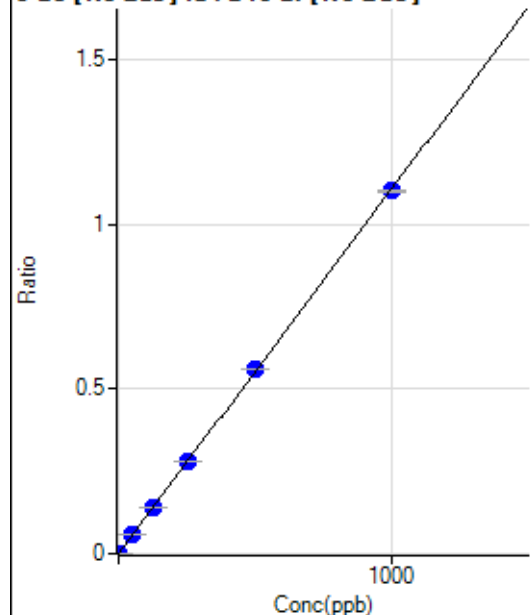


Calibration for 006CALS.d

Batch Folder: D:\P8041818-MS .bb\
 Analysis File: P8041818-MS .batch.bin
 DA Date-Time: 2018-04-19 11:26:38
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-04-18 16:12:19
2			
3	005CALS.d	S02	2018-04-18 16:19:45
4	006CALS.d	S03	2018-04-18 16:23:43
5	007CALS.d	S04	2018-04-18 16:27:29
6	008CALS.d	S05	2018-04-18 16:31:10
7	009CALS.d	S06	2018-04-18 16:34:47
8	010CALS.d	S07	2018-04-18 16:38:19
9	011CALS.d	S08	2018-04-18 16:41:48

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0001	P	9.9
2	☐	0.100					
3	☐	1.000	0.963	644.48	0.0012	P	5.8
4	☐	50.000	50.337	30898.45	0.0558	P	1.0
5	☐	125.000	125.611	77387.21	0.1389	P	0.6
6	☐	250.000	253.053	154747.05	0.2798	P	0.4
7	☐	500.000	507.164	305719.29	0.5606	P	0.3
8	☐	1000.000	995.561	593463.07	1.1004	P	0.4
9	☐			629.66	0.0011	P	1.1

$$y = 0.0011 * x + 1.1835E-004$$

$$R = 1.0000$$

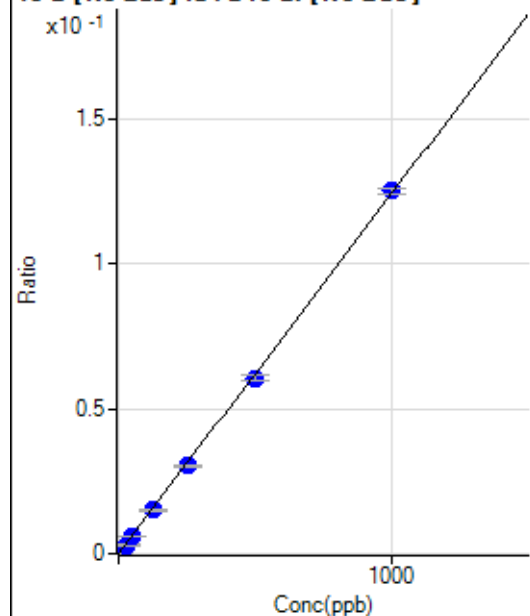
$$DL = 0.03169$$

$$BEC = 0.1071$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0001	P	68.0
2	☐	2.500					
3	☐	25.000	22.620	1569.60	0.0029	P	11.1
4	☐	50.000	46.532	3239.39	0.0058	P	2.4
5	☐	125.000	120.213	8344.39	0.0150	P	1.6
6	☐	250.000	243.139	16715.91	0.0302	P	3.1
7	☐	500.000	488.469	33072.20	0.0606	P	2.5
8	☐	1000.000	1008.312	67473.41	0.1251	P	1.8
9	☐			2983.78	0.0054	P	12.8

$$y = 1.2401E-004 * x + 7.4176E-005$$

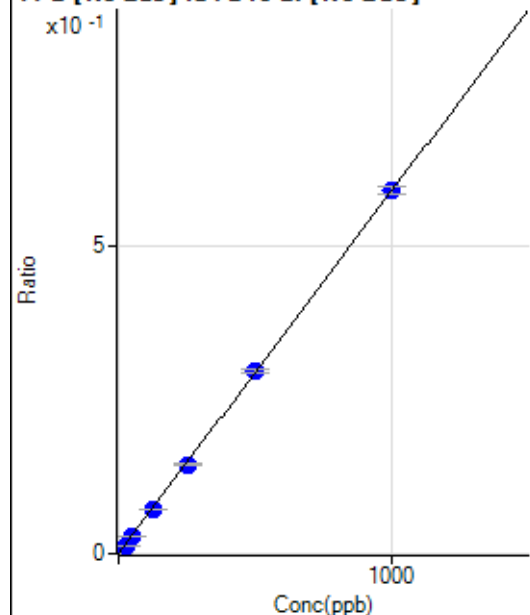
$$R = 0.9999$$

$$DL = 1.22$$

$$BEC = 0.5981$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	225.01	0.0004	P	5.2
2	☐	2.500					
3	☐	25.000	22.444	7457.83	0.0137	P	5.3
4	☐	50.000	48.612	16140.25	0.0291	P	2.1
5	☐	125.000	120.691	39906.23	0.0716	P	2.0
6	☐	250.000	245.188	80249.92	0.1451	P	3.1
7	☐	500.000	502.244	161839.41	0.2968	P	2.1
8	☐	1000.000	1000.753	318680.83	0.5909	P	2.0
9	☐			15044.62	0.0272	P	8.2

$$y = 5.9005\text{E-}004 * x + 4.3567\text{E-}004$$

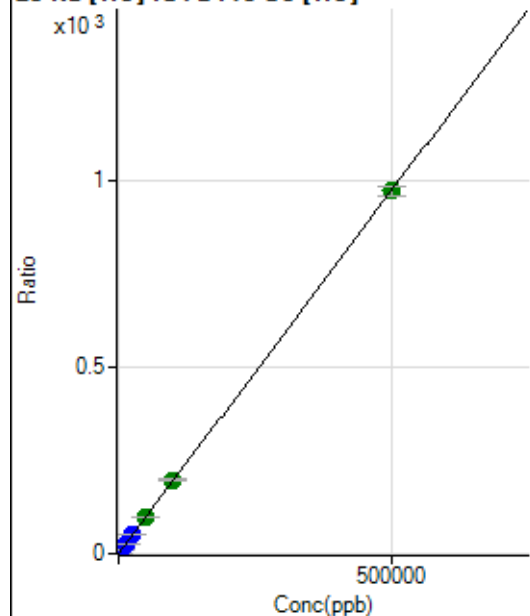
$$R = 1.0000$$

$$DL = 0.1154$$

$$BEC = 0.7384$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2722.61	0.1267	P	2.4
2	☐	50.000					
3	☐	500.000	469.353	21887.02	1.0415	P	2.1
4	☐	5000.000	5101.379	202716.16	10.0699	P	1.5
5	☐	12500.000	12869.670	501437.62	25.2113	P	1.6
6	☐	25000.000	25602.075	1012986.88	50.0283	P	3.2
7	☐	50000.000	51202.839	2047101.87	99.9274	A	1.3
8	☐	100000.00	100900.74	3807074.13	196.7948	A	2.3
9	☐	500000.00	499659.23	19524920.5	974.0248	A	2.6

$$y = 0.0019 * x + 0.1267$$

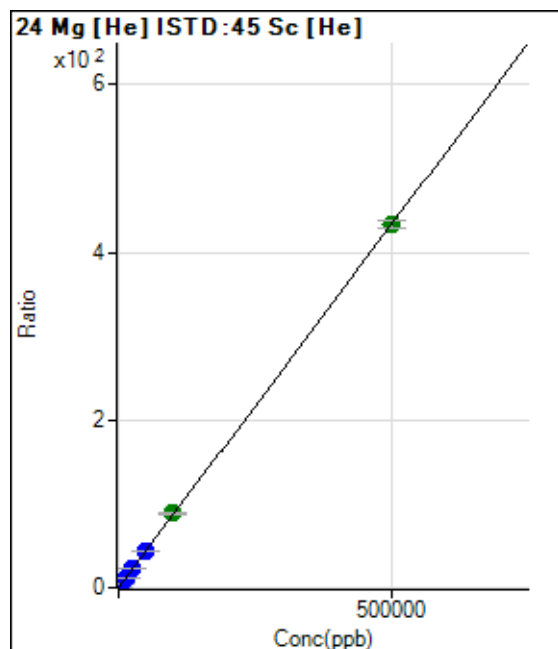
$$R = 1.0000$$

$$DL = 4.646$$

$$BEC = 65$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1341.80	0.0624	P	3.0
2	☐	50.000					
3	☐	500.000	461.820	9720.43	0.4623	P	4.8
4	☐	5000.000	5115.290	90425.46	4.4916	P	1.2
5	☐	12500.000	13139.969	227537.35	11.4400	P	1.6
6	☐	25000.000	25810.753	453833.88	22.4113	P	2.8
7	☐	50000.000	50354.056	894411.93	43.6628	P	1.9
8	☐	100000.00	102439.45	1717164.82	88.7623	A	2.7
9	☐	500000.00	499419.05	8669944.73	432.4974	A	2.3

$$y = 8.6588\text{E-}004 * x + 0.0624$$

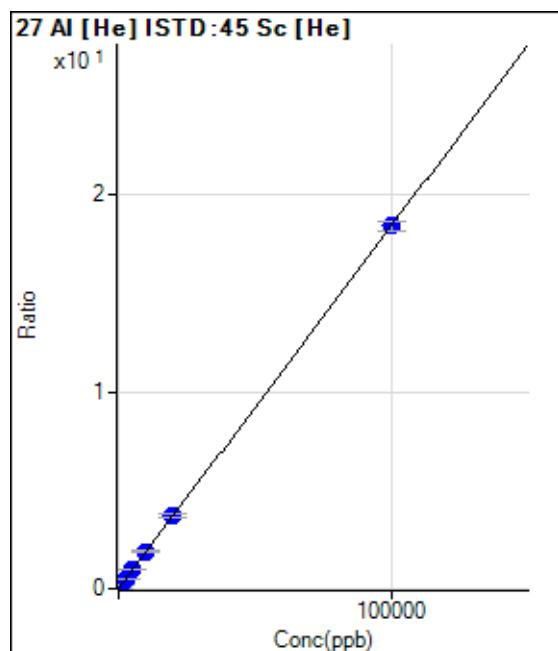
$$R = 1.0000$$

$$DL = 6.592$$

$$BEC = 72.09$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0006	P	68.0
2	☐	2.000					
3	☐	20.000	20.955	94.45	0.0045	P	38.1
4	☐	1000.000	1001.896	3731.23	0.1854	P	5.7
5	☐	2500.000	2613.112	9600.90	0.4825	P	2.3
6	☐	5000.000	5184.571	19369.53	0.9567	P	4.0
7	☐	10000.000	10265.535	38790.36	1.8937	P	2.2
8	☐	20000.000	20052.598	71530.76	3.6985	P	4.2
9	☐	100000.00	99950.852	369483.45	18.4325	P	2.8

$$y = 1.8441\text{E-}004 * x + 6.4255\text{E-}004$$

$$R = 1.0000$$

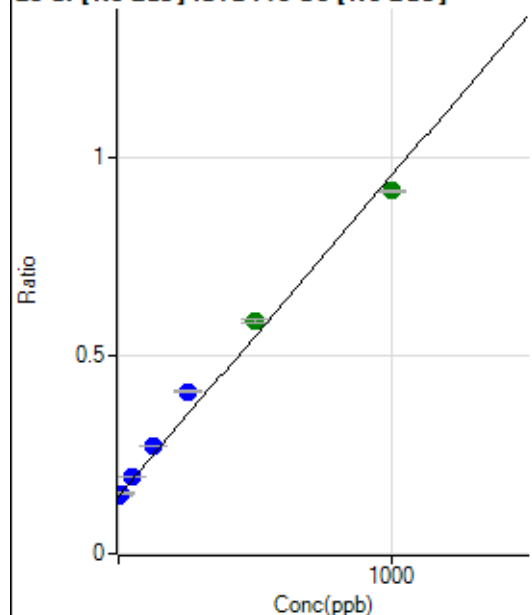
$$DL = 7.104$$

$$BEC = 3.484$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	332406.49	0.1460	P	3.0
2	☐	1.000					
3	☐	10.000	7.761	357887.78	0.1523	P	1.0
4	☐	50.000	58.038	451475.56	0.1929	P	0.6
5	☐	125.000	157.197	635252.20	0.2731	P	0.4
6	☐	250.000	326.581	967120.99	0.4100	P	1.7
7	☐	500.000	547.910	1394513.24	0.5888	A	1.6
8	☐	1000.000	952.496	2148124.38	0.9158	A	0.3
9	☐			484967.49	0.2101	P	1.6

$$y = 8.0817\text{E-}004 * x + 0.1460$$

$$R = 0.9943$$

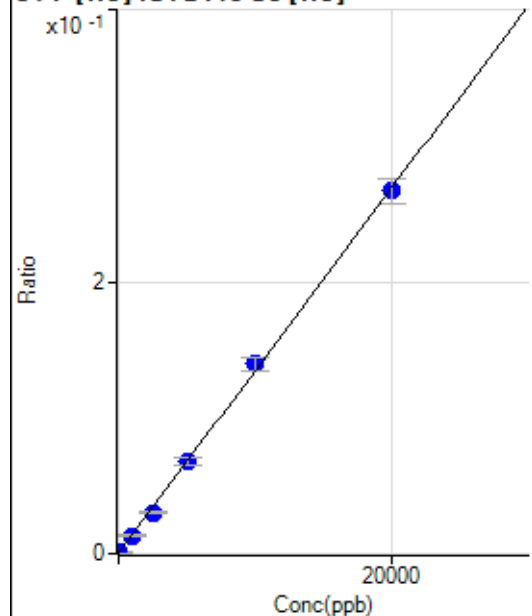
$$DL = 16.18$$

$$BEC = 180.7$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	24.247	16.67	0.0008	P	86.6
2	☐	0.000					
3	☐	0.000	-24.247	2.78	0.0001	P	173.
4	☐	1000.000	931.467	261.12	0.0130	P	11.3
5	☐	2500.000	2191.925	594.49	0.0299	P	4.8
6	☐	5000.000	5009.002	1369.57	0.0677	P	9.2
7	☐	10000.000	10373.860	2861.54	0.1397	P	6.8
8	☐	20000.000	19852.756	5162.27	0.2670	P	6.9
9	☐			2.78	0.0001	P	173.

$$y = 1.3427\text{E-}005 * x + 4.5565\text{E-}004$$

$$R = 0.9996$$

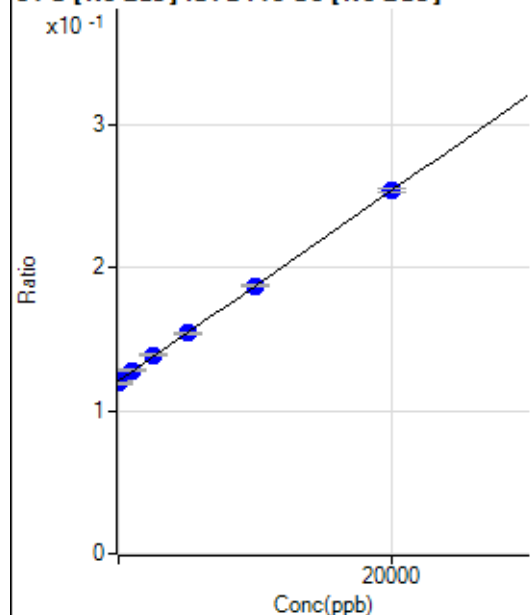
$$DL = 100.8$$

$$BEC = 33.94$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	205.978	278028.17	0.1221	P	2.9
2	☐	0.000					
3	☐	0.000	-205.978	280569.37	0.1194	P	0.8
4	☐	1000.000	1095.909	299681.26	0.1281	P	0.8
5	☐	2500.000	2707.209	322879.09	0.1388	P	1.0
6	☐	5000.000	5029.810	363938.57	0.1543	P	0.7
7	☐	10000.000	10018.365	444032.08	0.1875	P	1.0
8	☐	20000.000	19952.668	594949.05	0.2536	P	1.0
9	☐			263381.24	0.1141	P	1.5

$$y = 6.6596E-006 * x + 0.1208$$

$$R = 0.9998$$

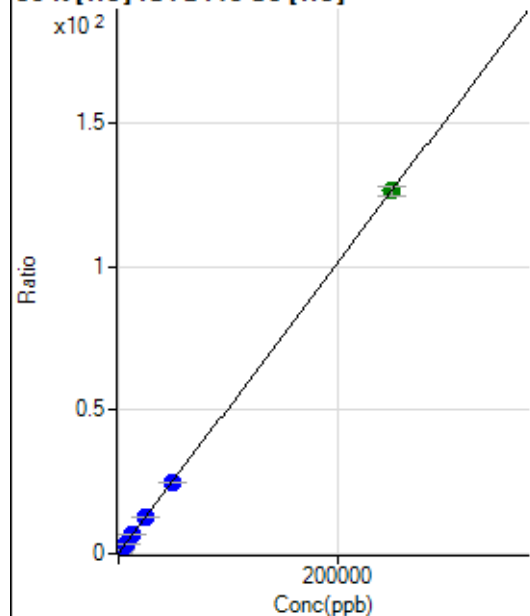
$$DL = 1021$$

$$BEC = 1.813E+04$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2283.62	0.1063	P	0.9
2	☐	50.000					
3	☐	500.000	460.494	7124.35	0.3390	P	0.9
4	☐	2500.000	2498.054	27558.45	1.3687	P	1.7
5	☐	6250.000	6470.143	67138.57	3.3761	P	2.8
6	☐	12500.000	12810.099	133245.00	6.5801	P	3.2
7	☐	25000.000	24725.579	258164.82	12.6018	P	1.0
8	☐	50000.000	48989.877	481105.60	24.8642	P	1.0
9	☐	250000.00	250208.55	2536911.54	126.5535	A	2.3

$$y = 5.0537E-004 * x + 0.1063$$

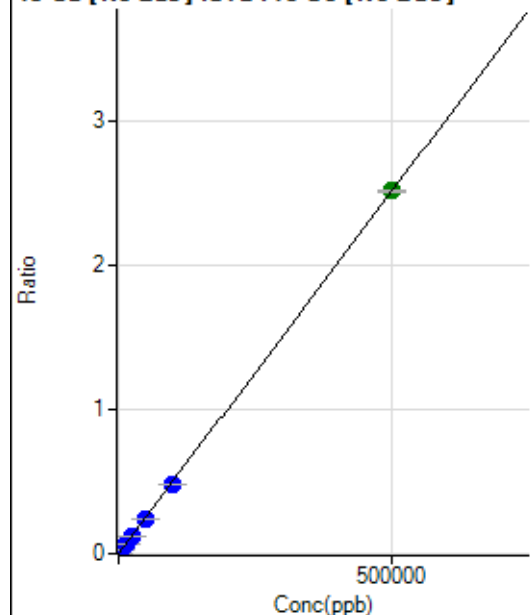
$$R = 1.0000$$

$$DL = 5.827$$

$$BEC = 210.3$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	891.74	0.0004	P	9.6
2	☐	50.000					
3	☐	500.000	427.636	5970.98	0.0025	P	3.8
4	☐	5000.000	4857.518	58012.37	0.0248	P	1.9
5	☐	12500.000	12061.279	141855.52	0.0610	P	0.7
6	☐	25000.000	24241.206	288190.95	0.1222	P	1.1
7	☐	50000.000	48555.701	578574.02	0.2443	P	1.0
8	☐	100000.00	96003.344	1132064.25	0.4826	P	0.3
9	☐	500000.00	500994.16	5809954.91	2.5169	A	0.5

$$y = 5.0231\text{E-}006 * x + 3.9208\text{E-}004$$

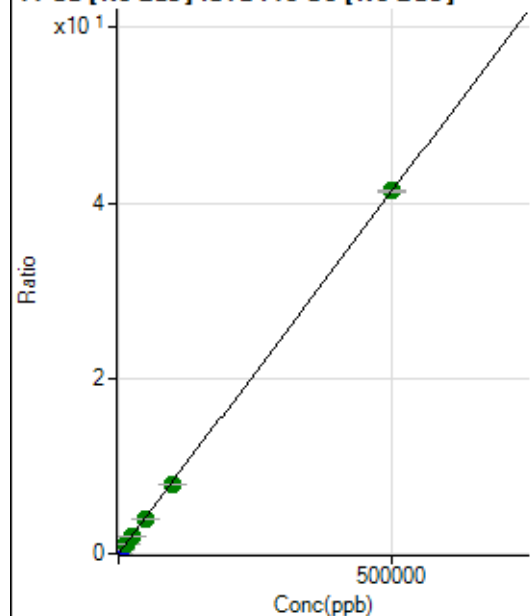
$$R = 1.0000$$

$$DL = 22.54$$

$$BEC = 78.06$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9008.81	0.0040	P	5.0
2	☐	50.000					
3	☐	500.000	447.658	96170.74	0.0409	P	1.3
4	☐	5000.000	4856.748	947675.21	0.4050	P	1.1
5	☐	12500.000	12381.079	2387436.60	1.0263	A	1.0
6	☐	25000.000	24445.256	4771154.49	2.0224	A	1.4
7	☐	50000.000	48374.694	9469547.87	3.9983	A	1.1
8	☐	100000.00	95948.538	18592486.8	7.9265	A	0.8
9	☐	500000.00	501005.01	95500151.4	41.3725	A	0.8

$$y = 8.2571\text{E-}005 * x + 0.0040$$

$$R = 1.0000$$

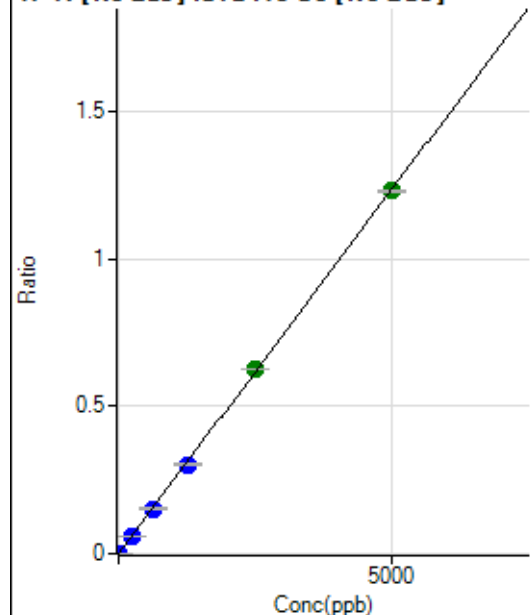
$$DL = 7.173$$

$$BEC = 47.94$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.67	0.0000	P	30.3
2	☐	0.500					
3	☐	5.000	4.702	2819.86	0.0012	P	6.4
4	☐	250.000	247.048	142751.06	0.0610	P	0.5
5	☐	625.000	620.653	356361.91	0.1532	P	1.6
6	☐	1250.000	1226.780	714276.62	0.3028	P	1.0
7	☐	2500.000	2541.077	1485186.45	0.6271	A	0.5
8	☐	5000.000	4985.958	2886020.96	1.2304	A	0.7
9	☐			1747.41	0.0008	P	7.3

$$y = 2.4676E-004 * x + 4.0009E-005$$

$$R = 0.9999$$

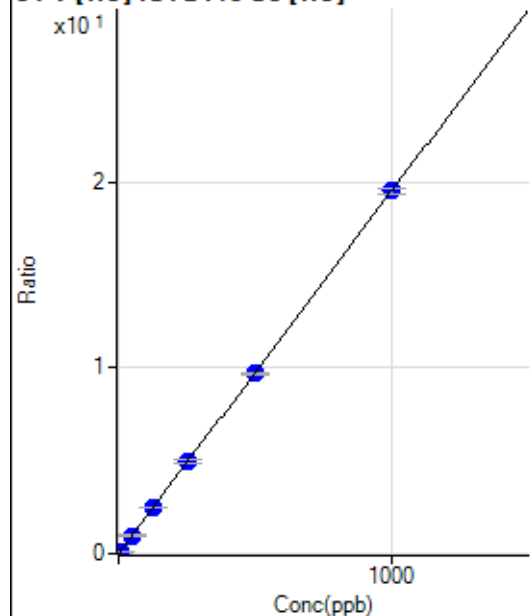
$$DL = 0.1473$$

$$BEC = 0.1621$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10.00	0.0005	P	33.9
2	☐	0.500					
3	☐	5.000	4.750	1955.73	0.0931	P	6.8
4	☐	50.000	50.105	19681.82	0.9776	P	1.3
5	☐	125.000	127.724	49554.08	2.4913	P	1.1
6	☐	250.000	253.488	100106.58	4.9439	P	3.1
7	☐	500.000	496.137	198217.89	9.6760	P	1.4
8	☐	1000.000	1000.715	377566.65	19.5160	P	1.8
9	☐			166.67	0.0083	P	5.6

$$y = 0.0195 * x + 4.6572E-004$$

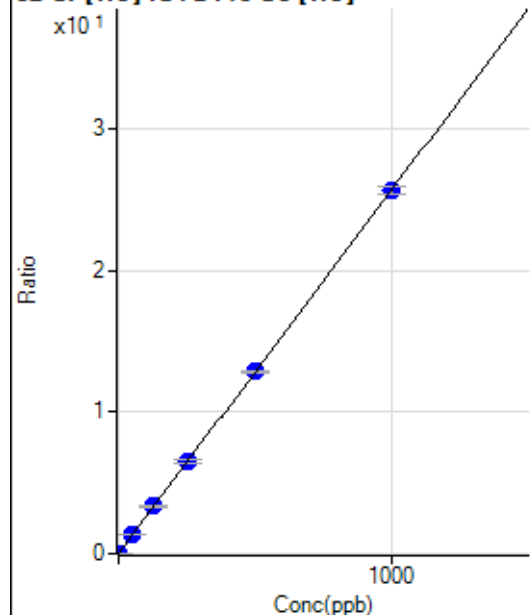
$$R = 1.0000$$

$$DL = 0.02426$$

$$BEC = 0.02388$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	314.46	0.0146	P	6.6
2	☐	0.200					
3	☐	2.000	1.784	1268.97	0.0604	P	4.3
4	☐	50.000	50.957	26594.30	1.3210	P	1.2
5	☐	125.000	129.162	66148.80	3.3259	P	1.8
6	☐	250.000	253.979	132147.34	6.5258	P	3.0
7	☐	500.000	500.926	263391.85	12.8567	P	0.9
8	☐	1000.000	997.974	495244.86	25.5994	P	2.0
9	☐			14079.49	0.7024	P	3.0

$$y = 0.0256 * x + 0.0146$$

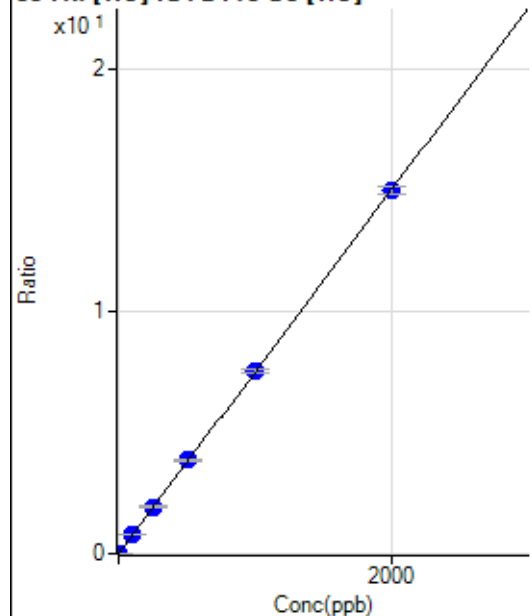
$$R = 1.0000$$

$$DL = 0.1128$$

$$BEC = 0.5711$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	23.33	0.0011	P	29.1
2	☐	0.100					
3	☐	1.000	0.841	155.56	0.0074	P	15.6
4	☐	100.000	100.828	15269.62	0.7584	P	0.2
5	☐	250.000	258.483	38634.58	1.9426	P	2.2
6	☐	500.000	513.552	78121.23	3.8585	P	3.6
7	☐	1000.000	1001.722	154152.67	7.5253	P	1.8
8	☐	2000.000	1994.649	289861.74	14.9834	P	2.3
9	☐			1047.84	0.0523	P	1.1

$$y = 0.0075 * x + 0.0011$$

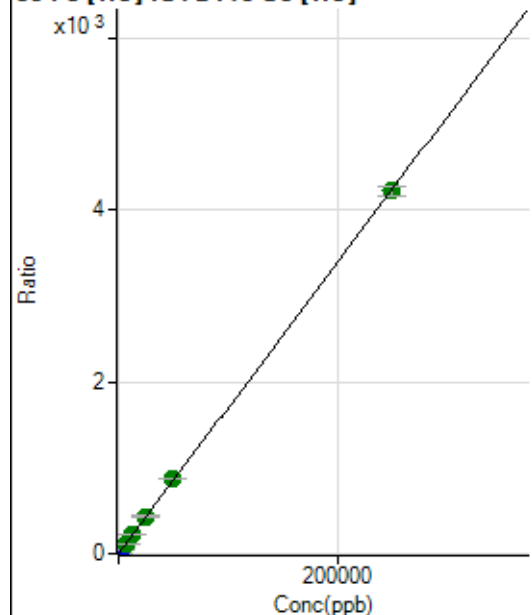
$$R = 1.0000$$

$$DL = 0.1263$$

$$BEC = 0.1447$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1585.32	0.0738	P	9.1
2	☐	5.000					
3	☐	50.000	48.232	18696.21	0.8896	P	1.0
4	☐	2500.000	2612.736	891154.97	44.2657	P	0.8
5	☐	6250.000	6773.681	2280250.80	114.6439	A	1.4
6	☐	12500.000	13167.085	4510551.95	222.7820	A	3.6
7	☐	25000.000	25702.670	8907479.02	434.8089	A	1.3
8	☐	50000.000	51490.622	16850819.7	870.9865	A	1.7
9	☐	250000.00	249584.03	84623834.3	4,221.539	A	2.5

