2	1558007	1565147	1583604	1568920	0.84	cps
Thallium	203-1	100	92	75	89	14.32	cps
Thallium	205-1	317	258	167	247	30.59	cps
Tin	118-1	2667	2825	2592	2695	4.42	cps
Titanium	47-1	683	733	692	703	3.81	cps
Uranium	238-1	1692	1734	1742	1722	1.56	cps
Vanadium	51-2	260	303	330	298	11.86	cps
Yttrium	89-1	1006779	1010707	1017775	1011754	0.55	cps
Yttrium	89-2	331627	332214	332976	332273	0.20	cps
Zinc	66-2	1847	1817	1903	1856	2.37	cps
Zirconium	90-1	817	783	725	775	5.99	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01DUP	Instrumnet Name :	P7
Client Sample ID :	S32-0594DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 17:57:57	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	117	175	142	21.21	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01LX5	Instrumnet Name :	P7
Client Sample ID :	S32-0594L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-09 18:01:29	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300	400	300	333	17.32	cps
Antimony	121-1	750	858	900	836	9.26	cps
Arsenic	75-2	1365	1498	1404	1422	4.82	cps
Barium	135-1	508	417	467	464	9.89	cps
Barium	137-1	800	933	708	814	13.90	cps
Beryllium	9-1	11	11	6	9	34.60	cps
Bismuth	209-1	1278204	1283944	1281323	1281157	0.22	cps
Bismuth	209-2	1329209	1337653	1350012	1338958	0.78	cps
Boron	10-1	725	692	583	667	11.11	cps
Boron	11-1	2934	3159	2875	2989	5.01	cps
Cadmium	111-1	275	302	221	266	15.41	cps
Cadmium	106-1	392	433	308	378	16.85	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	44602	44661	44176	44480	0.59	cps
Calcium	44-1	728405	725259	725788	726484	0.23	cps
Chromium	52-2	637	677	633	649	3.72	cps
Cobalt	59-2	20	37	37	31	30.93	cps
Copper	63-2	1090	1007	1030	1042	4.13	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	58	25	50	44	39.04	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	58	42	50	50	16.67	cps
Gadolinium	160-2	163	183	167	171	6.26	cps
Holmium	165-1	1596454	1620788	1605407	1607550	0.77	cps
Holmium	165-2	1643903	1651179	1667391	1654158	0.73	cps
Indium	115-1	1231289	1231568	1227257	1230038	0.20	cps
Indium	115-2	567746	567942	574578	570089	0.68	cps
Iron	56-2	726108	722583	725391	724694	0.26	cps
Iron	57-2	18151	18206	18829	18395	2.05	cps
Lead	206-1	506	517	422	482	10.72	cps
Lead	207-1	322	433	444	400	16.90	cps
Lead	208-1	1978	2017	1906	1967	2.87	cps
Lithium	6-1	330198	334540	334900	333213	0.79	cps
Magnesium	24-2	167770	170696	171497	169988	1.15	cps
Manganese	55-2	25539	25399	26421	25786	2.15	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01LX5	Instrumnet Name :	P7
Client Sample ID :	S32-0594L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-09 18:01:29	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	133	175	108	139	24.25	cps
Molybdenum	95-1	58	100	100	86	27.93	cps
Molybdenum	96-1	92	67	108	89	23.59	cps
Molybdenum	97-1	67	75	50	64	19.92	cps
Molybdenum	98-1	133	200	133	156	24.74	cps
Neodymium	150-1	7	27	13	16	65.47	cps
Neodymium	150-2	10	10	10	10	0.00	cps
Nickel	60-2	33	40	23	32	26.04	cps
Phosphorus	31-2	250	258	200	236	13.36	cps
Potassium	39-2	61361	61637	61445	61481	0.23	cps
Rhodium	103-1	1139052	1139689	1135905	1138216	0.18	cps
Rhodium	103-2	845478	848469	852587	848845	0.42	cps
Scandium	45-1	634743	642456	636627	637942	0.63	cps
Scandium	45-2	52901	53707	53526	53378	0.79	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	59	69	78	69	13.51	cps
Selenium	82-1	47	19	16	27	62.98	cps
Silicon	28-1	2295001	2294720	2297472	2295731	0.07	cps
Silver	109-1	383	375	333	364	7.36	cps
Silver	107-1	233	433	425	364	31.09	cps
Sodium	23-2	649028	651488	646265	648927	0.40	cps
Strontium	86-1	25006	25240	24948	25065	0.62	cps
Strontium	88-1	217818	221539	219147	219501	0.86	cps
Sulfur	34-1	54526	55923	55521	55323	1.30	cps
Terbium	159-1	1596165	1608395	1608827	1604462	0.45	cps
Terbium	159-2	1614162	1622944	1631368	1622825	0.53	cps
Thallium	203-1	75	50	42	56	31.22	cps
Thallium	205-1	125	142	83	117	25.75	cps
Tin	118-1	425	383	383	397	6.06	cps
Titanium	47-1	208	175	117	167	27.84	cps
Uranium	238-1	375	392	458	408	10.80	cps
Vanadium	51-2	83	57	77	72	19.22	cps
Yttrium	89-1	1031385	1041486	1041454	1038108	0.56	cps
Yttrium	89-2	353472	355565	356563	355200	0.44	cps
Zinc	66-2	800	887	717	801	10.61	cps
Zirconium	90-1	250	250	208	236	10.19	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01LX5	Instrumnet Name :	P7
Client Sample ID :	S32-0594L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-09 18:01:29	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	33	42	25	33	25.01	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-02	Instrumnet Name :	P7
Client Sample ID :	S32-0594MS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:05:01	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	297958	297353	298841	298050	0.25	cps
Antimony	121-1	766833	775305	776197	772779	0.67	cps
Arsenic	75-2	53215	53024	53258	53166	0.23	cps
Barium	135-1	886688	896762	896732	893394	0.65	cps
Barium	137-1	1559709	1577517	1570866	1569364	0.57	cps
Beryllium	9-1	186271	188717	189933	188307	0.99	cps
Bismuth	209-1	1260298	1255590	1256695	1257528	0.20	cps
Bismuth	209-2	1274866	1280646	1280506	1278673	0.26	cps
Boron	10-1	26591	26040	26658	26429	1.28	cps
Boron	11-1	118218	120015	121630	119954	1.42	cps
Cadmium	111-1	184378	187376	187769	186508	0.99	cps
Cadmium	106-1	17461	18696	18530	18229	3.68	cps
Cadmium	108-1	12935	13081	12906	12974	0.72	cps
Calcium	43-1	412256	417712	425790	418586	1.63	cps
Calcium	44-1	6807999	6807442	6874478	6829973	0.56	cps
Chromium	52-2	296280	298476	297206	297321	0.37	cps
Cobalt	59-2	491125	491760	492405	491764	0.13	cps
Copper	63-2	783716	792453	785903	787357	0.58	cps
Dysprosium	156-1	50	42	75	56	31.22	cps
Dysprosium	156-2	37	23	70	43	55.47	cps
Erbium	164-1	883	792	650	775	15.17	cps
Erbium	164-2	840	850	800	830	3.19	cps
Gadolinium	160-1	108	125	175	136	25.49	cps
Gadolinium	160-2	273	237	250	253	7.33	cps
Holmium	165-1	1583262	1586317	1611685	1593755	0.98	cps
Holmium	165-2	1593279	1605675	1603421	1600792	0.41	cps
Indium	115-1	1168473	1158816	1166744	1164678	0.44	cps
Indium	115-2	523152	526753	524802	524902	0.34	cps
Iron	56-2	19030462	19066079	19050735	19049092	0.09	cps
Iron	57-2	473038	480122	469477	474212	1.14	cps
Lead	206-1	732477	732433	743565	736158	0.87	cps
Lead	207-1	673152	677628	682817	677866	0.71	cps
Lead	208-1	3024092	3022942	3065341	3037459	0.80	cps
Lithium	6-1	422633	426771	426516	425306	0.55	cps
Magnesium	24-2	3347824	3330634	3319071	3332510	0.43	cps
Manganese	55-2	590913	595567	596682	594388	0.51	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-02	Instrumnet Name :	P7
Client Sample ID :	S32-0594MS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:05:01	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	605907	608835	613857	609533	0.66	cps
Molybdenum	95-1	368750	369799	372008	370186	0.45	cps
Molybdenum	96-1	460720	463062	467805	463862	0.78	cps
Molybdenum	97-1	230501	236416	236204	234374	1.43	cps
Molybdenum	98-1	596931	608336	610521	605263	1.21	cps
Neodymium	150-1	93	73	133	100	30.55	cps
Neodymium	150-2	40	30	57	42	31.91	cps
Nickel	60-2	133323	135052	136078	134818	1.03	cps
Phosphorus	31-2	1167	1317	1067	1183	10.63	cps
Potassium	39-2	1514184	1538599	1518917	1523900	0.85	cps
Rhodium	103-1	1037480	1047589	1049258	1044776	0.61	cps
Rhodium	103-2	770843	783142	776876	776953	0.79	cps
Scandium	45-1	587873	596256	600336	594822	1.07	cps
Scandium	45-2	48332	49680	48917	48976	1.38	cps
Selenium	77-2	1223	1330	1363	1306	5.60	cps
Selenium	78-2	4140	4149	4080	4123	0.90	cps
Selenium	82-1	9673	9725	10013	9803	1.87	cps
Silicon	28-1	11565877	11856180	11812888	11744982	1.33	cps
Silver	109-1	928566	940248	947191	938668	1.00	cps
Silver	107-1	966867	980603	994525	980665	1.41	cps
Sodium	23-2	7037837	7123319	7094203	7085119	0.61	cps
Strontium	86-1	308670	313174	308618	310154	0.84	cps
Strontium	88-1	2746000	2739730	2776605	2754112	0.72	cps
Sulfur	34-1	67738	66499	66508	66915	1.07	cps
Terbium	159-1	1575421	1584343	1598540	1586101	0.74	cps
Terbium	159-2	1564839	1572312	1578682	1571944	0.44	cps
Thallium	203-1	917619	919968	932368	923318	0.86	cps
Thallium	205-1	2225079	2229155	2255296	2236510	0.73	cps
Tin	118-1	578180	588431	594384	586998	1.40	cps
Titanium	47-1	88734	89564	88130	88809	0.81	cps
Uranium	238-1	3723410	3756116	3773416	3750981	0.68	cps
Vanadium	51-2	241992	243216	242812	242673	0.26	cps
Yttrium	89-1	982045	981815	1001068	988309	1.12	cps
Yttrium	89-2	323301	328661	326276	326079	0.82	cps
Zinc	66-2	128621	129481	128829	128977	0.35	cps
Zirconium	90-1	1075537	1087338	1099467	1087448	1.10	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-02	Instrumnet Name :	P7
Client Sample ID :	S32-0594MS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:05:01	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242791	239972	244316	242360	0.91	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-03	Instrumnet Name :	P7
Client Sample ID :	S32-0594MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:08:32	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	307064	312500	310316	309960	0.88	cps
Antimony	121-1	791565	797978	809395	799646	1.13	cps
Arsenic	75-2	54230	55158	54319	54569	0.94	cps
Barium	135-1	916199	932169	937653	928674	1.20	cps
Barium	137-1	1615487	1641540	1647901	1634976	1.05	cps
Beryllium	9-1	193563	195103	197852	195506	1.11	cps
Bismuth	209-1	1251382	1268853	1273899	1264711	0.93	cps
Bismuth	209-2	1266127	1265248	1268330	1266568	0.13	cps
Boron	10-1	26274	28394	29021	27896	5.16	cps
Boron	11-1	121159	128022	127392	125524	3.02	cps
Cadmium	111-1	190468	193435	193771	192558	0.94	cps
Cadmium	106-1	18421	19815	19439	19225	3.75	cps
Cadmium	108-1	13365	13849	13294	13503	2.24	cps
Calcium	43-1	426208	433381	431917	430502	0.88	cps
Calcium	44-1	7007399	7069503	7092156	7056353	0.62	cps
Chromium	52-2	304668	305400	305404	305157	0.14	cps
Cobalt	59-2	502342	505121	503706	503723	0.28	cps
Copper	63-2	808923	811634	809553	810037	0.18	cps
Dysprosium	156-1	25	8	58	31	83.33	cps
Dysprosium	156-2	40	53	50	48	14.52	cps
Erbium	164-1	892	1025	908	942	7.72	cps
Erbium	164-2	930	827	887	881	5.89	cps
Gadolinium	160-1	100	117	100	106	9.11	cps
Gadolinium	160-2	223	230	253	236	6.69	cps
Holmium	165-1	1591637	1607732	1631304	1610224	1.24	cps
Holmium	165-2	1602226	1600689	1602830	1601915	0.07	cps
Indium	115-1	1149284	1159123	1172070	1160159	0.99	cps
Indium	115-2	519275	520437	518305	519339	0.21	cps
Iron	56-2	19555011	19563389	19475096	19531165	0.25	cps
Iron	57-2	486530	488769	490590	488630	0.42	cps
Lead	206-1	764124	770644	775600	770122	0.75	cps
Lead	207-1	693722	706427	702167	700772	0.92	cps
Lead	208-1	3127937	3177096	3169527	3158187	0.84	cps
Lithium	6-1	408725	409955	413567	410749	0.61	cps
Magnesium	24-2	3325888	3376812	3341369	3348023	0.78	cps
Manganese	55-2	609029	610868	612189	610695	0.26	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-03	Instrumnet Name :	P7
Client Sample ID :	S32-0594MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:08:32	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	623922	634370	640893	633061	1.35	cps
Molybdenum	95-1	383910	389003	388428	387114	0.72	cps
Molybdenum	96-1	480011	485681	493772	486488	1.42	cps
Molybdenum	97-1	238241	245634	245323	243066	1.72	cps
Molybdenum	98-1	620507	629672	634898	628359	1.16	cps
Neodymium	150-1	80	100	100	93	12.37	cps
Neodymium	150-2	33	33	50	39	24.75	cps
Nickel	60-2	138160	137360	138238	137920	0.35	cps
Phosphorus	31-2	1100	1333	1367	1267	11.47	cps
Potassium	39-2	1556665	1574452	1568166	1566428	0.58	cps
Rhodium	103-1	1050995	1067335	1075679	1064670	1.18	cps
Rhodium	103-2	779318	780709	780107	780045	0.09	cps
Scandium	45-1	603251	607393	608235	606293	0.44	cps
Scandium	45-2	49770	49192	49462	49475	0.59	cps
Selenium	77-2	1270	1070	1207	1182	8.65	cps
Selenium	78-2	4240	4258	4286	4261	0.55	cps
Selenium	82-1	10190	10321	10254	10255	0.64	cps
Silicon	28-1	11961259	12127569	12075243	12054690	0.71	cps
Silver	109-1	966446	978331	988988	977922	1.15	cps
Silver	107-1	1003403	1015999	1032118	1017173	1.42	cps
Sodium	23-2	7272295	7221175	7236582	7243351	0.36	cps
Strontium	86-1	316852	323208	320906	320322	1.00	cps
Strontium	88-1	2807268	2857997	2889018	2851428	1.45	cps
Sulfur	34-1	67780	66592	67638	67337	0.96	cps
Terbium	159-1	1599975	1624840	1642226	1622347	1.31	cps
Terbium	159-2	1563416	1554110	1568525	1562017	0.47	cps
Thallium	203-1	948889	955038	968181	957369	1.03	cps
Thallium	205-1	2296972	2320817	2354618	2324136	1.25	cps
Tin	118-1	607066	615302	615921	612763	0.81	cps
Titanium	47-1	92457	94729	95442	94209	1.65	cps
Uranium	238-1	3836914	3878484	3912211	3875870	0.97	cps
Vanadium	51-2	248312	250650	251187	250049	0.61	cps
Yttrium	89-1	995385	1007191	1013431	1005336	0.91	cps
Yttrium	89-2	327001	328081	327760	327614	0.17	cps
Zinc	66-2	131587	132599	131610	131932	0.44	cps
Zirconium	90-1	1109734	1122220	1142387	1124781	1.46	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-03	Instrumnet Name :	P7
Client Sample ID :	S32-0594MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:08:32	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	249984	253493	257796	253758	1.54	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01A	Instrumnet Name :	P7
Client Sample ID :	S32-0594A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:12:03	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	307923	309373	305668	307655	0.61	cps
Antimony	121-1	794638	802042	797347	798009	0.47	cps
Arsenic	75-2	54619	54712	54247	54526	0.45	cps
Barium	135-1	916198	923202	929014	922805	0.70	cps
Barium	137-1	1610819	1628451	1632268	1623846	0.70	cps
Beryllium	9-1	194779	197371	195637	195929	0.67	cps
Bismuth	209-1	1246137	1258209	1262326	1255557	0.67	cps
Bismuth	209-2	1246700	1269327	1262404	1259477	0.92	cps
Boron	10-1	27000	27551	28386	27646	2.52	cps
Boron	11-1	124988	126258	127393	126213	0.95	cps
Cadmium	111-1	189614	192338	192491	191481	0.85	cps
Cadmium	106-1	19155	19164	19064	19128	0.29	cps
Cadmium	108-1	13181	13340	13202	13241	0.65	cps
Calcium	43-1	429701	432211	432139	431350	0.33	cps
Calcium	44-1	7069723	7099926	7089412	7086354	0.22	cps
Chromium	52-2	305958	304080	306025	305354	0.36	cps
Cobalt	59-2	500779	500446	504233	501819	0.42	cps
Copper	63-2	799389	806297	804588	803425	0.45	cps
Dysprosium	156-1	33	67	33	44	43.31	cps
Dysprosium	156-2	40	57	70	56	27.06	cps
Erbium	164-1	867	867	983	906	7.44	cps
Erbium	164-2	850	963	930	914	6.37	cps
Gadolinium	160-1	225	92	133	150	45.48	cps
Gadolinium	160-2	297	223	200	240	21.02	cps
Holmium	165-1	1605730	1611729	1622685	1613382	0.53	cps
Holmium	165-2	1577457	1598194	1599694	1591782	0.78	cps
Indium	115-1	1148343	1157759	1152048	1152717	0.41	cps
Indium	115-2	513729	519307	514735	515924	0.58	cps
Iron	56-2	19566234	19597166	19467136	19543512	0.35	cps
Iron	57-2	482701	487310	484222	484745	0.48	cps
Lead	206-1	758491	768908	765281	764227	0.69	cps
Lead	207-1	686169	704095	696649	695638	1.29	cps
Lead	208-1	3105146	3163511	3132556	3133738	0.93	cps
Lithium	6-1	397832	399660	397347	398280	0.31	cps
Magnesium	24-2	3355956	3396483	3379833	3377424	0.60	cps
Manganese	55-2	608613	609487	609944	609348	0.11	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01A	Instrumnet Name :	P7
Client Sample ID :	S32-0594A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:12:03	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	626610	641105	631855	633190	1.16	cps
Molybdenum	95-1	378331	386821	386469	383874	1.25	cps
Molybdenum	96-1	482032	481144	482270	481815	0.12	cps
Molybdenum	97-1	242222	242946	243478	242882	0.26	cps
Molybdenum	98-1	619456	633030	623140	625209	1.12	cps
Neodymium	150-1	127	113	93	111	15.10	cps
Neodymium	150-2	37	20	40	32	33.25	cps
Nickel	60-2	135371	139769	138184	137775	1.62	cps
Phosphorus	31-2	1125	1058	1067	1083	3.35	cps
Potassium	39-2	1563338	1559290	1555018	1559215	0.27	cps
Rhodium	103-1	1052574	1074663	1068196	1065144	1.07	cps
Rhodium	103-2	775927	779805	781630	779120	0.37	cps
Scandium	45-1	600461	601044	606072	602526	0.51	cps
Scandium	45-2	49081	50375	49583	49680	1.31	cps
Selenium	77-2	1263	1227	1290	1260	2.52	cps
Selenium	78-2	4164	4354	4291	4270	2.28	cps
Selenium	82-1	10199	10287	10423	10303	1.10	cps
Silicon	28-1	12167210	12280034	12202968	12216738	0.47	cps
Silver	109-1	970316	981397	971190	974301	0.63	cps
Silver	107-1	1012853	1029452	1019894	1020733	0.82	cps
Sodium	23-2	7360679	7274844	7309986	7315170	0.59	cps
Strontium	86-1	318246	327244	323210	322900	1.40	cps
Strontium	88-1	2841835	2846412	2876497	2854914	0.66	cps
Sulfur	34-1	67529	67529	66826	67295	0.60	cps
Terbium	159-1	1602457	1627479	1611630	1613855	0.78	cps
Terbium	159-2	1551371	1559709	1568956	1560012	0.56	cps
Thallium	203-1	949918	954593	953555	952689	0.26	cps
Thallium	205-1	2300693	2330344	2307180	2312739	0.67	cps
Tin	118-1	608642	614994	607590	610409	0.66	cps
Titanium	47-1	92063	93889	93858	93270	1.12	cps
Uranium	238-1	3802852	3878967	3887373	3856397	1.21	cps
Vanadium	51-2	246837	248594	247921	247784	0.36	cps
Yttrium	89-1	1001780	1004355	1009567	1005234	0.39	cps
Yttrium	89-2	325050	328532	327288	326956	0.54	cps
Zinc	66-2	130766	132448	131418	131544	0.64	cps
Zirconium	90-1	1112917	1123555	1126907	1121126	0.65	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01A	Instrumnet Name :	P7
Client Sample ID :	S32-0594A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:12:03	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	250369	251487	251473	251110	0.26	cps

LB Number : LB90717 Operator : Jaswal
 Lab Sample ID : I5469-04 Instrumnet Name : P7
 Client Sample ID : S32-0615 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-09 18:15:33 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	300	175	222	30.54	cps
Antimony	121-1	1634	1550	1825	1670	8.45	cps
Arsenic	75-2	782	813	815	803	2.33	cps
Barium	135-1	5585	5335	5385	5435	2.44	cps
Barium	137-1	8978	9845	10171	9665	6.38	cps
Beryllium	9-1	72	78	50	67	22.05	cps
Bismuth	209-1	1315333	1329100	1329909	1324781	0.62	cps
Bismuth	209-2	1330189	1334992	1346393	1337192	0.62	cps
Boron	10-1	2309	2584	2300	2398	6.73	cps
Boron	11-1	11005	11613	10396	11005	5.53	cps
Cadmium	111-1	229	435	396	353	31.06	cps
Cadmium	106-1	283	525	483	431	30.01	cps
Cadmium	108-1	4	4	13	7	69.23	cps
Calcium	43-1	42027	42236	42496	42253	0.56	cps
Calcium	44-1	682381	690703	692447	688510	0.78	cps
Chromium	52-2	1467	1447	1510	1475	2.20	cps
Cobalt	59-2	60	77	87	74	18.10	cps
Copper	63-2	2544	2507	2454	2501	1.81	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	83	42	8	44	84.56	cps
Erbium	164-2	33	7	30	23	62.26	cps
Gadolinium	160-1	17	33	50	33	50.00	cps
Gadolinium	160-2	153	193	110	152	27.38	cps
Holmium	165-1	1616955	1617590	1627198	1620581	0.35	cps
Holmium	165-2	1607920	1610065	1627525	1615170	0.67	cps
Indium	115-1	1188775	1195090	1197692	1193852	0.38	cps
Indium	115-2	530572	534202	536827	533867	0.59	cps
Iron	56-2	43738	43331	43437	43502	0.49	cps
Iron	57-2	1306	1072	1317	1232	11.21	cps
Lead	206-1	1834	1900	1856	1863	1.82	cps
Lead	207-1	1667	1561	1533	1587	4.43	cps
Lead	208-1	7696	7401	7334	7477	2.57	cps
Lithium	6-1	374546	379441	374644	376210	0.74	cps
Magnesium	24-2	226046	224946	226706	225899	0.39	cps
Manganese	55-2	17304	17411	17350	17355	0.31	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-04	Instrumnet Name :	P7
Client Sample ID :	S32-0615	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:15:33	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	725	725	558	669	14.37	cps
Molybdenum	95-1	608	542	658	603	9.71	cps
Molybdenum	96-1	858	775	750	795	7.14	cps
Molybdenum	97-1	408	467	442	439	6.67	cps
Molybdenum	98-1	1292	1417	1083	1264	13.32	cps
Neodymium	150-1	13	20	33	22	45.83	cps
Neodymium	150-2	13	13	33	20	57.74	cps
Nickel	60-2	173	243	183	200	18.93	cps
Phosphorus	31-2	33	42	42	39	12.38	cps
Potassium	39-2	316511	313220	317569	315766	0.72	cps
Rhodium	103-1	1082607	1086353	1084497	1084486	0.17	cps
Rhodium	103-2	797904	795787	807536	800409	0.78	cps
Scandium	45-1	598778	615579	608048	607468	1.39	cps
Scandium	45-2	49696	48854	49546	49365	0.91	cps
Selenium	77-2	10	3	10	8	49.52	cps
Selenium	78-2	67	54	63	61	10.93	cps
Selenium	82-1	43	54	15	37	53.71	cps
Silicon	28-1	5866506	5964111	5976923	5935847	1.02	cps
Silver	109-1	600	783	658	681	13.76	cps
Silver	107-1	717	517	692	642	16.98	cps
Sodium	23-2	7406739	7365145	7377958	7383281	0.29	cps
Strontium	86-1	30174	31812	31728	31238	2.95	cps
Strontium	88-1	276691	274083	278832	276535	0.86	cps
Sulfur	34-1	242184	242978	244704	243289	0.53	cps
Terbium	159-1	1617883	1614869	1623560	1618771	0.27	cps
Terbium	159-2	1569703	1572127	1591420	1577750	0.75	cps
Thallium	203-1	417	308	383	369	15.02	cps
Thallium	205-1	958	958	858	925	6.24	cps
Tin	118-1	3376	3451	3517	3448	2.06	cps
Titanium	47-1	158	133	92	128	26.36	cps
Uranium	238-1	5285	5018	5485	5262	4.45	cps
Vanadium	51-2	290	283	237	270	10.76	cps
Yttrium	89-1	1002291	1010224	1016757	1009757	0.72	cps
Yttrium	89-2	329320	330204	330045	329856	0.14	cps
Zinc	66-2	1360	1297	1380	1346	3.23	cps
Zirconium	90-1	608	525	600	578	7.94	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-04	Instrumnet Name :	P7
Client Sample ID :	S32-0615	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:15:33	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	150	208	172	18.32	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:19:03	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1954273	1958649	1951515	1954812	0.18	cps
Antimony	121-1	834027	845123	839839	839663	0.66	cps
Arsenic	75-2	58463	57898	57636	57999	0.73	cps
Barium	135-1	934518	938798	923534	932283	0.84	cps
Barium	137-1	1645113	1636297	1632744	1638051	0.39	cps
Beryllium	9-1	203286	204216	203428	203643	0.25	cps
Bismuth	209-1	1153746	1170680	1161325	1161917	0.73	cps
Bismuth	209-2	1276008	1274395	1088759	1213054	8.87	cps
Boron	10-1	24429	24254	23527	24070	1.99	cps
Boron	11-1	112064	114551	114189	113601	1.18	cps
Cadmium	111-1	206170	205221	202915	204769	0.82	cps
Cadmium	106-1	20382	20132	20332	20282	0.65	cps
Cadmium	108-1	14078	14487	14508	14358	1.69	cps
Calcium	43-1	989208	981111	981771	984030	0.46	cps
Calcium	44-1	16355006	16038227	16215664	16202966	0.98	cps
Chromium	52-2	366141	366359	371674	368058	0.85	cps
Cobalt	59-2	595125	592149	598359	595211	0.52	cps
Copper	63-2	855799	855536	859470	856935	0.26	cps
Dysprosium	156-1	33	25	8	22	57.29	cps
Dysprosium	156-2	40	33	37	37	9.10	cps
Erbium	164-1	17	42	25	28	45.82	cps
Erbium	164-2	17	10	10	12	31.50	cps
Gadolinium	160-1	67	33	67	56	34.65	cps
Gadolinium	160-2	140	97	157	131	23.62	cps
Holmium	165-1	1523000	1545531	1540675	1536402	0.77	cps
Holmium	165-2	1692005	1683262	1453928	1609732	8.39	cps
Indium	115-1	1131901	1146095	1145229	1141075	0.70	cps
Indium	115-2	576038	573885	493938	547953	8.54	cps
Iron	56-2	90055702	89591027	90063905	89903545	0.30	cps
Iron	57-2	2222149	2228979	2229311	2226813	0.18	cps
Lead	206-1	762810	761827	758677	761105	0.28	cps
Lead	207-1	695432	697492	690177	694367	0.54	cps
Lead	208-1	3134275	3145433	3111252	3130320	0.56	cps
Lithium	6-1	288278	287142	288232	287884	0.22	cps
Magnesium	24-2	14016328	13958882	14093004	14022738	0.48	cps
Manganese	55-2	560209	563236	566892	563446	0.59	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:19:03	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	698081	693425	689452	693652	0.62	cps
Molybdenum	95-1	394727	395861	394268	394952	0.21	cps
Molybdenum	96-1	502103	501822	504429	502784	0.28	cps
Molybdenum	97-1	247988	250505	249191	249228	0.51	cps
Molybdenum	98-1	638800	643654	641744	641399	0.38	cps
Neodymium	150-1	47	107	87	80	38.19	cps
Neodymium	150-2	10	17	30	19	53.91	cps
Nickel	60-2	158546	159278	160055	159293	0.47	cps
Phosphorus	31-2	21975	21884	21608	21822	0.88	cps
Potassium	39-2	8071918	8051724	8104410	8076017	0.33	cps
Rhodium	103-1	1063651	1071480	1060573	1065235	0.53	cps
Rhodium	103-2	841307	836290	719891	799163	8.60	cps
Scandium	45-1	657965	662606	659186	659919	0.36	cps
Scandium	45-2	60905	60232	51938	57692	8.66	cps
Selenium	77-2	1553	1683	1587	1608	4.20	cps
Selenium	78-2	5323	5331	5375	5343	0.52	cps
Selenium	82-1	11074	10747	10754	10858	1.72	cps
Silicon	28-1	694028	712080	710670	705593	1.42	cps
Silver	109-1	982552	981212	974681	979482	0.43	cps
Silver	107-1	1030333	1029562	1015127	1025007	0.84	cps
Sodium	23-2	21559355	21704695	21676864	21646971	0.36	cps
Strontium	86-1	212544	214424	217581	214850	1.18	cps
Strontium	88-1	1881540	1876849	1872535	1876975	0.24	cps
Sulfur	34-1	115069	113540	114690	114433	0.70	cps
Terbium	159-1	1534419	1539897	1531599	1535305	0.27	cps
Terbium	159-2	1650970	1655476	1418587	1575011	8.60	cps
Thallium	203-1	937399	927072	925669	930047	0.69	cps
Thallium	205-1	2268599	2258617	2244296	2257171	0.54	cps
Tin	118-1	632773	633682	630174	632209	0.29	cps
Titanium	47-1	105452	105284	107785	106174	1.32	cps
Uranium	238-1	4045124	4067939	4049256	4054106	0.30	cps
Vanadium	51-2	311945	308910	314159	311671	0.85	cps
Yttrium	89-1	1014737	1024976	1024176	1021296	0.56	cps
Yttrium	89-2	384633	383422	332125	366727	8.17	cps
Zinc	66-2	147071	146058	145981	146370	0.42	cps
Zirconium	90-1	1265905	1278560	1268137	1270867	0.53	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:19:03	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	288427	287828	285641	287299	0.51	cps

LB Number : LB90717 Operator : Jaswal
 Lab Sample ID : CCB69 Instrumnet Name : P7
 Client Sample ID : CCB69 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-09 18:22:33 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	100	83	86	14.78	cps
Antimony	121-1	2600	2125	2000	2242	14.12	cps
Arsenic	75-2	13	33	31	26	43.45	cps
Barium	135-1	58	33	75	56	37.75	cps
Barium	137-1	125	117	133	125	6.67	cps
Beryllium	9-1	83	50	50	61	31.50	cps
Bismuth	209-1	1223105	1225370	1212049	1220175	0.58	cps
Bismuth	209-2	1343897	1337161	1345985	1342348	0.34	cps
Boron	10-1	508	558	450	506	10.73	cps
Boron	11-1	2759	2259	2234	2417	12.26	cps
Cadmium	111-1	437	303	283	341	24.51	cps
Cadmium	106-1	600	417	375	464	25.80	cps
Cadmium	108-1	0	8	0	3	173.21	cps
Calcium	43-1	150	108	167	142	21.21	cps
Calcium	44-1	3959	3976	3642	3859	4.87	cps
Chromium	52-2	560	477	420	486	14.50	cps
Cobalt	59-2	53	37	47	46	18.41	cps
Copper	63-2	403	507	393	434	14.44	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	8	0	11	114.58	cps
Erbium	164-2	10	17	0	9	94.38	cps
Gadolinium	160-1	42	50	33	42	20.00	cps
Gadolinium	160-2	130	160	163	151	12.15	cps
Holmium	165-1	1521439	1510532	1503221	1511731	0.61	cps
Holmium	165-2	1669740	1639730	1647317	1652262	0.94	cps
Indium	115-1	1182822	1191096	1188634	1187517	0.36	cps
Indium	115-2	591098	588279	589668	589682	0.24	cps
Iron	56-2	5785	5123	5529	5479	6.09	cps
Iron	57-2	161	167	150	159	5.33	cps
Lead	206-1	672	583	639	632	7.11	cps
Lead	207-1	589	667	572	609	8.27	cps
Lead	208-1	2856	2706	2645	2735	3.97	cps
Lithium	6-1	292265	294878	294231	293791	0.46	cps
Magnesium	24-2	633	617	508	586	11.58	cps
Manganese	55-2	80	80	80	80	0.00	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:22:33	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	408	392	308	369	14.50	cps
Molybdenum	95-1	400	392	383	392	2.13	cps
Molybdenum	96-1	433	400	442	425	5.19	cps
Molybdenum	97-1	175	242	183	200	18.16	cps
Molybdenum	98-1	692	717	408	606	28.28	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40	33	10	28	56.71	cps
Phosphorus	31-2	42	33	33	36	13.33	cps
Potassium	39-2	12998	14166	13231	13465	4.59	cps
Rhodium	103-1	1141910	1140651	1133836	1138799	0.38	cps
Rhodium	103-2	886466	881854	883711	884010	0.26	cps
Scandium	45-1	647986	657986	653751	653241	0.77	cps
Scandium	45-2	58321	56916	56732	57323	1.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	67	83	89	80	14.52	cps
Selenium	82-1	60	3	23	29	101.22	cps
Silicon	28-1	42127	41659	41359	41715	0.93	cps
Silver	109-1	167	225	208	200	15.02	cps
Silver	107-1	225	283	233	247	12.76	cps
Sodium	23-2	13248	13173	12264	12895	4.25	cps
Strontium	86-1	125	125	242	164	41.10	cps
Strontium	88-1	167	158	167	164	2.94	cps
Sulfur	34-1	54434	54936	55028	54799	0.58	cps
Terbium	159-1	1526344	1523645	1509287	1519758	0.60	cps
Terbium	159-2	1636824	1623283	1625320	1628476	0.45	cps
Thallium	203-1	200	192	175	189	6.74	cps
Thallium	205-1	583	583	433	533	16.24	cps
Tin	118-1	600	558	592	583	3.78	cps
Titanium	47-1	83	42	58	61	34.32	cps
Uranium	238-1	308	358	208	292	26.19	cps
Vanadium	51-2	33	27	37	32	15.80	cps
Yttrium	89-1	1010768	1019388	1010166	1013441	0.51	cps
Yttrium	89-2	379306	377455	376221	377661	0.41	cps
Zinc	66-2	380	367	383	377	2.34	cps
Zirconium	90-1	442	492	392	442	11.32	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:22:33	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	142	100	106	31.91	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-05	Instrumnet Name :	P7
Client Sample ID :	S32-0600	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:26:04	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	317	300	294	8.65	cps
Antimony	121-1	56474	53938	54139	54850	2.57	cps
Arsenic	75-2	1974	2021	1967	1987	1.46	cps
Barium	135-1	3709	3392	3559	3553	4.46	cps
Barium	137-1	5901	6143	6502	6182	4.89	cps
Beryllium	9-1	17	89	56	54	67.30	cps
Bismuth	209-1	1241714	1267313	1290125	1266384	1.91	cps
Bismuth	209-2	1314295	1326568	1334264	1325043	0.76	cps
Boron	10-1	1267	1058	925	1083	15.90	cps
Boron	11-1	5168	4776	4951	4965	3.95	cps
Cadmium	111-1	323	353	364	347	6.14	cps
Cadmium	106-1	417	458	475	450	6.68	cps
Cadmium	108-1	21	8	8	12	57.75	cps
Calcium	43-1	75435	79146	78509	77697	2.55	cps
Calcium	44-1	1240108	1258807	1272023	1256979	1.28	cps
Chromium	52-2	2014	2170	1967	2050	5.20	cps
Cobalt	59-2	170	150	127	149	14.57	cps
Copper	63-2	4171	4341	4297	4270	2.07	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	42	42	42	42	0.00	cps
Erbium	164-2	10	3	10	8	49.52	cps
Gadolinium	160-1	42	25	83	50	60.09	cps
Gadolinium	160-2	123	120	127	123	2.70	cps
Holmium	165-1	1533094	1565371	1611823	1570096	2.52	cps
Holmium	165-2	1594623	1615534	1620557	1610238	0.85	cps
Indium	115-1	1223747	1224759	1242140	1230215	0.84	cps
Indium	115-2	554736	554175	551235	553382	0.34	cps
Iron	56-2	87214	87102	88208	87508	0.70	cps
Iron	57-2	2456	2450	2450	2452	0.13	cps
Lead	206-1	2022	2122	1922	2022	4.95	cps
Lead	207-1	1695	1811	1817	1774	3.89	cps
Lead	208-1	8268	8373	8090	8244	1.74	cps
Lithium	6-1	361504	365816	363576	363632	0.59	cps
Magnesium	24-2	374690	375093	379284	376356	0.68	cps
Manganese	55-2	8993	9623	9220	9279	3.44	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-05	Instrumnet Name :	P7
Client Sample ID :	S32-0600	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:26:04	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	800	1117	775	897	21.23	cps
Molybdenum	95-1	867	1008	967	947	7.69	cps
Molybdenum	96-1	1208	1017	1267	1164	11.24	cps
Molybdenum	97-1	467	600	650	572	16.56	cps
Molybdenum	98-1	1542	1525	1492	1520	1.68	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	10	10	13	11	17.30	cps
Nickel	60-2	580	553	500	544	7.48	cps
Phosphorus	31-2	200	175	150	175	14.28	cps
Potassium	39-2	939288	949215	937730	942078	0.66	cps
Rhodium	103-1	1064778	1079535	1099214	1081176	1.60	cps
Rhodium	103-2	811746	819058	813120	814641	0.48	cps
Scandium	45-1	592281	600047	610888	601072	1.55	cps
Scandium	45-2	49613	50302	49382	49766	0.96	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	74	67	59	67	11.11	cps
Selenium	82-1	41	33	49	41	19.71	cps
Silicon	28-1	3040490	3061250	3070700	3057480	0.51	cps
Silver	109-1	1175	1333	1100	1203	9.90	cps
Silver	107-1	1450	1383	1283	1372	6.11	cps
Sodium	23-2	1534562	1540871	1542590	1539341	0.27	cps
Strontium	86-1	71756	72459	74829	73015	2.21	cps
Strontium	88-1	634635	653876	657822	648778	1.91	cps
Sulfur	34-1	112808	113800	116528	114379	1.68	cps
Terbium	159-1	1538077	1568350	1601936	1569454	2.04	cps
Terbium	159-2	1565262	1588821	1595235	1583106	1.00	cps
Thallium	203-1	150	117	133	133	12.50	cps
Thallium	205-1	475	358	250	361	31.16	cps
Tin	118-1	4151	3959	4034	4048	2.39	cps
Titanium	47-1	200	75	117	131	48.75	cps
Uranium	238-1	1525	1542	1692	1586	5.79	cps
Vanadium	51-2	267	277	267	270	2.14	cps
Yttrium	89-1	978628	1001162	1013155	997648	1.76	cps
Yttrium	89-2	336642	336946	336523	336703	0.06	cps
Zinc	66-2	2437	2320	2567	2441	5.06	cps
Zirconium	90-1	1225	1058	1008	1097	10.34	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-05	Instrumnet Name :	P7
Client Sample ID :	S32-0600	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:26:04	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	250	217	208	225	9.80	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-06	Instrumnet Name :	P7
Client Sample ID :	S32-0601-FD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:29:36	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	292	308	450	350	24.86	cps
Antimony	121-1	60088	60749	61653	60830	1.29	cps
Arsenic	75-2	2122	2087	1974	2061	3.76	cps
Barium	135-1	3884	3767	3801	3817	1.58	cps
Barium	137-1	6410	6602	6327	6446	2.19	cps
Beryllium	9-1	61	17	61	46	55.42	cps
Bismuth	209-1	1298165	1316446	1323964	1312858	1.01	cps
Bismuth	209-2	1305658	1304865	1308297	1306273	0.14	cps
Boron	10-1	933	950	883	922	3.76	cps
Boron	11-1	4801	4968	4643	4804	3.38	cps
Cadmium	111-1	324	299	251	291	12.73	cps
Cadmium	106-1	425	392	317	378	14.69	cps
Cadmium	108-1	4	13	0	6	114.53	cps
Calcium	43-1	82196	83067	82673	82645	0.53	cps
Calcium	44-1	1346574	1354116	1354602	1351764	0.33	cps
Chromium	52-2	2060	2204	2157	2140	3.42	cps
Cobalt	59-2	127	187	157	157	19.15	cps
Copper	63-2	4241	4501	4494	4412	3.36	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	17	50	17	28	69.27	cps
Erbium	164-2	10	10	17	12	31.50	cps
Gadolinium	160-1	17	42	0	19	107.85	cps
Gadolinium	160-2	157	117	150	141	15.19	cps
Holmium	165-1	1610143	1624988	1662755	1632629	1.66	cps
Holmium	165-2	1599580	1602848	1599392	1600607	0.12	cps
Indium	115-1	1217393	1221779	1232345	1223839	0.63	cps
Indium	115-2	541529	542388	539945	541287	0.23	cps
Iron	56-2	91646	92261	91019	91642	0.68	cps
Iron	57-2	2500	2645	2595	2580	2.84	cps
Lead	206-1	1761	2028	2117	1969	9.40	cps
Lead	207-1	1789	1633	1411	1611	11.79	cps
Lead	208-1	7584	7729	7651	7655	0.94	cps
Lithium	6-1	361246	364120	366300	363889	0.70	cps
Magnesium	24-2	376056	371899	372649	373535	0.59	cps
Manganese	55-2	9603	9577	9340	9507	1.53	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-06	Instrumnet Name :	P7
Client Sample ID :	S32-0601-FD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:29:36	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	750	825	775	783	4.88	cps
Molybdenum	95-1	1017	942	975	978	3.84	cps
Molybdenum	96-1	983	1008	958	983	2.54	cps
Molybdenum	97-1	675	400	500	525	26.51	cps
Molybdenum	98-1	1425	1609	1609	1547	6.84	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	10	7	6	91.64	cps
Nickel	60-2	640	580	560	593	7.02	cps
Phosphorus	31-2	175	125	133	144	18.54	cps
Potassium	39-2	1071654	1062051	1055445	1063050	0.77	cps
Rhodium	103-1	1096444	1105166	1117342	1106317	0.95	cps
Rhodium	103-2	806236	811620	808527	808794	0.33	cps
Scandium	45-1	606841	609332	615069	610414	0.69	cps
Scandium	45-2	49857	49235	49536	49543	0.63	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	85	76	57	73	19.42	cps
Selenium	82-1	66	51	32	50	33.88	cps
Silicon	28-1	3099045	3110549	3098343	3102646	0.22	cps
Silver	109-1	650	850	825	775	14.06	cps
Silver	107-1	950	783	658	797	18.35	cps
Sodium	23-2	1543725	1545411	1548671	1545936	0.16	cps
Strontium	86-1	77418	77368	78391	77726	0.74	cps
Strontium	88-1	692533	685988	699237	692586	0.96	cps
Sulfur	34-1	115648	115857	114748	115418	0.51	cps
Terbium	159-1	1604805	1633537	1651669	1630004	1.45	cps
Terbium	159-2	1566167	1560898	1576852	1567972	0.52	cps
Thallium	203-1	83	67	17	56	62.45	cps
Thallium	205-1	167	192	117	158	24.12	cps
Tin	118-1	3075	3059	2925	3020	2.72	cps
Titanium	47-1	92	58	108	86	29.56	cps
Uranium	238-1	1859	1884	1892	1878	0.92	cps
Vanadium	51-2	383	363	357	368	3.77	cps
Yttrium	89-1	1027109	1018840	1026287	1024079	0.44	cps
Yttrium	89-2	330095	331383	332275	331251	0.33	cps
Zinc	66-2	2237	2037	2197	2157	4.91	cps
Zirconium	90-1	642	633	717	664	6.91	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-06	Instrumnet Name :	P7
Client Sample ID :	S32-0601-FD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:29:36	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	192	125	158	21.05	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-07	Instrumnet Name :	P7
Client Sample ID :	S32-0610	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:33:08	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35426	34833	35050	35103	0.86	cps
Antimony	121-1	1759	1850	2034	1881	7.45	cps
Arsenic	75-2	7402	7404	7409	7405	0.05	cps
Barium	135-1	12373	12222	12006	12200	1.51	cps
Barium	137-1	21534	20666	21225	21142	2.08	cps
Beryllium	9-1	106	122	100	109	10.59	cps
Bismuth	209-1	1273008	1278786	1269842	1273879	0.36	cps
Bismuth	209-2	1262086	1269190	1266966	1266081	0.29	cps
Boron	10-1	3501	3642	3759	3634	3.56	cps
Boron	11-1	15133	15676	16260	15689	3.59	cps
Cadmium	111-1	591	792	594	659	17.43	cps
Cadmium	106-1	392	617	342	450	32.55	cps
Cadmium	108-1	29	33	17	26	32.86	cps
Calcium	43-1	410225	413576	413429	412410	0.46	cps
Calcium	44-1	6726327	6748754	6732509	6735863	0.17	cps
Chromium	52-2	1603	1537	1477	1539	4.12	cps
Cobalt	59-2	2097	2237	2317	2217	5.02	cps
Copper	63-2	120299	121711	120851	120954	0.59	cps
Dysprosium	156-1	658	692	842	731	13.37	cps
Dysprosium	156-2	780	793	790	788	0.88	cps
Erbium	164-1	900	933	875	903	3.24	cps
Erbium	164-2	837	863	897	866	3.47	cps
Gadolinium	160-1	942	1000	858	933	7.63	cps
Gadolinium	160-2	920	1120	993	1011	10.01	cps
Holmium	165-1	1631863	1642664	1623483	1632670	0.59	cps
Holmium	165-2	1590226	1595206	1585358	1590263	0.31	cps
Indium	115-1	1186332	1184910	1174477	1181907	0.55	cps
Indium	115-2	523803	525508	519573	522962	0.58	cps
Iron	56-2	1272619	1280271	1266042	1272977	0.56	cps
Iron	57-2	32531	32965	33221	32906	1.06	cps
Lead	206-1	21501	21362	22202	21689	2.08	cps
Lead	207-1	18619	18419	18291	18443	0.90	cps
Lead	208-1	85382	86491	87003	86292	0.96	cps
Lithium	6-1	360659	364390	365485	363511	0.70	cps
Magnesium	24-2	1584459	1568405	1569774	1574213	0.57	cps
Manganese	55-2	222090	222971	220572	221878	0.55	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-07	Instrumnet Name :	P7
Client Sample ID :	S32-0610	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:33:08	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	575	500	500	525	8.25	cps
Molybdenum	95-1	375	308	317	333	10.90	cps
Molybdenum	96-1	400	383	367	383	4.35	cps
Molybdenum	97-1	233	225	242	233	3.57	cps
Molybdenum	98-1	492	492	517	500	2.89	cps
Neodymium	150-1	1227	1220	1160	1202	3.05	cps
Neodymium	150-2	793	887	873	851	5.93	cps
Nickel	60-2	737	790	730	752	4.37	cps
Phosphorus	31-2	267	258	142	222	31.45	cps
Potassium	39-2	319966	322313	324297	322192	0.67	cps
Rhodium	103-1	1079192	1079107	1077837	1078712	0.07	cps
Rhodium	103-2	782937	785959	784695	784530	0.19	cps
Scandium	45-1	604362	608829	605030	606074	0.40	cps
Scandium	45-2	48372	48386	48422	48393	0.05	cps
Selenium	77-2	3	13	10	9	57.30	cps
Selenium	78-2	63	72	43	59	25.58	cps
Selenium	82-1	26	10	15	17	47.47	cps
Silicon	28-1	8543056	8601749	8608188	8584331	0.42	cps
Silver	109-1	675	900	650	742	18.56	cps
Silver	107-1	758	675	733	722	5.92	cps
Sodium	23-2	5426683	5428312	5413857	5422951	0.15	cps
Strontium	86-1	221892	219646	221422	220987	0.54	cps
Strontium	88-1	1971138	1948661	1962285	1960695	0.58	cps
Sulfur	34-1	74537	74253	74721	74504	0.32	cps
Terbium	159-1	1617639	1629787	1623460	1623629	0.37	cps
Terbium	159-2	1553964	1560943	1556709	1557205	0.23	cps
Thallium	203-1	117	58	58	78	43.30	cps
Thallium	205-1	208	233	267	236	12.40	cps
Tin	118-1	2234	2284	2867	2461	14.31	cps
Titanium	47-1	792	792	808	797	1.20	cps
Uranium	238-1	6710	6569	6902	6727	2.49	cps
Vanadium	51-2	697	610	710	672	8.08	cps
Yttrium	89-1	1027393	1021531	1024301	1024408	0.29	cps
Yttrium	89-2	329992	330901	328649	329847	0.34	cps
Zinc	66-2	3734	3654	3827	3738	2.32	cps
Zirconium	90-1	1042	842	808	897	14.07	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-07	Instrumnet Name :	P7
Client Sample ID :	S32-0610	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:33:08	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	208	158	192	15.06	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-08	Instrumnet Name :	P7
Client Sample ID :	S32-0610MS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:36:39	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	323731	326699	331692	327374	1.23	cps
Antimony	121-1	839450	837805	838101	838452	0.10	cps
Arsenic	75-2	55408	56046	56011	55822	0.64	cps