$$y = 0.0169 * x + 0.0738$$

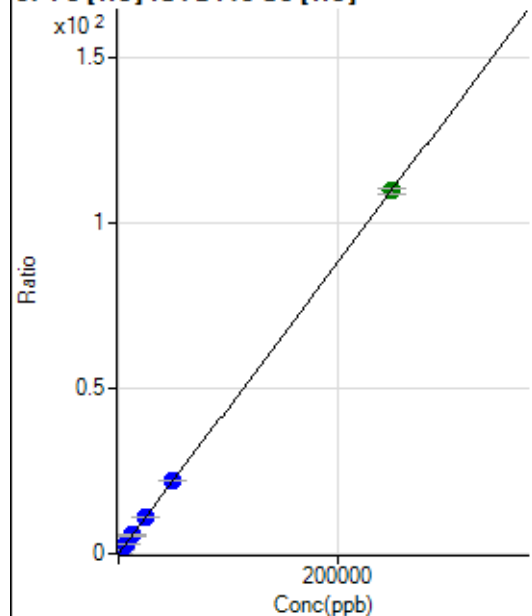
$$R = 1.0000$$

$$DL = 1.192$$

$$BEC = 4.365$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	57.41	0.0027	P	19.5
2	☐	5.000					
3	☐	50.000	46.964	488.91	0.0233	P	14.6
4	☐	2500.000	2574.699	22796.89	1.1327	P	3.8
5	☐	6250.000	6455.384	56404.98	2.8359	P	2.0
6	☐	12500.000	12806.200	113850.30	5.6233	P	3.7
7	☐	25000.000	25122.662	225950.29	11.0291	P	0.8
8	☐	50000.000	50365.945	427697.83	22.1084	P	2.4
9	☐	250000.00	249893.35	2198906.57	109.6813	A	1.8

$$y = 4.3890E-004 * x + 0.0027$$

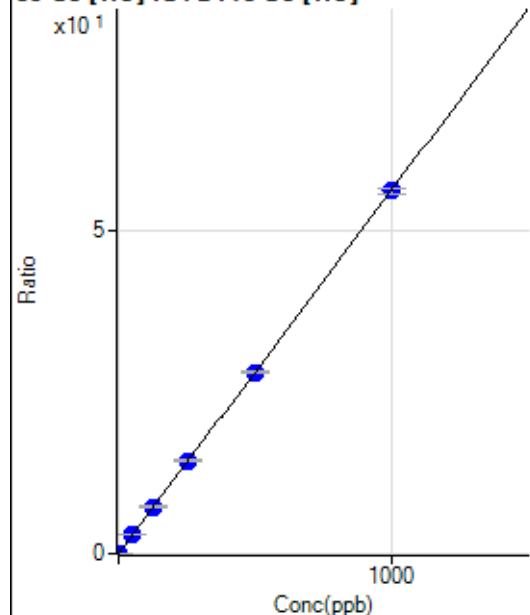
$$R = 1.0000$$

$$DL = 3.565$$

$$BEC = 6.082$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	60.00	0.0028	P	20.2
2	☐	0.100					
3	☐	1.000	0.940	1171.18	0.0557	P	7.0
4	☐	50.000	51.036	57942.11	2.8782	P	1.3
5	☐	125.000	129.412	145070.66	7.2941	P	1.8
6	☐	250.000	255.717	291775.90	14.4103	P	3.3
7	☐	500.000	499.528	576632.51	28.1470	P	0.9
8	☐	1000.000	998.204	1088103.07	56.2433	P	1.8
9	☐			13678.01	0.6823	P	3.2

$$y = 0.0563 * x + 0.0028$$

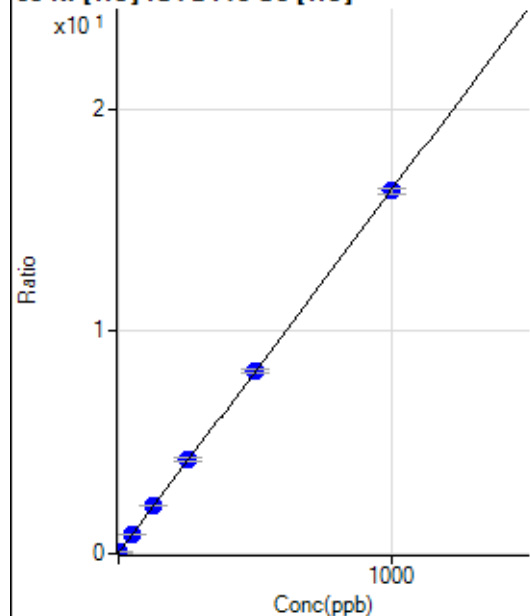
$$R = 1.0000$$

$$DL = 0.02997$$

$$BEC = 0.04956$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	715.59	0.0333	P	4.0
2	☐	0.100					
3	☐	1.000	0.867	997.83	0.0475	P	7.5
4	☐	50.000	51.169	17495.64	0.8691	P	1.5
5	☐	125.000	130.843	43166.92	2.1705	P	2.3
6	☐	250.000	255.732	85244.12	4.2105	P	3.8
7	☐	500.000	499.669	167869.95	8.1950	P	1.9
8	☐	1000.000	997.944	316029.38	16.3340	P	1.5
9	☐			8761.78	0.4370	P	0.3

$$y = 0.0163 * x + 0.0333$$

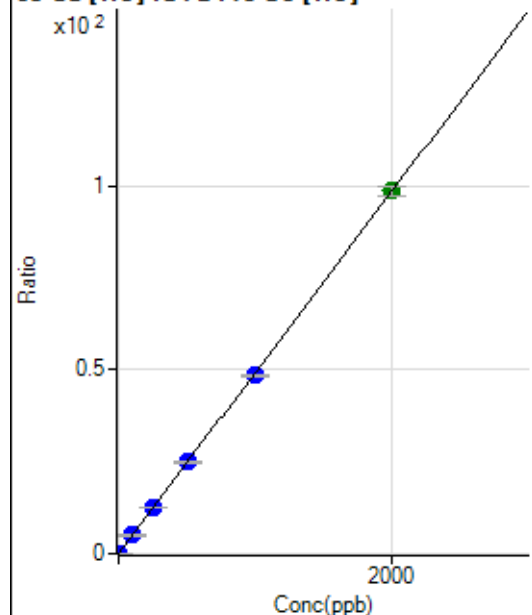
$$R = 1.0000$$

$$DL = 0.242$$

$$BEC = 2.038$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	176.67	0.0082	P	19.4
2	☐	0.200					
3	☐	2.000	1.870	2102.42	0.1001	P	5.8
4	☐	100.000	100.909	99987.13	4.9669	P	1.5
5	☐	250.000	255.365	249738.42	12.5569	P	2.0
6	☐	500.000	506.353	503977.26	24.8906	P	3.3
7	☐	1000.000	984.419	991157.07	48.3829	P	1.3
8	☐	2000.000	2005.486	1906488.15	98.5586	A	2.8
9	☐			2309.13	0.1152	P	4.4

$$y = 0.0491 * x + 0.0082$$

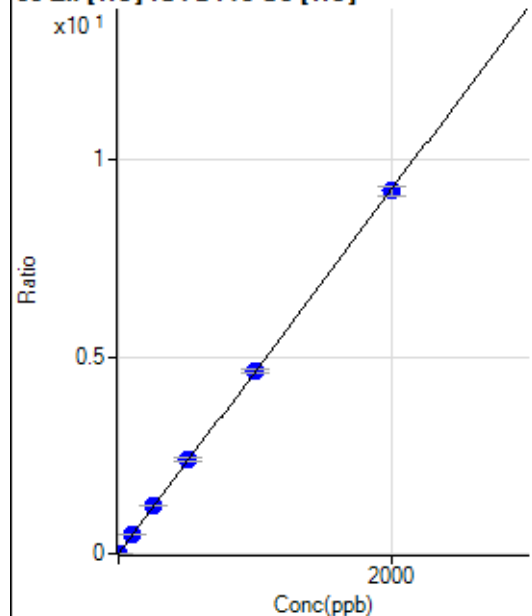
$$R = 0.9999$$

$$DL = 0.0975$$

$$BEC = 0.1672$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	70.00	0.0033	P	17.9
2	☐	0.200					
3	☐	2.000	1.767	240.01	0.0114	P	10.5
4	☐	100.000	103.494	9691.32	0.4814	P	0.6
5	☐	250.000	261.802	24123.48	1.2127	P	0.8
6	☐	500.000	512.627	48015.25	2.3714	P	3.8
7	☐	1000.000	1004.670	95140.03	4.6445	P	2.0
8	☐	2000.000	1992.859	178158.48	9.2097	P	2.4
9	☐			1046.72	0.0522	P	1.4

$$y = 0.0046 * x + 0.0033$$

$$R = 1.0000$$

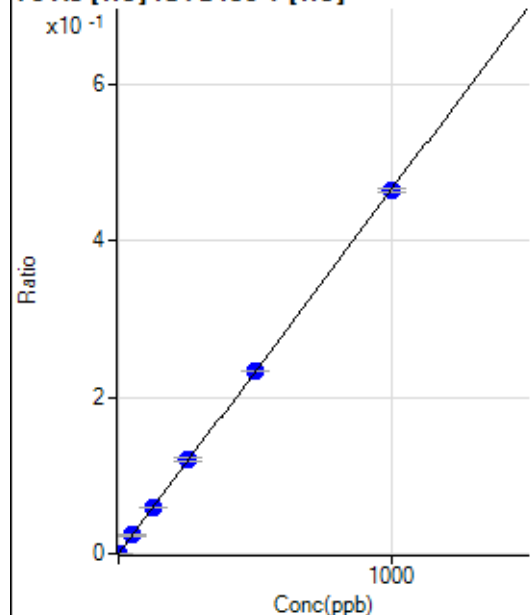
$$DL = 0.3796$$

$$BEC = 0.7057$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.17	0.0000	P	46.4
2	☐	0.100					
3	☐	1.000	0.802	66.67	0.0004	P	18.0
4	☐	50.000	50.210	3712.26	0.0234	P	0.9
5	☐	125.000	126.878	9390.29	0.0591	P	1.2
6	☐	250.000	258.866	18801.75	0.1205	P	2.7
7	☐	500.000	502.397	37331.75	0.2337	P	0.3
8	☐	1000.000	996.340	71459.26	0.4635	P	1.1
9	☐			139.51	0.0009	P	3.2

$$y = 4.6515\text{E-}004 * x + 3.7459\text{E-}005$$

$$R = 0.9999$$

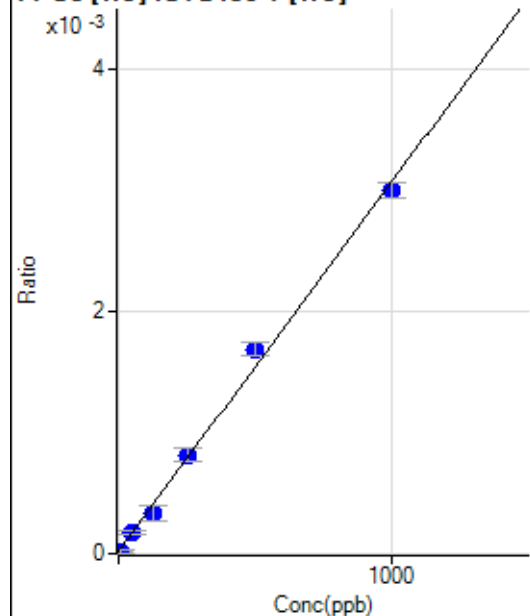
$$DL = 0.1121$$

$$BEC = 0.08053$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0000	P	100.
2	☐	0.500					
3	☐	5.000	-2.101	2.22	0.0000	P	173.
4	☐	50.000	50.771	27.78	0.0002	P	18.4
5	☐	125.000	101.171	52.22	0.0003	P	37.1
6	☐	250.000	261.281	127.78	0.0008	P	13.4
7	☐	500.000	547.716	270.01	0.0017	P	6.1
8	☐	1000.000	976.298	462.24	0.0030	P	4.2
9	☐			0.00	0.0000	P	

$$y = 3.0502\text{E-}006 * x + 2.0186\text{E-}005$$

$$R = 0.9978$$

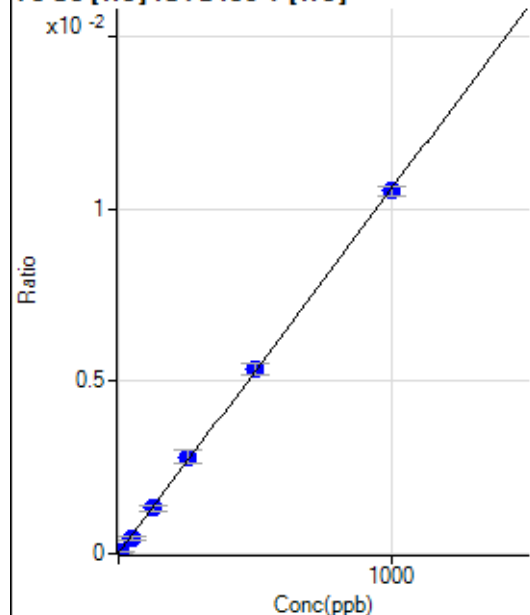
$$DL = 19.97$$

$$BEC = 6.618$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.85	0.0000	P	99.4
2	☐	0.500					
3	☐	5.000	3.986	8.64	0.0001	P	44.8
4	☐	50.000	41.258	70.99	0.0004	P	15.6
5	☐	125.000	123.809	209.88	0.0013	P	15.0
6	☐	250.000	264.972	438.90	0.0028	P	13.5
7	☐	500.000	504.844	854.36	0.0053	P	5.7
8	☐	1000.000	994.426	1622.95	0.0105	P	2.5
9	☐			6.17	0.0000	P	75.0

$$y = 1.0574\text{E-}005 * x + 1.1157\text{E-}005$$

$$R = 0.9998$$

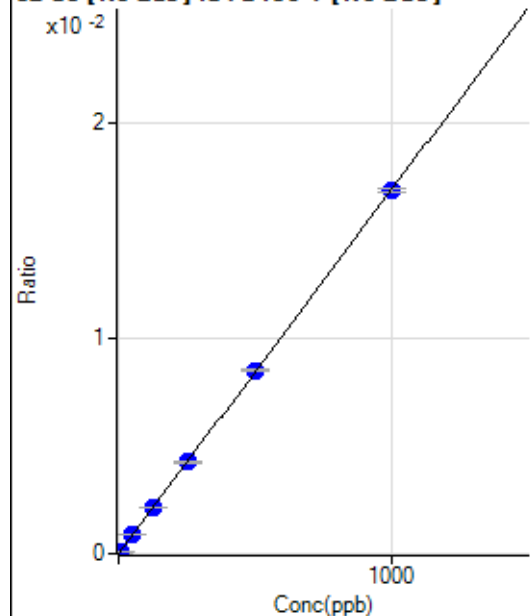
$$DL = 3.146$$

$$BEC = 1.055$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-71.12	0.0000	P	-52.
2	☐	0.500					
3	☐	5.000	5.013	314.83	0.0001	P	26.0
4	☐	50.000	52.004	3905.65	0.0009	P	2.5
5	☐	125.000	128.048	9832.99	0.0022	P	0.5
6	☐	250.000	253.312	19628.51	0.0043	P	2.1
7	☐	500.000	502.815	39743.63	0.0085	P	0.8
8	☐	1000.000	997.283	78346.14	0.0169	P	0.8
9	☐			95.84	0.0000	P	13.3

$$y = 1.6944\text{E-}005 * x - 1.6220\text{E-}005$$

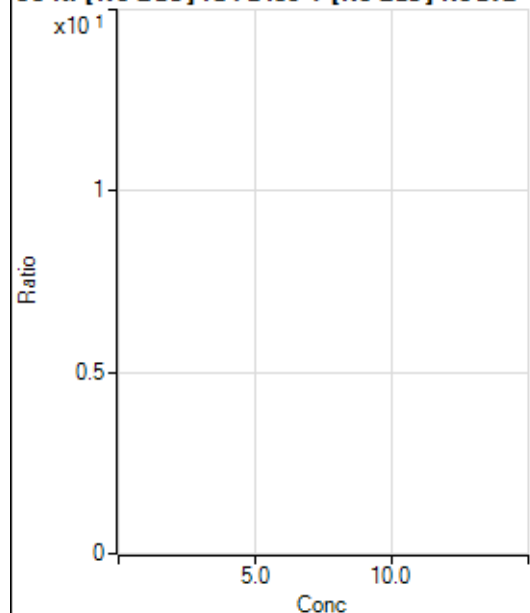
$$R = 1.0000$$

$$DL = 1.515$$

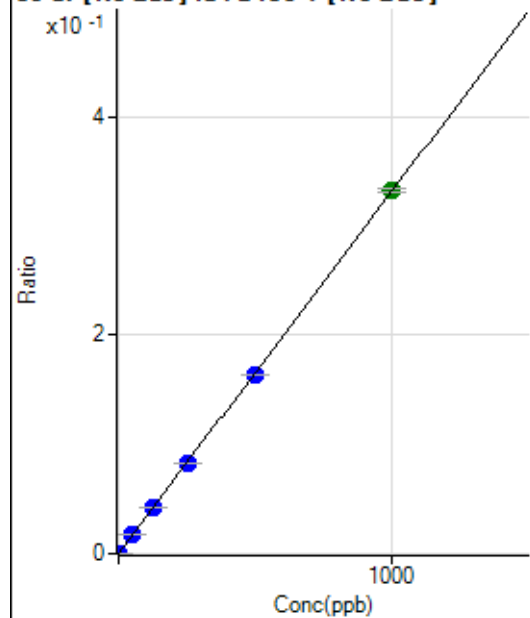
$$BEC = -0.9573$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] ISTD:89 Y [No Gas] No av.

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			371.12	0.0001	P	11.6
2	☐						
3	☐			366.68	0.0001	P	20.3
4	☐			352.24	0.0001	P	16.3
5	☐			311.12	0.0001	P	6.6
6	☐			366.68	0.0001	P	6.0
7	☐			336.68	0.0001	P	16.3
8	☐			374.46	0.0001	P	5.8
9	☐			347.79	0.0001	P	3.0

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	530.59	0.0001	P	6.8
2	☐	0.100					
3	☐	1.000	1.010	2075.25	0.0005	P	11.5
4	☐	50.000	50.445	75969.95	0.0168	P	0.4
5	☐	125.000	125.396	190153.13	0.0416	P	0.6
6	☐	250.000	250.636	381564.56	0.0831	P	0.9
7	☐	500.000	493.416	764227.38	0.1635	P	0.3
8	☐	1000.000	1003.061	1542034.42	0.3323	A	1.1
9	☐			50901.34	0.0112	P	1.8

$$y = 3.3113\text{E-}004 * x + 1.1956\text{E-}004$$

$$R = 1.0000$$

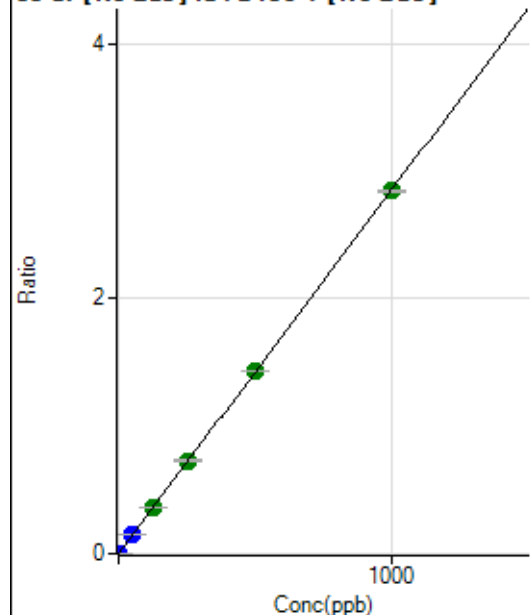
$$DL = 0.07317$$

$$BEC = 0.3611$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	475.03	0.0001	P	6.6
2	☐	0.100					
3	☐	1.000	0.929	12606.38	0.0028	P	0.6
4	☐	50.000	50.883	655363.28	0.1451	P	0.3
5	☐	125.000	127.755	1663267.09	0.3642	A	1.4
6	☐	250.000	256.007	3350303.42	0.7298	A	1.3
7	☐	500.000	500.568	6668994.51	1.4268	A	0.3
8	☐	1000.000	997.825	13199805.6	2.8441	A	0.3
9	☐			440759.87	0.0973	P	0.3

$$y = 0.0029 * x + 1.0713E-004$$

$$R = 1.0000$$

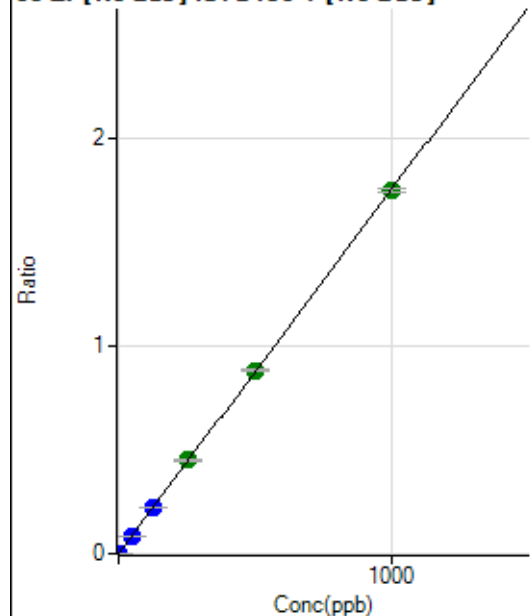
$$DL = 0.007407$$

$$BEC = 0.03758$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	294.46	0.0001	P	33.3
2	☐	0.100					
3	☐	1.000	0.873	7296.74	0.0016	P	3.3
4	☐	50.000	49.541	391863.83	0.0868	P	1.0
5	☐	125.000	124.819	997977.30	0.2185	P	0.6
6	☐	250.000	256.949	2065128.09	0.4498	A	0.7
7	☐	500.000	503.933	4122981.91	0.8821	A	1.2
8	☐	1000.000	996.342	8094032.21	1.7441	A	1.2
9	☐			2380.89	0.0005	P	0.9

$$y = 0.0018 * x + 6.6839E-005$$

$$R = 1.0000$$

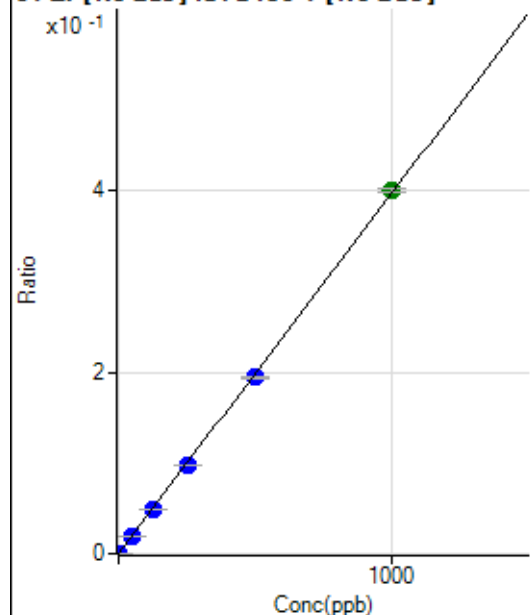
$$DL = 0.03819$$

$$BEC = 0.03818$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.89	0.0000	P	50.5
2	☐	0.100					
3	☐	1.000	0.929	1750.20	0.0004	P	2.0
4	☐	50.000	49.017	87843.82	0.0195	P	0.5
5	☐	125.000	122.398	221723.16	0.0486	P	0.2
6	☐	250.000	244.671	445525.51	0.0970	P	1.1
7	☐	500.000	489.285	907027.99	0.1941	P	0.5
8	☐	1000.000	1007.064	1853601.49	0.3994	A	1.2
9	☐			438.92	0.0001	P	7.6

$$y = 3.9659E-004 * x + 1.4283E-005$$

$$R = 0.9999$$

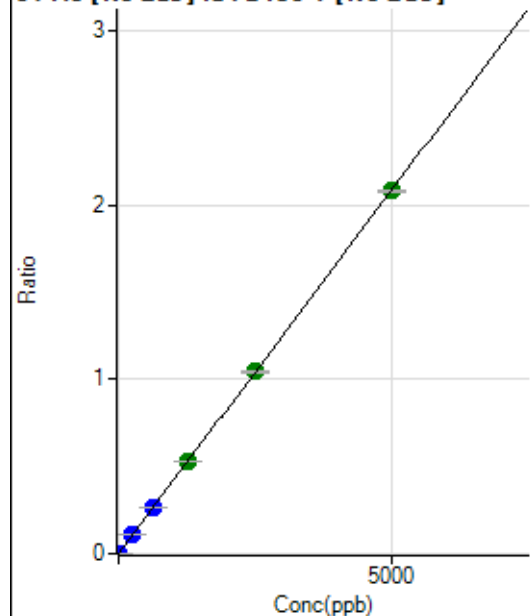
$$DL = 0.05453$$

$$BEC = 0.03601$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	227.79	0.0001	P	28.1
2	☐	0.500					
3	☐	5.000	4.469	8753.17	0.0019	P	5.1
4	☐	250.000	251.854	474318.15	0.1050	P	0.4
5	☐	625.000	627.649	1195000.73	0.2617	P	0.6
6	☐	1250.000	1269.753	2430268.33	0.5294	A	0.9
7	☐	2500.000	2504.622	4880208.92	1.0441	A	0.7
8	☐	5000.000	4992.327	9658693.79	2.0812	A	0.9
9	☐			12687.09	0.0028	P	7.2

$$y = 4.1687E-004 * x + 5.1563E-005$$

$$R = 1.0000$$

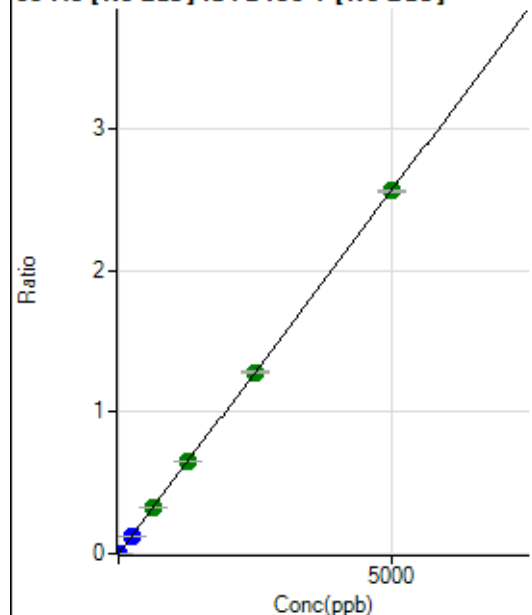
$$DL = 0.1044$$

$$BEC = 0.1237$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	205.57	0.0000	P	29.3
2	☐	0.500					
3	☐	5.000	4.583	10966.03	0.0024	P	1.0
4	☐	250.000	249.836	578962.38	0.1282	P	0.3
5	☐	625.000	633.233	1483616.70	0.3249	A	0.5
6	☐	1250.000	1266.685	2983415.09	0.6499	A	1.2
7	☐	2500.000	2497.141	5987822.23	1.2811	A	0.5
8	☐	5000.000	4996.237	11895692.3	2.5632	A	0.4
9	☐			20571.91	0.0045	P	4.2

$$y = 5.1301E-004 * x + 4.6368E-005$$

$$R = 1.0000$$

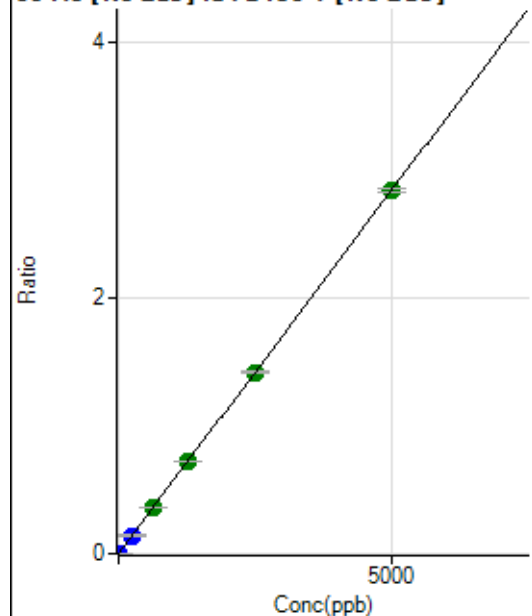
$$DL = 0.07933$$

$$BEC = 0.09038$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	252.79	0.0001	P	31.6
2	☐	0.500					
3	☐	5.000	4.541	12064.23	0.0026	P	3.9
4	☐	250.000	250.600	643319.35	0.1425	P	1.2
5	☐	625.000	635.112	1648386.32	0.3610	A	0.8
6	☐	1250.000	1271.401	3317251.57	0.7226	A	0.9
7	☐	2500.000	2497.870	6634796.85	1.4196	A	1.1
8	☐	5000.000	4994.421	13172600.6	2.8383	A	1.0
9	☐			23393.30	0.0052	P	5.8

$$y = 5.6829E-004 * x + 5.7058E-005$$

$$R = 1.0000$$

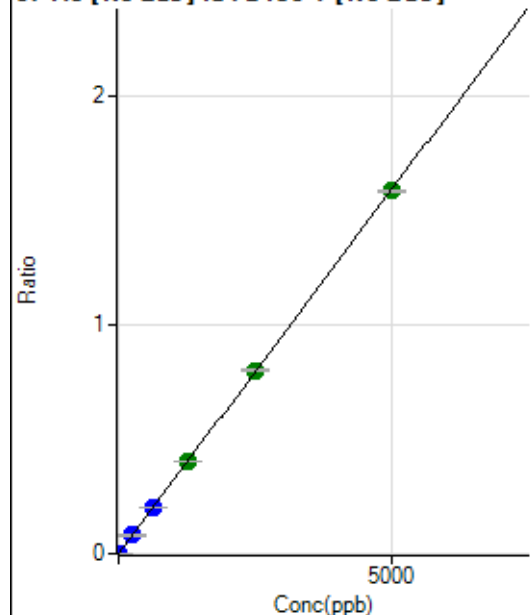
$$DL = 0.09519$$

$$BEC = 0.1004$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	183.34	0.0000	P	14.9
2	☐	0.500					
3	☐	5.000	4.544	6793.72	0.0015	P	1.2
4	☐	250.000	251.944	361685.59	0.0801	P	1.6
5	☐	625.000	626.826	909737.17	0.1992	P	0.0
6	☐	1250.000	1269.833	1852625.10	0.4036	A	1.4
7	☐	2500.000	2521.863	3745755.51	0.8014	A	0.4
8	☐	5000.000	4983.785	7350026.90	1.5837	A	0.8
9	☐			12848.35	0.0028	P	7.3

$$y = 3.1777E-004 * x + 4.1344E-005$$

$$R = 1.0000$$

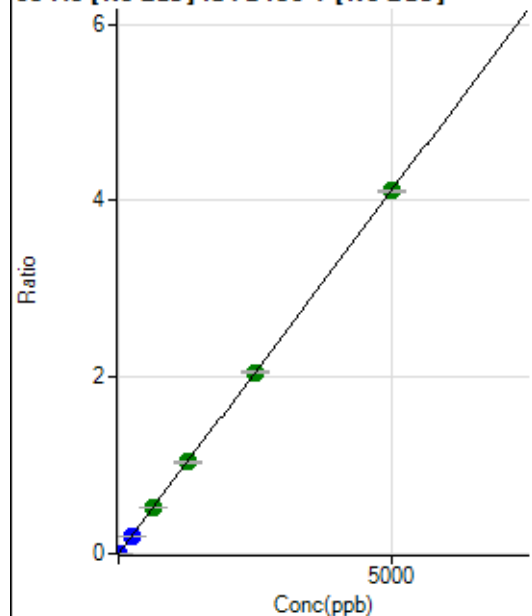
$$DL = 0.05807$$

$$BEC = 0.1301$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	272.24	0.0001	P	20.9
2	☐	0.500					
3	☐	5.000	4.514	17261.73	0.0038	P	2.7
4	☐	250.000	250.014	928786.82	0.2057	P	0.7
5	☐	625.000	635.142	2385657.54	0.5224	A	0.6
6	☐	1250.000	1258.623	4752586.31	1.0352	A	0.9
7	☐	2500.000	2497.868	9602386.85	2.0545	A	0.6
8	☐	5000.000	4997.642	19076658.9	4.1104	A	0.2
9	☐			33367.14	0.0074	P	5.7

$$y = 8.2246E-004 * x + 6.1607E-005$$

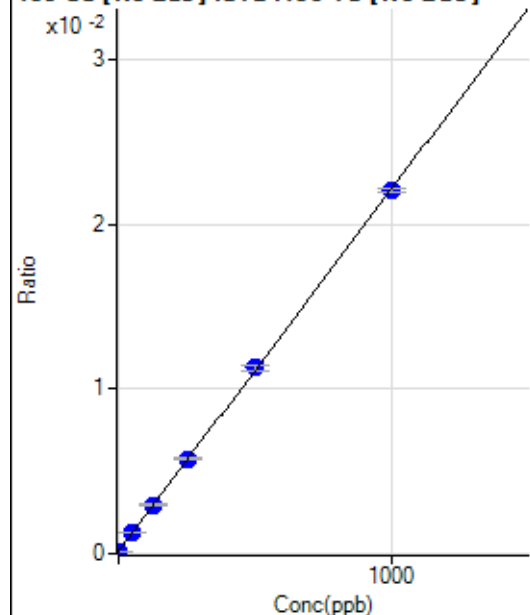
$$R = 1.0000$$

$$DL = 0.04696$$

$$BEC = 0.07491$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	811.17	0.0001	P	9.6
2	☐	0.100					
3	☐	1.000	0.187	883.41	0.0002	P	2.3
4	☐	50.000	49.910	7177.27	0.0012	P	2.4
5	☐	125.000	128.102	17297.87	0.0030	P	3.1
6	☐	250.000	255.768	33890.92	0.0058	P	2.6
7	☐	500.000	506.813	67034.08	0.0113	P	2.7
8	☐	1000.000	994.769	132243.31	0.0220	P	1.2
9	☐			897.30	0.0002	P	7.3

$$y = 2.1975\text{E-}005 * x + 1.4938\text{E-}004$$

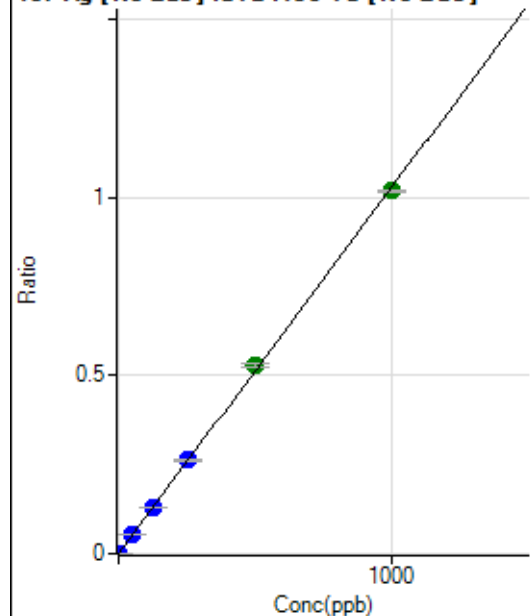
$$R = 0.9999$$

$$DL = 1.961$$

$$BEC = 6.798$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	75.7
2	☐	0.100					
3	☐	1.000	0.995	5909.93	0.0010	P	2.2
4	☐	50.000	52.115	308611.45	0.0536	P	0.6
5	☐	125.000	127.937	767532.95	0.1315	P	0.7
6	☐	250.000	255.886	1545374.32	0.2631	P	1.4
7	☐	500.000	514.055	3138917.32	0.5285	A	1.4
8	☐	1000.000	991.028	6121822.88	1.0189	A	0.5
9	☐			491.70	0.0001	P	20.3

$$y = 0.0010 * x + 4.0236\text{E-}006$$

$$R = 0.9998$$

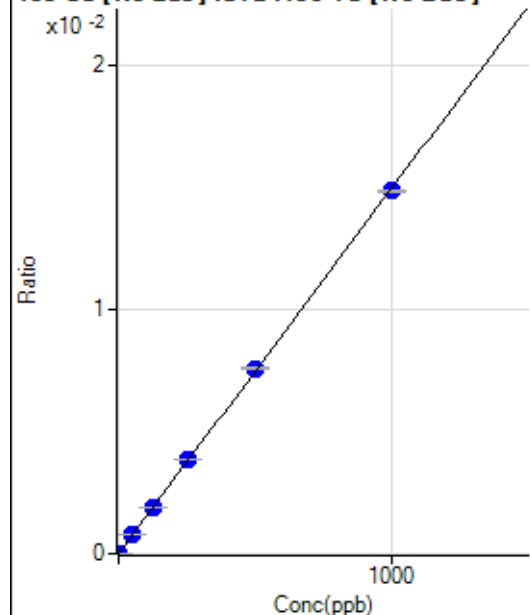
$$DL = 0.008891$$

$$BEC = 0.003914$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9.72	0.0000	P	22.1
2	☐	0.100					
3	☐	1.000	0.751	75.00	0.0000	P	9.2
4	☐	50.000	52.053	4498.07	0.0008	P	2.5
5	☐	125.000	128.172	11207.65	0.0019	P	0.4
6	☐	250.000	257.199	22629.01	0.0039	P	1.3
7	☐	500.000	507.865	45170.18	0.0076	P	1.4
8	☐	1000.000	993.769	89402.24	0.0149	P	0.7
9	☐			31.95	0.0000	P	42.4

$$y = 1.4971\text{E-}005 * x + 1.7820\text{E-}006$$

$$R = 0.9999$$

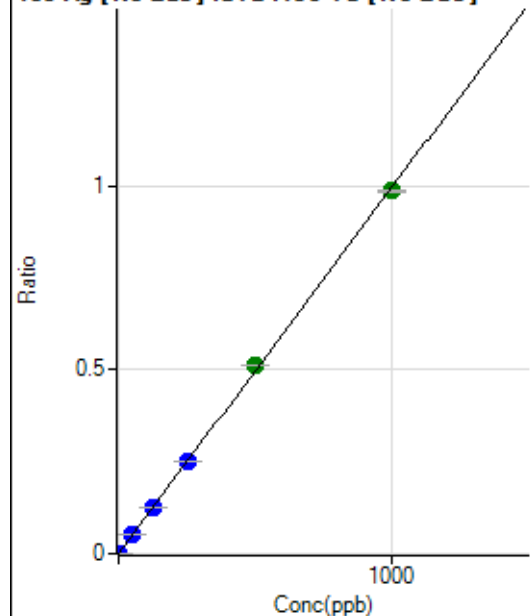
$$DL = 0.07881$$

$$BEC = 0.119$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.78	0.0000	P	70.3
2	☐	0.100					
3	☐	1.000	0.918	5309.59	0.0009	P	5.3
4	☐	50.000	51.375	294210.01	0.0511	P	1.4
5	☐	125.000	126.250	732426.20	0.1255	P	1.0
6	☐	250.000	253.467	1480324.11	0.2520	P	0.8
7	☐	500.000	514.175	3036054.91	0.5112	A	0.6
8	☐	1000.000	991.821	5924564.46	0.9860	A	0.6
9	☐			533.37	0.0001	P	9.2

$$y = 9.9415\text{E-}004 * x + 9.5906\text{E-}006$$

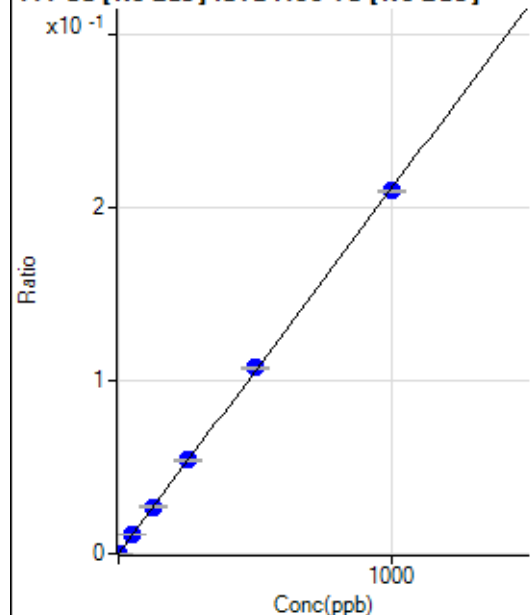
$$R = 0.9998$$

$$DL = 0.02034$$

$$BEC = 0.009647$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	587.41	0.0001	P	10.3
2	☐	0.100					
3	☐	1.000	0.918	1735.41	0.0003	P	4.7
4	☐	50.000	51.476	63086.28	0.0110	P	0.8
5	☐	125.000	128.057	158046.27	0.0271	P	1.3
6	☐	250.000	255.922	317359.05	0.0540	P	0.9
7	☐	500.000	509.092	637653.40	0.1074	P	0.7
8	☐	1000.000	993.518	1258254.78	0.2094	P	0.5
9	☐			859.92	0.0001	P	6.2

$$y = 2.1067\text{E-}004 * x + 1.0820\text{E-}004$$

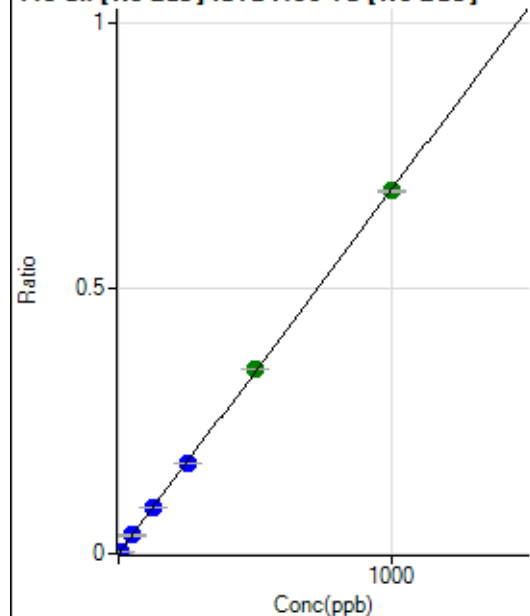
$$R = 0.9999$$

$$DL = 0.1581$$

$$BEC = 0.5136$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	500.04	0.0001	P	26.2
2	☐	0.500					
3	☐	5.000	4.550	18488.50	0.0032	P	2.1
4	☐	50.000	50.177	198746.34	0.0345	P	1.1
5	☐	125.000	124.674	499524.19	0.0856	P	1.0
6	☐	250.000	248.820	1003098.36	0.1708	P	1.2
7	☐	500.000	506.581	2064300.11	0.3476	A	0.5
8	☐	1000.000	997.038	4109635.86	0.6840	A	0.2
9	☐			11694.47	0.0020	P	2.0

$$y = 6.8591\text{E-}004 * x + 9.1404\text{E-}005$$

$$R = 1.0000$$

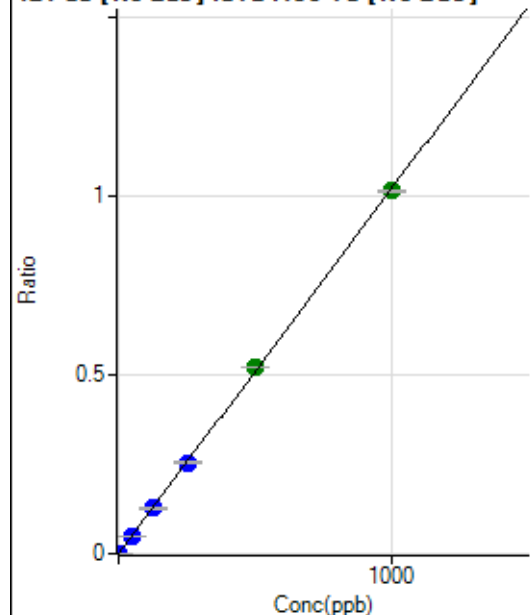
$$DL = 0.1048$$

$$BEC = 0.1333$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	252.79	0.0000	P	34.7
2	☐	0.200					
3	☐	2.000	1.903	11444.27	0.0020	P	3.6
4	☐	50.000	49.455	290855.17	0.0505	P	1.4
5	☐	125.000	124.606	742040.23	0.1272	P	1.5
6	☐	250.000	250.093	1499117.26	0.2552	P	1.1
7	☐	500.000	511.182	3097812.22	0.5216	A	0.8
8	☐	1000.000	994.462	6096351.74	1.0146	A	0.7
9	☐			21440.30	0.0036	P	11.6

$$y = 0.0010 * x + 4.6614E-005$$

$$R = 0.9999$$

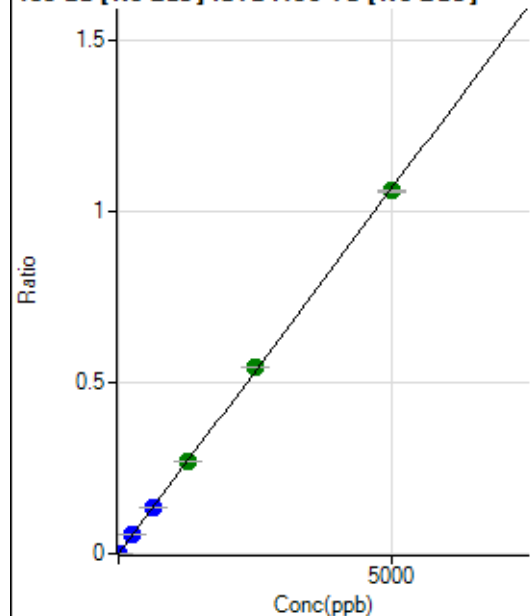
$$DL = 0.04752$$

$$BEC = 0.04569$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	88.90	0.0000	P	26.8
2	☐	1.000					
3	☐	10.000	9.709	12017.03	0.0021	P	1.9
4	☐	250.000	253.061	311087.81	0.0540	P	0.7
5	☐	625.000	632.780	787945.14	0.1350	P	0.8
6	☐	1250.000	1260.315	1579873.45	0.2689	A	0.6
7	☐	2500.000	2552.832	3235326.94	0.5447	A	0.3
8	☐	5000.000	4969.880	6371752.49	1.0605	A	0.3
9	☐			1800.21	0.0003	P	5.4

$$y = 2.1337E-004 * x + 1.6321E-005$$

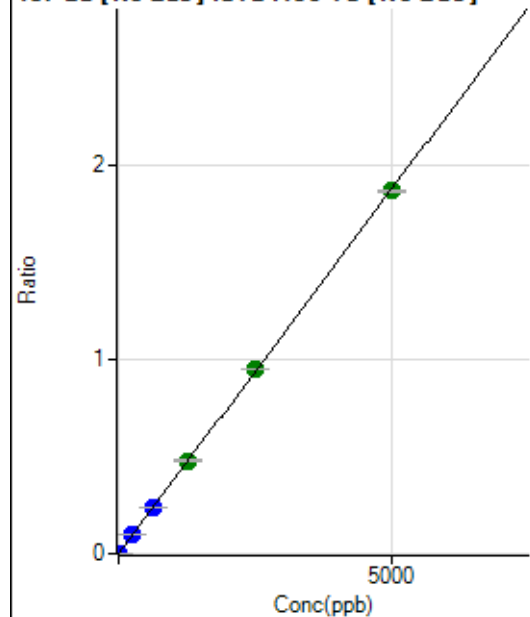
$$R = 0.9999$$

$$DL = 0.0616$$

$$BEC = 0.07649$$

Weight: <None>

Min Conc: 0

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	158.34	0.0000	P	17.8
2	☐	1.000					
3	☐	10.000	9.404	20438.89	0.0036	P	0.8
4	☐	250.000	254.002	548052.29	0.0952	P	1.5
5	☐	625.000	630.300	1377578.21	0.2361	P	1.4
6	☐	1250.000	1272.062	2798733.18	0.4765	A	1.7
7	☐	2500.000	2528.806	5625448.17	0.9471	A	0.2
8	☐	5000.000	4979.220	11205200.7	1.8649	A	0.3
9	☐			3042.18	0.0005	P	7.1

$$y = 3.7453\text{E-}004 * x + 2.9251\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.04181$$

$$BEC = 0.0781$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	114.
2	☐						
3	☐			11.11		P	34.6
4	☐			17.78		P	43.3
5	☐			33.33		P	52.9
6	☐			71.11		P	19.5
7	☐			140.00		P	21.8
8	☐			235.57		P	4.3
9	☐			82.23		P	60.9

150 Nd [He] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.
5	☐			3.33		P	100.
6	☐			1.11		P	173.
7	☐			7.78		P	24.7
8	☐			5.56		P	34.7
9	☐			6.67		P	50.0

156 Dy [No Gas] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐						
3	☐			11.11		P	86.6
4	☐			13.89		P	34.7
5	☐			19.44		P	49.5
6	☐			25.00		P	88.2
7	☐			58.34		P	49.5
8	☐			63.89		P	37.7
9	☐			50.00		P	44.1

156 Dy [He] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.22		P	173.
4	☐			0.00		P	
5	☐			4.45		P	86.6
6	☐			3.33		P	173.
7	☐			6.66		P	86.6
8	☐			2.22		P	86.6
9	☐			7.78		P	107.

160 Gd [No Gas] Noavailable calibration poin_

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			47.23		P	27.0
2	☐						
3	☐			16.67		P	50.0
4	☐			30.56		P	41.7
5	☐			33.33		P	90.1
6	☐			50.00		P	44.1
7	☐			58.33		P	24.7
8	☐			52.78		P	32.9
9	☐			66.67		P	50.0

160 Gd [He] No available calibration points

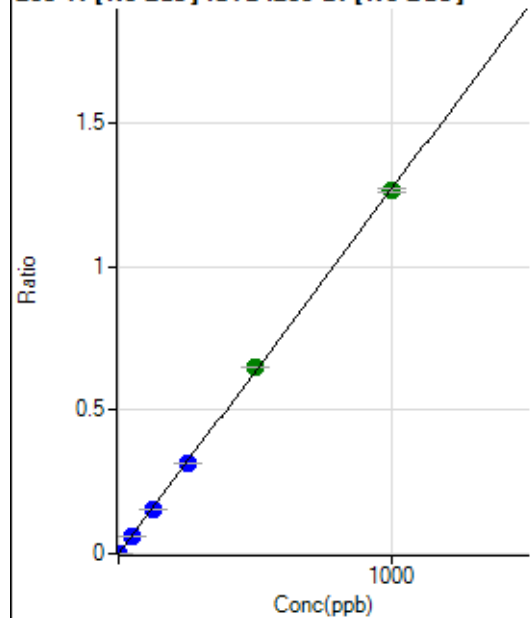
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4.44		P	43.4
2	☐						
3	☐			1.11		P	173.
4	☐			3.33		P	100.
5	☐			10.00		P	33.3
6	☐			5.56		P	34.7
7	☐			8.89		P	57.3
8	☐			8.89		P	43.3
9	☐			20.00		P	44.1

164 Er [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			22.22		P	86.6
2	☐						
3	☐			36.11		P	53.3
4	☐			27.78		P	121.
5	☐			16.67		P	50.0
6	☐			25.00		P	57.7
7	☐			30.56		P	83.3
8	☐			22.22		P	43.3
9	☐			36.11		P	48.0

164 Er [He] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			5.55		P	124.
2	☐						
3	☐			8.89		P	43.3
4	☐			3.33		P	173.
5	☐			3.33		P	100.
6	☐			2.22		P	86.6
7	☐			3.33		P	173.
8	☐			4.45		P	86.6
9	☐			4.45		P	86.6

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	247.24	0.0001	P	5.0
2	☐	0.100					
3	☐	1.000	0.898	4659.41	0.0012	P	6.0
4	☐	50.000	49.073	241307.17	0.0624	P	1.1
5	☐	125.000	123.401	612101.86	0.1567	P	0.3
6	☐	250.000	246.446	1220429.65	0.3129	P	0.4
7	☐	500.000	512.022	2530548.90	0.6500	A	0.5
8	☐	1000.000	995.124	4996807.19	1.2632	A	1.0
9	☐			2758.77	0.0007	P	3.7

$$y = 0.0013 * x + 6.7986E-005$$

$$R = 0.9999$$

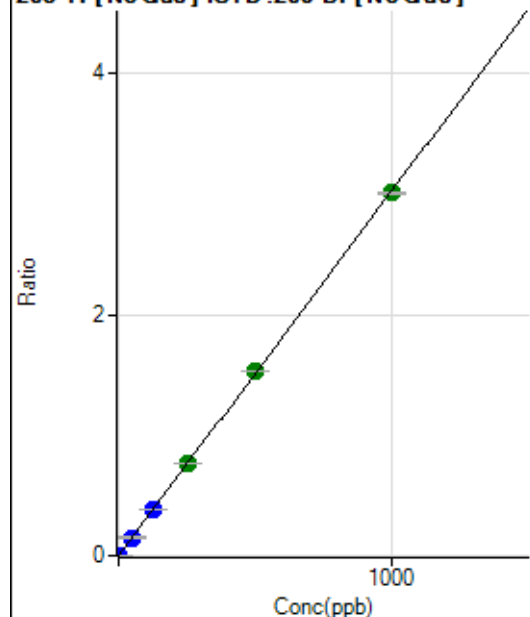
$$DL = 0.008056$$

$$BEC = 0.05356$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	672.27	0.0002	P	5.9
2	☐	0.100					
3	☐	1.000	0.906	11263.78	0.0029	P	2.7
4	☐	50.000	49.959	584559.61	0.1511	P	1.0
5	☐	125.000	124.740	1472182.58	0.3769	P	0.6
6	☐	250.000	253.163	2982898.89	0.7647	A	0.1
7	☐	500.000	507.182	5964043.75	1.5319	A	0.5
8	☐	1000.000	995.653	11894600.7	3.0070	A	0.5
9	☐			6974.46	0.0018	P	8.7

$$y = 0.0030 * x + 1.8438E-004$$

$$R = 1.0000$$

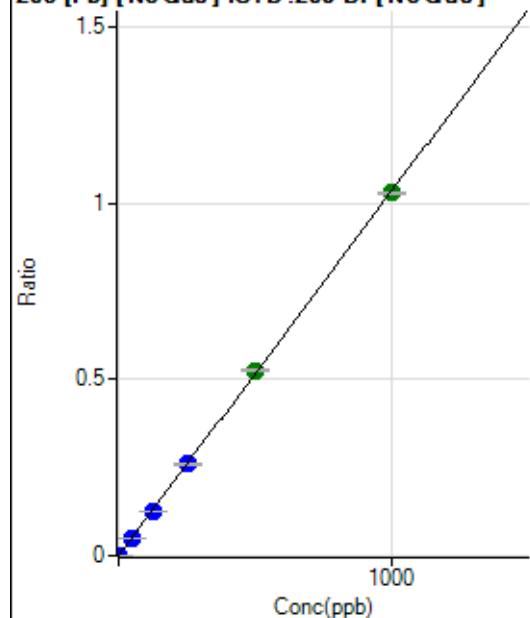
$$DL = 0.01077$$

$$BEC = 0.06105$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	333.35	0.0001	P	13.3
2	☐	0.100					
3	☐	1.000	0.893	3915.54	0.0010	P	1.5
4	☐	50.000	49.157	197249.87	0.0510	P	0.7
5	☐	125.000	123.215	498523.28	0.1276	P	1.1
6	☐	250.000	250.819	1013014.63	0.2597	P	0.3
7	☐	500.000	508.411	2049244.90	0.5263	A	0.4
8	☐	1000.000	995.855	4077732.50	1.0309	A	0.6
9	☐			22756.01	0.0060	P	0.6

$$y = 0.0010 * x + 9.1514E-005$$

$$R = 0.9999$$

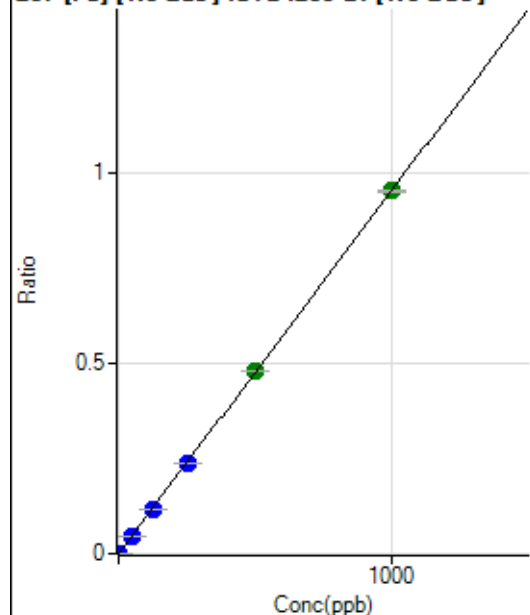
$$DL = 0.03525$$

$$BEC = 0.08841$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	311.13	0.0001	P	21.7
2	☐	0.100					
3	☐	1.000	0.900	3633.97	0.0009	P	4.4
4	☐	50.000	48.611	179516.83	0.0464	P	0.9
5	☐	125.000	121.707	453181.26	0.1160	P	0.7
6	☐	250.000	246.998	918064.16	0.2354	P	0.2
7	☐	500.000	502.652	1864540.66	0.4789	A	0.5
8	☐	1000.000	999.905	3767963.83	0.9526	A	0.8
9	☐			19159.47	0.0051	P	3.1