Barium	135-1	901979	894882	904379	900413	0.55	cps
Barium	137-1	1588547	1576993	1591972	1585837	0.49	cps
Beryllium	9-1	201221	202728	201830	201926	0.38	cps
Bismuth	209-1	1258224	1268704	1264872	1263933	0.42	cps
Bismuth	209-2	1236159	1233688	1241704	1237183	0.33	cps
Boron	10-1	25915	27559	25898	26457	3.61	cps
Boron	11-1	119704	122713	125352	122590	2.31	cps
Cadmium	111-1	198521	200820	199661	199667	0.58	cps
Cadmium	106-1	19347	19573	20090	19670	1.94	cps
Cadmium	108-1	13845	13736	13703	13761	0.54	cps
Calcium	43-1	601761	600735	608068	603522	0.66	cps
Calcium	44-1	9846467	9833103	9829022	9836197	0.09	cps
Chromium	52-2	311629	314043	317754	314476	0.98	cps
Cobalt	59-2	517254	517527	518727	517836	0.15	cps
Copper	63-2	869741	877880	876486	874703	0.50	cps
Dysprosium	156-1	758	833	750	781	5.88	cps
Dysprosium	156-2	833	870	703	802	10.92	cps
Erbium	164-1	1809	1842	1867	1839	1.59	cps
Erbium	164-2	1887	1743	1870	1833	4.28	cps
Gadolinium	160-1	1025	983	1033	1014	2.64	cps
Gadolinium	160-2	1050	1077	1040	1056	1.80	cps
Holmium	165-1	1624695	1634747	1643860	1634434	0.59	cps
Holmium	165-2	1576231	1574858	1587995	1579694	0.46	cps
Indium	115-1	1134520	1147191	1130644	1137452	0.76	cps
Indium	115-2	498933	501608	503972	501504	0.50	cps
Iron	56-2	16218598	16177544	16245847	16213997	0.21	cps
Iron	57-2	402275	406987	407108	405457	0.68	cps
Lead	206-1	823696	830419	831519	828545	0.51	cps
Lead	207-1	749861	758557	757075	755164	0.62	cps
Lead	208-1	3380904	3417344	3414730	3404326	0.60	cps
Lithium	6-1	354085	359160	357559	356935	0.73	cps
Magnesium	24-2	4000767	4045898	4058172	4034946	0.75	cps
Manganese	55-2	665764	673226	674495	671162	0.70	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-08	Instrumnet Name :	P7
Client Sample ID :	S32-0610MS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:36:39	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	645800	641053	646157	644336	0.44	cps
Molybdenum	95-1	370914	370293	372037	371081	0.24	cps
Molybdenum	96-1	470755	469497	473441	471231	0.43	cps
Molybdenum	97-1	233447	231618	235467	233510	0.82	cps
Molybdenum	98-1	599625	604920	607685	604077	0.68	cps
Neodymium	150-1	1073	1253	1160	1162	7.75	cps
Neodymium	150-2	907	997	983	962	5.05	cps
Nickel	60-2	142791	142720	142723	142745	0.03	cps
Phosphorus	31-2	192	167	242	200	19.09	cps
Potassium	39-2	1545225	1543720	1552996	1547314	0.32	cps
Rhodium	103-1	1055105	1059729	1062623	1059152	0.36	cps
Rhodium	103-2	763063	764553	769145	765587	0.41	cps
Scandium	45-1	602691	595181	604236	600702	0.81	cps
Scandium	45-2	47964	48968	49138	48690	1.30	cps
Selenium	77-2	1153	1137	1260	1183	5.66	cps
Selenium	78-2	4158	4369	4490	4339	3.87	cps
Selenium	82-1	10679	10720	10992	10797	1.57	cps
Silicon	28-1	8948005	8912699	8995769	8952158	0.47	cps
Silver	109-1	1009807	1012298	1016867	1012991	0.35	cps
Silver	107-1	1052665	1062987	1065873	1060509	0.65	cps
Sodium	23-2	9110352	9293800	9262501	9222218	1.06	cps
Strontium	86-1	417561	416700	418907	417723	0.27	cps
Strontium	88-1	3662106	3681790	3678820	3674239	0.29	cps
Sulfur	34-1	73917	74470	74688	74359	0.53	cps
Terbium	159-1	1625951	1622586	1636206	1628248	0.44	cps
Terbium	159-2	1544364	1548106	1552250	1548240	0.25	cps
Thallium	203-1	1002394	1013714	1010074	1008728	0.57	cps
Thallium	205-1	2424806	2430565	2448704	2434692	0.51	cps
Tin	118-1	581058	587419	585844	584774	0.57	cps
Titanium	47-1	88591	89438	90151	89393	0.87	cps
Uranium	238-1	4125811	4110891	4113108	4116603	0.20	cps
Vanadium	51-2	253981	255170	256580	255244	0.51	cps
Yttrium	89-1	1015863	1019885	1016725	1017491	0.21	cps
Yttrium	89-2	323028	327046	326996	325690	0.71	cps
Zinc	66-2	125510	125948	126095	125851	0.24	cps
Zirconium	90-1	1170571	1175813	1179756	1175380	0.39	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-08	Instrumnet Name :	P7
Client Sample ID :	S32-0610MS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:36:39	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	263754	263962	264916	264211	0.23	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-09	Instrumnet Name :	P7
Client Sample ID :	S32-0610MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:40:09	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	336856	337067	339726	337883	0.47	cps
Antimony	121-1	854999	856328	862857	858061	0.49	cps
Arsenic	75-2	57217	57976	57725	57639	0.67	cps
Barium	135-1	922547	927796	929768	926704	0.40	cps
Barium	137-1	1615048	1631641	1636594	1627761	0.69	cps
Beryllium	9-1	207510	207339	208568	207806	0.32	cps
Bismuth	209-1	1252591	1243996	1257054	1251214	0.53	cps
Bismuth	209-2	1233004	1243849	1250495	1242449	0.71	cps
Boron	10-1	26733	27367	27242	27114	1.24	cps
Boron	11-1	126551	126519	127502	126857	0.44	cps
Cadmium	111-1	203760	204701	204602	204354	0.25	cps
Cadmium	106-1	19857	19806	20065	19909	0.69	cps
Cadmium	108-1	14479	14483	14587	14516	0.42	cps
Calcium	43-1	601592	602973	604471	603012	0.24	cps
Calcium	44-1	9921041	9886099	9918718	9908619	0.20	cps
Chromium	52-2	321585	322961	325665	323404	0.64	cps
Cobalt	59-2	530644	533817	539837	534766	0.87	cps
Copper	63-2	900786	902929	908946	904220	0.47	cps
Dysprosium	156-1	850	633	817	767	15.22	cps
Dysprosium	156-2	700	803	823	776	8.53	cps
Erbium	164-1	1817	1875	1967	1886	4.01	cps
Erbium	164-2	1910	1907	1793	1870	3.55	cps
Gadolinium	160-1	900	850	1217	989	20.11	cps
Gadolinium	160-2	1113	877	960	983	12.21	cps
Holmium	165-1	1609130	1628510	1629123	1622254	0.70	cps
Holmium	165-2	1574719	1595665	1599648	1590011	0.84	cps
Indium	115-1	1134422	1134240	1147200	1138621	0.65	cps
Indium	115-2	502779	503041	505084	503635	0.25	cps
Iron	56-2	16868656	16915750	16865549	16883318	0.17	cps
Iron	57-2	418051	421728	420727	420169	0.45	cps
Lead	206-1	831916	834795	845686	837466	0.87	cps
Lead	207-1	763176	767747	771640	767521	0.55	cps
Lead	208-1	3432612	3449172	3485654	3455813	0.79	cps
Lithium	6-1	354480	353565	355963	354669	0.34	cps
Magnesium	24-2	4005805	4026466	4014839	4015703	0.26	cps
Manganese	55-2	690939	688860	690686	690162	0.16	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-09	Instrumnet Name :	P7
Client Sample ID :	S32-0610MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:40:09	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	661377	656848	664900	661042	0.61	cps
Molybdenum	95-1	384784	380318	385637	383580	0.74	cps
Molybdenum	96-1	484519	486435	486586	485847	0.24	cps
Molybdenum	97-1	239645	238788	240859	239764	0.43	cps
Molybdenum	98-1	621123	625324	630431	625626	0.75	cps
Neodymium	150-1	1153	1160	1260	1191	5.02	cps
Neodymium	150-2	1017	890	1030	979	7.89	cps
Nickel	60-2	144810	146618	147840	146422	1.04	cps
Phosphorus	31-2	217	200	192	203	6.28	cps
Potassium	39-2	1579593	1591982	1599122	1590232	0.62	cps
Rhodium	103-1	1052328	1056519	1068990	1059279	0.82	cps
Rhodium	103-2	768646	773366	781584	774532	0.85	cps
Scandium	45-1	599007	601140	598356	599501	0.24	cps
Scandium	45-2	48971	48944	49406	49107	0.53	cps
Selenium	77-2	1280	1330	1407	1339	4.77	cps
Selenium	78-2	4629	4479	4566	4558	1.65	cps
Selenium	82-1	10951	10902	11252	11035	1.72	cps
Silicon	28-1	8936118	8930783	8912562	8926488	0.14	cps
Silver	109-1	1031524	1033569	1038006	1034366	0.32	cps
Silver	107-1	1083750	1080396	1089555	1084567	0.43	cps
Sodium	23-2	9082955	9259358	9157515	9166609	0.97	cps
Strontium	86-1	415344	415328	418604	416425	0.45	cps
Strontium	88-1	3694536	3666148	3716304	3692329	0.68	cps
Sulfur	34-1	73985	74545	74143	74224	0.39	cps
Terbium	159-1	1589629	1627263	1618411	1611768	1.22	cps
Terbium	159-2	1540207	1554519	1563589	1552772	0.76	cps
Thallium	203-1	1009693	1020158	1035578	1021810	1.27	cps
Thallium	205-1	2448289	2463842	2487157	2466429	0.79	cps
Tin	118-1	601460	606686	607769	605305	0.56	cps
Titanium	47-1	92230	91886	91400	91839	0.45	cps
Uranium	238-1	4165622	4148399	4230435	4181485	1.03	cps
Vanadium	51-2	263624	264722	264901	264416	0.26	cps
Yttrium	89-1	1009476	1002358	1015935	1009256	0.67	cps
Yttrium	89-2	328995	326911	332476	329461	0.85	cps
Zinc	66-2	130456	130316	130864	130545	0.22	cps
Zirconium	90-1	1193182	1200811	1201302	1198432	0.38	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-09	Instrumnet Name :	P7
Client Sample ID :	S32-0610MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:40:09	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	268366	269448	267807	268540	0.31	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-07A	Instrumnet Name :	P7
Client Sample ID :	S32-0610A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:43:40	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	339370	333823	337879	337024	0.85	cps
Antimony	121-1	846055	847461	848100	847206	0.12	cps
Arsenic	75-2	56210	57227	57651	57029	1.30	cps
Barium	135-1	924184	913194	919217	918865	0.60	cps
Barium	137-1	1615153	1623002	1633520	1623892	0.57	cps
Beryllium	9-1	207773	207629	207796	207733	0.04	cps
Bismuth	209-1	1241783	1255873	1254773	1250810	0.63	cps
Bismuth	209-2	1231042	1243446	1244198	1239562	0.60	cps
Boron	10-1	27426	28286	28060	27924	1.60	cps
Boron	11-1	127577	129216	128342	128378	0.64	cps
Cadmium	111-1	203640	204486	204495	204207	0.24	cps
Cadmium	106-1	20749	20524	21192	20822	1.63	cps
Cadmium	108-1	13728	14312	14362	14134	2.49	cps
Calcium	43-1	605761	612204	611009	609658	0.56	cps
Calcium	44-1	9937398	9969554	10026048	9977667	0.45	cps
Chromium	52-2	320600	319947	322689	321079	0.45	cps
Cobalt	59-2	526890	530166	534612	530556	0.73	cps
Copper	63-2	893018	896211	894911	894713	0.18	cps
Dysprosium	156-1	800	800	675	758	9.52	cps
Dysprosium	156-2	860	850	740	817	8.15	cps
Erbium	164-1	1609	2050	1692	1784	13.16	cps
Erbium	164-2	1897	1894	1813	1868	2.53	cps
Gadolinium	160-1	892	992	983	956	5.81	cps
Gadolinium	160-2	1100	1027	973	1033	6.15	cps
Holmium	165-1	1647086	1623290	1610979	1627118	1.13	cps
Holmium	165-2	1574141	1579867	1589933	1581313	0.51	cps
Indium	115-1	1131612	1126266	1131735	1129871	0.28	cps
Indium	115-2	497959	498192	502455	499535	0.51	cps
Iron	56-2	16767523	16567856	16609514	16648298	0.63	cps
Iron	57-2	417884	417106	417272	417420	0.10	cps
Lead	206-1	828373	833812	833006	831730	0.35	cps
Lead	207-1	759172	763442	761907	761507	0.28	cps
Lead	208-1	3423969	3446262	3438820	3436350	0.33	cps
Lithium	6-1	350900	352156	357019	353358	0.91	cps
Magnesium	24-2	4069240	4061420	4115123	4081928	0.71	cps
Manganese	55-2	683276	680802	687137	683738	0.47	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-07A	Instrumnet Name :	P7
Client Sample ID :	S32-0610A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:43:40	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	650976	659345	652807	654376	0.67	cps
Molybdenum	95-1	379096	377490	379685	378757	0.30	cps
Molybdenum	96-1	479914	481605	479659	480393	0.22	cps
Molybdenum	97-1	237201	235551	239093	237281	0.75	cps
Molybdenum	98-1	617927	615758	611469	615051	0.53	cps
Neodymium	150-1	1173	1173	1153	1167	0.99	cps
Neodymium	150-2	953	860	987	933	7.04	cps
Nickel	60-2	145369	145864	145769	145667	0.18	cps
Phosphorus	31-2	308	200	267	258	21.15	cps
Potassium	39-2	1582937	1579674	1585214	1582608	0.18	cps
Rhodium	103-1	1054222	1056550	1059609	1056794	0.26	cps
Rhodium	103-2	767061	768701	770191	768651	0.20	cps
Scandium	45-1	598106	605458	605194	602919	0.69	cps
Scandium	45-2	49526	48897	49743	49389	0.89	cps
Selenium	77-2	1280	1380	1273	1311	4.56	cps
Selenium	78-2	4221	4536	4297	4351	3.78	cps
Selenium	82-1	10960	10802	10958	10907	0.83	cps
Silicon	28-1	9052343	9053849	9085561	9063918	0.21	cps
Silver	109-1	1036530	1033723	1035194	1035149	0.14	cps
Silver	107-1	1072888	1074549	1074984	1074140	0.10	cps
Sodium	23-2	9346875	9462657	9403214	9404249	0.62	cps
Strontium	86-1	419344	417856	413211	416804	0.77	cps
Strontium	88-1	3698672	3721322	3691008	3703667	0.43	cps
Sulfur	34-1	72418	73113	74897	73476	1.74	cps
Terbium	159-1	1610495	1613700	1614461	1612885	0.13	cps
Terbium	159-2	1542644	1544536	1550345	1545842	0.26	cps
Thallium	203-1	1025839	1023249	1022897	1023995	0.16	cps
Thallium	205-1	2455093	2447343	2483808	2462082	0.78	cps
Tin	118-1	597131	597681	597338	597383	0.05	cps
Titanium	47-1	92792	93320	92557	92890	0.42	cps
Uranium	238-1	4176460	4190167	4164749	4177125	0.30	cps
Vanadium	51-2	263230	262132	263797	263053	0.32	cps
Yttrium	89-1	1006941	1013766	1006922	1009210	0.39	cps
Yttrium	89-2	326168	328434	330689	328430	0.69	cps
Zinc	66-2	128738	129209	129838	129261	0.43	cps
Zirconium	90-1	1188543	1192781	1185317	1188880	0.31	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-07A	Instrumnet Name :	P7
Client Sample ID :	S32-0610A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:43:40	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	268101	269470	267338	268303	0.40	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-10	Instrumnet Name :	P7
Client Sample ID :	S32-0617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:47:11	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5184	4959	5501	5215	5.22	cps
Antimony	121-1	3359	3134	3317	3270	3.66	cps
Arsenic	75-2	3308	3202	3230	3247	1.69	cps
Barium	135-1	5068	5393	5151	5204	3.25	cps
Barium	137-1	9237	9028	9229	9165	1.29	cps
Beryllium	9-1	56	122	56	78	49.49	cps
Bismuth	209-1	1282831	1305020	1315157	1301003	1.27	cps
Bismuth	209-2	1277423	1281046	1279538	1279335	0.14	cps
Boron	10-1	4409	4342	4568	4440	2.60	cps
Boron	11-1	20081	21733	21207	21007	4.02	cps
Cadmium	111-1	324	319	301	315	3.85	cps
Cadmium	106-1	383	333	367	361	7.05	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Calcium	43-1	13407	13573	14333	13771	3.58	cps
Calcium	44-1	222232	223743	227821	224599	1.29	cps
Chromium	52-2	23997	24133	24003	24045	0.32	cps
Cobalt	59-2	553	533	560	549	2.53	cps
Copper	63-2	6515	6472	6458	6482	0.46	cps
Dysprosium	156-1	108	42	67	72	46.63	cps
Dysprosium	156-2	90	67	93	83	17.44	cps
Erbium	164-1	92	100	117	103	12.38	cps
Erbium	164-2	77	77	47	67	25.98	cps
Gadolinium	160-1	92	158	92	114	33.80	cps
Gadolinium	160-2	270	180	243	231	20.00	cps
Holmium	165-1	1595207	1618923	1631882	1615337	1.15	cps
Holmium	165-2	1570540	1569712	1581639	1573964	0.42	cps
Indium	115-1	1163655	1167333	1183801	1171596	0.92	cps
Indium	115-2	517371	515640	517457	516823	0.20	cps
Iron	56-2	372992	370175	371190	371453	0.38	cps
Iron	57-2	9892	9214	9003	9370	4.96	cps
Lead	206-1	1583	1845	1728	1719	7.61	cps
Lead	207-1	1383	1595	1361	1446	8.91	cps
Lead	208-1	6534	6851	6668	6684	2.38	cps
Lithium	6-1	344670	348231	352670	348524	1.15	cps
Magnesium	24-2	94305	94732	94414	94484	0.23	cps
Manganese	55-2	5911	6011	5755	5892	2.20	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-10	Instrumnet Name :	P7
Client Sample ID :	S32-0617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:47:11	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1884	1767	1900	1850	3.93	cps
Molybdenum	95-1	2609	2450	2450	2503	3.65	cps
Molybdenum	96-1	2667	3050	3050	2923	7.57	cps
Molybdenum	97-1	1617	1500	1592	1570	3.91	cps
Molybdenum	98-1	4234	4376	4393	4334	2.01	cps
Neodymium	150-1	120	113	127	120	5.55	cps
Neodymium	150-2	133	113	77	108	26.67	cps
Nickel	60-2	6498	6715	6685	6633	1.77	cps
Phosphorus	31-2	133	200	100	144	35.25	cps
Potassium	39-2	637768	641398	638212	639126	0.31	cps
Rhodium	103-1	1075205	1072547	1085009	1077587	0.61	cps
Rhodium	103-2	779797	784687	786198	783560	0.43	cps
Scandium	45-1	599256	607428	610742	605809	0.98	cps
Scandium	45-2	48449	48921	48593	48654	0.50	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	67	91	67	75	18.61	cps
Selenium	82-1	24	63	65	50	45.77	cps
Silicon	28-1	4645784	4671127	4685729	4667547	0.43	cps
Silver	109-1	692	417	642	583	25.11	cps
Silver	107-1	625	675	567	622	8.71	cps
Sodium	23-2	11915129	11955011	11976230	11948790	0.26	cps
Strontium	86-1	24964	25223	25340	25176	0.76	cps
Strontium	88-1	226832	228504	230232	228523	0.74	cps
Sulfur	34-1	195097	195154	193254	194502	0.56	cps
Terbium	159-1	1588405	1608560	1621850	1606272	1.05	cps
Terbium	159-2	1532066	1539033	1553161	1541420	0.70	cps
Thallium	203-1	442	492	417	450	8.49	cps
Thallium	205-1	1050	1083	1183	1106	6.28	cps
Tin	118-1	3517	3476	3326	3439	2.93	cps
Titanium	47-1	1200	1100	1217	1172	5.38	cps
Uranium	238-1	21185	21427	21202	21271	0.64	cps
Vanadium	51-2	1797	1717	1850	1788	3.75	cps
Yttrium	89-1	1001463	1002034	1011802	1005100	0.58	cps
Yttrium	89-2	325609	326248	327569	326475	0.31	cps
Zinc	66-2	3274	3197	3370	3280	2.65	cps
Zirconium	90-1	1050	1158	917	1042	11.62	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-10	Instrumnet Name :	P7
Client Sample ID :	S32-0617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:47:11	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	233	242	225	233	3.57	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-11	Instrumnet Name :	P7
Client Sample ID :	S32-0591	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:50:42	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	350	483	500	444	18.50	cps
Antimony	121-1	1842	1792	1759	1797	2.33	cps
Arsenic	75-2	5181	5349	5290	5273	1.62	cps
Barium	135-1	3534	3734	3459	3576	3.98	cps
Barium	137-1	5952	6177	5968	6032	2.08	cps
Beryllium	9-1	117	72	50	80	42.63	cps
Bismuth	209-1	1283573	1284723	1291086	1286461	0.31	cps
Bismuth	209-2	1275690	1284933	1286833	1282486	0.46	cps
Boron	10-1	3275	3309	3401	3328	1.95	cps
Boron	11-1	15692	16335	16802	16276	3.42	cps
Cadmium	111-1	244	380	257	294	25.59	cps
Cadmium	106-1	325	500	342	389	24.84	cps
Cadmium	108-1	0	4	4	3	86.60	cps
Calcium	43-1	115030	115668	116222	115640	0.52	cps
Calcium	44-1	1890130	1906431	1907173	1901245	0.51	cps
Chromium	52-2	17838	17347	17521	17568	1.42	cps
Cobalt	59-2	787	780	817	794	2.46	cps
Copper	63-2	2914	3000	2880	2931	2.11	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	10	3	20	11	75.52	cps
Erbium	164-1	25	33	67	42	52.91	cps
Erbium	164-2	13	23	13	17	34.65	cps
Gadolinium	160-1	8	67	17	31	103.26	cps
Gadolinium	160-2	133	150	87	123	26.62	cps
Holmium	165-1	1598069	1607083	1607294	1604149	0.33	cps
Holmium	165-2	1570227	1578067	1595430	1581241	0.82	cps
Indium	115-1	1168651	1159711	1161309	1163224	0.41	cps
Indium	115-2	518052	514216	517897	516722	0.42	cps
Iron	56-2	183352	181176	183246	182591	0.67	cps
Iron	57-2	5040	4918	5234	5064	3.15	cps
Lead	206-1	633	650	689	657	4.34	cps
Lead	207-1	633	606	711	650	8.42	cps
Lead	208-1	2734	2739	2972	2815	4.84	cps
Lithium	6-1	339068	348258	347398	344908	1.47	cps
Magnesium	24-2	446650	448584	446532	447255	0.26	cps
Manganese	55-2	19610	18959	19757	19442	2.18	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-11	Instrumnet Name :	P7
Client Sample ID :	S32-0591	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:50:42	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1250	1158	1358	1256	7.97	cps
Molybdenum	95-1	1575	1717	1659	1650	4.32	cps
Molybdenum	96-1	1709	1892	1934	1845	6.49	cps
Molybdenum	97-1	967	1083	1067	1039	6.07	cps
Molybdenum	98-1	2842	2709	3034	2862	5.71	cps
Neodymium	150-1	0	7	27	11	124.89	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	7169	7392	7095	7219	2.14	cps
Phosphorus	31-2	92	133	100	108	20.35	cps
Potassium	39-2	275958	276621	275468	276015	0.21	cps
Rhodium	103-1	1066177	1068934	1079305	1071472	0.65	cps
Rhodium	103-2	781636	787563	791797	786999	0.65	cps
Scandium	45-1	594340	601733	599549	598540	0.63	cps
Scandium	45-2	48282	48543	48770	48532	0.50	cps
Selenium	77-2	7	7	0	4	86.60	cps
Selenium	78-2	65	69	57	64	8.90	cps
Selenium	82-1	18	38	-7	16	138.34	cps
Silicon	28-1	5213662	5307228	5370635	5297175	1.49	cps
Silver	109-1	508	508	533	517	2.79	cps
Silver	107-1	483	508	592	528	10.75	cps
Sodium	23-2	6808400	6900863	6868992	6859418	0.68	cps
Strontium	86-1	78844	80527	81358	80243	1.60	cps
Strontium	88-1	706953	708244	716408	710535	0.72	cps
Sulfur	34-1	178786	181131	182824	180914	1.12	cps
Terbium	159-1	1594476	1601100	1606501	1600692	0.38	cps
Terbium	159-2	1534633	1547112	1555941	1545895	0.69	cps
Thallium	203-1	133	142	92	122	21.92	cps
Thallium	205-1	317	258	217	264	19.04	cps
Tin	118-1	2825	2750	2792	2789	1.35	cps
Titanium	47-1	183	158	258	200	26.02	cps
Uranium	238-1	9654	8628	9704	9329	6.51	cps
Vanadium	51-2	350	443	363	386	13.09	cps
Yttrium	89-1	993673	984509	995277	991153	0.59	cps
Yttrium	89-2	323943	323268	325751	324321	0.40	cps
Zinc	66-2	1157	1113	1117	1129	2.14	cps
Zirconium	90-1	425	433	533	464	13.00	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-11	Instrumnet Name :	P7