$$y = 9.5256\text{E-}004 * x + 8.5671\text{E-}005$$

$$R = 1.0000$$

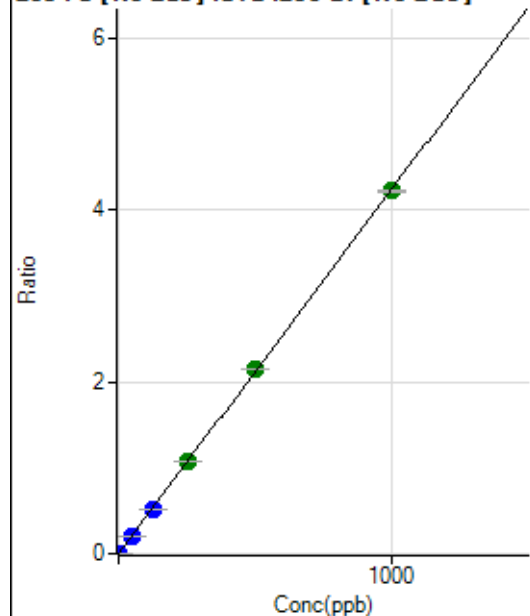
$$DL = 0.05856$$

$$BEC = 0.08994$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1303.78	0.0004	P	8.2
2	☐	0.100					
3	☐	1.000	0.901	16104.51	0.0042	P	0.8
4	☐	50.000	49.293	809570.04	0.2092	P	1.0
5	☐	125.000	123.299	2041957.93	0.5228	P	0.6
6	☐	250.000	253.568	4191981.48	1.0747	A	0.2
7	☐	500.000	505.994	8348235.37	2.1442	A	0.4
8	☐	1000.000	996.359	16700047.1	4.2218	A	0.6
9	☐			89802.56	0.0237	P	1.6

$$y = 0.0042 * x + 3.5861\text{E-}004$$

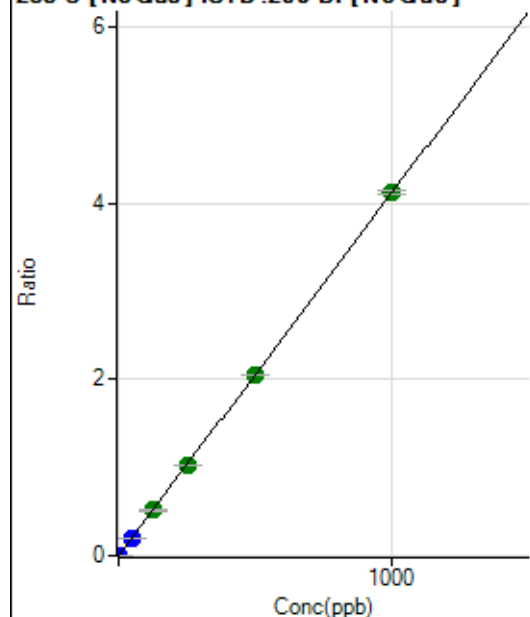
$$R = 1.0000$$

$$DL = 0.02091$$

$$BEC = 0.08464$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	380.58	0.0001	P	24.3
2	☐	0.100					
3	☐	1.000	0.879	14347.86	0.0037	P	3.1
4	☐	50.000	49.010	780673.65	0.2017	P	0.7
5	☐	125.000	125.266	2013491.95	0.5155	A	1.4
6	☐	250.000	249.892	4010507.82	1.0282	A	1.2
7	☐	500.000	497.774	7973789.59	2.0480	A	0.3
8	☐	1000.000	1001.157	16293224.6	4.1191	A	1.1
9	☐			1536.29	0.0004	P	4.5

$$y = 0.0041 * x + 1.0440E-004$$

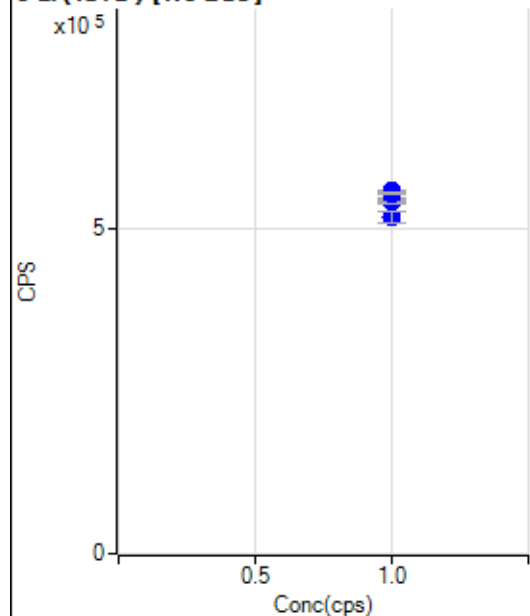
$$R = 1.0000$$

$$DL = 0.01847$$

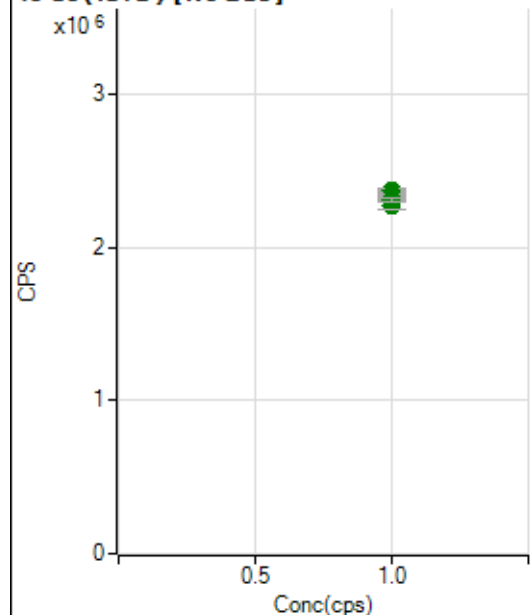
$$BEC = 0.02538$$

Weight: <None>

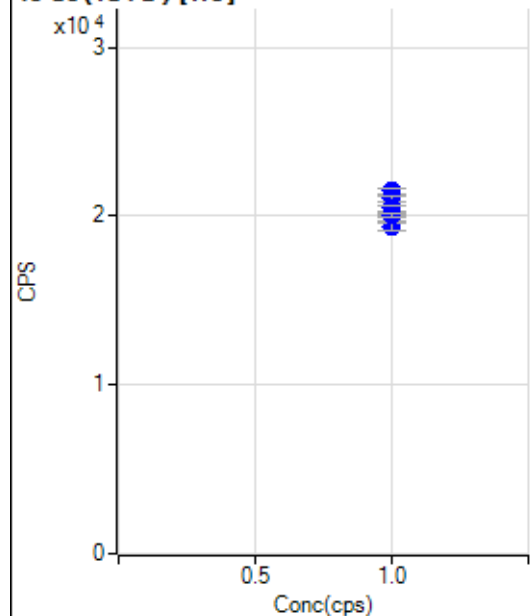
Min Conc: 0

6 Li (ISTD) [No Gas]

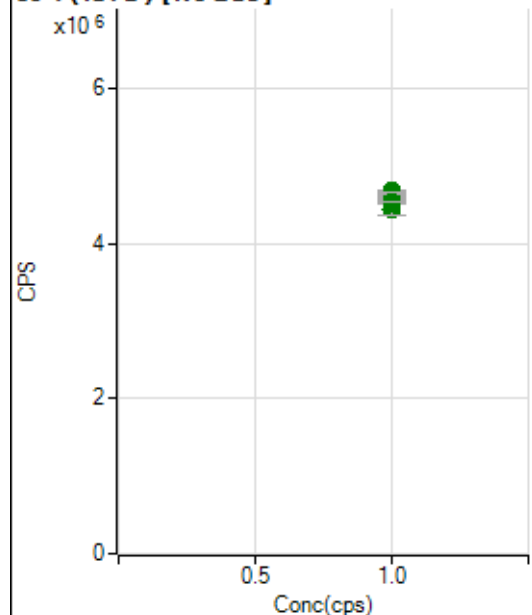
	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		516899.35		P	3.3
2	☐	1.000					
3	☐	1.000		545222.03		P	0.5
4	☐	1.000		554249.11		P	0.7
5	☐	1.000		556974.64		P	0.2
6	☐	1.000		553089.72		P	0.5
7	☐	1.000		545312.72		P	0.1
8	☐	1.000		539314.56		P	0.4
9	☐	1.000		553507.48		P	0.9

45 Sc (ISTD) [No Gas]

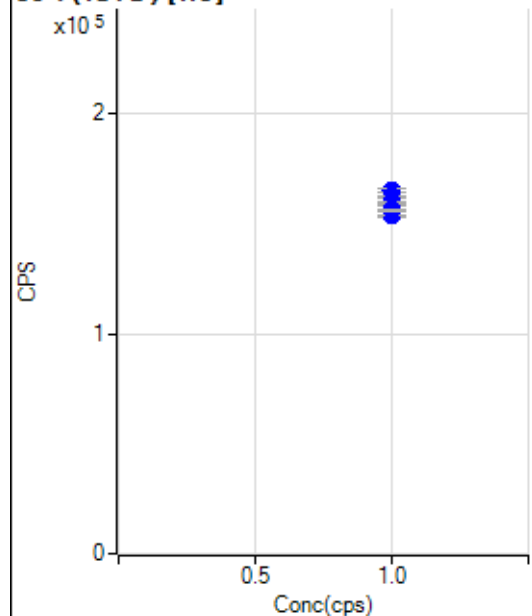
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2277684.71		A	3.0
2	☐	1.000					
3	☐	1.000		2350059.25		A	1.0
4	☐	1.000		2340141.83		A	0.8
5	☐	1.000		2326387.14		A	0.7
6	☐	1.000		2359313.81		A	1.0
7	☐	1.000		2368499.81		A	0.9
8	☐	1.000		2345627.70		A	0.2
9	☐	1.000		2308400.88		A	0.8

45 Sc (ISTD) [He]

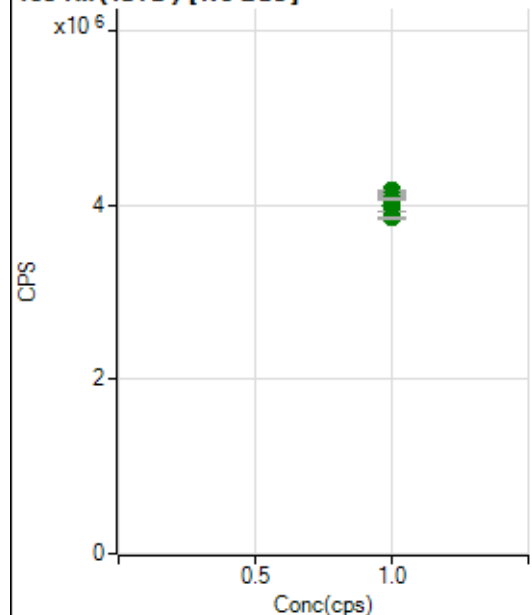
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		21489.95		P	1.3
2	☐	1.000					
3	☐	1.000		21018.11		P	1.5
4	☐	1.000		20133.49		P	1.5
5	☐	1.000		19893.19		P	1.8
6	☐	1.000		20262.67		P	3.4
7	☐	1.000		20488.47		P	1.6
8	☐	1.000		19351.31		P	2.1
9	☐	1.000		20051.17		P	1.6

89 Y (ISTD) [No Gas]

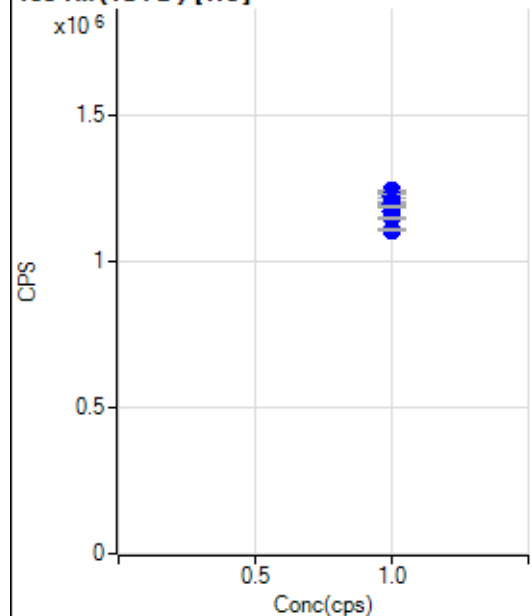
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4432595.31		A	3.1
2	☐	1.000					
3	☐	1.000		4573969.51		A	1.4
4	☐	1.000		4515603.82		A	0.5
5	☐	1.000		4566353.27		A	0.2
6	☐	1.000		4591026.21		A	0.7
7	☐	1.000		4674024.51		A	0.6
8	☐	1.000		4641062.19		A	0.4
9	☐	1.000		4530321.43		A	0.1

89 Y (ISTD) [He]

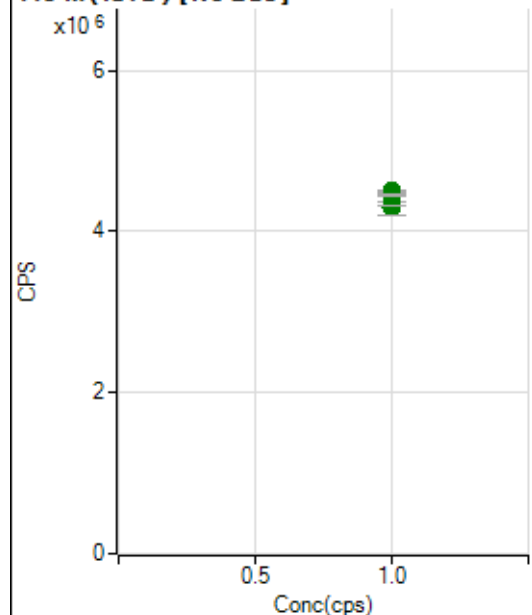
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		164980.49		P	1.0
2	☐	1.000					
3	☐	1.000		162297.25		P	0.7
4	☐	1.000		158694.80		P	0.5
5	☐	1.000		159000.70		P	0.7
6	☐	1.000		156202.66		P	3.7
7	☐	1.000		159720.98		P	0.6
8	☐	1.000		154178.77		P	0.2
9	☐	1.000		156211.88		P	0.7

103 Rh (ISTD) [No Gas]

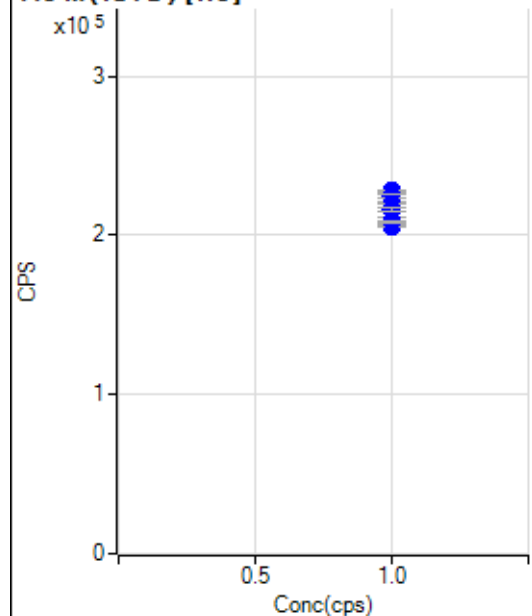
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3997274.39		A	3.8
2	☐	1.000					
3	☐	1.000		4158172.05		A	0.8
4	☐	1.000		4098217.02		A	0.3
5	☐	1.000		4110100.05		A	0.6
6	☐	1.000		4093120.66		A	0.4
7	☐	1.000		4104996.66		A	0.5
8	☐	1.000		4058696.79		A	0.6
9	☐	1.000		3846197.44		A	0.7

103 Rh (ISTD) [He]

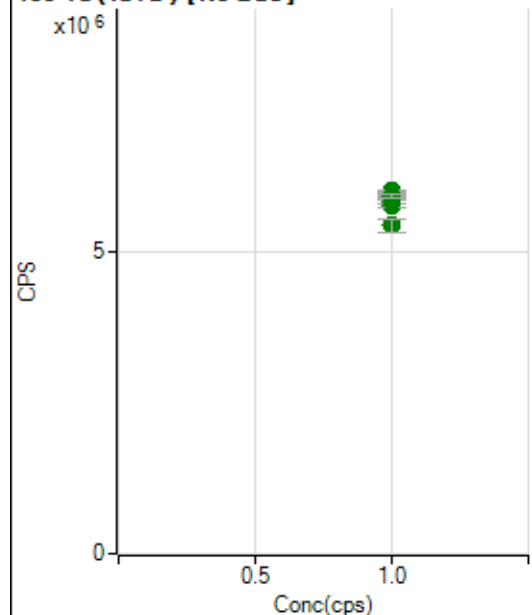
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1239368.18		P	0.6
2	☐	1.000					
3	☐	1.000		1221062.15		P	1.3
4	☐	1.000		1199925.43		P	0.4
5	☐	1.000		1195069.82		P	0.8
6	☐	1.000		1169222.32		P	3.5
7	☐	1.000		1185832.60		P	0.2
8	☐	1.000		1146515.82		P	0.5
9	☐	1.000		1106120.47		P	0.4

115 In (ISTD) [No Gas]

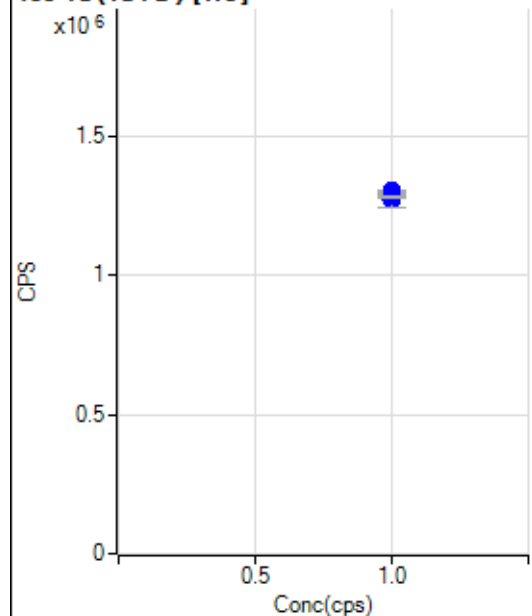
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4289206.97		A	3.8
2	☐	1.000					
3	☐	1.000		4442972.89		A	0.6
4	☐	1.000		4452294.15		A	0.8
5	☐	1.000		4498923.02		A	0.3
6	☐	1.000		4491424.42		A	0.2
7	☐	1.000		4505118.80		A	0.3
8	☐	1.000		4458222.38		A	0.3
9	☐	1.000		4314921.84		A	0.2

115 In (ISTD) [He]

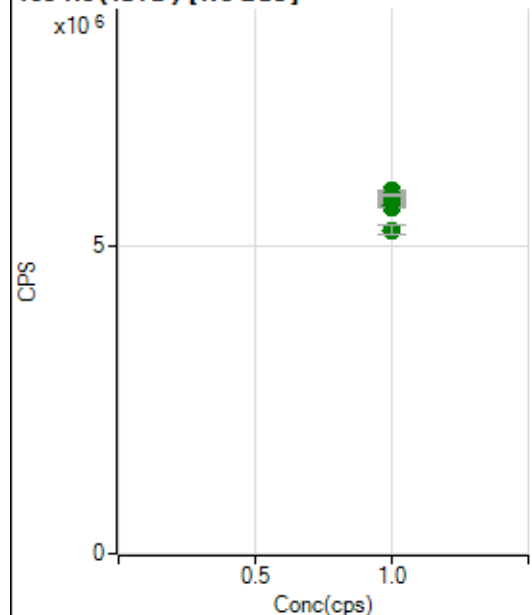
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		227952.39		P	0.5
2	☐	1.000					
3	☐	1.000		225167.27		P	0.9
4	☐	1.000		220135.76		P	0.6
5	☐	1.000		219649.09		P	0.2
6	☐	1.000		215799.69		P	3.5
7	☐	1.000		216306.05		P	0.6
8	☐	1.000		205760.82		P	0.5
9	☐	1.000		208890.99		P	0.5

159 Tb (ISTD) [No Gas]

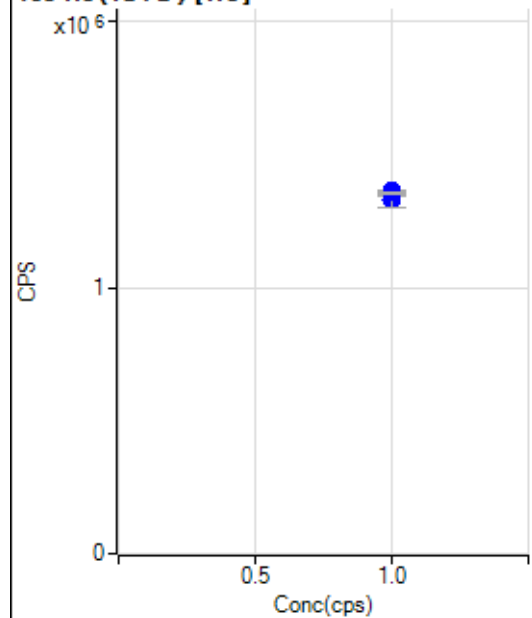
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5436726.55		A	3.8
2	☐	1.000					
3	☐	1.000		5755732.83		A	1.2
4	☐	1.000		5759739.84		A	0.9
5	☐	1.000		5835497.34		A	1.2
6	☐	1.000		5874801.79		A	1.0
7	☐	1.000		5939439.77		A	0.4
8	☐	1.000		6008505.82		A	0.3
9	☐	1.000		5920066.51		A	1.1

159 Tb (ISTD) [He]

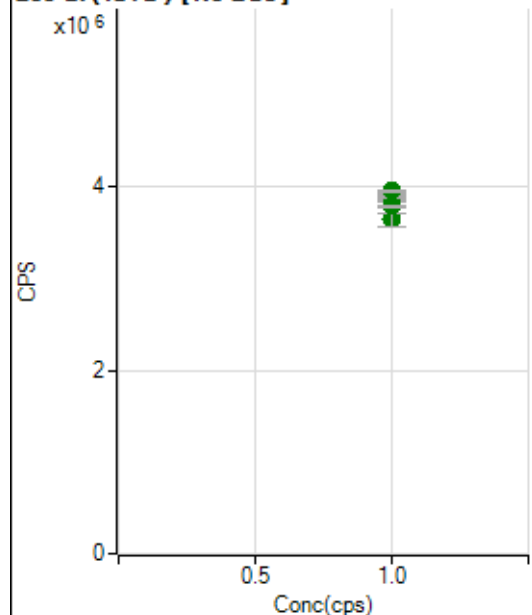
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1296302.92		P	0.3
2	☐	1.000					
3	☐	1.000		1286146.25		P	0.9
4	☐	1.000		1280465.35		P	0.1
5	☐	1.000		1284782.23		P	0.6
6	☐	1.000		1268114.26		P	4.3
7	☐	1.000		1301333.62		P	0.6
8	☐	1.000		1295687.09		P	0.5
9	☐	1.000		1280956.21		P	0.6

165 Ho (ISTD) [No Gas]

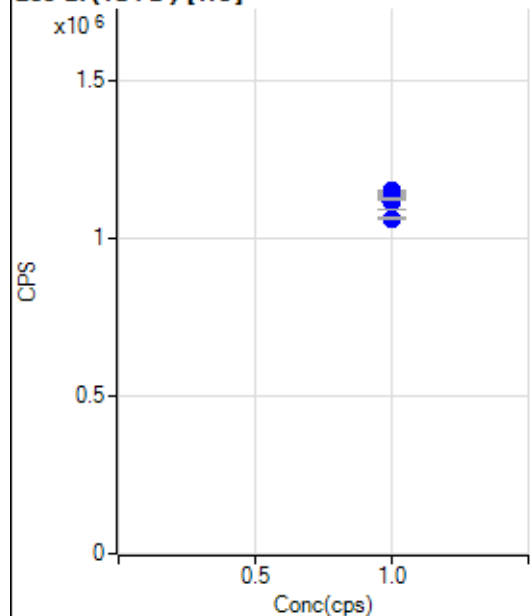
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5249465.05		A	3.0
2	☐	1.000					
3	☐	1.000		5623667.79		A	0.5
4	☐	1.000		5633851.77		A	1.2
5	☐	1.000		5711021.39		A	0.6
6	☐	1.000		5759535.63		A	0.8
7	☐	1.000		5846651.69		A	0.4
8	☐	1.000		5882813.93		A	0.5
9	☐	1.000		5813260.63		A	0.5

165 Ho (ISTD) [He]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1359239.41		P	0.1
2	☐	1.000					
3	☐	1.000		1346544.33		P	0.8
4	☐	1.000		1348231.52		P	0.5
5	☐	1.000		1350310.48		P	0.9
6	☐	1.000		1328636.51		P	3.6
7	☐	1.000		1364225.29		P	0.4
8	☐	1.000		1363874.34		P	0.0
9	☐	1.000		1356603.52		P	0.5

209 Bi (ISTD) [No Gas]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3640859.35		A	3.7
2	☐	1.000					
3	☐	1.000		3855829.67		A	0.5
4	☐	1.000		3869820.50		A	0.6
5	☐	1.000		3906092.86		A	0.2
6	☐	1.000		3900608.45		A	0.7
7	☐	1.000		3893325.18		A	0.9
8	☐	1.000		3955616.57		A	0.2
9	☐	1.000		3787174.46		A	0.7

209 Bi (ISTD) [He]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1150009.58		P	0.2
2	☐	1.000					
3	☐	1.000		1140419.03		P	0.2
4	☐	1.000		1131043.85		P	0.4
5	☐	1.000		1138785.04		P	0.3
6	☐	1.000		1113013.49		P	3.5
7	☐	1.000		1131681.55		P	0.2
8	☐	1.000		1124262.59		P	0.2
9	☐	1.000		1063230.52		P	0.4

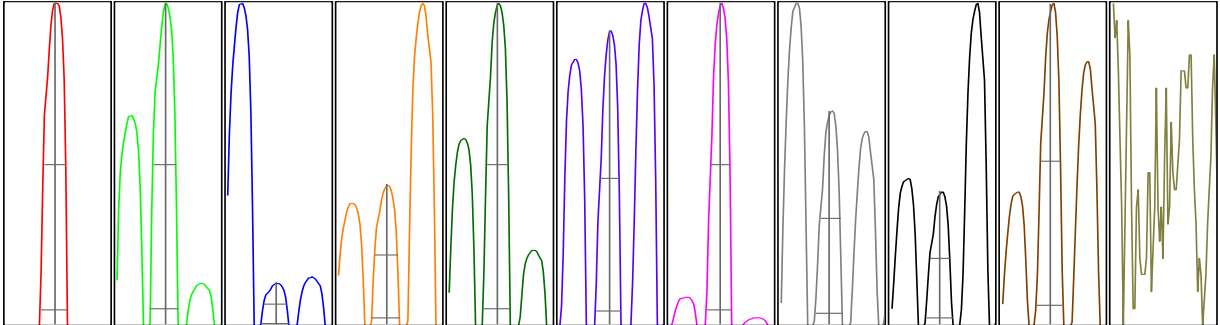
US EPA Tune Check Sample Report

Batch Folder D:\P8041818-MS .bb
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	3306	0.65	5.00	
24	35205	0.56	5.00	
25	4671	0.49	5.00	
26	5303	0.49	5.00	
59	41978	0.28	5.00	
113	6189	0.47	5.00	
115	77281	0.76	5.00	
206	19075	0.33	5.00	
207	17203	0.47	5.00	
208	41237	0.70	5.00	
220	1	19.61		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	3279	3298	3337	3306	3313
24	34881	35176	35290	35398	35282
25	4637	4658	4679	4688	4692
26	5264	5296	5311	5335	5308
59	41973	42134	41985	41989	41807
113	6141	6194	6210	6212	6187
115	76465	77126	77118	77958	77736
206	19027	19132	18994	19091	19130
207	17107	17205	17170	17204	17327
208	40871	41026	41501	41259	41531
220	1	1	1	1	2

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width-X% (Flag)
9	5491	8.95	8.9 - 9.1		0.780	0.900	
24	57863	23.95	23.9 - 24.1		0.786	0.900	
25	7685	24.95	24.9 - 25.1		0.786	0.900	
26	8775	25.95	25.9 - 26.1		0.785	0.900	
59	71457	58.95	58.9 - 59.1		0.779	0.900	
113	11586	113.00	112.9 - 113.1		0.727	0.900	
115	143250	115.00	114.9 - 115.1		0.722	0.900	
206	34624	205.95	205.9 - 206.1		0.774	0.900	
207	31503	206.95	206.9 - 207.1		0.772	0.900	
208	75797	207.95	207.9 - 208.1		0.775	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	11.4	V	Deflect	13.8	V
Extract 2	-225.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-100	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	160	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	5927	0.61	
89	1903	0.39	
205	9921	0.40	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	5968	5934	5905	5951	5879
89	1893	1899	1907	1912	1906
205	9935	9902	9910	9876	9981

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	11.4	V	Deflect	1.6	V
Extract 2	-225.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-100	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:12:19	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.36	-1.37	2.73	0.00	N/A	ppb
Antimony	121-1	-0.02	0.00	0.02	0.00	N/A	ppb
Arsenic	75-2	0.04	-0.01	-0.03	0.00	N/A	ppb
Barium	135-1	0.02	0.00	-0.02	0.00	N/A	ppb
Barium	137-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.30	-0.46	0.16	0.00	N/A	ppb
Boron	11-1	0.02	0.03	-0.04	0.00	N/A	ppb
Cadmium	111-1	0.01	0.04	-0.06	0.00	N/A	ppb
Cadmium	106-1	0.25	0.49	-0.74	0.00	N/A	ppb
Cadmium	108-1	0.03	-0.01	-0.02	0.00	N/A	ppb
Calcium	43-1	-2.36	8.41	-6.05	0.00	N/A	ppb
Calcium	44-1	-1.19	2.75	-1.56	0.00	N/A	ppb
Chromium	52-2	0.03	0.01	-0.04	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.01	-0.04	0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.39	0.01	-0.40	0.00	N/A	ppb
Iron	57-2	0.46	-1.35	0.89	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	207-1	-0.02	0.01	0.01	0.00	N/A	ppb
Lead	208-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-1.49	-1.04	2.52	0.00	N/A	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:12:19	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	-0.04	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.04	0.02	0.02	0.00	N/A	ppb
Molybdenum	95-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Molybdenum	96-1	-0.03	0.00	0.03	0.00	N/A	ppb
Molybdenum	97-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.02	-0.02	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.08	0.08	0.00	N/A	ppb
Phosphorus	31-2	53.62	53.06	-33.94	24.25	207.82	ppb
Potassium	39-2	2.20	-1.47	-0.73	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-6.62	-0.07	6.69	0.00	N/A	ppb
Selenium	78-2	0.01	1.04	-1.06	0.00	N/A	ppb
Selenium	82-1	0.39	-0.57	0.18	0.00	N/A	ppb
Silicon	28-1	-5.88	4.72	1.16	0.00	N/A	ppb
Silver	109-1	0.00	-0.01	0.01	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-1.26	1.73	-0.47	0.00	N/A	ppb
Strontium	86-1	0.03	-0.02	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-348.88	717.98	248.84	205.98	259.60	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	-0.04	0.03	0.00	N/A	ppb
Titanium	47-1	0.04	-0.05	0.02	0.00	N/A	ppb
Uranium	238-1	-0.01	0.00	0.01	0.00	N/A	ppb
Vanadium	51-2	0.01	-0.01	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.14	-0.10	-0.04	0.00	N/A	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:12:19	DataFile Name :	003CALB.d