Client Sample ID :	S32-0591	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:50:42	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	42	117	83	45.82	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-12	Instrumnet Name :	P7
Client Sample ID :	S32-0592	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:54:14	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	567	375	442	461	21.10	cps
Antimony	121-1	1617	1675	1659	1650	1.82	cps
Arsenic	75-2	4899	4914	4973	4929	0.80	cps
Barium	135-1	3367	3434	3309	3370	1.86	cps
Barium	137-1	5868	5835	6102	5935	2.45	cps
Beryllium	9-1	44	61	33	46	30.20	cps
Bismuth	209-1	1255374	1272721	1294631	1274242	1.54	cps
Bismuth	209-2	1255697	1249673	1256483	1253951	0.30	cps
Boron	10-1	3292	2742	3492	3175	12.23	cps
Boron	11-1	14783	15358	15534	15225	2.58	cps
Cadmium	111-1	229	272	303	268	13.82	cps
Cadmium	106-1	292	375	433	367	19.42	cps
Cadmium	108-1	0	4	13	6	114.53	cps
Calcium	43-1	111402	114029	111991	112474	1.23	cps
Calcium	44-1	1836563	1851479	1865651	1851231	0.79	cps
Chromium	52-2	16696	16793	16323	16604	1.50	cps
Cobalt	59-2	687	730	717	711	3.12	cps
Copper	63-2	2720	2894	2790	2801	3.11	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	10	13	10	11	17.30	cps
Erbium	164-1	42	25	25	31	31.50	cps
Erbium	164-2	17	23	20	20	16.65	cps
Gadolinium	160-1	33	92	17	47	83.40	cps
Gadolinium	160-2	143	107	137	129	15.15	cps
Holmium	165-1	1561480	1581935	1605695	1583037	1.40	cps
Holmium	165-2	1554873	1545825	1543911	1548203	0.38	cps
Indium	115-1	1137789	1149191	1152732	1146571	0.68	cps
Indium	115-2	508606	509140	510254	509333	0.17	cps
Iron	56-2	174975	171714	171342	172677	1.16	cps
Iron	57-2	4940	4618	4951	4836	3.92	cps
Lead	206-1	728	589	594	637	12.34	cps
Lead	207-1	522	689	678	630	14.80	cps
Lead	208-1	2700	2700	2722	2708	0.47	cps
Lithium	6-1	340627	347128	344015	343923	0.95	cps
Magnesium	24-2	435777	431993	430617	432796	0.62	cps
Manganese	55-2	18642	18779	18325	18582	1.25	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-12	Instrumnet Name :	P7
Client Sample ID :	S32-0592	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:54:14	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1108	1067	883	1020	11.74	cps
Molybdenum	95-1	1684	1650	1709	1681	1.74	cps
Molybdenum	96-1	1859	2050	1984	1964	4.95	cps
Molybdenum	97-1	1100	950	1208	1086	11.94	cps
Molybdenum	98-1	2700	2767	2717	2728	1.27	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	13	10	10	11	17.30	cps
Nickel	60-2	6702	6748	6798	6749	0.72	cps
Phosphorus	31-2	67	100	142	103	36.56	cps
Potassium	39-2	270132	265038	268695	267955	0.98	cps
Rhodium	103-1	1053880	1067661	1068584	1063375	0.77	cps
Rhodium	103-2	773042	768319	776593	772651	0.54	cps
Scandium	45-1	589299	599185	596993	595159	0.87	cps
Scandium	45-2	48717	48118	48419	48418	0.62	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	44	52	89	62	38.58	cps
Selenium	82-1	44	30	70	48	41.26	cps
Silicon	28-1	5208145	5247684	5226740	5227523	0.38	cps
Silver	109-1	450	533	433	472	11.35	cps
Silver	107-1	467	458	500	475	4.64	cps
Sodium	23-2	6638662	6572509	6644185	6618452	0.60	cps
Strontium	86-1	77753	78836	77703	78097	0.82	cps
Strontium	88-1	688836	695473	692612	692307	0.48	cps
Sulfur	34-1	175567	176744	177463	176591	0.54	cps
Terbium	159-1	1563365	1582908	1594032	1580102	0.98	cps
Terbium	159-2	1523305	1501945	1516346	1513865	0.72	cps
Thallium	203-1	108	83	92	94	13.48	cps
Thallium	205-1	208	175	192	192	8.70	cps
Tin	118-1	2459	2650	2417	2509	4.96	cps
Titanium	47-1	267	250	200	239	14.52	cps
Uranium	238-1	8678	8303	9696	8892	8.10	cps
Vanadium	51-2	390	450	407	416	7.45	cps
Yttrium	89-1	972353	982916	982998	979422	0.63	cps
Yttrium	89-2	319781	316287	320967	319012	0.76	cps
Zinc	66-2	1250	1100	1140	1163	6.68	cps
Zirconium	90-1	383	358	358	367	3.94	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-12	Instrumnet Name :	P7
Client Sample ID :	S32-0592	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:54:14	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	42	83	67	33.07	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-13	Instrumnet Name :	P7
Client Sample ID :	S32-EB-2017-2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:57:45	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	267	217	231	13.68	cps
Antimony	121-1	592	675	742	669	11.23	cps
Arsenic	75-2	22	15	9	15	42.14	cps
Barium	135-1	192	292	217	233	22.30	cps
Barium	137-1	433	450	358	414	11.80	cps
Beryllium	9-1	33	39	83	52	52.86	cps
Bismuth	209-1	1439495	1419813	1396718	1418675	1.51	cps
Bismuth	209-2	1416986	1414423	1420891	1417433	0.23	cps
Boron	10-1	892	925	792	870	7.98	cps
Boron	11-1	3926	3959	3984	3956	0.74	cps
Cadmium	111-1	338	372	335	348	5.81	cps
Cadmium	106-1	433	483	442	453	5.92	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Calcium	43-1	967	967	1150	1028	10.30	cps
Calcium	44-1	19447	19188	18587	19074	2.31	cps
Chromium	52-2	630	587	560	592	5.97	cps
Cobalt	59-2	40	40	33	38	10.19	cps
Copper	63-2	2294	2114	2290	2232	4.61	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	33	17	25	25	33.32	cps
Erbium	164-2	0	13	10	8	89.21	cps
Gadolinium	160-1	33	25	33	31	15.74	cps
Gadolinium	160-2	153	143	130	142	8.23	cps
Holmium	165-1	1754967	1719920	1695519	1723469	1.73	cps
Holmium	165-2	1725006	1718808	1702873	1715562	0.67	cps
Indium	115-1	1321703	1309834	1296409	1309315	0.97	cps
Indium	115-2	600946	595116	598620	598227	0.49	cps
Iron	56-2	9253	9064	9136	9151	1.04	cps
Iron	57-2	278	294	239	270	10.54	cps
Lead	206-1	694	572	667	644	9.94	cps
Lead	207-1	522	456	528	502	8.01	cps
Lead	208-1	2606	2395	2550	2517	4.35	cps
Lithium	6-1	339308	338452	335653	337804	0.57	cps
Magnesium	24-2	875	925	1050	950	9.49	cps
Manganese	55-2	1047	937	973	986	5.68	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-13	Instrumnet Name :	P7
Client Sample ID :	S32-EB-2017-2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:57:45	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	125	158	58	114	44.71	cps
Molybdenum	95-1	92	50	108	83	36.06	cps
Molybdenum	96-1	67	58	142	89	51.63	cps
Molybdenum	97-1	67	42	42	50	28.87	cps
Molybdenum	98-1	92	67	83	81	15.80	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	243	237	220	233	5.15	cps
Phosphorus	31-2	42	25	33	33	25.01	cps
Potassium	39-2	20248	19906	20390	20181	1.23	cps
Rhodium	103-1	1258477	1249914	1238217	1248869	0.81	cps
Rhodium	103-2	903454	904482	904544	904160	0.07	cps
Scandium	45-1	705115	703503	693999	700872	0.86	cps
Scandium	45-2	58422	57454	58405	58093	0.95	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	67	72	87	75	13.98	cps
Selenium	82-1	14	5	47	22	100.96	cps
Silicon	28-1	640533	629342	629484	633120	1.01	cps
Silver	109-1	117	225	183	175	31.23	cps
Silver	107-1	183	217	233	211	12.06	cps
Sodium	23-2	28845	28219	27651	28239	2.11	cps
Strontium	86-1	442	342	275	353	23.78	cps
Strontium	88-1	2275	2109	2375	2253	5.98	cps
Sulfur	34-1	55362	55680	56935	55992	1.49	cps
Terbium	159-1	1761332	1724810	1704254	1730132	1.67	cps
Terbium	159-2	1687194	1690494	1684067	1687252	0.19	cps
Thallium	203-1	83	67	100	83	20.00	cps
Thallium	205-1	242	117	225	194	34.91	cps
Tin	118-1	250	192	250	231	14.61	cps
Titanium	47-1	42	42	58	47	20.38	cps
Uranium	238-1	167	208	167	181	13.32	cps
Vanadium	51-2	50	37	43	43	15.38	cps
Yttrium	89-1	1136506	1119652	1104229	1120129	1.44	cps
Yttrium	89-2	380104	377559	377842	378502	0.37	cps
Zinc	66-2	4971	4828	5111	4970	2.85	cps
Zirconium	90-1	208	133	150	164	24.03	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-13	Instrumnet Name :	P7
Client Sample ID :	S32-EB-2017-2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 18:57:45	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	58	33	50	28.88	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 19:01:16	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1922862	1910870	1901883	1911872	0.55	cps
Antimony	121-1	767728	761887	776157	768591	0.93	cps
Arsenic	75-2	54576	55265	54853	54898	0.63	cps
Barium	135-1	854052	843596	850907	849518	0.63	cps
Barium	137-1	1486906	1469822	1492601	1483110	0.80	cps
Beryllium	9-1	196145	193336	195836	195106	0.79	cps
Bismuth	209-1	1072403	1073716	1082373	1076164	0.50	cps
Bismuth	209-2	1189045	1190085	1171560	1183564	0.88	cps
Boron	10-1	22234	22785	21992	22337	1.82	cps
Boron	11-1	105517	105861	106894	106091	0.68	cps
Cadmium	111-1	185230	185713	189258	186734	1.18	cps
Cadmium	106-1	18680	18588	19681	18983	3.19	cps
Cadmium	108-1	13436	13369	12990	13265	1.81	cps
Calcium	43-1	880708	890844	897009	889521	0.93	cps
Calcium	44-1	14829633	15024936	15265820	15040130	1.45	cps
Chromium	52-2	350170	349934	347809	349304	0.37	cps
Cobalt	59-2	563990	562827	558441	561753	0.52	cps
Copper	63-2	808371	808546	802208	806375	0.45	cps
Dysprosium	156-1	17	33	33	28	34.63	cps
Dysprosium	156-2	40	40	17	32	41.80	cps
Erbium	164-1	50	50	8	36	66.62	cps
Erbium	164-2	3	7	13	8	65.47	cps
Gadolinium	160-1	25	42	42	36	26.65	cps
Gadolinium	160-2	163	160	210	178	15.73	cps
Holmium	165-1	1375861	1376405	1398881	1383716	0.95	cps
Holmium	165-2	1566631	1567811	1547583	1560675	0.73	cps
Indium	115-1	1030402	1032053	1047508	1036654	0.91	cps
Indium	115-2	540706	537319	533138	537054	0.71	cps
Iron	56-2	86189869	85566307	84998280	85584819	0.70	cps
Iron	57-2	2123462	2120005	2114286	2119251	0.22	cps
Lead	206-1	695418	693309	696239	694989	0.22	cps
Lead	207-1	639175	632070	638553	636599	0.62	cps
Lead	208-1	2880823	2858722	2870138	2869895	0.39	cps
Lithium	6-1	277506	276897	280106	278170	0.61	cps
Magnesium	24-2	13841160	13741724	13485649	13689511	1.34	cps
Manganese	55-2	542286	539618	535576	539160	0.63	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 19:01:16	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	625758	618495	628745	624332	0.84	cps
Molybdenum	95-1	350339	355298	358415	354684	1.15	cps
Molybdenum	96-1	447831	450266	454108	450735	0.70	cps
Molybdenum	97-1	221753	225184	225757	224231	0.97	cps
Molybdenum	98-1	568634	577601	587068	577768	1.60	cps
Neodymium	150-1	80	20	67	56	56.71	cps
Neodymium	150-2	27	30	0	19	87.05	cps
Nickel	60-2	151076	150819	150534	150809	0.18	cps
Phosphorus	31-2	21984	22476	21399	21953	2.46	cps
Potassium	39-2	7807187	7777458	7699572	7761406	0.72	cps
Rhodium	103-1	968480	966965	984183	973209	0.98	cps
Rhodium	103-2	786993	787020	776051	783355	0.81	cps
Scandium	45-1	605640	609485	616571	610565	0.91	cps
Scandium	45-2	59027	57156	57900	58028	1.62	cps
Selenium	77-2	1423	1457	1587	1489	5.80	cps
Selenium	78-2	5005	5147	5008	5053	1.61	cps
Selenium	82-1	9910	9913	10110	9978	1.15	cps
Silicon	28-1	634637	650477	660882	648665	2.04	cps
Silver	109-1	885713	894662	893747	891374	0.55	cps
Silver	107-1	926370	927856	942976	932401	0.99	cps
Sodium	23-2	21158008	21387250	20958041	21167766	1.01	cps
Strontium	86-1	189080	191432	197117	192543	2.15	cps
Strontium	88-1	1655105	1674753	1699331	1676396	1.32	cps
Sulfur	34-1	111483	111138	111971	111531	0.38	cps
Terbium	159-1	1386607	1391298	1391383	1389763	0.20	cps
Terbium	159-2	1542740	1546775	1514466	1534660	1.15	cps
Thallium	203-1	844037	845704	849274	846338	0.32	cps
Thallium	205-1	2043241	2023765	2047527	2038178	0.62	cps
Tin	118-1	576738	572113	578705	575852	0.59	cps
Titanium	47-1	97231	99444	100275	98983	1.59	cps
Uranium	238-1	3709114	3712409	3746717	3722747	0.56	cps
Vanadium	51-2	296758	295377	294779	295638	0.34	cps
Yttrium	89-1	914383	919127	931261	921590	0.94	cps
Yttrium	89-2	364289	366885	361693	364289	0.71	cps
Zinc	66-2	139075	139395	139082	139184	0.13	cps
Zirconium	90-1	1130841	1135086	1153035	1139654	1.03	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 19:01:16	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	252812	254734	259502	255683	1.35	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 19:04:45	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	108	108	139	38.10	cps
Antimony	121-1	2500	2092	2175	2256	9.57	cps
Arsenic	75-2	11	11	15	12	17.31	cps
Barium	135-1	100	75	42	72	40.52	cps
Barium	137-1	133	100	108	114	15.23	cps
Beryllium	9-1	72	72	39	61	31.49	cps
Bismuth	209-1	1163366	1153426	1163448	1160080	0.50	cps
Bismuth	209-2	1267040	1270375	1272639	1270018	0.22	cps
Boron	10-1	433	492	483	469	6.72	cps
Boron	11-1	2117	2150	1909	2059	6.36	cps
Cadmium	111-1	355	350	389	365	5.84	cps
Cadmium	106-1	483	467	508	486	4.31	cps
Cadmium	108-1	0	8	0	3	173.21	cps
Calcium	43-1	133	150	150	144	6.66	cps
Calcium	44-1	3876	3692	3759	3776	2.46	cps
Chromium	52-2	470	423	433	442	5.56	cps
Cobalt	59-2	47	50	40	46	11.18	cps
Copper	63-2	360	353	367	360	1.85	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	17	25	25	33.32	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	8	25	8	14	69.31	cps
Gadolinium	160-2	147	160	170	159	7.37	cps
Holmium	165-1	1436701	1391887	1423486	1417358	1.62	cps
Holmium	165-2	1561611	1563329	1557327	1560756	0.20	cps
Indium	115-1	1116039	1102587	1104257	1107628	0.66	cps
Indium	115-2	555455	556224	557405	556362	0.18	cps
Iron	56-2	5996	5746	5262	5668	6.58	cps
Iron	57-2	211	189	189	196	6.54	cps
Lead	206-1	717	617	528	620	15.23	cps
Lead	207-1	533	528	450	504	9.25	cps
Lead	208-1	2495	2445	2200	2380	6.62	cps
Lithium	6-1	287876	286788	292139	288934	0.98	cps
Magnesium	24-2	667	592	683	647	7.55	cps
Manganese	55-2	77	77	70	74	5.17	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 19:04:45	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	250	383	292	308	22.12	cps
Molybdenum	95-1	392	325	300	339	13.98	cps
Molybdenum	96-1	400	342	383	375	8.01	cps
Molybdenum	97-1	342	117	242	233	48.31	cps
Molybdenum	98-1	650	575	517	581	11.51	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	23	27	20	23	14.29	cps
Phosphorus	31-2	42	17	33	31	41.66	cps
Potassium	39-2	13582	13190	13298	13357	1.52	cps
Rhodium	103-1	1068950	1064167	1068353	1067157	0.24	cps
Rhodium	103-2	833388	835116	831271	833258	0.23	cps
Scandium	45-1	618671	612126	617886	616228	0.58	cps
Scandium	45-2	56290	55145	55450	55629	1.07	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	72	57	89	73	21.62	cps
Selenium	82-1	2	18	44	21	100.19	cps
Silicon	28-1	40932	39787	39353	40024	2.04	cps
Silver	109-1	192	158	183	178	9.76	cps
Silver	107-1	150	125	133	136	9.35	cps
Sodium	23-2	13048	12731	12706	12828	1.49	cps
Strontium	86-1	125	108	142	125	13.33	cps
Strontium	88-1	192	283	225	233	19.88	cps
Sulfur	34-1	54668	55237	55948	55284	1.16	cps
Terbium	159-1	1414464	1412572	1426888	1417975	0.55	cps
Terbium	159-2	1540331	1544961	1532921	1539404	0.39	cps
Thallium	203-1	275	283	183	247	22.44	cps
Thallium	205-1	500	633	483	539	15.26	cps
Tin	118-1	525	575	567	556	4.82	cps
Titanium	47-1	58	58	33	50	28.88	cps
Uranium	238-1	350	283	283	306	12.60	cps
Vanadium	51-2	30	47	27	34	31.11	cps
Yttrium	89-1	960762	953961	955599	956774	0.37	cps
Yttrium	89-2	360765	359683	358424	359624	0.33	cps
Zinc	66-2	277	313	317	302	7.34	cps
Zirconium	90-1	408	325	283	339	18.78	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 19:04:45	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	50	42	83	58	37.80	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0594DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:08:16	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	167	125	150	14.70	cps
Antimony	121-1	750	850	908	836	9.58	cps
Arsenic	75-2	378	389	354	373	4.82	cps
Barium	135-1	67	133	200	133	50.00	cps
Barium	137-1	333	317	308	319	3.98	cps
Beryllium	9-1	28	33	44	35	24.12	cps
Bismuth	209-1	1162656	1142790	1150107	1151851	0.87	cps
Bismuth	209-2	1235722	1239716	1246837	1240759	0.45	cps
Boron	10-1	458	392	408	419	8.27	cps
Boron	11-1	1792	1775	1684	1750	3.33	cps
Cadmium	111-1	393	345	296	345	14.09	cps
Cadmium	106-1	542	475	425	481	12.18	cps
Cadmium	108-1	4	0	8	4	99.96	cps
Calcium	43-1	10738	10096	10663	10499	3.34	cps
Calcium	44-1	182718	180570	179564	180951	0.89	cps
Chromium	52-2	550	500	553	534	5.59	cps
Cobalt	59-2	13	33	23	23	42.86	cps
Copper	63-2	423	410	523	452	13.70	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	25	67	39	61.86	cps
Erbium	164-2	7	13	13	11	34.61	cps
Gadolinium	160-1	42	75	17	44	65.84	cps
Gadolinium	160-2	150	157	173	160	7.51	cps
Holmium	165-1	1426410	1409955	1390597	1408987	1.27	cps
Holmium	165-2	1530984	1535550	1537310	1534614	0.21	cps
Indium	115-1	1106423	1087587	1092409	1095473	0.89	cps
Indium	115-2	544581	544280	539961	542941	0.48	cps
Iron	56-2	189259	188989	187747	188665	0.43	cps
Iron	57-2	4951	4473	4595	4673	5.31	cps
Lead	206-1	344	333	306	328	6.11	cps
Lead	207-1	394	278	311	328	18.33	cps
Lead	208-1	1539	1361	1350	1417	7.48	cps
Lithium	6-1	293197	287759	288723	289893	1.00	cps
Magnesium	24-2	45010	45303	44801	45038	0.56	cps
Manganese	55-2	6745	6905	6612	6754	2.18	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0594DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:08:16	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	158	133	200	164	20.55	cps
Molybdenum	95-1	217	100	117	144	43.69	cps
Molybdenum	96-1	142	217	150	169	24.26	cps
Molybdenum	97-1	50	83	92	75	29.40	cps
Molybdenum	98-1	275	233	158	222	26.61	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	23	23	50	32	47.79	cps
Phosphorus	31-2	125	117	108	117	7.14	cps
Potassium	39-2	25289	24496	23962	24582	2.72	cps
Rhodium	103-1	1053135	1039521	1037098	1043251	0.83	cps
Rhodium	103-2	810917	814917	808877	811570	0.38	cps
Scandium	45-1	610815	598978	599863	603219	1.09	cps
Scandium	45-2	54118	53971	53072	53721	1.05	cps
Selenium	77-2	0	10	0	3	173.21	cps
Selenium	78-2	83	89	91	88	4.40	cps
Selenium	82-1	37	17	19	24	45.62	cps
Silicon	28-1	609480	600357	599282	603040	0.93	cps
Silver	109-1	175	192	192	186	5.17	cps
Silver	107-1	233	192	167	197	17.08	cps
Sodium	23-2	182235	180421	178070	180242	1.16	cps
Strontium	86-1	5960	5635	5935	5843	3.10	cps
Strontium	88-1	51887	50625	51502	51338	1.26	cps
Sulfur	34-1	53137	54584	53364	53695	1.45	cps
Terbium	159-1	1428833	1403893	1388285	1407004	1.45	cps
Terbium	159-2	1500646	1504474	1502286	1502469	0.13	cps
Thallium	203-1	167	100	83	117	37.80	cps
Thallium	205-1	300	275	325	300	8.33	cps
Tin	118-1	375	242	308	308	21.62	cps
Titanium	47-1	33	50	117	67	66.15	cps
Uranium	238-1	242	175	150	189	25.09	cps
Vanadium	51-2	43	30	30	34	22.34	cps
Yttrium	89-1	947378	935397	933498	938758	0.80	cps
Yttrium	89-2	347836	349682	345271	347596	0.64	cps
Zinc	66-2	387	453	417	419	7.97	cps
Zirconium	90-1	292	408	442	381	20.70	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0594DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:08:16	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	50	42	50	47	10.18	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0594DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:11:48	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	117	100	128	27.15	cps
Antimony	121-1	583	583	500	556	8.66	cps
Arsenic	75-2	304	322	350	325	7.16	cps
Barium	135-1	217	142	58	139	57.02	cps
Barium	137-1	250	183	408	281	41.19	cps
Beryllium	9-1	56	22	28	35	50.76	cps
Bismuth	209-1	1154704	1140548	1137203	1144152	0.81	cps
Bismuth	209-2	1236488	1245010	1245298	1242265	0.40	cps
Boron	10-1	358	308	350	339	7.90	cps
Boron	11-1	1592	1592	1383	1522	7.90	cps
Cadmium	111-1	364	340	323	342	5.94	cps
Cadmium	106-1	508	483	450	481	6.09	cps
Cadmium	108-1	13	4	0	6	114.53	cps
Calcium	43-1	10854	10854	10704	10804	0.80	cps
Calcium	44-1	185333	179396	178123	180951	2.13	cps
Chromium	52-2	597	487	533	539	10.25	cps
Cobalt	59-2	30	20	20	23	24.74	cps
Copper	63-2	477	493	513	494	3.71	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	33	58	31	95.79	cps
Erbium	164-2	3	13	7	8	65.47	cps
Gadolinium	160-1	8	25	33	22	57.29	cps
Gadolinium	160-2	133	193	137	154	21.83	cps
Holmium	165-1	1417194	1393459	1381596	1397416	1.30	cps
Holmium	165-2	1528825	1539371	1536426	1534874	0.35	cps
Indium	115-1	1091778	1083984	1076430	1084064	0.71	cps
Indium	115-2	539590	536913	541029	539177	0.39	cps
Iron	56-2	189095	190609	190074	189926	0.40	cps
Iron	57-2	4651	4762	4668	4693	1.28	cps
Lead	206-1	261	283	233	259	9.66	cps
Lead	207-1	194	272	294	254	20.70	cps
Lead	208-1	1061	1206	1250	1172	8.43	cps
Lithium	6-1	292787	291155	288455	290799	0.75	cps
Magnesium	24-2	45871	45336	45679	45629	0.59	cps
Manganese	55-2	6792	6725	6678	6732	0.85	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0594DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:11:48	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	142	142	158	147	6.54	cps
Molybdenum	95-1	83	17	108	69	68.23	cps
Molybdenum	96-1	158	117	125	133	16.54	cps
Molybdenum	97-1	42	33	42	39	12.37	cps
Molybdenum	98-1	117	158	117	131	18.43	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	30	30	20	27	21.65	cps
Phosphorus	31-2	108	108	108	108	0.00	cps
Potassium	39-2	24170	24580	23369	24040	2.56	cps
Rhodium	103-1	1049154	1030954	1031360	1037156	1.00	cps
Rhodium	103-2	809498	814423	811968	811963	0.30	cps
Scandium	45-1	605460	597202	591312	597991	1.19	cps
Scandium	45-2	52837	53446	52928	53070	0.62	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	102	65	81	83	22.42	cps
Selenium	82-1	33	31	25	30	14.69	cps
Silicon	28-1	617451	609248	608516	611738	0.81	cps
Silver	109-1	200	167	167	178	10.82	cps
Silver	107-1	142	167	150	153	8.33	cps
Sodium	23-2	181349	178693	179993	180012	0.74	cps
Strontium	86-1	6143	5977	6227	6115	2.08	cps
Strontium	88-1	52590	51946	52532	52356	0.68	cps
Sulfur	34-1	52745	54074	54091	53637	1.44	cps
Terbium	159-1	1421605	1403439	1393839	1406294	1.00	cps
Terbium	159-2	1507932	1511961	1509792	1509895	0.13	cps
Thallium	203-1	42	67	92	67	37.50	cps
Thallium	205-1	142	200	125	156	25.32	cps
Tin	118-1	308	183	292	261	25.99	cps
Titanium	47-1	67	83	42	64	32.83	cps
Uranium	238-1	250	125	175	183	34.32	cps
Vanadium	51-2	33	70	43	49	38.78	cps
Yttrium	89-1	936622	929425	926402	930817	0.56	cps
Yttrium	89-2	346260	345234	347436	346310	0.32	cps
Zinc	66-2	357	400	393	383	6.09	cps
Zirconium	90-1	350	292	358	333	10.90	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0594DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:11:48	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	33	58	50	47	26.97	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	S32-0594LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-10-09 19:15:20	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	100	42	64	49.39	cps
Antimony	121-1	192	275	283	250	20.28	cps
Arsenic	75-2	67	85	93	81	16.39	cps
Barium	135-1	67	33	83	61	41.67	cps
Barium	137-1	125	92	83	100	22.05	cps
Beryllium	9-1	17	22	28	22	25.00	cps
Bismuth	209-1	1141059	1137620	1133137	1137272	0.35	cps
Bismuth	209-2	1238840	1242342	1242881	1241354	0.18	cps
Boron	10-1	125	142	225	164	32.69	cps
Boron	11-1	833	883	992	903	8.97	cps
Cadmium	111-1	323	337	307	322	4.66	cps
Cadmium	106-1	450	475	417	447	6.54	cps
Cadmium	108-1	0	0	8	3	173.21	cps
Calcium	43-1	1817	1825	2117	1920	8.90	cps
Calcium	44-1	36154	36588	36463	36402	0.61	cps
Chromium	52-2	487	510	363	453	17.39	cps
Cobalt	59-2	30	17	17	21	36.45	cps
Copper	63-2	313	350	310	324	6.84	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	3	17	10	10	66.70	cps
Gadolinium	160-1	17	25	17	19	24.73	cps
Gadolinium	160-2	150	120	163	144	15.37	cps
Holmium	165-1	1396493	1376531	1360454	1377826	1.31	cps
Holmium	165-2	1525111	1528052	1528769	1527310	0.13	cps
Indium	115-1	1077466	1073975	1066530	1072657	0.52	cps
Indium	115-2	538627	536710	541005	538781	0.40	cps
Iron	56-2	37782	37459	38378	37873	1.23	cps
Iron	57-2	911	1067	1056	1011	8.58	cps
Lead	206-1	439	406	611	485	22.74	cps
Lead	207-1	456	383	383	407	10.24	cps
Lead	208-1	1856	1795	2017	1889	6.08	cps
Lithium	6-1	289303	284312	284341	285985	1.00	cps
Magnesium	24-2	8795	8853	8695	8781	0.91	cps
Manganese	55-2	1413	1250	1440	1368	7.52	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	S32-0594LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-10-09 19:15:20	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	117	100	75	97	21.58	cps
Molybdenum	95-1	50	58	83	64	27.15	cps
Molybdenum	96-1	75	50	75	67	21.65	cps
Molybdenum	97-1	33	58	50	47	26.97	cps
Molybdenum	98-1	75	150	125	117	32.74	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	20	7	10	12	56.76	cps
Phosphorus	31-2	92	50	17	53	71.20	cps
Potassium	39-2	13356	13890	13740	13662	2.02	cps
Rhodium	103-1	1041302	1030374	1023013	1031563	0.89	cps
Rhodium	103-2	809923	810461	810571	810318	0.04	cps
Scandium	45-1	601867	601249	597238	600118	0.42	cps
Scandium	45-2	53490	53804	54490	53928	0.95	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	50	76	63	63	20.59	cps
Selenium	82-1	55	-8	44	30	109.98	cps
Silicon	28-1	145201	144064	143509	144258	0.60	cps
Silver	109-1	75	83	83	81	5.98	cps
Silver	107-1	108	100	92	100	8.33	cps
Sodium	23-2	39068	40372	39654	39698	1.64	cps
Strontium	86-1	1317	1400	1108	1275	11.78	cps
Strontium	88-1	10479	10071	9979	10176	2.62	cps
Sulfur	34-1	52987	53414	52084	52828	1.28	cps
Terbium	159-1	1392597	1380195	1363901	1378898	1.04	cps
Terbium	159-2	1491329	1495518	1508090	1498312	0.58	cps
Thallium	203-1	17	42	42	33	43.30	cps
Thallium	205-1	125	108	75	103	24.77	cps
Tin	118-1	258	233	208	233	10.71	cps
Titanium	47-1	33	25	25	28	17.31	cps
Uranium	238-1	83	133	133	117	24.74	cps
Vanadium	51-2	27	20	40	29	35.25	cps
Yttrium	89-1	931745	924339	922626	926236	0.52	cps
Yttrium	89-2	348743	347132	348416	348097	0.24	cps
Zinc	66-2	393	460	370	408	11.46	cps
Zirconium	90-1	183	225	250	219	15.35	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	S32-0594LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-10-09 19:15:20	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	17	25	17	19	24.73	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-02DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0594MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:18:52	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17294	17377	17836	17503	1.67	cps
Antimony	121-1	36248	36215	36707	36390	0.76	cps
Arsenic	75-2	2606	2743	3054	2801	8.20	cps
Barium	135-1	41906	41965	42124	41998	0.27	cps
Barium	137-1	72658	74082	74468	73736	1.29	cps
Beryllium	9-1	9181	9203	9242	9209	0.34	cps
Bismuth	209-1	1126341	1140471	1143871	1136894	0.82	cps
Bismuth	209-2	1215406	1223188	1223848	1220814	0.38	cps
Boron	10-1	1233	1292	1475	1333	9.46	cps
Boron	11-1	6285	6127	6527	6313	3.19	cps
Cadmium	111-1	9503	9554	9414	9490	0.74	cps
Cadmium	106-1	1583	1458	1275	1439	10.78	cps
Cadmium	108-1	625	725	604	651	9.92	cps
Calcium	43-1	19472	20624	20857	20318	3.65	cps
Calcium	44-1	341828	343090	343682	342866	0.28	cps
Chromium	52-2	16646	15602	16282	16177	3.28	cps
Cobalt	59-2	25766	26317	26077	26053	1.06	cps
Copper	63-2	40857	40516	40513	40629	0.49	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	7	13	0	7	99.98	cps
Erbium	164-1	83	67	100	83	20.00	cps
Erbium	164-2	53	57	23	44	41.31	cps
Gadolinium	160-1	50	25	17	31	56.77	cps
Gadolinium	160-2	103	147	147	132	18.92	cps
Holmium	165-1	1386415	1385147	1411373	1394311	1.06	cps
Holmium	165-2	1508561	1521394	1515303	1515086	0.42	cps
Indium	115-1	1070082	1074963	1078614	1074553	0.40	cps
Indium	115-2	533164	537520	538087	536257	0.50	cps
Iron	56-2	1007216	1013642	1011862	1010907	0.33	cps
Iron	57-2	25384	25317	25478	25393	0.32	cps
Lead	206-1	33470	33710	33303	33495	0.61	cps
Lead	207-1	30240	30057	30152	30150	0.30	cps
Lead	208-1	136638	138141	137433	137404	0.55	cps
Lithium	6-1	291454	292231	289429	291038	0.50	cps
Magnesium	24-2	188048	186953	185281	186761	0.75	cps
Manganese	55-2	32610	31668	33001	32426	2.11	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-02DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0594MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:18:52	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	28129	27027	27477	27544	2.01	cps
Molybdenum	95-1	17795	17403	18388	17862	2.78	cps
Molybdenum	96-1	21651	22043	21359	21684	1.58	cps
Molybdenum	97-1	10629	10513	10821	10654	1.46	cps
Molybdenum	98-1	27352	27686	27644	27561	0.66	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	7409	7172	7245	7275	1.67	cps
Phosphorus	31-2	117	25	75	72	63.55	cps
Potassium	39-2	95248	96638	95960	95949	0.72	cps
Rhodium	103-1	1018990	1032350	1032744	1028028	0.76	cps
Rhodium	103-2	798717	800681	806401	801933	0.50	cps
Scandium	45-1	593163	598236	597171	596190	0.45	cps
Scandium	45-2	53523	53493	53209	53408	0.32	cps
Selenium	77-2	80	77	70	76	6.74	cps
Selenium	78-2	335	261	309	302	12.45	cps
Selenium	82-1	479	581	544	535	9.71	cps
Silicon	28-1	659671	667225	663203	663366	0.57	cps
Silver	109-1	44864	46210	46034	45703	1.60	cps
Silver	107-1	47882	47573	48234	47896	0.69	cps
Sodium	23-2	394810	396172	397922	396301	0.39	cps
Strontium	86-1	14550	15200	15659	15136	3.68	cps
Strontium	88-1	126036	127391	126508	126645	0.54	cps
Sulfur	34-1	52963	53447	53388	53266	0.50	cps
Terbium	159-1	1391093	1399425	1398698	1396405	0.33	cps
Terbium	159-2	1484918	1492910	1497415	1491748	0.42	cps
Thallium	203-1	41106	40571	41867	41181	1.58	cps
Thallium	205-1	97877	100421	102185	100161	2.16	cps
Tin	118-1	28297	28396	28321	28338	0.18	cps
Titanium	47-1	4551	4367	4434	4451	2.09	cps
Uranium	238-1	160542	163061	163780	162461	1.05	cps
Vanadium	51-2	12055	12759	13113	12642	4.26	cps
Yttrium	89-1	919038	921709	932248	924332	0.76	cps
Yttrium	89-2	346133	347382	346446	346654	0.19	cps
Zinc	66-2	6928	7315	7359	7201	3.29	cps
Zirconium	90-1	48241	49612	49805	49220	1.73	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-02DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0594MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:18:52	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	11063	11347	11055	11155	1.49	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-03DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0594MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:22:23	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18061	17177	17227	17489	2.84	cps
Antimony	121-1	36850	36282	37476	36869	1.62	cps
Arsenic	75-2	2919	2830	2839	2863	1.71	cps
Barium	135-1	43352	42726	41430	42502	2.31	cps
Barium	137-1	73219	73462	74073	73585	0.60	cps
Beryllium	9-1	9470	9398	9386	9418	0.48	cps
Bismuth	209-1	1115700	1122826	1120663	1119730	0.33	cps
Bismuth	209-2	1210707	1215269	1215282	1213753	0.22	cps
Boron	10-1	1392	1683	1625	1567	9.85	cps
Boron	11-1	6360	6652	6727	6579	2.95	cps
Cadmium	111-1	9239	9607	9272	9373	2.17	cps
Cadmium	106-1	1292	1367	1317	1325	2.88	cps
Cadmium	108-1	633	683	700	672	5.16	cps
Calcium	43-1	20890	20690	20365	20649	1.28	cps
Calcium	44-1	338831	341246	340005	340027	0.36	cps
Chromium	52-2	16516	16473	16306	16432	0.68	cps
Cobalt	59-2	26554	27219	26027	26600	2.25	cps
Copper	63-2	42181	41826	41649	41885	0.65	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	75	42	75	64	30.12	cps
Erbium	164-2	70	63	53	62	13.48	cps
Gadolinium	160-1	75	42	17	44	65.84	cps
Gadolinium	160-2	183	177	103	154	28.74	cps
Holmium	165-1	1367381	1367213	1380282	1371625	0.55	cps
Holmium	165-2	1508831	1516533	1512803	1512722	0.25	cps
Indium	115-1	1060540	1055962	1066023	1060842	0.47	cps
Indium	115-2	532246	538188	531919	534118	0.66	cps
Iron	56-2	1034321	1038740	1033160	1035407	0.28	cps
Iron	57-2	25779	26291	26007	26025	0.99	cps
Lead	206-1	33365	34133	33682	33727	1.14	cps
Lead	207-1	29979	31755	31933	31222	3.46	cps
Lead	208-1	137712	140592	139666	139323	1.06	cps
Lithium	6-1	288922	290534	289828	289761	0.28	cps
Magnesium	24-2	184321	184816	184270	184469	0.16	cps
Manganese	55-2	32646	32864	32713	32741	0.34	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-03DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0594MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:22:23	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	28028	29256	28112	28465	2.41	cps
Molybdenum	95-1	17061	17553	17787	17467	2.12	cps
Molybdenum	96-1	20874	21058	21809	21247	2.33	cps
Molybdenum	97-1	10529	11005	10696	10743	2.25	cps
Molybdenum	98-1	28638	28137	28864	28546	1.30	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	7098	6918	7182	7066	1.91	cps
Phosphorus	31-2	83	92	100	92	9.09	cps
Potassium	39-2	97948	95825	95690	96488	1.31	cps
Rhodium	103-1	1022823	1012973	1017966	1017921	0.48	cps
Rhodium	103-2	796509	803739	803037	801095	0.50	cps
Scandium	45-1	593482	592613	593265	593120	0.08	cps
Scandium	45-2	52907	53008	52871	52929	0.13	cps
Selenium	77-2	67	60	73	67	10.00	cps
Selenium	78-2	300	296	294	297	0.95	cps
Selenium	82-1	484	491	540	505	5.95	cps
Silicon	28-1	669731	669638	664250	667873	0.47	cps
Silver	109-1	46169	46344	46352	46288	0.22	cps
Silver	107-1	46895	49529	47447	47957	2.90	cps
Sodium	23-2	397960	404280	395706	399315	1.11	cps
Strontium	86-1	14324	14466	14474	14422	0.58	cps
Strontium	88-1	128358	128046	128164	128189	0.12	cps
Sulfur	34-1	54342	54634	52819	53932	1.81	cps
Terbium	159-1	1364721	1383300	1372104	1373375	0.68	cps
Terbium	159-2	1477540	1488078	1492930	1486183	0.53	cps
Thallium	203-1	41491	41625	41232	41449	0.48	cps
Thallium	205-1	99397	99069	101663	100043	1.41	cps
Tin	118-1	28471	28271	30000	28914	3.27	cps
Titanium	47-1	4384	4543	4726	4551	3.76	cps
Uranium	238-1	162895	164632	164885	164137	0.66	cps
Vanadium	51-2	13093	13076	12666	12945	1.87	cps
Yttrium	89-1	904988	912158	917483	911543	0.69	cps
Yttrium	89-2	344532	342673	343651	343619	0.27	cps
Zinc	66-2	7038	7169	7359	7189	2.24	cps
Zirconium	90-1	49404	49964	51235	50201	1.87	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-03DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0594MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:22:23	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	10546	11305	11447	11099	4.36	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01ADLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0594ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:25:55	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17928	17085	17628	17547	2.43	cps
Antimony	121-1	37108	36373	36097	36526	1.43	cps
Arsenic	75-2	2902	2997	2856	2918	2.46	cps
Barium	135-1	41162	41831	41404	41466	0.82	cps
Barium	137-1	73730	72533	74433	73565	1.31	cps
Beryllium	9-1	9915	8886	9153	9318	5.73	cps
Bismuth	209-1	1126635	1113455	1110892	1116994	0.76	cps
Bismuth	209-2	1211058	1212894	1201479	1208477	0.51	cps
Boron	10-1	1442	1367	1308	1372	4.87	cps
Boron	11-1	6518	6310	7069	6632	5.91	cps
Cadmium	111-1	9707	9206	9303	9406	2.83	cps
Cadmium	106-1	1383	1350	1300	1345	3.12	cps
Cadmium	108-1	675	667	621	654	4.46	cps
Calcium	43-1	21041	20632	21775	21149	2.74	cps
Calcium	44-1	347344	344973	345288	345868	0.37	cps
Chromium	52-2	16910	16206	16383	16499	2.22	cps
Cobalt	59-2	26571	25893	26858	26441	1.87	cps
Copper	63-2	41887	41800	41676	41787	0.25	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	83	67	61	41.66	cps
Erbium	164-2	60	60	33	51	30.13	cps
Gadolinium	160-1	17	50	25	31	56.77	cps
Gadolinium	160-2	190	160	187	179	9.19	cps
Holmium	165-1	1368224	1358858	1350826	1359302	0.64	cps
Holmium	165-2	1501843	1507620	1495844	1501769	0.39	cps
Indium	115-1	1064785	1056510	1054743	1058679	0.51	cps
Indium	115-2	533738	530110	527127	530325	0.62	cps
Iron	56-2	1032388	1036692	1023058	1030713	0.68	cps
Iron	57-2	26074	26413	26107	26198	0.71	cps
Lead	206-1	33782	34200	33682	33888	0.81	cps
Lead	207-1	30842	31237	30798	30959	0.78	cps
Lead	208-1	139921	140199	139714	139944	0.17	cps
Lithium	6-1	289603	289637	288161	289133	0.29	cps
Magnesium	24-2	186006	183931	186443	185460	0.72	cps
Manganese	55-2	32727	33605	32720	33017	1.54	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01ADLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0594ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:25:55	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	29055	27770	28237	28354	2.30	cps
Molybdenum	95-1	17453	17829	17536	17606	1.12	cps
Molybdenum	96-1	21467	21300	21250	21339	0.53	cps
Molybdenum	97-1	11055	11147	10838	11013	1.44	cps
Molybdenum	98-1	28137	27369	28588	28031	2.20	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	7209	7425	7315	7316	1.48	cps
Phosphorus	31-2	108	150	100	119	22.43	cps
Potassium	39-2	97277	99516	97528	98107	1.25	cps
Rhodium	103-1	1025588	1014019	1004939	1014849	1.02	cps
Rhodium	103-2	803139	797469	797101	799237	0.42	cps
Scandium	45-1	593519	590970	589424	591304	0.35	cps
Scandium	45-2	53112	53306	52078	52832	1.25	cps
Selenium	77-2	77	67	83	76	11.10	cps
Selenium	78-2	311	281	343	312	9.80	cps
Selenium	82-1	536	486	545	522	6.11	cps
Silicon	28-1	674777	664512	667938	669075	0.78	cps
Silver	109-1	44990	45825	45424	45413	0.92	cps
Silver	107-1	48827	48861	48183	48624	0.79	cps
Sodium	23-2	402435	402073	400886	401798	0.20	cps
Strontium	86-1	15109	14909	14491	14836	2.12	cps
Strontium	88-1	129282	128098	129073	128818	0.49	cps
Sulfur	34-1	53447	53464	53706	53539	0.27	cps
Terbium	159-1	1375640	1367009	1365186	1369278	0.41	cps
Terbium	159-2	1483450	1480068	1467863	1477127	0.56	cps
Thallium	203-1	41842	42185	41248	41758	1.13	cps
Thallium	205-1	100966	101713	99899	100859	0.90	cps
Tin	118-1	29716	28705	28580	29000	2.15	cps
Titanium	47-1	4609	4951	5018	4859	4.51	cps
Uranium	238-1	166471	165848	163542	165287	0.93	cps
Vanadium	51-2	12933	12772	12789	12831	0.69	cps
Yttrium	89-1	917703	911729	911510	913647	0.38	cps
Yttrium	89-2	347464	345199	341706	344789	0.84	cps
Zinc	66-2	7659	8009	7672	7780	2.55	cps
Zirconium	90-1	49796	49429	48358	49194	1.52	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-01ADLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0594ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:25:55	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	11147	11105	11689	11313	2.88	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-04DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0615DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:29:28	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	83	75	72	17.62	cps
Antimony	121-1	208	175	217	200	11.02	cps
Arsenic	75-2	54	35	63	51	27.93	cps
Barium	135-1	308	350	250	303	16.59	cps
Barium	137-1	500	550	483	511	6.79	cps
Beryllium	9-1	44	22	22	30	43.32	cps
Bismuth	209-1	1140772	1133351	1129132	1134418	0.52	cps
Bismuth	209-2	1242227	1240030	1234861	1239039	0.31	cps
Boron	10-1	208	267	175	217	21.41	cps
Boron	11-1	1100	1017	1092	1070	4.29	cps
Cadmium	111-1	253	287	268	269	6.19	cps
Cadmium	106-1	350	392	392	378	6.37	cps
Cadmium	108-1	0	0	8	3	173.21	cps
Calcium	43-1	2175	2134	2059	2122	2.79	cps
Calcium	44-1	35669	35653	34976	35433	1.12	cps
Chromium	52-2	533	497	513	514	3.57	cps
Cobalt	59-2	17	23	37	26	39.85	cps
Copper	63-2	430	440	493	454	7.49	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	8	8	25	14	69.31	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	17	42	50	36	48.03	cps
Gadolinium	160-2	110	130	163	134	20.04	cps
Holmium	165-1	1352262	1371565	1362223	1362017	0.71	cps
Holmium	165-2	1515891	1523601	1510318	1516603	0.44	cps
Indium	115-1	1064789	1064532	1063640	1064320	0.06	cps
Indium	115-2	536851	536844	536180	536625	0.07	cps
Iron	56-2	4490	4351	4501	4447	1.88	cps
Iron	57-2	117	144	133	131	10.63	cps
Lead	206-1	328	250	222	267	20.52	cps
Lead	207-1	261	222	217	233	10.38	cps
Lead	208-1	1189	1172	1011	1124	8.73	cps
Lithium	6-1	290849	286701	290313	289288	0.78	cps
Magnesium	24-2	12247	12648	12472	12456	1.61	cps
Manganese	55-2	997	973	847	939	8.60	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-04DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0615DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:29:28	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	167	83	133	128	32.83	cps
Molybdenum	95-1	58	67	58	61	7.87	cps
Molybdenum	96-1	83	125	100	103	20.41	cps
Molybdenum	97-1	100	8	125	78	78.98	cps
Molybdenum	98-1	158	150	167	158	5.26	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	23	20	3	16	68.90	cps
Phosphorus	31-2	0	50	25	25	100.00	cps
Potassium	39-2	27251	28111	27677	27679	1.55	cps
Rhodium	103-1	1021073	1012218	1017065	1016785	0.44	cps
Rhodium	103-2	798930	804357	799680	800989	0.37	cps
Scandium	45-1	590188	589747	590317	590084	0.05	cps
Scandium	45-2	53021	52573	53209	52934	0.62	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	70	83	80	78	8.58	cps
Selenium	82-1	36	-2	16	17	112.63	cps
Silicon	28-1	341264	338413	340239	339972	0.42	cps
Silver	109-1	125	200	142	156	25.32	cps
Silver	107-1	150	208	150	169	19.87	cps
Sodium	23-2	397708	401485	398662	399285	0.49	cps
Strontium	86-1	1283	1500	1408	1397	7.78	cps
Strontium	88-1	12106	12197	12172	12158	0.39	cps
Sulfur	34-1	61335	61972	60766	61358	0.98	cps
Terbium	159-1	1368951	1368897	1368543	1368797	0.02	cps
Terbium	159-2	1489438	1483802	1485116	1486119	0.20	cps
Thallium	203-1	25	42	75	47	53.91	cps
Thallium	205-1	125	133	125	128	3.76	cps
Tin	118-1	275	158	142	192	37.90	cps
Titanium	47-1	33	17	17	22	43.28	cps
Uranium	238-1	308	317	333	319	3.98	cps