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

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:19:45	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31.46	17.69	13.72	20.96	44.44	ppb
Antimony	121-1	1.88	1.98	1.85	1.90	3.64	ppb
Arsenic	75-2	0.82	0.63	0.95	0.80	19.85	ppb
Barium	135-1	9.60	9.92	9.60	9.71	1.92	ppb
Barium	137-1	9.32	9.46	9.43	9.40	0.77	ppb
Beryllium	9-1	1.01	0.98	0.89	0.96	6.45	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	24.68	19.72	23.46	22.62	11.44	ppb
Boron	11-1	23.04	21.03	23.26	22.44	5.48	ppb
Cadmium	111-1	0.84	0.94	0.97	0.92	7.36	ppb
Cadmium	106-1	0.16	0.36	0.04	0.19	85.44	ppb
Cadmium	108-1	0.79	0.66	0.81	0.75	10.71	ppb
Calcium	43-1	441.79	406.06	435.06	427.64	4.44	ppb
Calcium	44-1	453.48	448.63	440.86	447.66	1.42	ppb
Chromium	52-2	1.82	1.86	1.67	1.78	5.70	ppb
Cobalt	59-2	1.00	0.96	0.86	0.94	7.39	ppb
Copper	63-2	2.00	1.77	1.84	1.87	6.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	48.78	47.73	48.18	48.23	1.09	ppb
Iron	57-2	55.09	46.11	39.69	46.96	16.48	ppb
Krypton	83-1						cps
Lead	206-1	0.88	0.90	0.91	0.89	1.68	ppb
Lead	207-1	0.95	0.88	0.87	0.90	4.81	ppb
Lead	208-1	0.90	0.90	0.91	0.90	0.85	ppb
Lithium	6-1				105		%
Magnesium	24-2	432.74	472.40	480.33	461.82	5.52	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:19:45	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.84	0.69	1.00	0.84	18.32	ppb
Molybdenum	94-1	4.22	4.68	4.51	4.47	5.25	ppb
Molybdenum	95-1	4.63	4.56	4.55	4.58	0.97	ppb
Molybdenum	96-1	4.52	4.73	4.37	4.54	3.98	ppb
Molybdenum	97-1	4.51	4.52	4.61	4.54	1.22	ppb
Molybdenum	98-1	4.47	4.65	4.42	4.51	2.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.63	0.90	1.07	0.87	25.22	ppb
Phosphorus	31-2	-33.94	-4.87	-33.94	-24.25		ppb
Potassium	39-2	463.31	453.58	464.60	460.49	1.31	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	77-2	-6.62	6.93	-6.62	-2.10		ppb
Selenium	78-2	2.16	3.29	6.51	3.99	56.65	ppb
Selenium	82-1	6.05	5.04	3.94	5.01	21.04	ppb
Silicon	28-1	6.19	9.98	7.12	7.76	25.47	ppb
Silver	109-1	0.94	0.95	0.86	0.92	5.33	ppb
Silver	107-1	0.97	1.01	1.01	0.99	2.25	ppb
Sodium	23-2	474.50	456.65	476.91	469.35	2.36	ppb
Strontium	86-1	0.87	1.18	0.98	1.01	15.63	ppb
Strontium	88-1	0.92	0.93	0.93	0.93	0.61	ppb
Sulfur	34-1	-319.35	-41.55	-257.04	-205.98		ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	0.95	0.84	0.91	0.90	6.32	ppb
Thallium	205-1	0.88	0.91	0.93	0.91	2.89	ppb
Tin	118-1	4.57	4.44	4.64	4.55	2.20	ppb
Titanium	47-1	4.59	5.06	4.47	4.70	6.63	ppb
Uranium	238-1	0.91	0.85	0.88	0.88	3.16	ppb
Vanadium	51-2	5.12	4.57	4.55	4.75	6.79	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	1.74	1.53	2.04	1.77	14.65	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:19:45	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.86	0.91	0.86	0.87	3.41	ppb
Zirconium	91-1	0.91	0.92	0.95	0.93	2.09	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:23:43	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	954.23	1065.63	985.83	1001.90	5.73	ppb
Antimony	121-1	48.66	49.74	49.96	49.45	1.41	ppb
Arsenic	75-2	50.07	49.83	50.73	50.21	0.93	ppb
Barium	135-1	251.01	253.69	254.48	253.06	0.72	ppb
Barium	137-1	249.64	255.67	256.71	254.00	1.50	ppb
Beryllium	9-1	49.80	50.76	50.45	50.34	0.98	ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Boron	10-1	46.01	45.77	47.81	46.53	2.40	ppb
Boron	11-1	48.85	47.47	49.52	48.61	2.15	ppb
Cadmium	111-1	51.59	51.00	51.84	51.48	0.83	ppb
Cadmium	106-1	49.48	48.82	51.43	49.91	2.72	ppb
Cadmium	108-1	50.89	53.44	51.82	52.05	2.48	ppb
Calcium	43-1	4781.54	4962.71	4828.30	4857.52	1.94	ppb
Calcium	44-1	4803.17	4910.11	4856.96	4856.75	1.10	ppb
Chromium	52-2	50.40	51.61	50.86	50.96	1.20	ppb
Cobalt	59-2	50.33	51.09	51.68	51.04	1.33	ppb
Copper	63-2	99.20	101.85	101.67	100.91	1.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	2590.00	2623.76	2624.45	2612.74	0.75	ppb
Iron	57-2	2463.66	2641.36	2619.08	2574.70	3.76	ppb
Krypton	83-1						cps
Lead	206-1	49.00	48.93	49.54	49.16	0.68	ppb
Lead	207-1	48.59	48.17	49.08	48.61	0.94	ppb
Lead	208-1	48.81	49.27	49.80	49.29	1.00	ppb
Lithium	6-1				107		%
Magnesium	24-2	5071.80	5188.29	5085.78	5115.29	1.24	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:23:43	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	100.64	100.75	101.10	100.83	0.24	ppb
Molybdenum	94-1	252.79	251.00	251.77	251.85	0.36	ppb
Molybdenum	95-1	250.69	249.18	249.64	249.84	0.31	ppb
Molybdenum	96-1	253.82	247.59	250.38	250.60	1.25	ppb
Molybdenum	97-1	253.07	247.38	255.39	251.94	1.64	ppb
Molybdenum	98-1	251.65	248.23	250.16	250.01	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.27	51.84	51.39	51.17	1.58	ppb
Phosphorus	31-2	996.42	992.51	805.47	931.47	11.72	ppb
Potassium	39-2	2517.78	2531.92	2444.46	2498.05	1.88	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				94		%
Selenium	77-2	62.41	48.15	41.75	50.77	20.83	ppb
Selenium	78-2	36.56	38.44	48.78	41.26	15.95	ppb
Selenium	82-1	53.35	51.85	50.81	52.00	2.45	ppb
Silicon	28-1	56.72	57.87	59.53	58.04	2.44	ppb
Silver	109-1	50.58	51.66	51.88	51.38	1.35	ppb
Silver	107-1	51.74	52.37	52.23	52.12	0.63	ppb
Sodium	23-2	5024.54	5183.17	5096.43	5101.38	1.56	ppb
Strontium	86-1	50.21	50.58	50.54	50.45	0.40	ppb
Strontium	88-1	50.98	50.71	50.96	50.88	0.30	ppb
Sulfur	34-1	968.72	1057.28	1261.73	1095.91	13.71	ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	49.20	48.47	49.56	49.07	1.13	ppb
Thallium	205-1	49.97	49.43	50.47	49.96	1.04	ppb
Tin	118-1	49.58	50.62	50.34	50.18	1.07	ppb
Titanium	47-1	246.26	246.53	248.35	247.05	0.46	ppb
Uranium	238-1	48.68	48.99	49.36	49.01	0.70	ppb
Vanadium	51-2	49.89	50.85	49.57	50.11	1.33	ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	103.08	104.23	103.17	103.49	0.62	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:23:43	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.41	49.13	50.08	49.54	0.99	ppb
Zirconium	91-1	49.24	48.76	49.05	49.02	0.50	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 16:27:29 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2572.37	2682.75	2584.22	2613.11	2.32	ppb
Antimony	121-1	126.69	123.17	123.96	124.61	1.48	ppb
Arsenic	75-2	125.30	128.47	126.87	126.88	1.25	ppb
Barium	135-1	638.18	632.51	627.65	632.78	0.83	ppb
Barium	137-1	639.95	627.78	623.17	630.30	1.37	ppb
Beryllium	9-1	126.47	125.12	125.24	125.61	0.60	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	119.21	118.99	122.43	120.21	1.60	ppb
Boron	11-1	118.95	119.64	123.48	120.69	2.02	ppb
Cadmium	111-1	129.52	128.33	126.32	128.06	1.26	ppb
Cadmium	106-1	127.62	132.56	124.12	128.10	3.31	ppb
Cadmium	108-1	128.00	128.81	127.70	128.17	0.45	ppb
Calcium	43-1	11969.25	12121.39	12093.20	12061.28	0.67	ppb
Calcium	44-1	12275.18	12519.05	12349.00	12381.08	1.01	ppb
Chromium	52-2	131.89	127.89	127.70	129.16	1.83	ppb
Cobalt	59-2	131.96	127.31	128.96	129.41	1.82	ppb
Copper	63-2	261.21	252.39	252.50	255.36	1.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				99		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	56-2	6882.63	6715.77	6722.64	6773.68	1.39	ppb
Iron	57-2	6588.85	6442.95	6334.36	6455.38	1.98	ppb
Krypton	83-1						cps
Lead	206-1	122.37	124.71	122.57	123.22	1.05	ppb
Lead	207-1	120.75	122.30	122.07	121.71	0.69	ppb
Lead	208-1	122.51	124.02	123.37	123.30	0.61	ppb
Lithium	6-1				108		%
Magnesium	24-2	13349.21	12936.82	13133.87	13139.97	1.57	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:27:29	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	264.64	253.31	257.50	258.48	2.22	ppb
Molybdenum	94-1	625.42	625.81	631.72	627.65	0.56	ppb
Molybdenum	95-1	630.11	632.83	636.75	633.23	0.53	ppb
Molybdenum	96-1	630.70	633.91	640.73	635.11	0.81	ppb
Molybdenum	97-1	626.57	627.17	626.74	626.83	0.05	ppb
Molybdenum	98-1	631.15	635.82	638.46	635.14	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.38	129.31	128.84	130.84	2.35	ppb
Phosphorus	31-2	2228.31	2275.01	2072.46	2191.92	4.84	ppb
Potassium	39-2	6687.41	6382.92	6340.10	6470.14	2.93	ppb
Rhodium	103-1				103		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				93		%
Selenium	77-2	125.01	54.94	123.56	101.17	39.58	ppb
Selenium	78-2	128.85	103.08	139.50	123.81	15.12	ppb
Selenium	82-1	128.72	127.82	127.60	128.05	0.46	ppb
Silicon	28-1	157.47	158.27	155.85	157.20	0.78	ppb
Silver	109-1	127.28	126.67	124.81	126.25	1.02	ppb
Silver	107-1	128.47	128.49	126.85	127.94	0.74	ppb
Sodium	23-2	13100.93	12725.76	12782.32	12869.67	1.57	ppb
Strontium	86-1	125.94	124.52	125.73	125.40	0.61	ppb
Strontium	88-1	125.80	128.28	129.19	127.76	1.37	ppb
Sulfur	34-1	2577.22	2938.15	2606.25	2707.21	7.41	ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	123.83	123.36	123.02	123.40	0.33	ppb
Thallium	205-1	124.94	125.38	123.90	124.74	0.61	ppb
Tin	118-1	125.78	124.83	123.41	124.67	0.95	ppb
Titanium	47-1	614.55	632.31	615.10	620.65	1.63	ppb
Uranium	238-1	123.43	125.53	126.84	125.27	1.37	ppb
Vanadium	51-2	128.98	126.17	128.02	127.72	1.12	ppb
Yttrium	89-1				103		%
Yttrium	89-2				96		%
Zinc	66-2	263.32	262.61	259.47	261.80	0.78	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:27:29	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	124.83	125.53	124.09	124.82	0.58	ppb
Zirconium	91-1	122.06	122.57	122.57	122.40	0.24	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:31:10	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5183.48	4978.30	5391.93	5184.57	3.99	ppb
Antimony	121-1	251.78	246.77	251.72	250.09	1.15	ppb
Arsenic	75-2	253.09	256.69	266.82	258.87	2.75	ppb
Barium	135-1	1262.12	1252.38	1266.44	1260.31	0.57	ppb
Barium	137-1	1278.59	1247.87	1289.72	1272.06	1.70	ppb
Beryllium	9-1	252.25	252.64	254.27	253.05	0.42	ppb
Bismuth	209-1				107		%
Bismuth	209-2				97		%
Boron	10-1	240.88	237.10	251.44	243.14	3.06	ppb
Boron	11-1	239.03	242.70	253.84	245.19	3.15	ppb
Cadmium	111-1	256.68	253.30	257.79	255.92	0.91	ppb
Cadmium	106-1	256.01	248.85	262.45	255.77	2.66	ppb
Cadmium	108-1	257.74	253.49	260.37	257.20	1.35	ppb
Calcium	43-1	23987.81	24506.36	24229.45	24241.21	1.07	ppb
Calcium	44-1	24059.63	24726.31	24549.83	24445.26	1.41	ppb
Chromium	52-2	248.43	250.88	262.63	253.98	2.99	ppb
Cobalt	59-2	251.78	249.97	265.40	255.72	3.30	ppb
Copper	63-2	498.61	494.93	525.52	506.35	3.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				98		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	56-2	12942.74	12851.08	13707.44	13167.09	3.57	ppb
Iron	57-2	12547.65	12518.70	13352.25	12806.20	3.69	ppb
Krypton	83-1						cps
Lead	206-1	251.42	250.00	251.03	250.82	0.29	ppb
Lead	207-1	246.69	246.84	247.47	247.00	0.17	ppb
Lead	208-1	254.12	252.93	253.66	253.57	0.24	ppb
Lithium	6-1				107		%
Magnesium	24-2	25434.89	25361.57	26635.80	25810.75	2.77	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:31:10	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	504.54	501.48	534.64	513.55	3.57	ppb
Molybdenum	94-1	1271.56	1257.24	1280.46	1269.75	0.92	ppb
Molybdenum	95-1	1262.82	1254.40	1282.84	1266.69	1.15	ppb
Molybdenum	96-1	1267.48	1262.53	1284.19	1271.40	0.89	ppb
Molybdenum	97-1	1269.45	1252.33	1287.72	1269.83	1.39	ppb
Molybdenum	98-1	1257.17	1248.27	1270.43	1258.62	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	252.12	248.39	266.69	255.73	3.78	ppb
Phosphorus	31-2	4591.43	4927.23	5508.35	5009.00	9.26	ppb
Potassium	39-2	12441.17	12717.67	13271.46	12810.10	3.30	ppb
Rhodium	103-1				102		%
Rhodium	103-2				94		%
Scandium	45-1				104		%
Scandium	45-2				94		%
Selenium	77-2	299.29	228.20	256.35	261.28	13.70	ppb
Selenium	78-2	284.38	223.61	286.92	264.97	13.53	ppb
Selenium	82-1	250.87	249.80	259.26	253.31	2.05	ppb
Silicon	28-1	317.68	334.48	327.59	326.58	2.59	ppb
Silver	109-1	254.57	251.14	254.69	253.47	0.80	ppb
Silver	107-1	258.48	251.79	257.39	255.89	1.40	ppb
Sodium	23-2	25286.25	24994.42	26525.55	25602.07	3.18	ppb
Strontium	86-1	248.39	250.85	252.67	250.64	0.86	ppb
Strontium	88-1	256.00	252.80	259.21	256.01	1.25	ppb
Sulfur	34-1	4911.64	5215.95	4961.84	5029.81	3.24	ppb
Terbium	159-1				108		%
Terbium	159-2				98		%
Thallium	203-1	246.20	245.53	247.61	246.45	0.43	ppb
Thallium	205-1	253.08	252.89	253.52	253.16	0.13	ppb
Tin	118-1	249.94	245.45	251.07	248.82	1.20	ppb
Titanium	47-1	1213.32	1232.56	1234.46	1226.78	0.95	ppb
Uranium	238-1	246.93	250.02	252.73	249.89	1.16	ppb
Vanadium	51-2	249.40	248.42	262.64	253.49	3.13	ppb
Yttrium	89-1				104		%
Yttrium	89-2				95		%
Zinc	66-2	495.93	507.73	534.22	512.63	3.83	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:31:10	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	257.50	254.95	258.39	256.95	0.69	ppb
Zirconium	91-1	242.79	243.40	247.82	244.67	1.12	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:34:47	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10167.99	10109.60	10519.02	10265.53	2.16	ppb
Antimony	121-1	507.39	515.68	510.47	511.18	0.82	ppb
Arsenic	75-2	501.67	501.37	504.15	502.40	0.30	ppb
Barium	135-1	2546.47	2551.20	2560.83	2552.83	0.29	ppb
Barium	137-1	2524.26	2530.44	2531.72	2528.81	0.16	ppb
Beryllium	9-1	505.53	507.08	508.89	507.16	0.33	ppb
Bismuth	209-1				107		%
Bismuth	209-2				98		%
Boron	10-1	475.09	499.11	491.21	488.47	2.51	ppb
Boron	11-1	496.83	495.30	514.60	502.24	2.14	ppb
Cadmium	111-1	511.17	505.21	510.90	509.09	0.66	ppb
Cadmium	106-1	513.96	490.99	515.49	506.81	2.71	ppb
Cadmium	108-1	515.27	507.38	500.94	507.87	1.41	ppb
Calcium	43-1	48729.02	48948.50	47989.59	48555.70	1.03	ppb
Calcium	44-1	47951.78	49001.11	48171.19	48374.69	1.14	ppb
Chromium	52-2	499.79	497.33	505.65	500.93	0.85	ppb
Cobalt	59-2	497.19	496.41	504.99	499.53	0.95	ppb
Copper	63-2	977.01	976.94	999.32	984.42	1.31	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				111		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	56-2	25737.87	25343.74	26026.40	25702.67	1.33	ppb
Iron	57-2	25082.47	24948.59	25336.93	25122.66	0.79	ppb
Krypton	83-1						cps
Lead	206-1	510.05	505.86	509.32	508.41	0.44	ppb
Lead	207-1	505.19	499.89	502.88	502.65	0.53	ppb
Lead	208-1	506.68	503.81	507.50	505.99	0.38	ppb
Lithium	6-1				105		%
Magnesium	24-2	50074.37	49591.96	51395.84	50354.06	1.85	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:34:47	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	993.01	990.19	1021.97	1001.72	1.76	ppb
Molybdenum	94-1	2518.38	2484.02	2511.47	2504.62	0.73	ppb
Molybdenum	95-1	2497.67	2484.71	2509.04	2497.14	0.49	ppb
Molybdenum	96-1	2519.17	2465.74	2508.70	2497.87	1.13	ppb
Molybdenum	97-1	2532.76	2516.39	2516.43	2521.86	0.37	ppb
Molybdenum	98-1	2515.43	2487.15	2491.03	2497.87	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.38	492.94	510.69	499.67	1.93	ppb
Phosphorus	31-2	10583.01	9587.94	10950.62	10373.86	6.80	ppb
Potassium	39-2	24707.80	24477.64	24991.30	24725.58	1.04	ppb
Rhodium	103-1				103		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				95		%
Selenium	77-2	552.47	579.06	511.62	547.72	6.20	ppb
Selenium	78-2	527.79	514.62	472.13	504.84	5.76	ppb
Selenium	82-1	507.60	500.15	500.69	502.82	0.83	ppb
Silicon	28-1	547.12	559.58	537.03	547.91	2.06	ppb
Silver	109-1	510.83	515.65	516.04	514.17	0.56	ppb
Silver	107-1	516.47	505.87	519.82	514.05	1.42	ppb
Sodium	23-2	51226.20	50509.74	51872.57	51202.84	1.33	ppb
Strontium	86-1	494.00	491.98	494.27	493.42	0.25	ppb
Strontium	88-1	502.11	498.95	500.64	500.57	0.32	ppb
Sulfur	34-1	10143.77	10220.01	9691.32	10018.36	2.85	ppb
Terbium	159-1				109		%
Terbium	159-2				100		%
Thallium	203-1	509.17	514.80	512.10	512.02	0.55	ppb
Thallium	205-1	506.03	505.57	509.94	507.18	0.47	ppb
Tin	118-1	505.56	504.89	509.30	506.58	0.47	ppb
Titanium	47-1	2543.41	2553.39	2526.44	2541.08	0.54	ppb
Uranium	238-1	498.41	496.15	498.77	497.77	0.29	ppb
Vanadium	51-2	496.12	488.96	503.34	496.14	1.45	ppb
Yttrium	89-1				105		%
Yttrium	89-2				97		%
Zinc	66-2	999.26	988.02	1026.73	1004.67	1.98	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:34:47	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	508.53	496.99	506.28	503.93	1.21	ppb
Zirconium	91-1	488.25	487.49	492.12	489.29	0.51	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:38:19	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19529.94	21021.13	19606.73	20052.60	4.19	ppb
Antimony	121-1	1000.49	996.31	986.59	994.46	0.72	ppb
Arsenic	75-2	1004.62	1001.13	983.26	996.34	1.15	ppb
Barium	135-1	4954.02	4977.42	4978.19	4969.88	0.28	ppb
Barium	137-1	4994.85	4971.59	4971.22	4979.22	0.27	ppb
Beryllium	9-1	995.69	991.80	999.19	995.56	0.37	ppb
Bismuth	209-1				109		%
Bismuth	209-2				98		%
Boron	10-1	989.82	1008.07	1027.05	1008.31	1.85	ppb
Boron	11-1	977.23	1013.11	1011.92	1000.75	2.04	ppb
Cadmium	111-1	991.71	999.50	989.35	993.52	0.53	ppb
Cadmium	106-1	1008.36	987.13	988.82	994.77	1.19	ppb
Cadmium	108-1	991.19	988.34	1001.77	993.77	0.71	ppb
Calcium	43-1	95813.76	96274.91	95921.36	96003.34	0.25	ppb
Calcium	44-1	95087.82	96679.37	96078.42	95948.54	0.84	ppb
Chromium	52-2	982.95	1020.22	990.76	997.97	1.97	ppb
Cobalt	59-2	983.54	1018.29	992.78	998.20	1.80	ppb
Copper	63-2	1960.73	2067.54	1988.19	2005.49	2.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				90		%
Iron	56-2	50991.04	52529.68	50951.14	51490.62	1.75	ppb
Iron	57-2	49831.12	51731.28	49535.44	50365.95	2.37	ppb
Krypton	83-1						cps
Lead	206-1	989.36	1000.15	998.06	995.85	0.57	ppb
Lead	207-1	994.59	996.26	1008.86	999.91	0.78	ppb
Lead	208-1	992.55	993.70	1002.83	996.36	0.57	ppb
Lithium	6-1				104		%
Magnesium	24-2	101862.53	105416.03	100039.79	102439.45	2.67	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:38:19	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1971.51	2047.18	1965.25	1994.65	2.29	ppb
Molybdenum	94-1	5019.65	5014.09	4943.24	4992.33	0.85	ppb
Molybdenum	95-1	5008.26	5004.94	4975.51	4996.24	0.36	ppb
Molybdenum	96-1	5043.22	4997.39	4942.65	4994.42	1.01	ppb
Molybdenum	97-1	5005.17	5007.69	4938.50	4983.79	0.79	ppb
Molybdenum	98-1	5008.29	4992.32	4992.31	4997.64	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	993.31	1014.59	985.93	997.94	1.49	ppb
Phosphorus	31-2	19042.27	21444.12	19071.87	19852.76	6.94	ppb
Potassium	39-2	48943.95	49508.59	48517.10	48989.88	1.02	ppb
Rhodium	103-1				102		%
Rhodium	103-2				93		%
Scandium	45-1				103		%
Scandium	45-2				90		%
Selenium	77-2	929.21	1001.89	997.79	976.30	4.18	ppb
Selenium	78-2	968.10	998.28	1016.90	994.43	2.48	ppb
Selenium	82-1	994.53	1006.74	990.58	997.28	0.84	ppb
Silicon	28-1	949.10	952.16	956.23	952.50	0.38	ppb
Silver	109-1	998.58	988.16	988.72	991.82	0.59	ppb
Silver	107-1	994.15	993.44	985.49	991.03	0.49	ppb
Sodium	23-2	99618.04	103587.64	99496.54	100900.74	2.31	ppb
Strontium	86-1	1002.71	1014.46	992.01	1003.06	1.12	ppb
Strontium	88-1	1000.65	994.97	997.86	997.83	0.28	ppb
Sulfur	34-1	19836.35	20369.56	19652.09	19952.67	1.87	ppb
Terbium	159-1				111		%
Terbium	159-2				100		%
Thallium	203-1	992.86	986.58	1005.93	995.12	0.99	ppb
Thallium	205-1	990.29	999.99	996.69	995.65	0.50	ppb
Tin	118-1	995.12	999.69	996.31	997.04	0.24	ppb
Titanium	47-1	5009.06	5004.06	4944.75	4985.96	0.72	ppb
Uranium	238-1	988.11	1008.90	1006.45	1001.16	1.13	ppb
Vanadium	51-2	988.12	1021.29	992.74	1000.71	1.80	ppb
Yttrium	89-1				105		%
Yttrium	89-2				93		%
Zinc	66-2	1947.42	2042.84	1988.32	1992.86	2.40	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:38:19	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	998.51	1006.82	983.70	996.34	1.18	ppb
Zirconium	91-1	1013.98	1014.42	992.79	1007.06	1.23	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:41:48	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97550.40	99286.91	103015.25	99950.85	2.79	ppb
Antimony	121-1	3.07	3.55	3.89	3.50	11.77	ppb
Arsenic	75-2	1.79	1.82	1.91	1.84	3.37	ppb
Barium	135-1	1.26	1.37	1.42	1.35	5.75	ppb
Barium	137-1	1.32	1.19	1.38	1.29	7.56	ppb
Beryllium	9-1	0.93	0.93	0.91	0.92	1.27	ppb
Bismuth	209-1				104		%
Bismuth	209-2				92		%
Boron	10-1	48.08	43.61	37.03	42.90	12.95	ppb
Boron	11-1	48.30	46.68	41.07	45.35	8.37	ppb
Cadmium	111-1	0.13	0.19	0.21	0.18	24.17	ppb
Cadmium	106-1	-0.48	0.40	0.38	0.10	500.41	ppb
Cadmium	108-1	0.07	0.36	0.30	0.24	63.25	ppb
Calcium	43-1	502193.37	502829.86	497959.27	500994.17	0.53	ppb
Calcium	44-1	504718.70	501883.80	496412.55	501005.02	0.84	ppb
Chromium	52-2	26.18	26.55	27.76	26.83	3.08	ppb
Cobalt	59-2	11.61	12.30	12.27	12.06	3.23	ppb
Copper	63-2	2.07	2.19	2.27	2.18	4.76	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				111		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				92		%
Iron	56-2	243870.24	248502.93	256378.94	249584.04	2.53	ppb
Iron	57-2	244590.84	252516.76	252572.46	249893.35	1.84	ppb
Krypton	83-1						cps
Lead	206-1	5.75	5.71	5.69	5.72	0.59	ppb
Lead	207-1	5.41	5.16	5.10	5.22	3.12	ppb
Lead	208-1	5.61	5.48	5.45	5.51	1.58	ppb
Lithium	6-1				107		%
Magnesium	24-2	489473.62	496815.26	511968.28	499419.05	2.30	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:41:48	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.88	6.83	6.73	6.81	1.17	ppb
Molybdenum	94-1	6.12	6.58	7.08	6.59	7.34	ppb
Molybdenum	95-1	8.34	9.06	8.88	8.76	4.29	ppb
Molybdenum	96-1	8.38	9.26	9.32	8.99	5.88	ppb
Molybdenum	97-1	8.12	8.83	9.43	8.80	7.42	ppb
Molybdenum	98-1	8.30	9.09	9.26	8.88	5.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.68	24.67	24.80	24.71	0.30	ppb
Phosphorus	31-2	-33.94	-33.94	-2.44	-23.44		ppb
Potassium	39-2	245406.58	248478.30	256740.80	250208.56	2.34	ppb
Rhodium	103-1				96		%
Rhodium	103-2				89		%
Scandium	45-1				101		%
Scandium	45-2				93		%
Selenium	77-2	-6.62	-6.62	-6.62	-6.62		ppb
Selenium	78-2	0.07	5.62	2.31	2.67	104.60	ppb
Selenium	82-1	2.30	2.01	2.30	2.21	7.53	ppb
Silicon	28-1	74.36	82.15	81.27	79.26	5.38	ppb
Silver	109-1	0.08	0.09	0.08	0.08	10.33	ppb
Silver	107-1	0.09	0.06	0.08	0.08	21.37	ppb
Sodium	23-2	490282.05	493932.50	514763.17	499659.24	2.64	ppb
Strontium	86-1	33.15	33.30	34.25	33.57	1.78	ppb
Strontium	88-1	34.15	34.17	33.97	34.10	0.33	ppb
Sulfur	34-1	-956.72	-758.91	-1284.64	-1000.09		ppb
Terbium	159-1				109		%
Terbium	159-2				99		%
Thallium	203-1	0.54	0.51	0.50	0.52	4.09	ppb
Thallium	205-1	0.60	0.54	0.50	0.55	9.64	ppb
Tin	118-1	2.70	2.81	2.73	2.75	2.07	ppb
Titanium	47-1	2.73	2.82	3.16	2.90	7.66	ppb
Uranium	238-1	0.07	0.08	0.07	0.07	6.11	ppb
Vanadium	51-2	0.38	0.40	0.43	0.40	5.94	ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	10.44	10.59	10.76	10.60	1.52	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:41:48	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.26	0.26	0.26	0.26	0.99	ppb
Zirconium	91-1	0.23	0.21	0.19	0.21	8.93	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:49:46	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	460.01	517.27	492.85	490.04	5.86	ppb
Antimony	121-1	194.44	193.47	195.14	194.35	0.43	ppb
Arsenic	75-2	196.41	195.73	197.14	196.42	0.36	ppb
Barium	135-1	99.41	99.44	100.91	99.92	0.86	ppb
Barium	137-1	99.87	98.20	99.63	99.24	0.91	ppb
Beryllium	9-1	101.28	102.99	101.33	101.87	0.95	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	643.55	689.53	698.99	677.36	4.38	ppb
Boron	11-1	670.91	676.96	669.21	672.36	0.61	ppb
Cadmium	111-1	103.97	103.14	104.93	104.01	0.86	ppb
Cadmium	106-1	164.04	163.93	164.04	164.00	0.04	ppb
Cadmium	108-1	133.70	139.41	129.01	134.04	3.88	ppb
Calcium	43-1	1964.94	2096.98	2033.23	2031.72	3.25	ppb
Calcium	44-1	1968.07	1983.95	2007.37	1986.46	1.00	ppb
Chromium	52-2	93.94	95.25	93.84	94.34	0.83	ppb
Cobalt	59-2	98.14	99.04	96.93	98.03	1.08	ppb
Copper	63-2	99.21	98.11	95.30	97.54	2.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	56-2	1022.95	1006.38	995.91	1008.41	1.35	ppb
Iron	57-2	1009.64	1003.68	1003.15	1005.49	0.36	ppb
Krypton	83-1						cps
Lead	206-1	191.11	195.85	195.96	194.31	1.43	ppb
Lead	207-1	184.07	184.80	186.98	185.28	0.82	ppb
Lead	208-1	188.36	191.73	192.83	190.97	1.22	ppb
Lithium	6-1				100		%
Magnesium	24-2	1216.77	1132.99	1119.17	1156.31	4.57	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:49:46	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	98.82	97.17	97.49	97.83	0.89	ppb
Molybdenum	94-1	1225.38	1221.56	1214.26	1220.40	0.46	ppb
Molybdenum	95-1	535.22	536.68	539.64	537.18	0.42	ppb
Molybdenum	96-1	633.51	638.98	635.75	636.08	0.43	ppb
Molybdenum	97-1	540.73	546.89	544.27	543.96	0.57	ppb
Molybdenum	98-1	545.19	546.34	550.68	547.40	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.67	99.81	96.94	98.81	1.63	ppb
Phosphorus	31-2	-33.94	-33.94	24.58	-14.43		ppb
Potassium	39-2	1985.30	1924.25	1938.23	1949.26	1.64	ppb
Rhodium	103-1				104		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	77-2	208.21	183.03	299.27	230.17	26.57	ppb
Selenium	78-2	185.07	209.51	203.75	199.44	6.41	ppb
Selenium	82-1	197.01	195.49	197.94	196.81	0.63	ppb
Silicon	28-1	500.26	498.21	500.12	499.53	0.23	ppb
Silver	109-1	99.46	98.79	99.00	99.08	0.35	ppb
Silver	107-1	100.74	99.73	100.74	100.41	0.58	ppb
Sodium	23-2	2078.72	2050.67	2002.92	2044.10	1.87	ppb
Strontium	86-1	530.71	535.53	536.92	534.39	0.61	ppb
Strontium	88-1	539.72	536.25	540.45	538.81	0.42	ppb
Sulfur	34-1	-2479.01	-2369.93	-2400.95	-2416.63		ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	194.61	199.67	200.11	198.13	1.54	ppb
Thallium	205-1	199.19	206.64	205.32	203.72	1.95	ppb
Tin	118-1	556.16	548.79	567.04	557.33	1.65	ppb
Titanium	47-1	531.92	533.87	533.04	532.94	0.18	ppb
Uranium	238-1	546.00	559.75	560.62	555.45	1.48	ppb
Vanadium	51-2	96.65	94.62	94.18	95.15	1.38	ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	201.60	195.61	194.85	197.35	1.87	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:49:46	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	541.40	537.28	550.22	542.97	1.22	ppb
Zirconium	91-1	524.78	525.98	531.05	527.27	0.63	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 16:56:04 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.80	-1.32	0.82	0.10	1225.63	ppb
Antimony	121-1	0.47	0.66	0.89	0.67	30.96	ppb
Arsenic	75-2	0.16	0.12	0.16	0.15	19.03	ppb
Barium	135-1	-0.05	-0.06	-0.04	-0.05		ppb
Barium	137-1	-0.05	-0.05	-0.07	-0.06		ppb
Beryllium	9-1	0.20	0.26	0.20	0.22	16.89	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	8.95	7.22	7.28	7.82	12.58	ppb
Boron	11-1	9.38	9.07	8.73	9.06	3.62	ppb
Cadmium	111-1	-0.09	-0.06	-0.01	-0.05		ppb
Cadmium	106-1	-1.38	-0.75	-0.12	-0.75		ppb
Cadmium	108-1	-0.02	-0.02	-0.12	-0.05		ppb
Calcium	43-1	-27.03	-26.08	-21.13	-24.74		ppb
Calcium	44-1	-5.12	-5.93	-7.79	-6.28		ppb
Chromium	52-2	-0.16	-0.08	-0.04	-0.10		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	5.56	ppb
Copper	63-2	-0.03	-0.07	-0.06	-0.05		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				99		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	1.17	0.72	1.11	1.00	24.10	ppb
Iron	57-2	-0.08	-3.06	5.38	0.75	571.62	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	0.00	0.00	127.26	ppb
Lead	207-1	-0.04	0.01	-0.02	-0.02		ppb
Lead	208-1	-0.01	0.01	-0.01	0.00		ppb
Lithium	6-1				99		%
Magnesium	24-2	-23.70	-21.00	-18.43	-21.04		ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:56:04	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.08	-0.06	-0.04	-0.06		ppb
Molybdenum	94-1	0.34	0.33	0.47	0.38	20.90	ppb
Molybdenum	95-1	0.28	0.47	0.58	0.44	33.51	ppb
Molybdenum	96-1	0.32	0.54	0.58	0.48	29.12	ppb
Molybdenum	97-1	0.39	0.49	0.46	0.45	11.72	ppb
Molybdenum	98-1	0.34	0.44	0.62	0.47	30.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	-0.13	-0.04	0.03	767.89	ppb
Phosphorus	31-2	-4.51	-33.94	-33.94	-24.13		ppb
Potassium	39-2	-4.55	19.20	26.26	13.64	118.37	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	77-2	-6.62	-6.62	-6.62	-6.62		ppb
Selenium	78-2	0.02	-1.06	1.10	0.02	5240.74	ppb
Selenium	82-1	0.04	0.36	1.43	0.61	118.67	ppb
Silicon	28-1	-20.70	-23.95	-21.84	-22.16		ppb
Silver	109-1	0.01	0.00	-0.01	0.00	565.51	ppb
Silver	107-1	0.01	0.01	0.01	0.01	19.18	ppb
Sodium	23-2	47.37	49.31	39.13	45.27	11.94	ppb
Strontium	86-1	0.01	-0.08	-0.01	-0.03		ppb
Strontium	88-1	-0.03	-0.03	-0.03	-0.03		ppb
Sulfur	34-1	-1910.24	-2038.56	-2027.02	-1991.94		ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.07	0.08	0.07	0.07	4.14	ppb
Thallium	205-1	0.06	0.07	0.06	0.06	10.66	ppb
Tin	118-1	0.17	0.22	0.29	0.23	26.88	ppb
Titanium	47-1	0.11	0.02	0.17	0.10	71.60	ppb
Uranium	238-1	-0.02	-0.02	-0.01	-0.02		ppb
Vanadium	51-2	-0.02	-0.01	-0.02	-0.02		ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	-0.36	0.02	-0.26	-0.20		ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:56:04	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.03	0.03	0.03	19.43	ppb
Zirconium	91-1	0.03	0.06	0.03	0.04	42.55	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 16:59:28 DataFile Name : 014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91191.90	89851.68	92176.60	91073.40	1.28	ppb
Antimony	121-1	1.43	1.58	1.57	1.53	5.72	ppb
Arsenic	75-2	0.24	0.32	0.42	0.33	26.86	ppb
Barium	135-1	1.43	1.47	1.47	1.46	1.49	ppb
Barium	137-1	1.44	1.51	1.37	1.44	4.94	ppb
Beryllium	9-1	0.33	0.48	0.36	0.39	21.27	ppb
Bismuth	209-1				104		%
Bismuth	209-2				96		%
Boron	10-1	11.24	11.60	10.82	11.22	3.46	ppb
Boron	11-1	11.01	10.62	10.59	10.74	2.16	ppb
Cadmium	111-1	0.26	0.28	0.31	0.28	10.03	ppb
Cadmium	106-1	-0.20	-0.73	-0.55	-0.49		ppb
Cadmium	108-1	6.60	5.84	6.39	6.28	6.28	ppb
Calcium	43-1	93984.34	94920.15	95665.41	94856.63	0.89	ppb