Vanadium	51-2	23	57	43	41	40.82	cps
Yttrium	89-1	917130	906809	914360	912766	0.59	cps
Yttrium	89-2	343894	344814	344689	344466	0.14	cps
Zinc	66-2	317	330	317	321	2.40	cps
Zirconium	90-1	283	350	250	294	17.29	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-04DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0615DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:29:28	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	33	92	17	47	83.39	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-05DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0600DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:33:00	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	50	142	106	46.26	cps
Antimony	121-1	2017	2450	2567	2345	12.36	cps
Arsenic	75-2	107	107	104	106	2.01	cps
Barium	135-1	200	92	242	178	43.55	cps
Barium	137-1	367	325	250	314	18.84	cps
Beryllium	9-1	17	11	22	17	33.33	cps
Bismuth	209-1	1137607	1125791	1126808	1130069	0.58	cps
Bismuth	209-2	1214114	1222383	1229006	1221834	0.61	cps
Boron	10-1	142	150	158	150	5.55	cps
Boron	11-1	658	717	808	728	10.39	cps
Cadmium	111-1	280	296	290	289	2.78	cps
Cadmium	106-1	400	417	408	408	2.04	cps
Cadmium	108-1	0	0	0	0	0.00	cps
Calcium	43-1	3684	3801	3901	3795	2.86	cps
Calcium	44-1	64065	62232	62332	62877	1.64	cps
Chromium	52-2	493	463	657	538	19.35	cps
Cobalt	59-2	13	20	20	18	21.66	cps
Copper	63-2	540	527	487	518	5.36	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	42	25	39	32.73	cps
Erbium	164-2	0	0	10	3	173.21	cps
Gadolinium	160-1	25	17	25	22	21.64	cps
Gadolinium	160-2	147	153	143	148	3.45	cps
Holmium	165-1	1362856	1369705	1350484	1361015	0.72	cps
Holmium	165-2	1493200	1504588	1513048	1503612	0.66	cps
Indium	115-1	1077342	1073086	1061943	1070791	0.74	cps
Indium	115-2	531431	538052	539601	536361	0.81	cps
Iron	56-2	6374	6446	6457	6426	0.70	cps
Iron	57-2	183	189	200	191	4.45	cps
Lead	206-1	339	350	256	315	16.40	cps
Lead	207-1	283	244	283	270	8.31	cps
Lead	208-1	1256	1194	1256	1235	2.86	cps
Lithium	6-1	286355	286142	284268	285588	0.40	cps
Magnesium	24-2	19806	19205	20723	19911	3.84	cps
Manganese	55-2	573	460	497	510	11.34	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-05DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0600DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:33:00	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	192	75	150	139	42.57	cps
Molybdenum	95-1	33	42	75	50	44.10	cps
Molybdenum	96-1	50	58	50	53	9.12	cps
Molybdenum	97-1	42	67	75	61	28.38	cps
Molybdenum	98-1	83	142	142	122	27.55	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	53	40	49	15.74	cps
Phosphorus	31-2	42	50	25	39	32.73	cps
Potassium	39-2	60491	61503	60842	60945	0.84	cps
Rhodium	103-1	1031101	1022717	1016383	1023400	0.72	cps
Rhodium	103-2	794188	805165	804710	801355	0.77	cps
Scandium	45-1	598178	594742	589440	594120	0.74	cps
Scandium	45-2	51623	53991	53724	53113	2.44	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	65	63	63	64	1.69	cps
Selenium	82-1	46	31	29	35	25.78	cps
Silicon	28-1	187970	190930	188637	189179	0.82	cps
Silver	109-1	75	83	117	92	24.05	cps
Silver	107-1	75	167	158	133	38.02	cps
Sodium	23-2	85251	87011	87990	86751	1.60	cps
Strontium	86-1	3551	3476	3526	3517	1.09	cps
Strontium	88-1	29189	29373	30308	29623	2.03	cps
Sulfur	34-1	55981	54007	54166	54718	2.00	cps
Terbium	159-1	1376717	1370338	1363189	1370081	0.49	cps
Terbium	159-2	1476500	1486862	1488820	1484061	0.45	cps
Thallium	203-1	67	42	17	42	60.00	cps
Thallium	205-1	175	117	117	136	24.75	cps
Tin	118-1	250	208	250	236	10.19	cps
Titanium	47-1	58	33	33	42	34.65	cps
Uranium	238-1	200	192	117	169	27.09	cps
Vanadium	51-2	40	10	53	34	64.43	cps
Yttrium	89-1	917925	921034	911008	916655	0.56	cps
Yttrium	89-2	343737	347182	347384	346101	0.59	cps
Zinc	66-2	333	333	370	346	6.13	cps
Zirconium	90-1	183	208	192	194	6.55	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-05DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0600DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:33:00	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	42	42	67	50	28.87	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-06DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0601-FDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:36:33	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	50	33	58	51.51	cps
Antimony	121-1	2842	2750	2892	2828	2.54	cps
Arsenic	75-2	94	106	133	111	18.03	cps
Barium	135-1	100	175	233	169	39.45	cps
Barium	137-1	308	300	358	322	9.79	cps
Beryllium	9-1	17	28	28	24	26.64	cps
Bismuth	209-1	1117804	1122828	1113621	1118084	0.41	cps
Bismuth	209-2	1221029	1229667	1243170	1231289	0.91	cps
Boron	10-1	92	158	133	128	26.36	cps
Boron	11-1	750	692	608	683	10.42	cps
Cadmium	111-1	319	316	280	305	7.11	cps
Cadmium	106-1	442	450	400	431	6.22	cps
Cadmium	108-1	4	4	0	3	86.60	cps
Calcium	43-1	3859	4026	4309	4065	5.60	cps
Calcium	44-1	68142	64877	65982	66334	2.50	cps
Chromium	52-2	483	567	623	558	12.63	cps
Cobalt	59-2	27	20	30	26	19.92	cps
Copper	63-2	590	483	537	537	9.94	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	58	42	42	40.00	cps
Erbium	164-2	3	13	10	9	57.30	cps
Gadolinium	160-1	33	17	25	25	33.32	cps
Gadolinium	160-2	140	177	177	164	12.87	cps
Holmium	165-1	1343433	1340097	1347479	1343669	0.28	cps
Holmium	165-2	1496755	1515292	1529254	1513767	1.08	cps
Indium	115-1	1061898	1060014	1056314	1059409	0.27	cps
Indium	115-2	534965	539690	543676	539444	0.81	cps
Iron	56-2	6379	6463	6807	6550	3.46	cps
Iron	57-2	194	217	161	191	14.66	cps
Lead	206-1	239	333	250	274	18.83	cps
Lead	207-1	228	250	306	261	15.34	cps
Lead	208-1	1178	1317	1189	1228	6.29	cps
Lithium	6-1	283327	281664	285934	283642	0.76	cps
Magnesium	24-2	20331	20356	20064	20250	0.80	cps
Manganese	55-2	540	520	593	551	6.88	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-06DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0601-FDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:36:33	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	100	117	100	106	9.11	cps
Molybdenum	95-1	50	50	42	47	10.18	cps
Molybdenum	96-1	67	75	92	78	16.37	cps
Molybdenum	97-1	42	75	42	53	36.46	cps
Molybdenum	98-1	125	125	83	111	21.65	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	33	53	50	46	23.52	cps
Phosphorus	31-2	25	83	50	53	55.46	cps
Potassium	39-2	69347	68040	69061	68816	1.00	cps
Rhodium	103-1	1016793	1021476	1012877	1017049	0.42	cps
Rhodium	103-2	802249	807290	807738	805759	0.38	cps
Scandium	45-1	588189	584888	590936	588004	0.52	cps
Scandium	45-2	53122	53888	53523	53511	0.72	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	72	54	65	64	14.66	cps
Selenium	82-1	32	32	4	23	72.37	cps
Silicon	28-1	188215	186518	182730	185821	1.51	cps
Silver	109-1	150	108	92	117	25.76	cps
Silver	107-1	108	125	142	125	13.33	cps
Sodium	23-2	88846	89600	88034	88827	0.88	cps
Strontium	86-1	3751	3692	3217	3553	8.23	cps
Strontium	88-1	30267	31060	29916	30414	1.93	cps
Sulfur	34-1	55697	56801	55295	55931	1.39	cps
Terbium	159-1	1353753	1356240	1354077	1354690	0.10	cps
Terbium	159-2	1479882	1487746	1496257	1487962	0.55	cps
Thallium	203-1	58	75	33	56	37.75	cps
Thallium	205-1	92	92	42	75	38.49	cps
Tin	118-1	158	200	192	183	12.03	cps
Titanium	47-1	33	25	8	22	57.29	cps
Uranium	238-1	117	158	150	142	15.56	cps
Vanadium	51-2	47	33	37	39	17.85	cps
Yttrium	89-1	914508	902080	902628	906405	0.77	cps
Yttrium	89-2	345214	346621	349906	347247	0.69	cps
Zinc	66-2	343	383	410	379	8.86	cps
Zirconium	90-1	192	150	242	194	23.60	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-06DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0601-FDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:36:33	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	17	17	33	22	43.28	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-07DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0610DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:40:04	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1834	2200	2059	2031	9.11	cps
Antimony	121-1	192	150	183	175	12.60	cps
Arsenic	75-2	394	363	409	389	6.08	cps
Barium	135-1	600	492	525	539	10.30	cps
Barium	137-1	867	875	1000	914	8.17	cps
Beryllium	9-1	0	61	28	30	103.26	cps
Bismuth	209-1	1102247	1103298	1109432	1104992	0.35	cps
Bismuth	209-2	1221815	1231215	1228596	1227209	0.40	cps
Boron	10-1	300	283	258	281	7.48	cps
Boron	11-1	1033	1033	1208	1092	9.26	cps
Cadmium	111-1	217	311	310	279	19.33	cps
Cadmium	106-1	317	425	433	392	16.62	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Calcium	43-1	18379	19464	19639	19161	3.56	cps
Calcium	44-1	315375	317335	318278	316996	0.47	cps
Chromium	52-2	423	593	533	517	16.69	cps
Cobalt	59-2	140	123	127	130	6.78	cps
Copper	63-2	6258	6325	6245	6276	0.68	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	27	47	27	33	34.64	cps
Erbium	164-1	42	75	67	61	28.38	cps
Erbium	164-2	47	47	37	43	13.32	cps
Gadolinium	160-1	67	108	50	75	40.06	cps
Gadolinium	160-2	197	183	200	193	4.56	cps
Holmium	165-1	1343676	1360972	1369098	1357915	0.96	cps
Holmium	165-2	1522466	1523756	1518695	1521639	0.17	cps
Indium	115-1	1057837	1059972	1066935	1061581	0.45	cps
Indium	115-2	545804	537809	539832	541148	0.77	cps
Iron	56-2	68655	67036	69000	68230	1.54	cps
Iron	57-2	1678	1750	1995	1808	9.18	cps
Lead	206-1	1122	1195	1089	1135	4.75	cps
Lead	207-1	878	972	972	941	5.80	cps
Lead	208-1	4428	4634	4389	4484	2.93	cps
Lithium	6-1	280598	283546	284305	282816	0.69	cps
Magnesium	24-2	82528	82678	83114	82773	0.37	cps
Manganese	55-2	12005	11688	11878	11857	1.35	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-07DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0610DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:40:04	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	83	42	92	72	37.09	cps
Molybdenum	95-1	33	83	33	50	57.75	cps
Molybdenum	96-1	67	42	58	56	22.91	cps
Molybdenum	97-1	8	25	17	17	50.01	cps
Molybdenum	98-1	83	100	83	89	10.82	cps
Neodymium	150-1	80	87	47	71	30.13	cps
Neodymium	150-2	57	37	30	41	33.76	cps
Nickel	60-2	73	100	60	78	26.19	cps
Phosphorus	31-2	33	17	58	36	58.08	cps
Potassium	39-2	27693	27368	28837	27966	2.76	cps
Rhodium	103-1	1009553	1019728	1015423	1014901	0.50	cps
Rhodium	103-2	809454	808425	809087	808989	0.06	cps
Scandium	45-1	592128	590954	598072	593718	0.64	cps
Scandium	45-2	54527	53557	52590	53558	1.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	67	74	59	67	11.11	cps
Selenium	82-1	33	46	31	37	23.59	cps
Silicon	28-1	461605	464825	466213	464214	0.51	cps
Silver	109-1	142	133	158	144	8.81	cps
Silver	107-1	125	158	158	147	13.07	cps
Sodium	23-2	293819	288232	293847	291966	1.11	cps
Strontium	86-1	9303	9328	9587	9406	1.67	cps
Strontium	88-1	84743	84752	84090	84528	0.45	cps
Sulfur	34-1	55086	54241	54877	54735	0.80	cps
Terbium	159-1	1351319	1363839	1354016	1356391	0.49	cps
Terbium	159-2	1504453	1499696	1501577	1501909	0.16	cps
Thallium	203-1	25	8	50	28	75.51	cps
Thallium	205-1	67	67	67	67	0.00	cps
Tin	118-1	267	200	158	208	26.23	cps
Titanium	47-1	42	50	58	50	16.67	cps
Uranium	238-1	317	425	308	350	18.60	cps
Vanadium	51-2	53	50	47	50	6.66	cps
Yttrium	89-1	911314	918913	910310	913512	0.51	cps
Yttrium	89-2	349471	347517	349072	348687	0.30	cps
Zinc	66-2	487	430	390	436	11.15	cps
Zirconium	90-1	200	183	225	203	10.34	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-07DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0610DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 19:40:04	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	17	75	33	42	72.11	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 19:43:36	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1908137	1922642	1916794	1915858	0.38	cps
Antimony	121-1	731651	734067	725689	730469	0.59	cps
Arsenic	75-2	54336	54139	54762	54412	0.59	cps
Barium	135-1	807127	803056	809914	806699	0.43	cps
Barium	137-1	1403605	1414793	1393250	1403882	0.77	cps
Beryllium	9-1	184774	184263	184644	184560	0.14	cps
Bismuth	209-1	1001029	986717	995435	994394	0.73	cps
Bismuth	209-2	1110149	1116912	1119497	1115520	0.43	cps
Boron	10-1	20823	21616	21666	21369	2.21	cps
Boron	11-1	99309	100894	100308	100170	0.80	cps
Cadmium	111-1	176590	175849	175384	175941	0.35	cps
Cadmium	106-1	17862	18104	18121	18029	0.80	cps
Cadmium	108-1	12185	12627	12068	12293	2.40	cps
Calcium	43-1	848850	855706	850537	851698	0.42	cps
Calcium	44-1	14336763	14514681	14515049	14455498	0.71	cps
Chromium	52-2	342029	344653	344259	343647	0.41	cps
Cobalt	59-2	546363	552733	552458	550518	0.65	cps
Copper	63-2	783744	788525	784570	785613	0.33	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	37	23	37	32	23.90	cps
Erbium	164-1	25	50	25	33	43.30	cps
Erbium	164-2	3	23	0	9	142.00	cps
Gadolinium	160-1	0	25	50	25	100.00	cps
Gadolinium	160-2	120	203	163	162	25.69	cps
Holmium	165-1	1275885	1270254	1262979	1269706	0.51	cps
Holmium	165-2	1480211	1489088	1489501	1486267	0.35	cps
Indium	115-1	977337	963282	962530	967716	0.86	cps
Indium	115-2	516096	519076	518608	517927	0.31	cps
Iron	56-2	84295566	84092402	84669332	84352433	0.35	cps
Iron	57-2	2080978	2081395	2080158	2080844	0.03	cps
Lead	206-1	646306	646104	645088	645833	0.10	cps
Lead	207-1	598401	598282	595092	597258	0.31	cps
Lead	208-1	2679791	2667558	2675270	2674206	0.23	cps
Lithium	6-1	261338	263131	262398	262289	0.34	cps
Magnesium	24-2	13514425	13572320	13617652	13568133	0.38	cps
Manganese	55-2	532777	534920	533492	533729	0.20	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 19:43:36	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	588299	583620	591179	587700	0.65	cps
Molybdenum	95-1	338064	335409	334480	335985	0.55	cps
Molybdenum	96-1	427646	421917	429250	426271	0.90	cps
Molybdenum	97-1	212146	210836	210779	211254	0.37	cps
Molybdenum	98-1	546783	543968	546350	545701	0.28	cps
Neodymium	150-1	33	80	60	58	40.53	cps
Neodymium	150-2	30	17	30	26	30.11	cps
Nickel	60-2	147955	146560	146732	147082	0.52	cps
Phosphorus	31-2	21967	21416	21116	21500	2.01	cps
Potassium	39-2	7720150	7787045	7828229	7778475	0.70	cps
Rhodium	103-1	900196	904409	913435	906014	0.75	cps
Rhodium	103-2	753513	751274	748211	750999	0.35	cps
Scandium	45-1	579470	586117	587148	584245	0.71	cps
Scandium	45-2	56708	56986	57558	57084	0.76	cps
Selenium	77-2	1547	1527	1427	1500	4.29	cps
Selenium	78-2	4853	5060	5062	4992	2.41	cps
Selenium	82-1	9528	9374	9756	9553	2.01	cps
Silicon	28-1	635827	641673	658483	645328	1.82	cps
Silver	109-1	838473	831753	834788	835004	0.40	cps
Silver	107-1	884706	879143	883738	882529	0.34	cps
Sodium	23-2	20969963	20912529	20965148	20949213	0.15	cps
Strontium	86-1	185112	180620	182747	182826	1.23	cps
Strontium	88-1	1620234	1581972	1601670	1601292	1.19	cps
Sulfur	34-1	109628	109175	110274	109692	0.50	cps
Terbium	159-1	1274721	1262597	1265767	1267695	0.50	cps
Terbium	159-2	1452834	1454838	1458763	1455478	0.21	cps
Thallium	203-1	792910	785541	790656	789702	0.48	cps
Thallium	205-1	1928605	1916290	1892103	1912333	0.97	cps
Tin	118-1	549865	540980	540493	543780	0.97	cps
Titanium	47-1	95409	96374	96089	95957	0.52	cps
Uranium	238-1	3489848	3465963	3477224	3477678	0.34	cps
Vanadium	51-2	293307	291718	291888	292304	0.30	cps
Yttrium	89-1	863625	855371	861675	860224	0.50	cps
Yttrium	89-2	353878	355344	356369	355197	0.35	cps
Zinc	66-2	137456	136101	137402	136986	0.56	cps
Zirconium	90-1	1067204	1070983	1069016	1069068	0.18	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 19:43:36	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	241227	238160	239544	239644	0.64	cps

LB Number : LB90717 Operator : Jaswal
 Lab Sample ID : CCB71 Instrumnet Name : P7
 Client Sample ID : CCB71 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-09 19:47:05 DataFile Name : 053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	67	100	89	21.65	cps
Antimony	121-1	2500	1884	2034	2139	15.04	cps
Arsenic	75-2	17	9	24	17	44.43	cps
Barium	135-1	42	67	92	67	37.50	cps
Barium	137-1	158	92	92	114	33.80	cps
Beryllium	9-1	56	22	33	37	45.84	cps
Bismuth	209-1	1056550	1046649	1060455	1054552	0.67	cps
Bismuth	209-2	1195688	1197415	1203100	1198734	0.32	cps
Boron	10-1	367	283	258	303	18.73	cps
Boron	11-1	1884	1517	1659	1686	10.97	cps
Cadmium	111-1	311	317	244	291	13.90	cps
Cadmium	106-1	417	433	325	392	14.89	cps
Cadmium	108-1	8	4	0	4	99.96	cps
Calcium	43-1	92	100	117	103	12.39	cps
Calcium	44-1	3142	3100	3384	3209	4.77	cps
Chromium	52-2	517	523	487	509	3.84	cps
Cobalt	59-2	67	30	17	38	68.53	cps
Copper	63-2	337	300	397	344	14.17	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	42	33	33	36	13.33	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	42	25	17	28	45.82	cps
Gadolinium	160-2	150	140	123	138	9.77	cps
Holmium	165-1	1262305	1253360	1268960	1261542	0.62	cps
Holmium	165-2	1477302	1472251	1478426	1475993	0.22	cps
Indium	115-1	1011042	999413	1011537	1007330	0.68	cps
Indium	115-2	540113	539700	538438	539417	0.16	cps
Iron	56-2	5518	5529	5190	5412	3.56	cps
Iron	57-2	189	122	106	139	31.75	cps
Lead	206-1	561	583	528	557	5.02	cps
Lead	207-1	467	422	350	413	14.26	cps
Lead	208-1	2267	2239	2067	2191	4.95	cps
Lithium	6-1	272509	273709	274279	273499	0.33	cps
Magnesium	24-2	592	600	608	600	1.39	cps
Manganese	55-2	90	70	67	76	16.70	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 19:47:05	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	233	317	333	294	18.19	cps
Molybdenum	95-1	283	217	317	272	18.70	cps
Molybdenum	96-1	342	392	208	314	30.19	cps
Molybdenum	97-1	200	192	192	194	2.47	cps
Molybdenum	98-1	542	500	567	536	6.28	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	27	30	23	27	12.51	cps
Phosphorus	31-2	50	17	25	31	56.77	cps
Potassium	39-2	14691	15492	14791	14991	2.91	cps
Rhodium	103-1	969643	966785	974122	970184	0.38	cps
Rhodium	103-2	800188	796679	799442	798769	0.23	cps
Scandium	45-1	582055	580070	586230	582785	0.54	cps
Scandium	45-2	55119	55029	55169	55106	0.13	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	85	98	80	88	10.84	cps
Selenium	82-1	50	29	37	39	27.48	cps
Silicon	28-1	40715	39035	39721	39823	2.12	cps
Silver	109-1	133	108	125	122	10.41	cps
Silver	107-1	142	225	183	183	22.73	cps
Sodium	23-2	12889	13231	13190	13103	1.42	cps
Strontium	86-1	150	75	133	119	32.97	cps
Strontium	88-1	183	167	142	164	12.80	cps
Sulfur	34-1	54409	53096	54200	53901	1.31	cps
Terbium	159-1	1265413	1266221	1269458	1267031	0.17	cps
Terbium	159-2	1450240	1448913	1456552	1451902	0.28	cps
Thallium	203-1	425	300	250	325	27.73	cps
Thallium	205-1	992	950	692	878	18.52	cps
Tin	118-1	633	583	542	586	7.83	cps
Titanium	47-1	50	25	42	39	32.73	cps
Uranium	238-1	183	300	150	211	37.31	cps
Vanadium	51-2	17	17	23	19	20.36	cps
Yttrium	89-1	861375	862648	869605	864543	0.51	cps
Yttrium	89-2	354340	350172	351514	352009	0.60	cps
Zinc	66-2	137	147	167	150	10.18	cps
Zirconium	90-1	417	442	392	417	6.00	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 19:47:05	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	108	92	97	9.90	cps

LB Number : LB90717 Operator : Jaswal
 Lab Sample ID : PB103086BL Instrumnet Name : P7
 Client Sample ID : PB103086BL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-09 20:02:01 DataFile Name : 054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	75	58	69	13.85	cps
Antimony	121-1	133	158	200	164	20.55	cps
Arsenic	75-2	4	4	9	6	57.80	cps
Barium	135-1	17	0	25	14	91.65	cps
Barium	137-1	42	25	42	36	26.65	cps
Beryllium	9-1	28	17	17	20	31.48	cps
Bismuth	209-1	1066232	1075876	1078242	1073450	0.59	cps
Bismuth	209-2	1202226	1201768	1199538	1201177	0.12	cps
Boron	10-1	58	158	108	108	46.15	cps
Boron	11-1	558	358	342	419	28.75	cps
Cadmium	111-1	249	203	286	246	16.99	cps
Cadmium	106-1	350	283	408	347	18.01	cps
Cadmium	108-1	0	0	0	0	0.00	cps
Calcium	43-1	58	67	75	67	12.49	cps
Calcium	44-1	2384	2400	2025	2270	9.34	cps
Chromium	52-2	383	537	497	472	16.84	cps
Cobalt	59-2	30	30	23	28	13.86	cps
Copper	63-2	263	207	187	219	18.17	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	67	17	42	60.00	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	50	25	42	39	32.73	cps
Gadolinium	160-2	120	160	160	147	15.75	cps
Holmium	165-1	1290327	1285622	1281199	1285716	0.36	cps
Holmium	165-2	1473565	1467723	1467602	1469630	0.23	cps
Indium	115-1	1019059	1016644	1023365	1019689	0.33	cps
Indium	115-2	528330	526631	532546	529169	0.58	cps
Iron	56-2	2539	2322	2439	2434	4.46	cps
Iron	57-2	61	61	122	81	43.31	cps
Lead	206-1	306	400	361	356	13.35	cps
Lead	207-1	361	372	333	356	5.63	cps
Lead	208-1	1539	1661	1556	1585	4.18	cps
Lithium	6-1	280167	278806	279996	279656	0.27	cps
Magnesium	24-2	250	192	242	228	13.85	cps
Manganese	55-2	47	37	17	33	45.82	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	PB103086BL	Instrumnet Name :	P7
Client Sample ID :	PB103086BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 20:02:01	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	33	75	50	53	39.74	cps
Molybdenum	95-1	42	25	50	39	32.73	cps
Molybdenum	96-1	67	42	42	50	28.87	cps
Molybdenum	97-1	25	25	33	28	17.33	cps
Molybdenum	98-1	67	83	58	69	18.33	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	20	27	27	24	15.75	cps
Phosphorus	31-2	17	42	33	31	41.66	cps
Potassium	39-2	11505	12422	11880	11936	3.86	cps
Rhodium	103-1	993058	986759	984037	987951	0.47	cps
Rhodium	103-2	798727	789863	791229	793273	0.60	cps
Scandium	45-1	582623	580224	579860	580902	0.26	cps
Scandium	45-2	53778	53714	53965	53819	0.24	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	63	78	57	66	15.94	cps
Selenium	82-1	6	33	43	27	69.74	cps
Silicon	28-1	38342	37147	38459	37983	1.91	cps
Silver	109-1	33	92	50	58	51.51	cps
Silver	107-1	108	108	83	100	14.43	cps
Sodium	23-2	9520	9629	9754	9634	1.21	cps
Strontium	86-1	100	92	108	100	8.33	cps
Strontium	88-1	133	92	142	122	21.92	cps
Sulfur	34-1	55538	55914	54961	55471	0.87	cps
Terbium	159-1	1294487	1294021	1298245	1295584	0.18	cps
Terbium	159-2	1452596	1443393	1448667	1448219	0.32	cps
Thallium	203-1	58	42	42	47	20.38	cps
Thallium	205-1	233	142	167	181	26.25	cps
Tin	118-1	133	108	142	128	13.57	cps
Titanium	47-1	17	33	25	25	33.32	cps
Uranium	238-1	83	75	42	67	33.07	cps
Vanadium	51-2	10	7	10	9	21.63	cps
Yttrium	89-1	875867	872236	877798	875300	0.32	cps
Yttrium	89-2	346921	346324	345292	346179	0.24	cps
Zinc	66-2	133	150	160	148	9.11	cps
Zirconium	90-1	175	208	142	175	19.05	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	PB103086BL	Instrumnet Name :	P7
Client Sample ID :	PB103086BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 20:02:01	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	50	50	25	42	34.64	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	PB103086BS	Instrumnet Name :	P7
Client Sample ID :	PB103086BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 20:05:33	DataFile Name :	055LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1675	1267	1367	1436	14.82	cps
Antimony	121-1	5651	5893	5960	5835	2.78	cps
Arsenic	75-2	183	180	211	191	8.99	cps
Barium	135-1	6043	6035	6310	6129	2.55	cps
Barium	137-1	10655	11405	10888	10983	3.50	cps
Beryllium	9-1	756	761	744	754	1.13	cps
Bismuth	209-1	1087597	1072485	1074809	1078297	0.75	cps
Bismuth	209-2	1207753	1213190	1203048	1207997	0.42	cps
Boron	10-1	1917	1967	2334	2072	10.98	cps
Boron	11-1	9545	10162	9970	9893	3.19	cps
Cadmium	111-1	1001	1107	1078	1062	5.17	cps
Cadmium	106-1	467	458	433	453	3.83	cps
Cadmium	108-1	67	79	54	67	18.75	cps
Calcium	43-1	3659	3567	3434	3553	3.18	cps
Calcium	44-1	56426	55589	57288	56434	1.50	cps
Chromium	52-2	3107	3317	3124	3183	3.67	cps
Cobalt	59-2	2134	2177	2127	2146	1.27	cps
Copper	63-2	3267	3500	3400	3389	3.45	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	8	17	19	65.47	cps
Erbium	164-2	23	10	10	14	53.28	cps
Gadolinium	160-1	8	58	17	28	96.44	cps
Gadolinium	160-2	153	173	137	154	11.89	cps
Holmium	165-1	1299017	1293541	1290355	1294304	0.34	cps
Holmium	165-2	1482393	1484870	1481348	1482870	0.12	cps
Indium	115-1	1028742	1011585	1020016	1020115	0.84	cps
Indium	115-2	530780	534760	532864	532801	0.37	cps
Iron	56-2	257083	261370	258255	258903	0.86	cps
Iron	57-2	6668	6541	6607	6605	0.97	cps
Lead	206-1	3050	3228	3095	3125	2.96	cps
Lead	207-1	2767	2706	2745	2739	1.13	cps
Lead	208-1	12347	12592	12870	12603	2.07	cps
Lithium	6-1	278745	277428	279692	278622	0.41	cps
Magnesium	24-2	50837	50837	49934	50536	1.03	cps
Manganese	55-2	1083	1013	1133	1077	5.60	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	PB103086BS	Instrumnet Name :	P7
Client Sample ID :	PB103086BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 20:05:33	DataFile Name :	055LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4976	4959	4884	4940	0.99	cps
Molybdenum	95-1	6352	6594	6227	6391	2.92	cps
Molybdenum	96-1	7260	7019	6994	7091	2.08	cps
Molybdenum	97-1	4001	3959	4026	3995	0.84	cps
Molybdenum	98-1	10780	9862	10546	10396	4.59	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	647	670	673	663	2.19	cps
Phosphorus	31-2	25	58	42	42	40.00	cps
Potassium	39-2	67505	68476	67061	67681	1.07	cps
Rhodium	103-1	991602	982215	995996	989938	0.71	cps
Rhodium	103-2	796227	801676	798913	798939	0.34	cps
Scandium	45-1	579250	578785	585506	581180	0.65	cps
Scandium	45-2	54828	54182	54336	54449	0.62	cps
Selenium	77-2	50	33	47	43	20.36	cps
Selenium	78-2	154	213	146	171	21.37	cps
Selenium	82-1	247	259	155	220	25.83	cps
Silicon	28-1	66674	64883	66072	65877	1.38	cps
Silver	109-1	3476	3501	3484	3487	0.37	cps
Silver	107-1	3884	3709	3617	3737	3.63	cps
Sodium	23-2	85879	86240	86642	86254	0.44	cps
Strontium	86-1	825	842	842	836	1.15	cps
Strontium	88-1	6402	6293	6168	6288	1.86	cps
Sulfur	34-1	54961	56416	56734	56037	1.69	cps
Terbium	159-1	1306178	1289919	1297355	1297817	0.63	cps
Terbium	159-2	1461804	1469273	1459113	1463397	0.36	cps
Thallium	203-1	3184	3451	3351	3328	4.05	cps
Thallium	205-1	7886	8395	7769	8017	4.15	cps
Tin	118-1	10079	11305	10296	10560	6.20	cps
Titanium	47-1	1667	1875	1725	1756	6.12	cps
Uranium	238-1	13349	12465	12849	12888	3.44	cps
Vanadium	51-2	5154	5048	5161	5121	1.24	cps
Yttrium	89-1	874895	877316	881614	877942	0.39	cps
Yttrium	89-2	350153	348820	346852	348609	0.48	cps
Zinc	66-2	823	710	853	796	9.50	cps
Zirconium	90-1	4026	4643	4142	4270	7.67	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	PB103086BS	Instrumnet Name :	P7
Client Sample ID :	PB103086BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 20:05:33	DataFile Name :	055LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	767	858	975	867	12.05	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-08DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0610MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:09:05	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18904	19488	18470	18954	2.70	cps
Antimony	121-1	37911	37184	37936	37677	1.13	cps
Arsenic	75-2	2947	3008	3056	3003	1.82	cps
Barium	135-1	40259	39440	39206	39635	1.40	cps
Barium	137-1	69919	69885	69500	69768	0.33	cps
Beryllium	9-1	8986	9236	9587	9270	3.25	cps
Bismuth	209-1	1092810	1089674	1088831	1090439	0.19	cps
Bismuth	209-2	1199713	1177402	1193436	1190184	0.97	cps
Boron	10-1	1167	1383	1242	1264	8.71	cps
Boron	11-1	5793	5935	6060	5929	2.25	cps
Cadmium	111-1	9409	9853	9434	9565	2.61	cps
Cadmium	106-1	1300	1200	1200	1233	4.68	cps
Cadmium	108-1	696	617	621	644	6.91	cps
Calcium	43-1	27986	27543	28913	28147	2.48	cps
Calcium	44-1	480621	485060	477188	480956	0.82	cps
Chromium	52-2	16877	16860	16843	16860	0.10	cps
Cobalt	59-2	27326	27616	27750	27564	0.79	cps
Copper	63-2	46233	45741	45297	45757	1.02	cps
Dysprosium	156-1	17	50	50	39	49.48	cps
Dysprosium	156-2	27	47	50	41	30.69	cps
Erbium	164-1	108	75	133	106	27.73	cps
Erbium	164-2	110	113	73	99	22.45	cps
Gadolinium	160-1	117	75	92	94	22.21	cps
Gadolinium	160-2	167	190	230	196	16.38	cps
Holmium	165-1	1328798	1327107	1332667	1329524	0.21	cps
Holmium	165-2	1491146	1477172	1488504	1485607	0.50	cps
Indium	115-1	1045763	1036730	1042072	1041522	0.44	cps
Indium	115-2	533686	529424	526831	529980	0.65	cps
Iron	56-2	874478	871631	866607	870905	0.46	cps
Iron	57-2	21650	22278	21917	21948	1.44	cps
Lead	206-1	35364	33833	36116	35104	3.32	cps
Lead	207-1	31973	32245	31527	31915	1.14	cps
Lead	208-1	146684	142826	145141	144884	1.34	cps
Lithium	6-1	285819	283608	285440	284955	0.42	cps
Magnesium	24-2	226884	225670	228710	227088	0.67	cps
Manganese	55-2	37017	36445	36465	36642	0.88	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-08DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0610MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:09:05	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	27778	28070	27762	27870	0.62	cps
Molybdenum	95-1	16610	16619	15776	16335	2.96	cps
Molybdenum	96-1	20232	21158	21258	20883	2.71	cps
Molybdenum	97-1	10304	10246	9554	10035	4.16	cps
Molybdenum	98-1	26325	26234	27185	26581	1.98	cps
Neodymium	150-1	40	27	53	40	33.33	cps
Neodymium	150-2	53	43	43	47	12.37	cps
Nickel	60-2	7565	7642	7465	7558	1.17	cps
Phosphorus	31-2	50	42	42	44	10.82	cps
Potassium	39-2	99280	100572	97511	99121	1.55	cps
Rhodium	103-1	1002558	995390	999499	999149	0.36	cps
Rhodium	103-2	795245	785237	790123	790202	0.63	cps
Scandium	45-1	588830	589370	590363	589521	0.13	cps
Scandium	45-2	53102	53346	53048	53165	0.30	cps
Selenium	77-2	70	63	53	62	13.48	cps
Selenium	78-2	307	320	341	323	5.21	cps
Selenium	82-1	484	540	565	530	7.81	cps
Silicon	28-1	509646	511108	510319	510358	0.14	cps
Silver	109-1	46261	46294	46770	46442	0.61	cps
Silver	107-1	50508	50701	49338	50182	1.47	cps
Sodium	23-2	517638	513594	519088	516773	0.55	cps
Strontium	86-1	18713	19097	18663	18824	1.26	cps
Strontium	88-1	162675	163607	160780	162354	0.89	cps
Sulfur	34-1	54969	54676	56575	55407	1.84	cps
Terbium	159-1	1336933	1326587	1340459	1334660	0.54	cps
Terbium	159-2	1481307	1467107	1460586	1469667	0.72	cps
Thallium	203-1	41649	42093	41850	41864	0.53	cps
Thallium	205-1	101260	102335	102453	102016	0.64	cps
Tin	118-1	27369	27269	27236	27291	0.25	cps
Titanium	47-1	4751	4701	4342	4598	4.85	cps
Uranium	238-1	168876	167206	169230	168437	0.64	cps
Vanadium	51-2	13209	13219	13553	13327	1.47	cps
Yttrium	89-1	904086	900795	889082	897988	0.88	cps
Yttrium	89-2	346262	345733	343783	345259	0.38	cps
Zinc	66-2	7219	6985	7142	7115	1.67	cps
Zirconium	90-1	51009	51318	50707	51012	0.60	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-08DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0610MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:09:05	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	11472	11096	11672	11413	2.56	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-09DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0610MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:12:36	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19447	20131	19972	19850	1.80	cps
Antimony	121-1	40042	39808	39190	39680	1.11	cps
Arsenic	75-2	3184	3286	3245	3238	1.58	cps
Barium	135-1	43528	43135	43260	43308	0.46	cps
Barium	137-1	75399	74224	74199	74607	0.92	cps
Beryllium	9-1	9642	10198	10037	9959	2.87	cps
Bismuth	209-1	1109667	1102438	1101784	1104630	0.40	cps
Bismuth	209-2	1200453	1214768	1217535	1210919	0.76	cps
Boron	10-1	1517	1417	1292	1408	8.01	cps
Boron	11-1	6118	6668	6127	6304	5.00	cps
Cadmium	111-1	9961	9797	9933	9897	0.89	cps
Cadmium	106-1	1375	1183	1350	1303	8.00	cps
Cadmium	108-1	746	675	767	729	6.59	cps
Calcium	43-1	30466	28929	30157	29851	2.72	cps
Calcium	44-1	495796	497972	495569	496445	0.27	cps
Chromium	52-2	17744	18051	18205	18000	1.30	cps
Cobalt	59-2	28852	28568	29046	28822	0.83	cps
Copper	63-2	48517	49066	48560	48714	0.63	cps
Dysprosium	156-1	50	8	17	25	88.19	cps
Dysprosium	156-2	43	50	30	41	24.77	cps
Erbium	164-1	75	83	175	111	49.94	cps
Erbium	164-2	120	90	97	102	15.41	cps
Gadolinium	160-1	67	92	108	89	23.59	cps
Gadolinium	160-2	217	167	163	182	16.39	cps
Holmium	165-1	1357219	1358864	1339176	1351753	0.81	cps
Holmium	165-2	1496978	1518618	1523812	1513136	0.94	cps
Indium	115-1	1055368	1059040	1052775	1055728	0.30	cps
Indium	115-2	535132	540234	542033	539133	0.66	cps
Iron	56-2	917955	923261	921606	920941	0.29	cps
Iron	57-2	23725	23586	22701	23338	2.38	cps
Lead	206-1	37136	37197	36595	36976	0.90	cps
Lead	207-1	34373	34590	34106	34356	0.71	cps
Lead	208-1	154266	152856	152066	153063	0.73	cps
Lithium	6-1	284947	285945	286501	285798	0.28	cps
Magnesium	24-2	229676	228508	230589	229591	0.45	cps
Manganese	55-2	38975	38263	38537	38592	0.93	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-09DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0610MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:12:36	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	30233	30132	30049	30138	0.31	cps
Molybdenum	95-1	16936	17954	17303	17397	2.96	cps
Molybdenum	96-1	21467	21818	21091	21459	1.69	cps
Molybdenum	97-1	10738	11413	10705	10952	3.65	cps
Molybdenum	98-1	28179	28814	28480	28491	1.11	cps
Neodymium	150-1	40	53	40	44	17.33	cps
Neodymium	150-2	50	63	53	56	12.49	cps
Nickel	60-2	7552	7902	8002	7819	3.02	cps
Phosphorus	31-2	67	83	50	67	25.00	cps
Potassium	39-2	103721	104920	104718	104453	0.61	cps
Rhodium	103-1	1023530	1016848	1017674	1019351	0.36	cps
Rhodium	103-2	799661	808305	809816	805927	0.68	cps
Scandium	45-1	600152	597839	602439	600143	0.38	cps
Scandium	45-2	53426	53848	53864	53713	0.46	cps
Selenium	77-2	50	70	47	56	22.71	cps
Selenium	78-2	331	324	333	330	1.49	cps
Selenium	82-1	564	545	532	547	2.94	cps
Silicon	28-1	519030	512666	518777	516824	0.70	cps
Silver	109-1	48961	49706	49906	49524	1.01	cps
Silver	107-1	52364	51796	50617	51592	1.73	cps
Sodium	23-2	521545	518909	523185	521213	0.41	cps
Strontium	86-1	19764	19155	20081	19667	2.39	cps
Strontium	88-1	168787	170957	168764	169503	0.74	cps
Sulfur	34-1	55680	56467	54493	55547	1.79	cps
Terbium	159-1	1358816	1353219	1354276	1355437	0.22	cps
Terbium	159-2	1475837	1503331	1503182	1494117	1.06	cps
Thallium	203-1	44626	44785	44049	44487	0.87	cps
Thallium	205-1	107408	105677	105552	106212	0.98	cps
Tin	118-1	29265	28580	28539	28794	1.42	cps
Titanium	47-1	4809	5176	4734	4907	4.82	cps
Uranium	238-1	175503	176496	177699	176566	0.62	cps
Vanadium	51-2	14638	14054	14174	14288	2.16	cps
Yttrium	89-1	912681	917238	914225	914715	0.25	cps
Yttrium	89-2	350378	352176	351047	351200	0.26	cps
Zinc	66-2	7746	7579	7509	7611	1.60	cps
Zirconium	90-1	53687	54606	53844	54046	0.91	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-09DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0610MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:12:36	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	12398	12865	12364	12542	2.23	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-07ADLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0610ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:16:08	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19614	19739	19655	19669	0.32	cps
Antimony	121-1	39306	41178	39106	39863	2.87	cps
Arsenic	75-2	3121	3121	3286	3176	3.00	cps
Barium	135-1	41956	42968	42449	42458	1.19	cps
Barium	137-1	74945	73721	73395	74021	1.10	cps
Beryllium	9-1	10137	9948	9898	9994	1.26	cps
Bismuth	209-1	1106459	1093397	1092406	1097421	0.71	cps
Bismuth	209-2	1193774	1212076	1216896	1207582	1.01	cps
Boron	10-1	1142	1167	1383	1231	10.80	cps
Boron	11-1	5810	6193	6202	6068	3.69	cps
Cadmium	111-1	10021	10472	10409	10300	2.37	cps
Cadmium	106-1	1317	1508	1358	1395	7.23	cps
Cadmium	108-1	721	679	654	685	4.92	cps
Calcium	43-1	30265	30207	29623	30032	1.18	cps
Calcium	44-1	498321	499829	499342	499164	0.15	cps
Chromium	52-2	18472	18455	18382	18436	0.26	cps
Cobalt	59-2	28324	29129	29330	28928	1.84	cps
Copper	63-2	48102	48835	48296	48411	0.78	cps
Dysprosium	156-1	67	25	25	39	61.86	cps
Dysprosium	156-2	27	50	53	43	33.52	cps
Erbium	164-1	83	83	117	94	20.37	cps
Erbium	164-2	93	80	87	87	7.70	cps
Gadolinium	160-1	100	75	25	67	57.28	cps
Gadolinium	160-2	217	193	197	202	6.24	cps
Holmium	165-1	1338649	1342501	1338708	1339953	0.16	cps
Holmium	165-2	1505330	1506568	1519888	1510596	0.53	cps
Indium	115-1	1057197	1052886	1051128	1053737	0.30	cps
Indium	115-2	534472	536853	544569	538631	0.98	cps
Iron	56-2	910667	920784	923921	918457	0.75	cps
Iron	57-2	23280	23709	23074	23354	1.39	cps
Lead	206-1	37075	37074	36490	36880	0.92	cps
Lead	207-1	34607	33777	33153	33845	2.16	cps
Lead	208-1	152443	153099	150711	152084	0.81	cps
Lithium	6-1	285045	283299	281195	283180	0.68	cps
Magnesium	24-2	229868	233399	234999	232755	1.13	cps
Manganese	55-2	38995	38430	38664	38697	0.73	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-07ADLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0610ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:16:08	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	29790	28822	29323	29312	1.65	cps
Molybdenum	95-1	17478	17578	17887	17648	1.21	cps
Molybdenum	96-1	21400	22694	21734	21943	3.06	cps
Molybdenum	97-1	11063	10371	10396	10610	3.70	cps
Molybdenum	98-1	28087	28697	28354	28379	1.08	cps
Neodymium	150-1	60	27	33	40	44.09	cps
Neodymium	150-2	30	67	20	39	63.18	cps
Nickel	60-2	8249	7906	8006	8053	2.19	cps
Phosphorus	31-2	33	58	25	39	44.61	cps
Potassium	39-2	104232	103904	102696	103611	0.78	cps
Rhodium	103-1	1009406	1008467	1002749	1006874	0.36	cps
Rhodium	103-2	794494	805869	808271	802878	0.92	cps
Scandium	45-1	589495	596321	592990	592935	0.58	cps
Scandium	45-2	53430	54092	53921	53814	0.64	cps
Selenium	77-2	73	77	83	78	6.55	cps
Selenium	78-2	370	348	361	360	3.10	cps
Selenium	82-1	613	544	509	555	9.55	cps
Silicon	28-1	525643	527190	522187	525007	0.49	cps
Silver	109-1	48393	51286	50107	49929	2.91	cps
Silver	107-1	52173	51955	51989	52039	0.23	cps
Sodium	23-2	526649	530897	533130	530225	0.62	cps
Strontium	86-1	20231	18863	19272	19455	3.61	cps
Strontium	88-1	169296	173307	172027	171543	1.19	cps
Sulfur	34-1	54551	55705	54183	54813	1.45	cps
Terbium	159-1	1346643	1339950	1340438	1342344	0.28	cps
Terbium	159-2	1483391	1495878	1494904	1491391	0.47	cps
Thallium	203-1	44233	43330	43764	43776	1.03	cps
Thallium	205-1	105870	106334	106802	106335	0.44	cps
Tin	118-1	28497	28355	29257	28703	1.69	cps
Titanium	47-1	4317	4684	5084	4695	8.17	cps
Uranium	238-1	176096	176111	174839	175682	0.42	cps
Vanadium	51-2	14237	14551	14284	14357	1.18	cps
Yttrium	89-1	906150	904863	909920	906978	0.29	cps
Yttrium	89-2	348966	349149	353461	350525	0.73	cps
Zinc	66-2	7986	8192	8119	8099	1.29	cps
Zirconium	90-1	54263	52088	53819	53390	2.15	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-07ADLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0610ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:16:08	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	12447	11947	11638	12011	3.40	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-10DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0617DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:19:40	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	417	300	267	328	24.03	cps
Antimony	121-1	175	308	308	264	29.17	cps
Arsenic	75-2	167	178	185	177	5.28	cps
Barium	135-1	250	333	325	303	15.16	cps
Barium	137-1	258	483	417	386	29.93	cps
Beryllium	9-1	17	11	50	26	81.12	cps
Bismuth	209-1	1116041	1130471	1124538	1123683	0.65	cps
Bismuth	209-2	1228341	1232372	1238954	1233222	0.43	cps
Boron	10-1	300	208	200	236	23.50	cps
Boron	11-1	1125	1358	1258	1247	9.39	cps
Cadmium	111-1	342	261	248	283	18.06	cps
Cadmium	106-1	475	367	342	394	17.97	cps
Cadmium	108-1	4	0	0	1	173.21	cps
Calcium	43-1	742	817	883	814	8.71	cps
Calcium	44-1	13640	14041	14174	13952	1.99	cps
Chromium	52-2	1793	1770	1710	1758	2.45	cps
Cobalt	59-2	40	37	33	37	9.10	cps
Copper	63-2	653	717	633	668	6.52	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	67	58	33	53	32.88	cps
Erbium	164-2	23	7	13	14	58.06	cps
Gadolinium	160-1	25	33	42	33	25.01	cps
Gadolinium	160-2	183	120	173	159	21.43	cps
Holmium	165-1	1338834	1349473	1352848	1347052	0.54	cps
Holmium	165-2	1509753	1509023	1522103	1513626	0.49	cps
Indium	115-1	1062182	1062230	1066556	1063656	0.24	cps
Indium	115-2	539937	547628	543620	543728	0.71	cps
Iron	56-2	21277	21694	22167	21713	2.05	cps
Iron	57-2	567	494	528	530	6.82	cps
Lead	206-1	217	283	289	263	15.29	cps
Lead	207-1	272	289	228	263	12.01	cps
Lead	208-1	1139	1228	1100	1156	5.67	cps
Lithium	6-1	284096	282608	287641	284782	0.91	cps
Magnesium	24-2	5451	5318	5651	5473	3.07	cps
Manganese	55-2	403	433	340	392	12.15	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-10DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0617DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:19:40	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	192	208	200	200	4.16	cps
Molybdenum	95-1	142	158	183	161	13.02	cps