Calcium	44-1	94435.73	94840.25	95352.41	94876.13	0.48	ppb
Chromium	52-2	22.75	22.30	23.26	22.77	2.12	ppb
Cobalt	59-2	1.22	1.10	1.13	1.15	5.60	ppb
Copper	63-2	7.60	7.43	7.48	7.50	1.14	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				112		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	56-2	101083.40	98750.49	101677.27	100503.72	1.54	ppb
Iron	57-2	98529.77	96194.46	98829.90	97851.38	1.47	ppb
Krypton	83-1						cps
Lead	206-1	4.89	4.75	4.75	4.80	1.69	ppb
Lead	207-1	4.11	4.06	4.10	4.09	0.60	ppb
Lead	208-1	4.47	4.44	4.45	4.45	0.37	ppb
Lithium	6-1				94		%
Magnesium	24-2	98378.42	95066.73	97409.67	96951.61	1.76	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:59:28	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.18	7.80	7.91	7.96	2.47	ppb
Molybdenum	94-1	1354.65	1376.15	1379.22	1370.01	0.98	ppb
Molybdenum	95-1	1954.76	1931.17	1949.93	1945.29	0.64	ppb
Molybdenum	96-1	1872.84	1854.52	1874.98	1867.45	0.60	ppb
Molybdenum	97-1	1965.55	1937.20	1941.61	1948.12	0.78	ppb
Molybdenum	98-1	1942.27	1918.89	1921.89	1927.68	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.22	7.19	7.56	7.32	2.79	ppb
Phosphorus	31-2	99556.69	95659.41	97017.71	97411.27	2.03	ppb
Potassium	39-2	97355.00	95619.86	97765.04	96913.30	1.18	ppb
Rhodium	103-1				102		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				94		%
Selenium	77-2	-6.62	0.20	-6.62	-4.35		ppb
Selenium	78-2	0.04	1.13	0.04	0.40	155.51	ppb
Selenium	82-1	1.80	0.43	0.41	0.88	90.55	ppb
Silicon	28-1	14.01	15.38	15.96	15.12	6.59	ppb
Silver	109-1	0.07	0.06	0.08	0.07	13.19	ppb
Silver	107-1	0.07	0.08	0.07	0.07	3.59	ppb
Sodium	23-2	98072.46	96643.49	98753.70	97823.22	1.10	ppb
Strontium	86-1	32.94	33.12	33.95	33.34	1.62	ppb
Strontium	88-1	33.64	33.77	33.60	33.67	0.26	ppb
Sulfur	34-1	88185.57	86533.42	88043.49	87587.49	1.05	ppb
Terbium	159-1				109		%
Terbium	159-2				100		%
Thallium	203-1	0.25	0.27	0.27	0.26	3.59	ppb
Thallium	205-1	0.22	0.22	0.23	0.22	2.18	ppb
Tin	118-1	0.35	0.32	0.49	0.38	23.53	ppb
Titanium	47-1	1949.69	1935.13	1957.20	1947.34	0.58	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.20	0.17	0.23	0.20	16.16	ppb
Yttrium	89-1				105		%
Yttrium	89-2				97		%
Zinc	66-2	12.36	11.89	10.70	11.65	7.38	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:59:28	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.31	0.28	0.30	0.29	4.73	ppb
Zirconium	91-1	0.35	0.34	0.28	0.32	11.35	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:02:48	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91520.93	91752.17	91991.82	91754.97	0.26	ppb
Antimony	121-1	20.51	21.08	20.91	20.83	1.39	ppb
Arsenic	75-2	19.11	20.11	19.70	19.64	2.56	ppb
Barium	135-1	22.44	21.17	21.33	21.65	3.20	ppb
Barium	137-1	21.02	21.58	21.58	21.39	1.49	ppb
Beryllium	9-1	21.40	21.48	20.93	21.27	1.39	ppb
Bismuth	209-1				106		%
Bismuth	209-2				96		%
Boron	10-1	59.96	62.58	64.95	62.50	3.99	ppb
Boron	11-1	65.78	64.84	64.07	64.90	1.32	ppb
Cadmium	111-1	19.48	19.72	20.04	19.75	1.42	ppb
Cadmium	106-1	19.50	21.42	23.36	21.43	9.00	ppb
Cadmium	108-1	27.98	25.59	27.70	27.09	4.82	ppb
Calcium	43-1	95926.41	95729.10	95716.05	95790.52	0.12	ppb
Calcium	44-1	96080.91	95428.38	96383.97	95964.42	0.51	ppb
Chromium	52-2	42.10	43.08	42.83	42.67	1.19	ppb
Cobalt	59-2	20.64	21.04	20.94	20.87	1.01	ppb
Copper	63-2	27.52	27.61	27.22	27.45	0.74	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				113		%
Holmium	165-2				101		%
Indium	115-1				107		%
Indium	115-2				94		%
Iron	56-2	101077.17	100485.54	100191.64	100584.78	0.45	ppb
Iron	57-2	98514.43	97948.39	97646.65	98036.49	0.45	ppb
Krypton	83-1						cps
Lead	206-1	25.45	24.93	25.14	25.18	1.02	ppb
Lead	207-1	22.94	22.67	22.68	22.77	0.67	ppb
Lead	208-1	23.98	23.77	23.71	23.82	0.59	ppb
Lithium	6-1				95		%
Magnesium	24-2	98779.29	96818.69	97017.61	97538.53	1.11	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:02:48	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.78	28.40	29.55	28.58	3.14	ppb
Molybdenum	94-1	1454.34	1483.13	1472.03	1469.83	0.99	ppb
Molybdenum	95-1	1963.60	2029.68	1988.00	1993.76	1.68	ppb
Molybdenum	96-1	1911.66	1941.18	1915.72	1922.85	0.83	ppb
Molybdenum	97-1	1972.99	2037.59	1994.64	2001.74	1.64	ppb
Molybdenum	98-1	1930.28	2016.58	1966.14	1971.00	2.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.12	27.54	27.98	27.55	1.57	ppb
Phosphorus	31-2	93049.85	96272.71	98386.92	95903.16	2.80	ppb
Potassium	39-2	97163.17	96100.04	96160.79	96474.67	0.62	ppb
Rhodium	103-1				103		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				92		%
Selenium	77-2	0.29	0.33	0.37	0.33	12.43	ppb
Selenium	78-2	18.89	14.55	29.21	20.88	36.08	ppb
Selenium	82-1	20.10	20.12	19.24	19.82	2.53	ppb
Silicon	28-1	69.74	68.13	68.19	68.69	1.33	ppb
Silver	109-1	18.42	18.79	18.95	18.72	1.44	ppb
Silver	107-1	18.53	18.81	18.64	18.66	0.77	ppb
Sodium	23-2	99073.03	98457.43	98051.19	98527.22	0.52	ppb
Strontium	86-1	78.31	79.87	77.81	78.67	1.37	ppb
Strontium	88-1	79.83	80.14	79.35	79.77	0.50	ppb
Sulfur	34-1	87413.68	88014.37	87379.14	87602.40	0.41	ppb
Terbium	159-1				110		%
Terbium	159-2				100		%
Thallium	203-1	20.61	20.82	20.39	20.60	1.03	ppb
Thallium	205-1	20.69	20.71	20.61	20.67	0.26	ppb
Tin	118-1	45.43	45.61	46.26	45.76	0.96	ppb
Titanium	47-1	1999.42	2002.65	1995.47	1999.18	0.18	ppb
Uranium	238-1	46.27	46.70	46.01	46.33	0.75	ppb
Vanadium	51-2	19.48	20.22	19.54	19.75	2.09	ppb
Yttrium	89-1				106		%
Yttrium	89-2				95		%
Zinc	66-2	29.97	31.51	30.71	30.73	2.51	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:02:48	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	45.33	46.52	45.72	45.86	1.32	ppb
Zirconium	91-1	44.62	45.76	44.56	44.98	1.49	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:06:09	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51968.33	52973.89	52575.45	52505.89	0.96	ppb
Antimony	121-1	505.17	500.73	501.26	502.39	0.48	ppb
Arsenic	75-2	500.03	499.81	515.01	504.95	1.73	ppb
Barium	135-1	2588.56	2538.49	2552.56	2559.87	1.01	ppb
Barium	137-1	2561.49	2539.10	2523.87	2541.49	0.74	ppb
Beryllium	9-1	527.98	529.41	528.87	528.75	0.14	ppb
Bismuth	209-1				106		%
Bismuth	209-2				95		%
Boron	10-1	530.75	531.62	537.00	533.13	0.63	ppb
Boron	11-1	517.76	532.65	543.47	531.29	2.43	ppb
Cadmium	111-1	492.83	488.06	489.85	490.25	0.49	ppb
Cadmium	106-1	493.81	491.88	495.19	493.63	0.34	ppb
Cadmium	108-1	490.63	492.68	499.19	494.17	0.90	ppb
Calcium	43-1	246568.63	248735.54	246705.08	247336.42	0.49	ppb
Calcium	44-1	244131.19	243492.45	241378.98	243000.87	0.59	ppb
Chromium	52-2	507.52	517.40	511.89	512.27	0.97	ppb
Cobalt	59-2	488.28	496.50	489.02	491.26	0.93	ppb
Copper	63-2	952.80	965.31	946.08	954.73	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				113		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				92		%
Iron	56-2	126134.03	128897.83	126374.85	127135.57	1.20	ppb
Iron	57-2	123144.71	125997.58	123317.56	124153.28	1.29	ppb
Krypton	83-1						cps
Lead	206-1	517.16	515.78	512.52	515.15	0.46	ppb
Lead	207-1	513.94	528.15	515.34	519.14	1.51	ppb
Lead	208-1	517.66	525.36	514.87	519.30	1.05	ppb
Lithium	6-1				98		%
Magnesium	24-2	241371.81	245288.44	241154.01	242604.75	0.96	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:06:09	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	988.23	1014.87	996.26	999.78	1.37	ppb
Molybdenum	94-1	2559.60	2573.90	2587.90	2573.80	0.55	ppb
Molybdenum	95-1	2560.75	2558.28	2555.35	2558.13	0.11	ppb
Molybdenum	96-1	2573.71	2558.12	2587.76	2573.20	0.58	ppb
Molybdenum	97-1	2570.20	2594.35	2568.06	2577.54	0.57	ppb
Molybdenum	98-1	2571.10	2557.87	2541.13	2556.70	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.38	502.01	485.88	492.76	1.69	ppb
Phosphorus	31-2	10635.05	10278.57	10317.58	10410.40	1.88	ppb
Potassium	39-2	124006.50	126973.67	125885.82	125622.00	1.19	ppb
Rhodium	103-1				100		%
Rhodium	103-2				92		%
Scandium	45-1				103		%
Scandium	45-2				95		%
Selenium	77-2	404.65	479.45	457.69	447.26	8.60	ppb
Selenium	78-2	517.42	483.88	520.92	507.41	4.03	ppb
Selenium	82-1	507.56	500.93	502.26	503.58	0.70	ppb
Silicon	28-1	490.19	494.72	494.64	493.18	0.53	ppb
Silver	109-1	492.11	493.89	496.17	494.06	0.41	ppb
Silver	107-1	503.62	488.57	502.17	498.12	1.67	ppb
Sodium	23-2	247593.36	253277.11	249409.81	250093.42	1.16	ppb
Strontium	86-1	519.84	517.87	517.71	518.48	0.23	ppb
Strontium	88-1	525.03	520.77	527.57	524.46	0.66	ppb
Sulfur	34-1	7593.75	7859.29	7649.60	7700.88	1.82	ppb
Terbium	159-1				111		%
Terbium	159-2				100		%
Thallium	203-1	509.94	523.31	518.90	517.38	1.32	ppb
Thallium	205-1	511.20	517.26	516.33	514.93	0.63	ppb
Tin	118-1	506.95	502.76	510.43	506.71	0.76	ppb
Titanium	47-1	2549.81	2565.60	2546.54	2553.99	0.40	ppb
Uranium	238-1	524.85	526.03	518.14	523.01	0.81	ppb
Vanadium	51-2	499.36	506.50	497.73	501.20	0.93	ppb
Yttrium	89-1				104		%
Yttrium	89-2				96		%
Zinc	66-2	949.77	989.49	970.97	970.08	2.05	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:06:09	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	517.37	514.04	511.72	514.38	0.55	ppb
Zirconium	91-1	502.51	502.90	498.10	501.17	0.53	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : CCB31 Instrumnet Name : P8
 Client Sample ID : CCB31 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 17:14:00 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.18	-1.23	5.68	1.09	365.08	ppb
Antimony	121-1	0.58	0.75	0.90	0.74	21.97	ppb
Arsenic	75-2	0.07	0.10	0.10	0.09	16.10	ppb
Barium	135-1	-0.06	-0.06	-0.07	-0.07		ppb
Barium	137-1	-0.05	-0.05	-0.05	-0.05		ppb
Beryllium	9-1	0.26	0.19	0.18	0.21	20.67	ppb
Bismuth	209-1				109		%
Bismuth	209-2				99		%
Boron	10-1	10.12	7.46	9.46	9.01	15.40	ppb
Boron	11-1	8.25	8.17	8.11	8.18	0.85	ppb
Cadmium	111-1	-0.11	-0.05	-0.07	-0.08		ppb
Cadmium	106-1	-1.51	-0.33	-0.82	-0.89		ppb
Cadmium	108-1	-0.03	0.17	-0.07	0.02	553.21	ppb
Calcium	43-1	-32.45	-26.67	-24.44	-27.85		ppb
Calcium	44-1	-4.33	-4.29	-3.04	-3.89		ppb
Chromium	52-2	-0.14	-0.06	-0.16	-0.12		ppb
Cobalt	59-2	0.00	0.02	0.00	0.00	233.87	ppb
Copper	63-2	-0.06	-0.03	-0.03	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				99		%
Indium	115-1				107		%
Indium	115-2				96		%
Iron	56-2	4.64	3.66	3.85	4.05	12.83	ppb
Iron	57-2	-0.92	8.45	4.19	3.91	120.24	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.03	0.03	0.04	18.16	ppb
Lead	207-1	0.05	0.03	0.02	0.03	60.51	ppb
Lead	208-1	0.06	0.03	0.04	0.04	33.55	ppb
Lithium	6-1				98		%
Magnesium	24-2	-23.57	-11.06	-5.71	-13.45		ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P8
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:14:00	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.05	0.08	-0.05	-0.01		ppb
Molybdenum	94-1	0.51	0.65	0.81	0.66	22.67	ppb
Molybdenum	95-1	0.54	0.77	1.03	0.78	31.78	ppb
Molybdenum	96-1	0.63	0.71	1.03	0.79	26.87	ppb
Molybdenum	97-1	0.60	0.85	1.02	0.82	25.38	ppb
Molybdenum	98-1	0.55	0.89	1.09	0.85	32.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.20	0.22	0.17	0.06	359.10	ppb
Phosphorus	31-2	-33.94	-2.96	-2.48	-13.12		ppb
Potassium	39-2	-7.05	20.29	18.02	10.42	145.59	ppb
Rhodium	103-1				105		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				92		%
Selenium	77-2	0.36	-6.62	-6.62	-4.29		ppb
Selenium	78-2	0.06	0.06	-1.06	-0.31		ppb
Selenium	82-1	0.77	1.16	1.44	1.13	29.75	ppb
Silicon	28-1	-24.48	-26.62	-27.90	-26.33		ppb
Silver	109-1	0.01	0.01	0.01	0.01	11.83	ppb
Silver	107-1	0.03	0.03	0.01	0.02	51.55	ppb
Sodium	23-2	75.68	72.94	78.55	75.72	3.71	ppb
Strontium	86-1	-0.10	-0.05	-0.01	-0.05		ppb
Strontium	88-1	-0.03	-0.03	-0.03	-0.03		ppb
Sulfur	34-1	-2308.13	-2356.35	-2565.33	-2409.94		ppb
Terbium	159-1				109		%
Terbium	159-2				99		%
Thallium	203-1	0.07	0.08	0.06	0.07	17.92	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	8.09	ppb
Tin	118-1	0.11	0.12	0.16	0.13	20.67	ppb
Titanium	47-1	0.12	0.13	0.10	0.11	14.33	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.02	-0.02	-0.01	-0.01		ppb
Yttrium	89-1				104		%
Yttrium	89-2				95		%
Zinc	66-2	-0.01	-0.24	-0.27	-0.17		ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P8
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:14:00	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.06	0.05	0.05	18.08	ppb
Zirconium	91-1	0.08	0.07	0.02	0.06	53.74	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:17:24	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44.68	14.45	21.00	26.71	59.54	ppb
Antimony	121-1	2.11	2.25	2.42	2.26	6.90	ppb
Arsenic	75-2	1.02	0.79	0.87	0.89	13.00	ppb
Barium	135-1	9.44	9.65	9.25	9.44	2.14	ppb
Barium	137-1	9.30	9.21	9.33	9.28	0.70	ppb
Beryllium	9-1	1.18	1.13	1.04	1.12	6.43	ppb
Bismuth	209-1				109		%
Bismuth	209-2				100		%
Boron	10-1	28.00	30.54	30.82	29.79	5.22	ppb
Boron	11-1	28.85	29.06	29.32	29.07	0.81	ppb
Cadmium	111-1	0.95	0.77	0.98	0.90	12.57	ppb
Cadmium	106-1	0.66	-0.04	-0.16	0.15	286.85	ppb
Cadmium	108-1	0.65	1.24	1.38	1.09	35.62	ppb
Calcium	43-1	426.34	431.17	461.05	439.52	4.28	ppb
Calcium	44-1	460.67	456.07	461.15	459.30	0.61	ppb
Chromium	52-2	2.11	1.71	2.00	1.94	10.53	ppb
Cobalt	59-2	0.90	0.98	0.98	0.95	5.16	ppb
Copper	63-2	1.88	2.04	2.02	1.98	4.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				100		%
Indium	115-1				106		%
Indium	115-2				97		%
Iron	56-2	53.77	52.72	53.77	53.42	1.13	ppb
Iron	57-2	41.46	47.92	52.52	47.30	11.75	ppb
Krypton	83-1						cps
Lead	206-1	1.02	0.98	0.97	0.99	2.62	ppb
Lead	207-1	0.94	0.89	1.04	0.96	7.89	ppb
Lead	208-1	0.98	0.97	1.00	0.98	1.88	ppb
Lithium	6-1				99		%
Magnesium	24-2	461.97	459.49	434.78	452.08	3.33	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:17:24	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.05	0.74	0.95	0.91	17.54	ppb
Molybdenum	94-1	4.71	5.14	5.50	5.12	7.82	ppb
Molybdenum	95-1	4.85	4.96	5.25	5.02	4.08	ppb
Molybdenum	96-1	4.85	5.09	4.82	4.92	3.03	ppb
Molybdenum	97-1	4.61	4.94	5.32	4.95	7.15	ppb
Molybdenum	98-1	4.85	5.04	5.14	5.01	2.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.77	1.06	0.94	0.92	15.85	ppb
Phosphorus	31-2	-33.94	-33.94	-3.38	-23.75		ppb
Potassium	39-2	532.25	530.25	445.27	502.59	9.88	ppb
Rhodium	103-1				105		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				93		%
Selenium	77-2	-6.62	13.89	0.24	2.50	416.73	ppb
Selenium	78-2	4.45	4.42	3.35	4.07	15.38	ppb
Selenium	82-1	5.57	5.67	5.38	5.54	2.71	ppb
Silicon	28-1	-8.39	-12.37	-10.84	-10.54		ppb
Silver	109-1	0.95	1.03	1.06	1.02	5.34	ppb
Silver	107-1	1.02	1.02	0.99	1.01	1.63	ppb
Sodium	23-2	558.50	568.89	536.88	554.76	2.94	ppb
Strontium	86-1	0.99	0.93	0.81	0.91	9.59	ppb
Strontium	88-1	0.94	0.92	0.96	0.94	2.12	ppb
Sulfur	34-1	-1942.58	-2030.84	-2008.54	-1993.99		ppb
Terbium	159-1				108		%
Terbium	159-2				99		%
Thallium	203-1	1.05	0.97	1.01	1.01	3.87	ppb
Thallium	205-1	1.03	0.95	1.02	1.00	4.40	ppb
Tin	118-1	4.78	4.66	4.73	4.72	1.29	ppb
Titanium	47-1	5.07	5.61	4.45	5.04	11.49	ppb
Uranium	238-1	0.86	0.88	0.92	0.89	3.45	ppb
Vanadium	51-2	4.72	4.72	4.88	4.77	1.85	ppb
Yttrium	89-1				105		%
Yttrium	89-2				97		%
Zinc	66-2	2.41	2.01	1.85	2.09	13.62	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:17:24	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.00	1.09	1.14	1.08	6.51	ppb
Zirconium	91-1	0.98	1.05	0.93	0.98	6.09	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : PB108306BL Instrumnet Name : P8
 Client Sample ID : PB108306BL Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 17:46:11 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.98	-1.29	5.29	1.66	201.38	ppb
Antimony	121-1	0.12	0.19	0.27	0.19	39.35	ppb
Arsenic	75-2	0.02	-0.08	-0.03	-0.03		ppb
Barium	135-1	-0.05	-0.04	-0.06	-0.05		ppb
Barium	137-1	-0.06	-0.07	-0.06	-0.06		ppb
Beryllium	9-1	0.10	0.05	0.01	0.05	83.26	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	2.84	2.32	3.18	2.78	15.61	ppb
Boron	11-1	2.99	2.72	2.77	2.83	5.19	ppb
Cadmium	111-1	-0.09	-0.03	0.02	-0.03		ppb
Cadmium	106-1	-0.91	-0.25	0.44	-0.24		ppb
Cadmium	108-1	-0.02	-0.07	-0.02	-0.04		ppb
Calcium	43-1	-13.75	-29.80	-29.42	-24.32		ppb
Calcium	44-1	-6.81	-2.84	-7.12	-5.59		ppb
Chromium	52-2	-0.08	-0.10	-0.22	-0.13		ppb
Cobalt	59-2	-0.02	-0.02	0.00	-0.01		ppb
Copper	63-2	-0.10	-0.06	-0.08	-0.08		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	-0.52	-0.52	-0.67	-0.57		ppb
Iron	57-2	-3.58	-4.24	-2.40	-3.41		ppb
Krypton	83-1						cps
Lead	206-1	-0.03	-0.01	-0.03	-0.02		ppb
Lead	207-1	0.00	-0.03	-0.03	-0.02		ppb
Lead	208-1	-0.02	-0.02	-0.03	-0.02		ppb
Lithium	6-1				97		%
Magnesium	24-2	-5.48	-11.86	-16.06	-11.13		ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	PB108306BL	Instrumnet Name :	P8
Client Sample ID :	PB108306BL	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:46:11	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	-0.10	-0.12	-0.09		ppb
Molybdenum	94-1	0.06	0.15	0.18	0.13	46.58	ppb
Molybdenum	95-1	0.09	0.12	0.11	0.11	11.08	ppb
Molybdenum	96-1	0.12	0.15	0.22	0.16	32.74	ppb
Molybdenum	97-1	0.09	0.17	0.31	0.19	59.66	ppb
Molybdenum	98-1	0.10	0.17	0.20	0.16	32.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.39	-0.39	-0.58	-0.46		ppb
Phosphorus	31-2	-33.94	86.51	-3.84	16.25	385.84	ppb
Potassium	39-2	13.11	4.11	7.35	8.19	55.64	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	77-2	-6.62	0.15	-6.62	-4.36		ppb
Selenium	78-2	2.27	1.11	0.04	1.14	97.47	ppb
Selenium	82-1	-0.13	0.43	0.46	0.25	129.96	ppb
Silicon	28-1	-12.42	-22.18	-22.14	-18.91		ppb
Silver	109-1	0.00	0.00	0.00	0.00	62.84	ppb
Silver	107-1	0.01	0.01	0.01	0.01	27.34	ppb
Sodium	23-2	46.83	47.43	45.37	46.54	2.27	ppb
Strontium	86-1	0.02	-0.11	-0.05	-0.04		ppb
Strontium	88-1	-0.03	-0.03	-0.03	-0.03		ppb
Sulfur	34-1	70.01	-738.55	-1144.55	-604.36		ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.00	0.00	0.02	0.01	100.78	ppb
Thallium	205-1	0.02	0.00	0.01	0.01	121.52	ppb
Tin	118-1	-0.01	0.03	0.03	0.02	137.00	ppb
Titanium	47-1	0.02	0.03	0.04	0.03	27.96	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.02	-0.02	-0.02	-0.02		ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	-0.38	-0.53	-0.22	-0.38		ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	PB108306BL	Instrumnet Name :	P8
Client Sample ID :	PB108306BL	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:46:11	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.01	0.01	44.95	ppb
Zirconium	91-1	-0.02	0.02	-0.01	0.00		ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	PB108306BS	Instrumnet Name :	P8
Client Sample ID :	PB108306BS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:49:35	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10224.80	10050.01	9826.92	10033.91	1.99	ppb
Antimony	121-1	503.26	510.70	506.76	506.91	0.73	ppb
Arsenic	75-2	499.97	496.50	505.60	500.69	0.92	ppb
Barium	135-1	2510.18	2553.91	2551.55	2538.54	0.97	ppb
Barium	137-1	2527.91	2526.27	2533.71	2529.30	0.15	ppb
Beryllium	9-1	507.39	513.99	509.55	510.31	0.66	ppb
Bismuth	209-1				110		%
Bismuth	209-2				102		%
Boron	10-1	477.66	499.95	508.74	495.45	3.23	ppb
Boron	11-1	483.25	495.31	508.38	495.65	2.54	ppb
Cadmium	111-1	500.88	502.64	504.26	502.59	0.34	ppb
Cadmium	106-1	496.57	495.38	501.91	497.96	0.70	ppb
Cadmium	108-1	502.69	510.75	511.26	508.23	0.95	ppb
Calcium	43-1	47868.73	47957.30	48079.93	47968.66	0.22	ppb
Calcium	44-1	47662.25	47839.09	48003.70	47835.01	0.36	ppb
Chromium	52-2	498.57	501.94	500.11	500.21	0.34	ppb
Cobalt	59-2	496.11	498.00	498.12	497.41	0.23	ppb
Copper	63-2	972.71	978.66	984.09	978.48	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	56-2	25633.38	25742.16	25855.42	25743.66	0.43	ppb
Iron	57-2	25062.18	24963.47	25079.96	25035.20	0.25	ppb
Krypton	83-1						cps
Lead	206-1	492.51	498.28	500.50	497.10	0.83	ppb
Lead	207-1	498.44	491.99	499.35	496.59	0.81	ppb
Lead	208-1	497.77	496.68	497.71	497.38	0.12	ppb
Lithium	6-1				103		%
Magnesium	24-2	49988.13	50627.59	50247.41	50287.71	0.64	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	PB108306BS	Instrumnet Name :	P8
Client Sample ID :	PB108306BS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:49:35	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	988.70	999.15	1000.41	996.09	0.65	ppb
Molybdenum	94-1	2507.36	2477.59	2472.83	2485.93	0.75	ppb
Molybdenum	95-1	2501.66	2483.18	2472.02	2485.62	0.60	ppb
Molybdenum	96-1	2511.22	2475.51	2477.89	2488.21	0.80	ppb
Molybdenum	97-1	2510.98	2496.33	2470.26	2492.53	0.83	ppb
Molybdenum	98-1	2490.13	2457.85	2464.90	2470.96	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.49	500.46	498.27	498.41	0.40	ppb
Phosphorus	31-2	11367.31	10177.08	10692.43	10745.60	5.55	ppb
Potassium	39-2	24788.65	24982.64	24955.23	24908.84	0.42	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	77-2	483.86	471.22	404.49	453.19	9.41	ppb
Selenium	78-2	489.69	490.31	527.08	502.36	4.26	ppb
Selenium	82-1	499.95	496.48	498.98	498.47	0.36	ppb
Silicon	28-1	505.82	518.95	529.69	518.15	2.31	ppb
Silver	109-1	513.76	513.42	508.94	512.04	0.53	ppb
Silver	107-1	511.09	514.68	516.52	514.10	0.54	ppb
Sodium	23-2	51439.54	51064.17	51140.73	51214.81	0.39	ppb
Strontium	86-1	492.89	485.80	487.91	488.86	0.75	ppb
Strontium	88-1	500.23	492.42	498.03	496.89	0.81	ppb
Sulfur	34-1	7987.36	7733.43	8067.21	7929.33	2.20	ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	502.20	503.07	496.21	500.49	0.75	ppb
Thallium	205-1	496.37	496.40	495.89	496.22	0.06	ppb
Tin	118-1	503.32	507.18	504.80	505.10	0.38	ppb
Titanium	47-1	2498.03	2478.71	2519.69	2498.81	0.82	ppb
Uranium	238-1	495.63	492.76	491.74	493.37	0.41	ppb
Vanadium	51-2	499.21	498.31	496.90	498.14	0.23	ppb
Yttrium	89-1				107		%
Yttrium	89-2				100		%
Zinc	66-2	1010.63	1018.97	1010.39	1013.33	0.48	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	PB108306BS	Instrumnet Name :	P8
Client Sample ID :	PB108306BS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:49:35	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	504.24	490.28	492.48	495.67	1.51	ppb
Zirconium	91-1	488.56	481.71	486.69	485.66	0.73	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-01	Instrumnet Name :	P8
Client Sample ID :	LF014MW028-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:52:51	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55.81	19.79	23.26	32.95	60.30	ppb
Antimony	121-1	5.66	6.14	6.54	6.11	7.21	ppb
Arsenic	75-2	5.23	5.79	4.61	5.21	11.37	ppb
Barium	135-1	156.50	146.80	139.21	147.50	5.87	ppb
Barium	137-1	157.97	143.58	138.47	146.68	6.89	ppb
Beryllium	9-1	0.35	0.26	0.18	0.26	31.99	ppb
Bismuth	209-1				110		%
Bismuth	209-2				94		%
Boron	10-1	320.43	281.00	278.53	293.32	8.01	ppb
Boron	11-1	305.26	288.49	279.54	291.10	4.49	ppb
Cadmium	111-1	0.24	0.15	0.04	0.14	70.48	ppb
Cadmium	106-1	-1.12	-0.80	-1.99	-1.30		ppb
Cadmium	108-1	0.30	0.31	0.16	0.25	33.67	ppb
Calcium	43-1	138221.93	131195.74	126531.08	131982.91	4.46	ppb
Calcium	44-1	137156.71	128846.28	124766.53	130256.51	4.85	ppb
Chromium	52-2	1.55	1.49	1.45	1.49	3.44	ppb
Cobalt	59-2	2.07	1.92	2.15	2.05	5.51	ppb
Copper	63-2	1.93	1.99	2.06	2.00	3.33	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				108		%
Holmium	165-2				93		%
Indium	115-1				103		%
Indium	115-2				84		%
Iron	56-2	13504.57	13833.07	14056.92	13798.19	2.01	ppb
Iron	57-2	13152.18	13366.32	13549.56	13356.02	1.49	ppb
Krypton	83-1						cps
Lead	206-1	0.85	0.71	0.52	0.69	23.85	ppb
Lead	207-1	0.87	0.60	0.51	0.66	28.37	ppb
Lead	208-1	0.87	0.67	0.53	0.69	24.41	ppb
Lithium	6-1				113		%
Magnesium	24-2	23334.54	23742.30	23717.39	23598.08	0.97	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-01	Instrumnet Name :	P8
Client Sample ID :	LF014MW028-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:52:51	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	744.39	749.23	758.08	750.57	0.93	ppb
Molybdenum	94-1	5.49	5.23	5.35	5.36	2.40	ppb
Molybdenum	95-1	6.20	6.38	6.42	6.33	1.92	ppb
Molybdenum	96-1	6.06	6.21	6.56	6.27	4.10	ppb
Molybdenum	97-1	6.10	6.02	6.96	6.36	8.17	ppb
Molybdenum	98-1	6.15	6.21	6.45	6.27	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.04	2.32	2.03	2.13	7.80	ppb
Phosphorus	31-2	-33.94	-33.94	6.87	-20.34		ppb
Potassium	39-2	1491.52	1537.73	1535.57	1521.61	1.71	ppb
Rhodium	103-1				96		%
Rhodium	103-2				86		%
Scandium	45-1				88		%
Scandium	45-2				73		%
Selenium	77-2	-6.62	-6.62	-6.62	-6.62		ppb
Selenium	78-2	1.55	0.28	1.65	1.16	65.79	ppb
Selenium	82-1	1.10	0.84	2.70	1.54	65.41	ppb
Silicon	28-1	11400.94	10674.32	10209.35	10761.54	5.58	ppb
Silver	109-1	0.88	0.68	0.55	0.70	23.68	ppb
Silver	107-1	0.93	0.75	0.65	0.78	18.53	ppb
Sodium	23-2	45706.20	45652.33	45676.51	45678.35	0.06	ppb
Strontium	86-1	699.95	654.35	641.36	665.22	4.63	ppb
Strontium	88-1	714.41	661.06	650.96	675.48	5.05	ppb
Sulfur	34-1	-1950.76	-2640.41	-3291.38	-2627.52		ppb
Terbium	159-1				106		%
Terbium	159-2				92		%
Thallium	203-1	1.03	0.63	0.40	0.69	46.65	ppb
Thallium	205-1	0.96	0.54	0.38	0.63	47.63	ppb
Tin	118-1	2.67	2.42	2.38	2.49	6.41	ppb
Titanium	47-1	2.33	5.02	1.94	3.10	54.14	ppb
Uranium	238-1	0.20	0.19	0.19	0.19	3.29	ppb
Vanadium	51-2	0.57	0.48	0.58	0.55	10.22	ppb
Yttrium	89-1				97		%
Yttrium	89-2				80		%
Zinc	66-2	4.66	5.38	5.08	5.04	7.18	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-01	Instrumnet Name :	P8
Client Sample ID :	LF014MW028-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:52:51	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.79	0.67	0.61	0.69	13.23	ppb
Zirconium	91-1	0.88	0.77	0.60	0.75	19.21	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-02	Instrumnet Name :	P8
Client Sample ID :	LF014RW131-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:56:13	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.95	-3.48	-0.35	0.71	680.21	ppb
Antimony	121-1	1.69	1.99	2.21	1.96	13.13	ppb
Arsenic	75-2	8.52	9.60	8.38	8.83	7.58	ppb
Barium	135-1	160.33	157.86	162.19	160.12	1.36	ppb
Barium	137-1	159.63	158.98	160.82	159.81	0.59	ppb
Beryllium	9-1	0.09	0.06	0.21	0.12	65.57	ppb
Bismuth	209-1				114		%
Bismuth	209-2				92		%
Boron	10-1	159.05	152.96	145.98	152.66	4.28	ppb
Boron	11-1	155.26	154.79	152.56	154.20	0.94	ppb
Cadmium	111-1	-0.10	-0.03	-0.05	-0.06		ppb
Cadmium	106-1	-2.23	-1.09	-1.86	-1.73		ppb
Cadmium	108-1	0.07	0.16	0.16	0.13	41.19	ppb
Calcium	43-1	123337.76	121286.59	121984.56	122202.97	0.85	ppb
Calcium	44-1	125099.59	121560.10	122015.43	122891.71	1.57	ppb
Chromium	52-2	1.02	0.91	0.74	0.89	16.11	ppb
Cobalt	59-2	0.47	0.44	0.42	0.44	5.46	ppb
Copper	63-2	5.98	6.38	6.09	6.15	3.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				91		%
Indium	115-1				105		%
Indium	115-2				80		%
Iron	56-2	6920.34	6972.52	6939.79	6944.22	0.38	ppb
Iron	57-2	6676.61	6613.04	6466.94	6585.53	1.63	ppb
Krypton	83-1						cps
Lead	206-1	0.68	0.71	0.77	0.72	5.86	ppb
Lead	207-1	0.63	0.67	0.62	0.64	3.83	ppb
Lead	208-1	0.68	0.72	0.70	0.70	2.35	ppb
Lithium	6-1				135		%
Magnesium	24-2	14577.90	14560.10	14441.75	14526.58	0.51	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-02	Instrumnet Name :	P8
Client Sample ID :	LF014RW131-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:56:13	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	527.59	535.11	534.78	532.50	0.80	ppb
Molybdenum	94-1	1.75	1.72	2.03	1.83	9.23	ppb
Molybdenum	95-1	2.04	2.06	2.25	2.11	5.40	ppb
Molybdenum	96-1	1.89	2.17	2.17	2.08	7.77	ppb
Molybdenum	97-1	2.07	2.16	2.46	2.23	9.28	ppb
Molybdenum	98-1	1.99	2.07	2.21	2.09	5.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.94	1.60	1.63	1.72	10.98	ppb
Phosphorus	31-2	9.25	9.92	-33.94	-4.92		ppb
Potassium	39-2	2597.49	2698.90	2692.18	2662.86	2.13	ppb
Rhodium	103-1				98		%
Rhodium	103-2				84		%
Scandium	45-1				86		%
Scandium	45-2				67		%
Selenium	77-2	-6.62	-6.62	-6.62	-6.62		ppb
Selenium	78-2	0.34	0.38	-1.06	-0.11		ppb
Selenium	82-1	1.09	0.70	1.73	1.17	44.33	ppb
Silicon	28-1	10008.12	9748.18	9968.48	9908.26	1.41	ppb
Silver	109-1	0.29	0.28	0.26	0.28	5.73	ppb
Silver	107-1	0.28	0.31	0.29	0.29	6.46	ppb
Sodium	23-2	34485.76	35014.26	34449.36	34649.80	0.91	ppb
Strontium	86-1	638.32	632.09	625.56	631.99	1.01	ppb
Strontium	88-1	647.70	640.34	639.76	642.60	0.69	ppb
Sulfur	34-1	2234.29	1671.43	1845.94	1917.22	15.03	ppb
Terbium	159-1				110		%
Terbium	159-2				91		%
Thallium	203-1	0.05	0.05	0.06	0.05	19.45	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	4.15	ppb
Tin	118-1	1.93	1.89	2.09	1.97	5.29	ppb
Titanium	47-1	1.30	1.26	1.24	1.26	2.30	ppb
Uranium	238-1	0.47	0.49	0.49	0.48	2.85	ppb
Vanadium	51-2	0.25	0.19	0.27	0.24	17.06	ppb
Yttrium	89-1				98		%
Yttrium	89-2				75		%
Zinc	66-2	56.12	56.27	58.60	57.00	2.44	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-02	Instrumnet Name :	P8
Client Sample ID :	LF014RW131-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:56:13	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.17	0.16	0.19	0.18	8.00	ppb
Zirconium	91-1	0.16	0.17	0.15	0.16	5.90	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-03	Instrumnet Name :	P8
Client Sample ID :	LF014RW032-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:59:37	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	274.65	250.65	259.60	261.63	4.64	ppb
Antimony	121-1	1.41	1.68	1.79	1.63	11.86	ppb
Arsenic	75-2	5.69	4.89	4.75	5.11	9.94	ppb
Barium	135-1	56.79	58.77	58.11	57.89	1.75	ppb
Barium	137-1	56.90	58.22	56.97	57.36	1.29	ppb
Beryllium	9-1	0.08	0.07	0.09	0.08	18.87	ppb