Molybdenum	96-1	167	150	192	169	12.38	cps
Molybdenum	97-1	42	67	83	64	32.83	cps
Molybdenum	98-1	233	267	292	264	11.09	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	13	7	0	7	99.98	cps
Nickel	60-2	297	327	413	346	17.53	cps
Phosphorus	31-2	17	17	50	28	69.27	cps
Potassium	39-2	46265	46282	46566	46371	0.36	cps
Rhodium	103-1	1019206	1014340	1026760	1020102	0.61	cps
Rhodium	103-2	808703	814594	806214	809837	0.53	cps
Scandium	45-1	599105	594139	603842	599029	0.81	cps
Scandium	45-2	53781	54252	54463	54165	0.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	76	80	98	85	14.08	cps
Selenium	82-1	46	19	30	32	42.91	cps
Silicon	28-1	274349	274703	278430	275827	0.82	cps
Silver	109-1	108	275	83	156	66.98	cps
Silver	107-1	200	167	125	164	22.93	cps
Sodium	23-2	651001	653736	653740	652826	0.24	cps
Strontium	86-1	1275	1225	1492	1331	10.65	cps
Strontium	88-1	10404	10838	10679	10641	2.06	cps
Sulfur	34-1	60080	60976	60575	60544	0.74	cps
Terbium	159-1	1354132	1350382	1363089	1355868	0.48	cps
Terbium	159-2	1484408	1495674	1495940	1492007	0.44	cps
Thallium	203-1	50	83	83	72	26.65	cps
Thallium	205-1	225	175	150	183	20.83	cps
Tin	118-1	267	217	183	222	18.88	cps
Titanium	47-1	50	108	83	81	36.33	cps
Uranium	238-1	1025	1025	1033	1028	0.47	cps
Vanadium	51-2	117	83	87	96	19.21	cps
Yttrium	89-1	918042	910532	913323	913965	0.42	cps
Yttrium	89-2	348447	350826	351091	350121	0.42	cps
Zinc	66-2	473	430	460	454	4.88	cps
Zirconium	90-1	333	375	242	317	21.54	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-10DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0617DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:19:40	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	117	75	86	31.11	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-11DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0591DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:23:12	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	17	100	64	66.93	cps
Antimony	121-1	225	92	150	156	42.97	cps
Arsenic	75-2	289	256	302	282	8.47	cps
Barium	135-1	192	150	108	150	27.78	cps
Barium	137-1	350	350	267	322	14.93	cps
Beryllium	9-1	39	11	11	20	78.74	cps
Bismuth	209-1	1117023	1126437	1120422	1121294	0.43	cps
Bismuth	209-2	1233151	1230633	1239322	1234369	0.36	cps
Boron	10-1	242	283	167	231	25.64	cps
Boron	11-1	1050	1150	942	1047	9.95	cps
Cadmium	111-1	264	246	226	245	7.74	cps
Cadmium	106-1	375	350	317	347	8.43	cps
Cadmium	108-1	4	4	0	3	86.60	cps
Calcium	43-1	5551	5793	5393	5579	3.61	cps
Calcium	44-1	96456	93647	95928	95343	1.57	cps
Chromium	52-2	1290	1357	1450	1366	5.89	cps
Cobalt	59-2	80	37	40	52	46.17	cps
Copper	63-2	547	553	493	531	6.19	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	17	33	33	50.00	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	50	67	33	50	33.33	cps
Gadolinium	160-2	147	117	140	134	11.72	cps
Holmium	165-1	1340601	1343445	1333595	1339214	0.38	cps
Holmium	165-2	1520976	1512053	1517593	1516874	0.30	cps
Indium	115-1	1070688	1062316	1066733	1066579	0.39	cps
Indium	115-2	546756	544363	545222	545447	0.22	cps
Iron	56-2	11421	12361	12139	11974	4.10	cps
Iron	57-2	311	322	361	331	7.92	cps
Lead	206-1	278	222	183	228	20.84	cps
Lead	207-1	189	167	194	183	8.02	cps
Lead	208-1	1045	1000	878	974	8.86	cps
Lithium	6-1	284553	281727	282142	282808	0.54	cps
Magnesium	24-2	24304	24053	24922	24426	1.83	cps
Manganese	55-2	1227	1110	1197	1178	5.14	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-11DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0591DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:23:12	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	117	183	158	153	22.04	cps
Molybdenum	95-1	67	67	133	89	43.30	cps
Molybdenum	96-1	150	142	142	144	3.33	cps
Molybdenum	97-1	125	42	133	100	50.69	cps
Molybdenum	98-1	117	192	175	161	24.45	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	420	473	447	447	5.97	cps
Phosphorus	31-2	25	42	25	31	31.50	cps
Potassium	39-2	26124	25932	25815	25957	0.60	cps
Rhodium	103-1	1022881	1019797	1022291	1021656	0.16	cps
Rhodium	103-2	810028	805032	812273	809111	0.46	cps
Scandium	45-1	597290	595467	597554	596770	0.19	cps
Scandium	45-2	53550	53791	54624	53988	1.04	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	67	89	89	81	15.74	cps
Selenium	82-1	17	1	16	11	76.40	cps
Silicon	28-1	307702	313566	304887	308718	1.43	cps
Silver	109-1	183	200	200	194	4.95	cps
Silver	107-1	158	200	175	178	11.80	cps
Sodium	23-2	371540	371145	371383	371356	0.05	cps
Strontium	86-1	4559	4251	4268	4359	3.98	cps
Strontium	88-1	36757	36331	35946	36345	1.12	cps
Sulfur	34-1	59837	57914	57897	58549	1.91	cps
Terbium	159-1	1339772	1354292	1348079	1347381	0.54	cps
Terbium	159-2	1491142	1495928	1498675	1495248	0.25	cps
Thallium	203-1	17	50	25	31	56.77	cps
Thallium	205-1	67	92	42	67	37.50	cps
Tin	118-1	233	183	192	203	13.21	cps
Titanium	47-1	33	42	0	25	88.19	cps
Uranium	238-1	508	417	400	442	13.21	cps
Vanadium	51-2	47	30	47	41	23.41	cps
Yttrium	89-1	916624	919002	917885	917837	0.13	cps
Yttrium	89-2	352063	349542	349875	350494	0.39	cps
Zinc	66-2	343	287	287	306	10.71	cps
Zirconium	90-1	183	142	250	192	28.51	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-11DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0591DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:23:12	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	25	17	42	28	45.82	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-12DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0592DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:26:44	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	92	58	72	24.02	cps
Antimony	121-1	92	125	167	128	29.41	cps
Arsenic	75-2	224	280	309	271	15.96	cps
Barium	135-1	225	175	183	194	13.78	cps
Barium	137-1	267	325	300	297	9.85	cps
Beryllium	9-1	28	28	11	22	43.31	cps
Bismuth	209-1	1106760	1112241	1117110	1112037	0.47	cps
Bismuth	209-2	1233560	1230023	1234752	1232778	0.20	cps
Boron	10-1	175	208	133	172	21.82	cps
Boron	11-1	1000	1258	1017	1092	13.24	cps
Cadmium	111-1	287	296	372	318	14.62	cps
Cadmium	106-1	408	417	525	450	14.46	cps
Cadmium	108-1	4	0	0	1	173.21	cps
Calcium	43-1	5551	5176	5226	5318	3.83	cps
Calcium	44-1	92716	93354	91853	92641	0.81	cps
Chromium	52-2	1327	1253	1387	1322	5.05	cps
Cobalt	59-2	43	57	53	51	13.58	cps
Copper	63-2	510	533	587	543	7.23	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	42	17	8	22	78.07	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	33	33	58	42	34.65	cps
Gadolinium	160-2	120	120	183	141	25.91	cps
Holmium	165-1	1329948	1324574	1348214	1334245	0.93	cps
Holmium	165-2	1512220	1512328	1513079	1512542	0.03	cps
Indium	115-1	1064040	1051923	1058522	1058162	0.57	cps
Indium	115-2	539813	541299	543541	541551	0.35	cps
Iron	56-2	11160	11394	11160	11238	1.20	cps
Iron	57-2	367	289	306	320	12.78	cps
Lead	206-1	211	261	283	252	14.69	cps
Lead	207-1	239	233	122	198	33.21	cps
Lead	208-1	1078	1078	900	1019	10.08	cps
Lithium	6-1	283208	283797	280726	282577	0.58	cps
Magnesium	24-2	23786	24905	23828	24173	2.62	cps
Manganese	55-2	1017	1083	1083	1061	3.63	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-12DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0592DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:26:44	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	142	117	117	125	11.55	cps
Molybdenum	95-1	67	133	50	83	52.92	cps
Molybdenum	96-1	58	83	108	83	30.00	cps
Molybdenum	97-1	58	75	58	64	15.05	cps
Molybdenum	98-1	133	100	92	108	20.35	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	333	363	360	352	4.67	cps
Phosphorus	31-2	25	8	33	22	57.29	cps
Potassium	39-2	24329	24821	26207	25119	3.88	cps
Rhodium	103-1	1020361	1012016	1027884	1020087	0.78	cps
Rhodium	103-2	809580	807899	806757	808079	0.18	cps
Scandium	45-1	590238	593860	595243	593114	0.44	cps
Scandium	45-2	54386	53938	53359	53894	0.96	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	65	67	70	67	4.20	cps
Selenium	82-1	48	52	0	33	86.74	cps
Silicon	28-1	303445	306639	305183	305089	0.52	cps
Silver	109-1	117	142	158	139	15.10	cps
Silver	107-1	150	175	142	156	11.15	cps
Sodium	23-2	357152	361632	361725	360170	0.73	cps
Strontium	86-1	3809	3659	3584	3684	3.11	cps
Strontium	88-1	31461	31978	31310	31583	1.11	cps
Sulfur	34-1	59327	60498	59737	59854	0.99	cps
Terbium	159-1	1336903	1342530	1339507	1339647	0.21	cps
Terbium	159-2	1491554	1488771	1493779	1491368	0.17	cps
Thallium	203-1	17	42	50	36	48.03	cps
Thallium	205-1	42	67	133	81	58.82	cps
Tin	118-1	217	100	158	158	36.84	cps
Titanium	47-1	17	50	58	42	52.91	cps
Uranium	238-1	425	400	483	436	9.81	cps
Vanadium	51-2	27	50	43	40	30.04	cps
Yttrium	89-1	913578	910048	913714	912447	0.23	cps
Yttrium	89-2	349801	349963	351091	350285	0.20	cps
Zinc	66-2	320	280	283	294	7.54	cps
Zirconium	90-1	225	158	275	219	26.68	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-12DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-0592DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:26:44	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	25	8	17	17	50.01	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-13DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-EB-2017-2DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:30:16	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	67	67	64	7.53	cps
Antimony	121-1	50	67	58	58	14.29	cps
Arsenic	75-2	4	0	4	2	86.60	cps
Barium	135-1	58	50	58	56	8.67	cps
Barium	137-1	75	92	67	78	16.37	cps
Beryllium	9-1	22	33	11	22	50.00	cps
Bismuth	209-1	1101914	1086291	1092423	1093543	0.72	cps
Bismuth	209-2	1208616	1230448	1239788	1226284	1.30	cps
Boron	10-1	92	150	117	119	24.50	cps
Boron	11-1	342	358	367	356	3.58	cps
Cadmium	111-1	290	355	238	294	20.01	cps
Cadmium	106-1	408	483	333	408	18.37	cps
Cadmium	108-1	0	0	0	0	0.00	cps
Calcium	43-1	142	158	133	144	8.81	cps
Calcium	44-1	3326	3434	3584	3448	3.76	cps
Chromium	52-2	487	450	430	456	6.31	cps
Cobalt	59-2	17	27	20	21	24.12	cps
Copper	63-2	390	313	363	356	10.95	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	25	8	17	50.01	cps
Erbium	164-2	10	0	0	3	173.21	cps
Gadolinium	160-1	25	33	50	36	35.25	cps
Gadolinium	160-2	133	147	170	150	12.37	cps
Holmium	165-1	1321430	1316387	1312534	1316784	0.34	cps
Holmium	165-2	1499207	1516194	1511322	1508908	0.58	cps
Indium	115-1	1042172	1036213	1030472	1036285	0.56	cps
Indium	115-2	541145	542738	546250	543378	0.48	cps
Iron	56-2	2461	2422	2500	2461	1.58	cps
Iron	57-2	111	44	61	72	48.03	cps
Lead	206-1	367	344	356	356	3.12	cps
Lead	207-1	328	467	383	393	17.81	cps
Lead	208-1	1595	1595	1633	1607	1.40	cps
Lithium	6-1	275083	274372	272608	274021	0.47	cps
Magnesium	24-2	217	183	258	219	17.13	cps
Manganese	55-2	97	107	77	93	16.37	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-13DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-EB-2017-2DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:30:16	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	25	83	75	61	51.63	cps
Molybdenum	95-1	17	17	67	33	86.59	cps
Molybdenum	96-1	42	42	42	42	0.00	cps
Molybdenum	97-1	0	8	25	11	114.58	cps
Molybdenum	98-1	17	25	50	31	56.77	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	17	40	37	31	40.56	cps
Phosphorus	31-2	58	50	17	42	52.91	cps
Potassium	39-2	12047	10871	11497	11472	5.13	cps
Rhodium	103-1	1011543	996294	999975	1002604	0.79	cps
Rhodium	103-2	805869	816300	816839	813003	0.76	cps
Scandium	45-1	589882	592320	589738	590647	0.25	cps
Scandium	45-2	54717	53874	54908	54500	1.01	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	67	69	91	75	17.79	cps
Selenium	82-1	31	9	42	27	62.51	cps
Silicon	28-1	62306	63577	62557	62813	1.07	cps
Silver	109-1	67	92	50	69	30.20	cps
Silver	107-1	50	67	33	50	33.34	cps
Sodium	23-2	7602	7669	7636	7636	0.44	cps
Strontium	86-1	142	158	183	161	13.01	cps
Strontium	88-1	150	175	192	172	12.18	cps
Sulfur	34-1	53598	53388	51825	52937	1.83	cps
Terbium	159-1	1334449	1320792	1310256	1321832	0.92	cps
Terbium	159-2	1476519	1498522	1491055	1488699	0.75	cps
Thallium	203-1	42	42	83	56	43.30	cps
Thallium	205-1	92	100	142	111	24.11	cps
Tin	118-1	142	175	167	161	10.77	cps
Titanium	47-1	33	17	50	33	50.00	cps
Uranium	238-1	75	58	58	64	15.05	cps
Vanadium	51-2	30	13	3	16	86.63	cps
Yttrium	89-1	902516	890884	891715	895038	0.73	cps
Yttrium	89-2	349655	351821	351679	351052	0.35	cps
Zinc	66-2	383	410	447	413	7.69	cps
Zirconium	90-1	125	142	158	142	11.76	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	I5469-13DLX20	Instrumnet Name :	P7
Client Sample ID :	S32-EB-2017-2DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-09 20:30:16	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	33	17	25	25	33.32	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P7
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 20:46:24	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1917436	1925566	1908790	1917264	0.44	cps
Antimony	121-1	695285	695591	708197	699691	1.05	cps
Arsenic	75-2	53249	53312	53479	53347	0.22	cps
Barium	135-1	772754	779715	777743	776737	0.46	cps
Barium	137-1	1343032	1359231	1363046	1355103	0.78	cps
Beryllium	9-1	181520	180287	178573	180127	0.82	cps
Bismuth	209-1	960049	964743	967120	963971	0.37	cps
Bismuth	209-2	1094692	1101388	1102033	1099371	0.37	cps
Boron	10-1	20640	20548	20456	20548	0.45	cps
Boron	11-1	95913	98018	99560	97830	1.87	cps
Cadmium	111-1	167886	168463	170917	169089	0.95	cps
Cadmium	106-1	16719	17520	17278	17172	2.39	cps
Cadmium	108-1	12126	12201	11843	12057	1.57	cps
Calcium	43-1	827665	826852	822265	825594	0.35	cps
Calcium	44-1	14003166	14109124	14278186	14130159	0.98	cps
Chromium	52-2	340344	337969	339530	339281	0.36	cps
Cobalt	59-2	542048	541997	540083	541376	0.21	cps
Copper	63-2	773848	772770	769602	772073	0.29	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	47	20	23	30	48.44	cps
Erbium	164-1	17	17	42	25	57.73	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	33	33	33	33	0.00	cps
Gadolinium	160-2	157	180	160	166	7.62	cps
Holmium	165-1	1219691	1233660	1223362	1225571	0.59	cps
Holmium	165-2	1455896	1461271	1456344	1457837	0.20	cps
Indium	115-1	926238	931144	935565	930982	0.50	cps
Indium	115-2	513257	510516	510936	511570	0.29	cps
Iron	56-2	84329294	83207546	83549135	83695325	0.69	cps
Iron	57-2	2061702	2061558	2064182	2062480	0.07	cps
Lead	206-1	619652	622317	622668	621546	0.27	cps
Lead	207-1	571710	572135	575402	573082	0.35	cps
Lead	208-1	2568625	2578739	2573617	2573660	0.20	cps
Lithium	6-1	259620	259088	256258	258322	0.70	cps
Magnesium	24-2	13505474	13612704	13653937	13590705	0.56	cps
Manganese	55-2	530488	531202	531535	531075	0.10	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P7
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 20:46:24	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	570230	568642	569442	569438	0.14	cps
Molybdenum	95-1	323191	322005	317458	320885	0.94	cps
Molybdenum	96-1	408199	407919	406130	407416	0.28	cps
Molybdenum	97-1	202955	205315	201539	203270	0.94	cps
Molybdenum	98-1	531401	524592	530361	528785	0.69	cps
Neodymium	150-1	100	60	47	69	40.29	cps
Neodymium	150-2	17	47	37	33	45.82	cps
Nickel	60-2	145960	144020	143679	144553	0.85	cps
Phosphorus	31-2	20072	21575	21675	21107	4.25	cps
Potassium	39-2	7793785	7798730	7854908	7815808	0.43	cps
Rhodium	103-1	873161	870097	881765	875008	0.69	cps
Rhodium	103-2	742652	739073	740718	740815	0.24	cps
Scandium	45-1	567296	565397	566937	566544	0.18	cps
Scandium	45-2	57669	57270	56752	57230	0.80	cps
Selenium	77-2	1383	1513	1580	1492	6.70	cps
Selenium	78-2	5047	4882	4953	4961	1.67	cps
Selenium	82-1	9172	9240	9217	9210	0.38	cps
Silicon	28-1	598538	608016	614740	607098	1.34	cps
Silver	109-1	802265	811211	805646	806374	0.56	cps
Silver	107-1	852329	855101	850429	852620	0.28	cps
Sodium	23-2	20861448	20740120	20949817	20850462	0.50	cps
Strontium	86-1	173475	174900	176164	174846	0.77	cps
Strontium	88-1	1528514	1546626	1530344	1535161	0.65	cps
Sulfur	34-1	105842	108713	108746	107767	1.55	cps
Terbium	159-1	1216959	1217512	1221489	1218653	0.20	cps
Terbium	159-2	1440180	1431288	1436441	1435970	0.31	cps
Thallium	203-1	756838	772457	760702	763332	1.07	cps
Thallium	205-1	1843053	1858865	1836716	1846211	0.62	cps
Tin	118-1	524895	520018	524386	523100	0.51	cps
Titanium	47-1	92676	94949	92985	93537	1.32	cps
Uranium	238-1	3326909	3365981	3347495	3346795	0.58	cps
Vanadium	51-2	287068	289570	289384	288674	0.48	cps
Yttrium	89-1	830811	840148	827434	832798	0.79	cps
Yttrium	89-2	352657	351644	350671	351657	0.28	cps
Zinc	66-2	135178	134903	135852	135311	0.36	cps
Zirconium	90-1	1034619	1036352	1022996	1031322	0.70	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P7
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 20:46:24	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	237532	229603	229114	232083	2.04	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P7
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 20:49:55	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	83	75	100	36.32	cps
Antimony	121-1	2250	1917	1900	2022	9.76	cps
Arsenic	75-2	7	17	26	17	55.55	cps
Barium	135-1	75	83	33	64	41.93	cps
Barium	137-1	108	50	108	89	37.89	cps
Beryllium	9-1	56	39	33	43	27.16	cps
Bismuth	209-1	1025399	1034852	1026911	1029054	0.49	cps
Bismuth	209-2	1174600	1159161	1165235	1166332	0.67	cps
Boron	10-1	367	308	308	328	10.28	cps
Boron	11-1	1683	1317	1425	1475	12.77	cps
Cadmium	111-1	286	308	315	303	4.91	cps
Cadmium	106-1	383	417	442	414	7.07	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Calcium	43-1	100	100	83	94	10.18	cps
Calcium	44-1	2725	3050	2675	2817	7.23	cps
Chromium	52-2	483	513	463	487	5.17	cps
Cobalt	59-2	27	7	43	26	71.82	cps
Copper	63-2	300	337	243	293	16.03	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	25	8	14	69.31	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	42	50	17	36	48.03	cps
Gadolinium	160-2	153	150	150	151	1.28	cps
Holmium	165-1	1203131	1216728	1210733	1210197	0.56	cps
Holmium	165-2	1437213	1447165	1430113	1438164	0.60	cps
Indium	115-1	966378	984598	970427	973801	0.98	cps
Indium	115-2	532308	530969	530420	531233	0.18	cps
Iron	56-2	4556	4456	4401	4471	1.76	cps
Iron	57-2	189	133	100	141	31.91	cps
Lead	206-1	389	378	289	352	15.58	cps
Lead	207-1	328	267	306	300	10.31	cps
Lead	208-1	1539	1600	1411	1517	6.36	cps
Lithium	6-1	266956	269462	271907	269442	0.92	cps
Magnesium	24-2	475	408	467	450	8.07	cps
Manganese	55-2	50	57	43	50	13.34	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P7
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 20:49:55	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	258	317	367	314	17.27	cps
Molybdenum	95-1	350	233	208	264	28.65	cps
Molybdenum	96-1	383	350	333	356	7.16	cps
Molybdenum	97-1	183	217	167	189	13.48	cps
Molybdenum	98-1	642	533	558	578	9.82	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	30	13	23	22	37.76	cps
Phosphorus	31-2	50	8	33	31	68.64	cps
Potassium	39-2	16018	15592	16485	16032	2.79	cps
Rhodium	103-1	937662	944466	939786	940638	0.37	cps
Rhodium	103-2	786314	786104	780359	784259	0.43	cps
Scandium	45-1	559446	565082	562619	562382	0.50	cps
Scandium	45-2	54119	54092	54724	54312	0.66	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	91	87	87	88	2.42	cps
Selenium	82-1	12	43	28	28	56.13	cps
Silicon	28-1	41575	43004	41609	42063	1.94	cps
Silver	109-1	108	133	125	122	10.41	cps
Silver	107-1	100	117	117	111	8.66	cps
Sodium	23-2	13298	12347	12531	12725	3.96	cps
Strontium	86-1	142	92	108	114	22.35	cps
Strontium	88-1	133	133	158	142	10.19	cps
Sulfur	34-1	52251	53556	54735	53514	2.32	cps
Terbium	159-1	1207711	1229037	1214420	1217056	0.90	cps
Terbium	159-2	1421559	1424751	1411972	1419427	0.47	cps
Thallium	203-1	392	367	325	361	9.33	cps
Thallium	205-1	825	667	783	758	10.82	cps
Tin	118-1	517	525	483	508	4.34	cps
Titanium	47-1	58	50	8	39	68.89	cps
Uranium	238-1	258	250	192	233	15.57	cps
Vanadium	51-2	7	17	13	12	41.65	cps
Yttrium	89-1	838048	842413	836756	839072	0.35	cps
Yttrium	89-2	346432	349203	344322	346652	0.71	cps
Zinc	66-2	117	143	137	132	10.50	cps
Zirconium	90-1	467	383	383	411	11.70	cps

LB Number :	LB90717	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P7
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2017-10-09 20:49:55	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	67	92	103	41.61	cps