Bismuth	209-1				113		%
Bismuth	209-2				91		%
Boron	10-1	106.43	106.46	98.65	103.85	4.33	ppb
Boron	11-1	100.80	100.92	103.85	101.86	1.69	ppb
Cadmium	111-1	0.05	0.10	0.10	0.08	38.70	ppb
Cadmium	106-1	-1.36	-1.77	-1.45	-1.52		ppb
Cadmium	108-1	0.16	0.12	0.11	0.13	20.52	ppb
Calcium	43-1	76636.55	76738.36	76962.94	76779.28	0.22	ppb
Calcium	44-1	77193.12	76886.87	77802.72	77294.24	0.60	ppb
Chromium	52-2	0.83	0.58	0.92	0.78	22.15	ppb
Cobalt	59-2	0.99	0.98	1.02	1.00	2.03	ppb
Copper	63-2	1.55	1.75	1.68	1.66	5.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				91		%
Indium	115-1				104		%
Indium	115-2				79		%
Iron	56-2	1068.57	1093.46	1094.66	1085.56	1.36	ppb
Iron	57-2	1066.47	1111.14	1086.23	1087.95	2.06	ppb
Krypton	83-1						cps
Lead	206-1	0.45	0.54	0.49	0.49	9.08	ppb
Lead	207-1	0.39	0.46	0.47	0.44	10.39	ppb
Lead	208-1	0.44	0.50	0.47	0.47	6.85	ppb
Lithium	6-1				136		%
Magnesium	24-2	12109.22	12045.11	12231.23	12128.52	0.78	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-03	Instrumnet Name :	P8
Client Sample ID :	LF014RW032-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:59:37	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	111.18	115.94	114.58	113.90	2.15	ppb
Molybdenum	94-1	1.75	1.73	1.79	1.76	1.74	ppb
Molybdenum	95-1	1.73	1.73	1.95	1.80	7.01	ppb
Molybdenum	96-1	1.80	1.79	1.93	1.84	4.21	ppb
Molybdenum	97-1	1.83	1.80	2.15	1.93	10.21	ppb
Molybdenum	98-1	1.84	1.74	2.01	1.86	7.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.57	0.95	1.28	1.27	24.56	ppb
Phosphorus	31-2	8.97	95.33	183.74	96.01	91.02	ppb
Potassium	39-2	3302.82	3388.95	3363.46	3351.74	1.32	ppb
Rhodium	103-1				98		%
Rhodium	103-2				83		%
Scandium	45-1				84		%
Scandium	45-2				67		%
Selenium	77-2	-6.62	2.23	2.28	-0.70		ppb
Selenium	78-2	0.35	-1.06	-1.06	-0.59		ppb
Selenium	82-1	0.39	0.90	1.09	0.79	45.20	ppb
Silicon	28-1	7077.76	7153.60	7061.95	7097.77	0.69	ppb
Silver	109-1	0.21	0.17	0.16	0.18	14.24	ppb
Silver	107-1	0.22	0.22	0.17	0.20	12.22	ppb
Sodium	23-2	25784.97	25822.43	25949.69	25852.36	0.33	ppb
Strontium	86-1	453.34	451.45	460.66	455.15	1.07	ppb
Strontium	88-1	460.15	462.65	468.60	463.80	0.94	ppb
Sulfur	34-1	6282.92	6310.60	6253.74	6282.42	0.45	ppb
Terbium	159-1				109		%
Terbium	159-2				90		%
Thallium	203-1	0.01	0.03	0.01	0.02	62.97	ppb
Thallium	205-1	0.02	0.01	0.00	0.01	85.72	ppb
Tin	118-1	1.63	1.70	1.73	1.69	3.28	ppb
Titanium	47-1	3.12	3.53	3.80	3.49	9.87	ppb
Uranium	238-1	1.61	1.73	1.74	1.69	4.22	ppb
Vanadium	51-2	1.73	1.65	1.61	1.66	3.63	ppb
Yttrium	89-1				98		%
Yttrium	89-2				75		%
Zinc	66-2	11.02	11.82	12.35	11.73	5.71	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-03	Instrumnet Name :	P8
Client Sample ID :	LF014RW032-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:59:37	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.36	0.34	0.29	0.33	9.83	ppb
Zirconium	91-1	0.37	0.35	0.35	0.36	3.82	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-04	Instrumnet Name :	P8
Client Sample ID :	LF014MW006-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:03:00	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.04	15.47	26.06	19.86	27.84	ppb
Antimony	121-1	1.37	1.54	1.67	1.53	9.72	ppb
Arsenic	75-2	3.45	3.51	3.34	3.44	2.55	ppb
Barium	135-1	164.33	167.15	165.08	165.52	0.88	ppb
Barium	137-1	166.80	167.08	165.61	166.50	0.47	ppb
Beryllium	9-1	0.03	0.05	-0.02	0.02	171.64	ppb
Bismuth	209-1				115		%
Bismuth	209-2				88		%
Boron	10-1	106.51	115.76	103.42	108.57	5.92	ppb
Boron	11-1	107.54	107.22	107.50	107.42	0.17	ppb
Cadmium	111-1	0.06	0.04	0.07	0.06	31.04	ppb
Cadmium	106-1	-1.67	-2.49	-1.51	-1.89		ppb
Cadmium	108-1	0.58	0.35	0.11	0.35	67.40	ppb
Calcium	43-1	116401.93	117436.47	116714.48	116850.96	0.45	ppb
Calcium	44-1	117774.44	118890.31	117334.26	117999.67	0.68	ppb
Chromium	52-2	0.57	0.34	0.80	0.57	40.43	ppb
Cobalt	59-2	0.57	0.48	0.50	0.52	8.54	ppb
Copper	63-2	1.80	1.62	1.72	1.71	5.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				87		%
Indium	115-1				103		%
Indium	115-2				75		%
Iron	56-2	5557.61	4860.25	5034.89	5150.92	7.04	ppb
Iron	57-2	5344.41	4820.00	4924.08	5029.49	5.52	ppb
Krypton	83-1						cps
Lead	206-1	1.51	1.50	1.56	1.53	2.11	ppb
Lead	207-1	1.49	1.48	1.40	1.46	3.72	ppb
Lead	208-1	1.46	1.48	1.46	1.47	0.53	ppb
Lithium	6-1				132		%
Magnesium	24-2	12223.26	10504.74	10927.06	11218.35	7.98	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-04	Instrumnet Name :	P8
Client Sample ID :	LF014MW006-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:03:00	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	234.70	201.81	206.24	214.25	8.33	ppb
Molybdenum	94-1	1.28	1.46	1.40	1.38	6.63	ppb
Molybdenum	95-1	1.64	1.54	1.80	1.66	8.04	ppb
Molybdenum	96-1	1.59	1.52	1.71	1.60	6.00	ppb
Molybdenum	97-1	1.52	1.67	1.69	1.63	5.68	ppb
Molybdenum	98-1	1.61	1.58	1.67	1.62	2.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.69	1.60	1.88	2.06	27.63	ppb
Phosphorus	31-2	-33.94	9.43	-33.94	-19.48		ppb
Potassium	39-2	2351.30	2003.95	2066.21	2140.49	8.65	ppb
Rhodium	103-1				98		%
Rhodium	103-2				80		%
Scandium	45-1				83		%
Scandium	45-2				63		%
Selenium	77-2	-6.62	-6.62	2.40	-3.61		ppb
Selenium	78-2	3.76	0.38	3.29	2.48	73.89	ppb
Selenium	82-1	0.26	0.94	0.68	0.63	54.70	ppb
Silicon	28-1	8803.04	8902.88	8844.95	8850.29	0.57	ppb
Silver	109-1	0.13	0.14	0.13	0.13	1.22	ppb
Silver	107-1	0.16	0.16	0.14	0.15	9.30	ppb
Sodium	23-2	28913.28	25453.34	26409.48	26925.37	6.64	ppb
Strontium	86-1	614.66	612.36	614.07	613.70	0.19	ppb
Strontium	88-1	624.01	625.80	623.69	624.50	0.18	ppb
Sulfur	34-1	2799.11	2827.15	2232.34	2619.54	12.81	ppb
Terbium	159-1				110		%
Terbium	159-2				87		%
Thallium	203-1	-0.01	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.02		ppb
Tin	118-1	1.41	1.50	1.54	1.48	4.46	ppb
Titanium	47-1	1.47	1.64	1.68	1.60	7.30	ppb
Uranium	238-1	1.16	1.17	1.13	1.15	1.70	ppb
Vanadium	51-2	1.08	0.67	0.81	0.85	24.25	ppb
Yttrium	89-1				96		%
Yttrium	89-2				71		%
Zinc	66-2	22.60	20.93	21.47	21.67	3.94	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-04	Instrumnet Name :	P8
Client Sample ID :	LF014MW006-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:03:00	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.10	0.11	0.16	0.12	28.44	ppb
Zirconium	91-1	0.15	0.17	0.15	0.16	9.86	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-05	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:06:25	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	188.21	214.25	199.53	200.66	6.51	ppb
Antimony	121-1	1.39	1.47	1.49	1.45	3.73	ppb
Arsenic	75-2	6.58	6.29	6.61	6.50	2.72	ppb
Barium	135-1	80.86	79.34	80.69	80.29	1.04	ppb
Barium	137-1	78.62	78.56	79.73	78.97	0.83	ppb
Beryllium	9-1	0.00	0.03	0.02	0.01	112.34	ppb
Bismuth	209-1				113		%
Bismuth	209-2				91		%
Boron	10-1	106.07	110.09	117.39	111.18	5.16	ppb
Boron	11-1	110.37	117.88	116.40	114.88	3.46	ppb
Cadmium	111-1	-0.03	-0.08	-0.03	-0.05		ppb
Cadmium	106-1	-1.42	-1.85	-1.56	-1.61		ppb
Cadmium	108-1	-0.03	0.21	0.07	0.08	140.00	ppb
Calcium	43-1	99769.90	100375.83	101095.01	100413.58	0.66	ppb
Calcium	44-1	100406.13	100805.09	101677.71	100962.98	0.64	ppb
Chromium	52-2	1.76	1.80	1.62	1.73	5.52	ppb
Cobalt	59-2	0.55	0.42	0.49	0.48	13.12	ppb
Copper	63-2	1.37	1.58	1.68	1.54	10.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				90		%
Indium	115-1				102		%
Indium	115-2				78		%
Iron	56-2	408.00	405.47	411.31	408.26	0.72	ppb
Iron	57-2	396.21	419.07	413.68	409.65	2.92	ppb
Krypton	83-1						cps
Lead	206-1	0.45	0.43	0.49	0.46	6.12	ppb
Lead	207-1	0.35	0.41	0.36	0.37	8.52	ppb
Lead	208-1	0.40	0.43	0.42	0.42	3.08	ppb
Lithium	6-1				129		%
Magnesium	24-2	16493.40	16616.02	16307.45	16472.29	0.94	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-05	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:06:25	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	312.74	318.13	320.77	317.22	1.29	ppb
Molybdenum	94-1	2.45	2.23	2.30	2.32	4.77	ppb
Molybdenum	95-1	2.91	2.80	2.81	2.84	2.17	ppb
Molybdenum	96-1	2.75	2.90	2.92	2.86	3.33	ppb
Molybdenum	97-1	2.96	2.81	3.03	2.93	3.89	ppb
Molybdenum	98-1	3.01	2.98	3.05	3.01	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.40	3.56	3.72	3.56	4.60	ppb
Phosphorus	31-2	138.68	-33.94	54.60	53.11	162.52	ppb
Potassium	39-2	2465.64	2600.49	2737.49	2601.21	5.23	ppb
Rhodium	103-1				97		%
Rhodium	103-2				82		%
Scandium	45-1				83		%
Scandium	45-2				66		%
Selenium	77-2	-6.62	-6.62	-6.62	-6.62		ppb
Selenium	78-2	1.80	0.40	-1.06	0.38	375.37	ppb
Selenium	82-1	0.31	1.52	1.81	1.21	65.52	ppb
Silicon	28-1	8456.80	8388.18	8457.02	8434.00	0.47	ppb
Silver	109-1	0.10	0.13	0.10	0.11	13.96	ppb
Silver	107-1	0.13	0.12	0.10	0.12	11.31	ppb
Sodium	23-2	45320.38	45921.77	46202.44	45814.86	0.98	ppb
Strontium	86-1	643.09	636.49	639.39	639.66	0.52	ppb
Strontium	88-1	649.86	646.21	648.06	648.04	0.28	ppb
Sulfur	34-1	17061.74	17071.74	17272.72	17135.40	0.69	ppb
Terbium	159-1				109		%
Terbium	159-2				90		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.02		ppb
Tin	118-1	1.32	1.58	1.40	1.43	9.41	ppb
Titanium	47-1	3.02	3.07	2.16	2.75	18.70	ppb
Uranium	238-1	2.42	2.23	2.34	2.33	4.03	ppb
Vanadium	51-2	0.87	0.80	0.52	0.73	24.86	ppb
Yttrium	89-1				96		%
Yttrium	89-2				74		%
Zinc	66-2	5.06	5.43	4.59	5.03	8.33	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-05	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:06:25	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.17	0.21	0.40	0.26	47.90	ppb
Zirconium	91-1	0.20	0.13	0.21	0.18	24.35	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-05DUP Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412DL Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 18:09:48 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	191.87	158.97	178.61	176.48	9.38	ppb
Antimony	121-1	1.46	1.39	1.54	1.46	5.16	ppb
Arsenic	75-2	6.52	6.44	5.50	6.15	9.22	ppb
Barium	135-1	79.47	78.84	79.72	79.34	0.57	ppb
Barium	137-1	78.52	78.11	79.63	78.75	0.99	ppb
Beryllium	9-1	-0.01	-0.03	0.02	0.00		ppb
Bismuth	209-1				112		%
Bismuth	209-2				90		%
Boron	10-1	119.01	119.72	119.88	119.54	0.39	ppb
Boron	11-1	111.58	120.03	126.24	119.28	6.17	ppb
Cadmium	111-1	-0.02	0.00	-0.13	-0.05		ppb
Cadmium	106-1	-1.50	-1.17	-2.40	-1.69		ppb
Cadmium	108-1	0.02	0.26	0.07	0.12	107.74	ppb
Calcium	43-1	99411.34	99187.46	101768.45	100122.41	1.43	ppb
Calcium	44-1	100907.79	99530.96	102370.91	100936.55	1.41	ppb
Chromium	52-2	2.00	1.77	1.87	1.88	6.20	ppb
Cobalt	59-2	0.49	0.59	0.54	0.54	9.87	ppb
Copper	63-2	1.46	1.53	1.59	1.53	4.38	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				112		%
Holmium	165-2				90		%
Indium	115-1				101		%
Indium	115-2				78		%
Iron	56-2	399.95	406.59	401.83	402.79	0.85	ppb
Iron	57-2	333.54	398.14	377.37	369.68	8.92	ppb
Krypton	83-1						cps
Lead	206-1	0.44	0.42	0.45	0.44	3.88	ppb
Lead	207-1	0.39	0.39	0.39	0.39	0.63	ppb
Lead	208-1	0.41	0.41	0.42	0.41	1.02	ppb
Lithium	6-1				123		%
Magnesium	24-2	16211.90	16555.77	16028.60	16265.42	1.65	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-05DUP Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412DL Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 18:09:48 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	311.27	318.39	313.81	314.49	1.15	ppb
Molybdenum	94-1	2.14	2.34	2.38	2.29	5.69	ppb
Molybdenum	95-1	2.83	2.90	2.98	2.90	2.56	ppb
Molybdenum	96-1	2.90	2.73	2.92	2.85	3.71	ppb
Molybdenum	97-1	3.06	2.82	3.10	2.99	5.18	ppb
Molybdenum	98-1	3.09	2.90	3.09	3.03	3.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.39	3.92	4.64	4.32	8.50	ppb
Phosphorus	31-2	8.63	97.30	52.32	52.75	84.05	ppb
Potassium	39-2	2475.42	2575.46	2536.61	2529.16	1.99	ppb
Rhodium	103-1				96		%
Rhodium	103-2				82		%
Scandium	45-1				83		%
Scandium	45-2				67		%
Selenium	77-2	-6.62	-6.62	-6.62	-6.62		ppb
Selenium	78-2	0.39	0.38	-1.06	-0.09		ppb
Selenium	82-1	0.96	1.14	-0.28	0.61	127.88	ppb
Silicon	28-1	8391.74	8235.29	8469.01	8365.35	1.42	ppb
Silver	109-1	0.14	0.10	0.11	0.12	15.68	ppb
Silver	107-1	0.11	0.10	0.13	0.11	16.17	ppb
Sodium	23-2	44577.14	45585.34	44725.91	44962.80	1.21	ppb
Strontium	86-1	645.68	634.62	642.98	641.09	0.90	ppb
Strontium	88-1	656.50	640.90	657.77	651.72	1.44	ppb
Sulfur	34-1	16975.79	16106.47	16915.83	16666.03	2.91	ppb
Terbium	159-1				109		%
Terbium	159-2				89		%
Thallium	203-1	-0.01	-0.01	-0.03	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	1.21	1.24	1.30	1.25	3.80	ppb
Titanium	47-1	2.33	2.39	2.25	2.33	3.00	ppb
Uranium	238-1	2.24	2.34	2.29	2.29	2.22	ppb
Vanadium	51-2	0.48	0.81	0.68	0.65	25.13	ppb
Yttrium	89-1				96		%
Yttrium	89-2				74		%
Zinc	66-2	4.20	6.06	5.41	5.22	18.11	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-05DUP	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412DL	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:09:48	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.17	0.19	0.16	0.17	9.93	ppb
Zirconium	91-1	0.16	0.26	0.15	0.19	31.67	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-05LX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412L	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 18:13:10	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50.09	44.82	55.61	50.18	10.75	ppb
Antimony	121-1	0.28	0.30	0.26	0.28	7.03	ppb
Arsenic	75-2	0.94	0.99	1.19	1.04	12.99	ppb
Barium	135-1	14.99	15.61	15.28	15.29	2.05	ppb
Barium	137-1	15.60	15.62	15.55	15.59	0.22	ppb
Beryllium	9-1	0.02	0.04	-0.01	0.02	146.52	ppb
Bismuth	209-1				117		%
Bismuth	209-2				98		%
Boron	10-1	35.86	36.49	34.31	35.55	3.15	ppb
Boron	11-1	38.22	37.11	35.93	37.09	3.09	ppb
Cadmium	111-1	-0.08	-0.21	-0.05	-0.11		ppb
Cadmium	106-1	-1.40	-2.88	-1.19	-1.82		ppb
Cadmium	108-1	-0.03	-0.07	0.02	-0.03		ppb
Calcium	43-1	19647.92	20020.86	19873.65	19847.47	0.95	ppb
Calcium	44-1	20039.28	20197.41	20365.68	20200.79	0.81	ppb
Chromium	52-2	0.42	0.49	0.23	0.38	35.06	ppb
Cobalt	59-2	0.03	0.07	0.06	0.05	43.60	ppb
Copper	63-2	0.46	0.52	0.30	0.43	26.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				97		%
Indium	115-1				106		%
Indium	115-2				87		%
Iron	56-2	75.94	81.28	75.20	77.47	4.28	ppb
Iron	57-2	57.11	83.87	76.68	72.55	19.09	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.07	0.05	0.05	25.67	ppb
Lead	207-1	0.04	0.03	0.02	0.03	36.10	ppb
Lead	208-1	0.05	0.04	0.04	0.04	3.13	ppb
Lithium	6-1				108		%
Magnesium	24-2	3300.12	3233.40	3097.78	3210.44	3.21	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-05LX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412L	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 18:13:10	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	63.67	65.98	59.28	62.98	5.41	ppb
Molybdenum	94-1	0.48	0.43	0.33	0.41	17.97	ppb
Molybdenum	95-1	0.49	0.59	0.58	0.56	9.78	ppb
Molybdenum	96-1	0.53	0.60	0.50	0.54	9.46	ppb
Molybdenum	97-1	0.57	0.46	0.64	0.56	16.53	ppb
Molybdenum	98-1	0.50	0.62	0.58	0.56	10.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.40	-0.05	0.21	110.44	ppb
Phosphorus	31-2	4.78	44.14	-33.94	4.99	781.97	ppb
Potassium	39-2	478.25	474.26	526.01	492.84	5.84	ppb
Rhodium	103-1				103		%
Rhodium	103-2				90		%
Scandium	45-1				90		%
Scandium	45-2				76		%
Selenium	77-2	-6.62	-6.62	-6.62	-6.62		ppb
Selenium	78-2	1.50	-1.06	1.49	0.64	228.74	ppb
Selenium	82-1	1.21	0.55	0.01	0.59	101.30	ppb
Silicon	28-1	1666.81	1679.87	1694.83	1680.50	0.83	ppb
Silver	109-1	0.05	0.04	0.04	0.04	3.53	ppb
Silver	107-1	0.05	0.05	0.06	0.05	8.26	ppb
Sodium	23-2	8535.15	8611.76	8105.47	8417.46	3.24	ppb
Strontium	86-1	124.21	124.14	124.55	124.30	0.18	ppb
Strontium	88-1	129.76	130.75	130.12	130.21	0.38	ppb
Sulfur	34-1	842.30	825.78	1179.13	949.07	21.01	ppb
Terbium	159-1				114		%
Terbium	159-2				96		%
Thallium	203-1	-0.04	-0.03	-0.04	-0.04		ppb
Thallium	205-1	-0.04	-0.05	-0.04	-0.04		ppb
Tin	118-1	0.15	0.12	0.16	0.14	16.69	ppb
Titanium	47-1	0.72	0.50	0.38	0.53	31.58	ppb
Uranium	238-1	0.45	0.42	0.40	0.42	6.08	ppb
Vanadium	51-2	0.17	0.20	0.18	0.18	9.38	ppb
Yttrium	89-1				102		%
Yttrium	89-2				83		%
Zinc	66-2	0.78	1.06	1.18	1.01	20.46	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-05LX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412L	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 18:13:10	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.03	0.01	0.02	38.93	ppb
Zirconium	91-1	0.02	0.03	0.02	0.02	40.92	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:17:27	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52260.47	52610.74	51431.00	52100.73	1.16	ppb
Antimony	121-1	470.83	470.52	475.73	472.36	0.62	ppb
Arsenic	75-2	507.15	499.32	494.29	500.25	1.30	ppb
Barium	135-1	2544.40	2517.32	2534.99	2532.24	0.54	ppb
Barium	137-1	2524.09	2499.12	2526.12	2516.44	0.60	ppb
Beryllium	9-1	483.77	493.46	492.13	489.79	1.07	ppb
Bismuth	209-1				112		%
Bismuth	209-2				96		%
Boron	10-1	474.43	485.58	503.97	487.99	3.06	ppb
Boron	11-1	471.98	488.20	504.71	488.30	3.35	ppb
Cadmium	111-1	478.67	478.32	481.21	479.40	0.33	ppb
Cadmium	106-1	472.97	475.06	481.07	476.37	0.88	ppb
Cadmium	108-1	483.14	473.39	487.36	481.30	1.49	ppb
Calcium	43-1	243929.06	246647.57	240964.81	243847.15	1.17	ppb
Calcium	44-1	240877.53	240676.11	237578.18	239710.61	0.77	ppb
Chromium	52-2	520.95	532.32	517.97	523.75	1.45	ppb
Cobalt	59-2	514.75	519.51	506.37	513.54	1.30	ppb
Copper	63-2	999.72	1019.58	988.70	1002.67	1.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				88		%
Iron	56-2	130926.16	131845.06	128811.05	130527.42	1.19	ppb
Iron	57-2	126858.52	128525.31	126007.04	127130.29	1.01	ppb
Krypton	83-1						cps
Lead	206-1	517.02	518.61	505.64	513.76	1.38	ppb
Lead	207-1	521.84	523.03	512.60	519.16	1.10	ppb
Lead	208-1	521.85	522.79	511.84	518.83	1.17	ppb
Lithium	6-1				98		%
Magnesium	24-2	244890.71	251105.83	242783.19	246259.91	1.76	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:17:27	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1007.77	1029.66	997.15	1011.53	1.64	ppb
Molybdenum	94-1	2532.52	2575.74	2555.82	2554.69	0.85	ppb
Molybdenum	95-1	2569.45	2562.35	2561.96	2564.59	0.16	ppb
Molybdenum	96-1	2563.61	2536.78	2541.22	2547.20	0.56	ppb
Molybdenum	97-1	2560.22	2551.79	2565.97	2559.33	0.28	ppb
Molybdenum	98-1	2566.69	2541.96	2526.83	2545.16	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.57	525.64	510.43	517.88	1.47	ppb
Phosphorus	31-2	10208.35	9748.18	10964.02	10306.85	5.96	ppb
Potassium	39-2	122121.61	125165.95	122264.05	123183.87	1.39	ppb
Rhodium	103-1				100		%
Rhodium	103-2				90		%
Scandium	45-1				98		%
Scandium	45-2				85		%
Selenium	77-2	564.65	509.47	459.78	511.30	10.26	ppb
Selenium	78-2	494.74	529.45	491.78	505.32	4.14	ppb
Selenium	82-1	492.78	492.55	491.73	492.35	0.11	ppb
Silicon	28-1	467.31	458.57	457.47	461.11	1.17	ppb
Silver	109-1	488.69	485.39	488.19	487.42	0.36	ppb
Silver	107-1	481.84	485.29	482.89	483.34	0.37	ppb
Sodium	23-2	249597.37	251390.24	250344.12	250443.91	0.36	ppb
Strontium	86-1	503.67	511.70	505.25	506.87	0.84	ppb
Strontium	88-1	514.53	507.32	513.69	511.84	0.77	ppb
Sulfur	34-1	7652.42	7518.78	6878.19	7349.80	5.63	ppb
Terbium	159-1				113		%
Terbium	159-2				99		%
Thallium	203-1	519.06	520.28	512.52	517.29	0.81	ppb
Thallium	205-1	513.61	517.53	504.12	511.75	1.35	ppb
Tin	118-1	493.52	496.18	501.79	497.16	0.85	ppb
Titanium	47-1	2528.82	2556.14	2531.71	2538.89	0.59	ppb
Uranium	238-1	535.24	534.13	528.30	532.56	0.70	ppb
Vanadium	51-2	509.97	517.73	509.69	512.46	0.89	ppb
Yttrium	89-1				104		%
Yttrium	89-2				90		%
Zinc	66-2	997.20	1002.51	999.59	999.77	0.27	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:17:27	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	513.06	509.87	510.15	511.02	0.35	ppb
Zirconium	91-1	493.24	494.21	494.24	493.90	0.12	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : CCB32 Instrumnet Name : P8
 Client Sample ID : CCB32 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 18:23:12 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.73	4.27	-0.96	3.35	117.41	ppb
Antimony	121-1	0.48	0.69	0.71	0.63	19.87	ppb
Arsenic	75-2	0.11	-0.03	0.03	0.04	187.24	ppb
Barium	135-1	-0.06	-0.05	-0.06	-0.06		ppb
Barium	137-1	-0.05	-0.05	-0.06	-0.05		ppb
Beryllium	9-1	0.21	0.18	0.08	0.16	43.12	ppb
Bismuth	209-1				118		%
Bismuth	209-2				102		%
Boron	10-1	10.42	12.79	10.40	11.21	12.24	ppb
Boron	11-1	10.89	10.97	9.24	10.37	9.43	ppb
Cadmium	111-1	-0.13	-0.08	-0.07	-0.09		ppb
Cadmium	106-1	-1.70	-1.62	-1.16	-1.49		ppb
Cadmium	108-1	0.11	-0.12	-0.12	-0.04		ppb
Calcium	43-1	-26.12	-40.75	-28.67	-31.84		ppb
Calcium	44-1	6.39	4.41	4.65	5.15	20.93	ppb
Chromium	52-2	-0.06	-0.05	-0.07	-0.06		ppb
Cobalt	59-2	-0.02	-0.01	-0.03	-0.02		ppb
Copper	63-2	0.00	0.07	0.00	0.02	170.10	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				115		%
Holmium	165-2				100		%
Indium	115-1				108		%
Indium	115-2				92		%
Iron	56-2	2.15	2.27	1.67	2.03	15.75	ppb
Iron	57-2	2.50	1.16	-1.14	0.84	218.62	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	-0.02	-0.01		ppb
Lead	207-1	-0.04	-0.01	-0.01	-0.02		ppb
Lead	208-1	-0.01	-0.01	-0.01	-0.01		ppb
Lithium	6-1				108		%
Magnesium	24-2	-40.01	-27.48	-24.82	-30.77		ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:23:12	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.09	-0.02	0.05	-0.02		ppb
Molybdenum	94-1	0.46	0.71	0.76	0.64	25.20	ppb
Molybdenum	95-1	0.60	0.87	1.03	0.83	26.05	ppb
Molybdenum	96-1	0.50	0.77	0.93	0.73	29.14	ppb
Molybdenum	97-1	0.60	0.81	0.96	0.79	22.42	ppb
Molybdenum	98-1	0.57	0.78	1.04	0.80	29.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.53	-0.44	-0.35		ppb
Phosphorus	31-2	-33.94	1.57	0.69	-10.56		ppb
Potassium	39-2	-22.09	-2.65	-20.69	-15.14		ppb
Rhodium	103-1				106		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				82		%
Selenium	77-2	-6.62	-6.62	0.76	-4.16		ppb
Selenium	78-2	1.31	0.13	-1.06	0.13	912.47	ppb
Selenium	82-1	1.02	0.31	0.49	0.61	61.02	ppb
Silicon	28-1	-35.16	-38.43	-38.29	-37.30		ppb
Silver	109-1	0.02	0.02	0.01	0.02	23.20	ppb
Silver	107-1	0.04	0.05	0.04	0.04	15.76	ppb
Sodium	23-2	55.55	54.18	56.23	55.32	1.89	ppb
Strontium	86-1	0.10	-0.09	-0.07	-0.02		ppb
Strontium	88-1	-0.02	-0.02	-0.02	-0.02		ppb
Sulfur	34-1	-2019.60	-2433.22	-2239.95	-2230.92		ppb
Terbium	159-1				113		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.03	0.02	0.03	14.99	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	14.56	ppb
Tin	118-1	0.15	0.13	0.19	0.16	19.99	ppb
Titanium	47-1	0.05	0.07	-0.07	0.02	476.80	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.01	0.00	-0.01	-0.01		ppb
Yttrium	89-1				104		%
Yttrium	89-2				90		%
Zinc	66-2	0.11	0.08	-0.02	0.06	122.51	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:23:12	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.06	0.07	0.07	4.97	ppb
Zirconium	91-1	0.10	0.06	0.11	0.09	26.95	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-06 Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412MS Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 18:26:37 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10177.44	10358.01	10958.66	10498.04	3.90	ppb
Antimony	121-1	494.28	493.01	489.78	492.36	0.47	ppb
Arsenic	75-2	517.25	516.55	557.45	530.41	4.41	ppb
Barium	135-1	2538.68	2533.00	2514.46	2528.71	0.50	ppb
Barium	137-1	2494.90	2499.55	2496.59	2497.01	0.09	ppb
Beryllium	9-1	304.96	296.48	290.53	297.33	2.44	ppb
Bismuth	209-1				113		%
Bismuth	209-2				87		%
Boron	10-1	396.04	399.70	398.02	397.92	0.46	ppb
Boron	11-1	387.56	395.14	388.19	390.30	1.08	ppb
Cadmium	111-1	471.83	471.98	469.82	471.21	0.26	ppb
Cadmium	106-1	464.08	466.49	462.68	464.42	0.42	ppb
Cadmium	108-1	458.44	464.51	460.42	461.13	0.67	ppb
Calcium	43-1	146247.42	148763.52	148292.78	147767.91	0.91	ppb
Calcium	44-1	145113.29	145083.46	146774.92	145657.22	0.66	ppb
Chromium	52-2	556.39	577.50	607.83	580.57	4.45	ppb
Cobalt	59-2	560.48	577.50	611.25	583.08	4.43	ppb
Copper	63-2	1143.00	1187.88	1261.28	1197.39	4.99	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				113		%
Holmium	165-2				88		%
Indium	115-1				100		%
Indium	115-2				73		%
Iron	56-2	28039.10	29209.38	30798.90	29349.13	4.72	ppb
Iron	57-2	27483.06	27881.57	30064.95	28476.53	4.88	ppb
Krypton	83-1						cps
Lead	206-1	508.90	507.63	520.61	512.38	1.40	ppb
Lead	207-1	501.66	512.61	518.14	510.80	1.64	ppb
Lead	208-1	505.54	512.98	519.71	512.74	1.38	ppb
Lithium	6-1				132		%
Magnesium	24-2	66079.75	68169.83	72025.78	68758.45	4.39	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-06 Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412MS Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 18:26:37 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1334.18	1382.97	1466.20	1394.45	4.79	ppb
Molybdenum	94-1	2536.38	2589.37	2581.42	2569.06	1.11	ppb
Molybdenum	95-1	2545.58	2549.47	2544.37	2546.47	0.10	ppb
Molybdenum	96-1	2549.03	2594.09	2563.97	2569.03	0.89	ppb
Molybdenum	97-1	2550.23	2608.04	2575.71	2577.99	1.12	ppb
Molybdenum	98-1	2554.98	2576.55	2537.43	2556.32	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	576.92	595.87	636.33	603.04	5.03	ppb
Phosphorus	31-2	10.20	11.85	63.60	28.55	106.36	ppb
Potassium	39-2	26566.74	27423.52	28738.28	27576.18	3.97	ppb
Rhodium	103-1				96		%
Rhodium	103-2				79		%
Scandium	45-1				84		%
Scandium	45-2				63		%
Selenium	77-2	474.97	484.33	375.03	444.77	13.62	ppb
Selenium	78-2	473.66	492.85	615.27	527.26	14.57	ppb
Selenium	82-1	500.92	501.16	496.46	499.51	0.53	ppb
Silicon	28-1	8880.03	8984.89	9041.88	8968.93	0.92	ppb
Silver	109-1	489.13	489.61	485.58	488.11	0.45	ppb
Silver	107-1	491.27	493.36	489.95	491.53	0.35	ppb
Sodium	23-2	95379.05	98718.41	105510.01	99869.16	5.17	ppb
Strontium	86-1	1138.48	1166.14	1141.52	1148.71	1.32	ppb
Strontium	88-1	1147.07	1166.33	1138.05	1150.49	1.26	ppb
Sulfur	34-1	16081.41	16510.10	16137.02	16242.84	1.44	ppb
Terbium	159-1				110		%
Terbium	159-2				87		%
Thallium	203-1	510.17	520.41	537.68	522.76	2.66	ppb
Thallium	205-1	505.71	514.72	527.19	515.87	2.09	ppb
Tin	118-1	469.23	469.99	462.74	467.32	0.85	ppb
Titanium	47-1	2430.79	2432.42	2465.14	2442.78	0.79	ppb
Uranium	238-1	523.02	537.67	540.79	533.83	1.78	ppb
Vanadium	51-2	529.76	550.43	579.05	553.08	4.48	ppb
Yttrium	89-1				97		%
Yttrium	89-2				71		%
Zinc	66-2	1064.14	1086.18	1166.34	1105.55	4.86	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-06	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412MS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:26:37	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	508.27	515.17	513.96	512.47	0.72	ppb
Zirconium	91-1	496.55	503.50	499.65	499.90	0.70	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-07 Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412MS Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 18:29:53 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10336.35	10041.64	9686.65	10021.54	3.25	ppb
Antimony	121-1	496.00	492.70	496.74	495.15	0.43	ppb
Arsenic	75-2	518.66	516.74	514.31	516.57	0.42	ppb
Barium	135-1	2529.86	2544.60	2564.73	2546.40	0.69	ppb
Barium	137-1	2515.41	2518.95	2561.56	2531.97	1.01	ppb
Beryllium	9-1	299.03	295.81	296.85	297.23	0.55	ppb
Bismuth	209-1				112		%
Bismuth	209-2				89		%
Boron	10-1	401.83	408.53	406.96	405.77	0.86	ppb
Boron	11-1	391.69	408.30	405.84	401.94	2.23	ppb
Cadmium	111-1	472.16	469.75	479.61	473.84	1.08	ppb
Cadmium	106-1	464.72	474.65	471.67	470.34	1.08	ppb
Cadmium	108-1	464.17	469.77	467.04	466.99	0.60	ppb
Calcium	43-1	148651.99	149288.04	151326.20	149755.41	0.93	ppb
Calcium	44-1	151244.64	147040.52	149440.40	149241.85	1.41	ppb
Chromium	52-2	569.01	564.21	559.47	564.23	0.85	ppb
Cobalt	59-2	582.50	573.89	574.24	576.88	0.84	ppb
Copper	63-2	1195.42	1180.28	1180.36	1185.35	0.74	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				113		%
Holmium	165-2				90		%
Indium	115-1				99		%
Indium	115-2				73		%
Iron	56-2	29103.39	28879.41	28755.00	28912.60	0.61	ppb
Iron	57-2	28226.53	28112.48	28219.21	28186.08	0.23	ppb
Krypton	83-1						cps
Lead	206-1	515.12	528.80	522.00	521.97	1.31	ppb
Lead	207-1	521.48	534.25	518.57	524.77	1.59	ppb
Lead	208-1	520.32	533.57	522.16	525.35	1.37	ppb
Lithium	6-1				129		%
Magnesium	24-2	67579.09	66177.48	67013.49	66923.35	1.05	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-07	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412MS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:29:53	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1369.07	1369.36	1356.77	1365.06	0.53	ppb
Molybdenum	94-1	2646.05	2654.84	2620.50	2640.47	0.68	ppb
Molybdenum	95-1	2643.45	2594.36	2617.18	2618.33	0.94	ppb
Molybdenum	96-1	2647.61	2609.64	2608.08	2621.77	0.85	ppb
Molybdenum	97-1	2672.28	2603.44	2629.57	2635.10	1.32	ppb
Molybdenum	98-1	2629.88	2621.95	2604.29	2618.71	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	595.81	591.91	591.85	593.19	0.38	ppb
Phosphorus	31-2	11.59	11.24	-33.94	-3.70		ppb
Potassium	39-2	27559.63	27001.11	26838.04	27132.92	1.39	ppb
Rhodium	103-1				95		%
Rhodium	103-2				80		%
Scandium	45-1				83		%
Scandium	45-2				64		%
Selenium	77-2	417.96	493.61	523.44	478.34	11.37	ppb
Selenium	78-2	463.40	546.75	477.86	496.00	8.98	ppb
Selenium	82-1	507.16	500.59	503.90	503.88	0.65	ppb
Silicon	28-1	9042.14	8995.58	8961.97	8999.90	0.45	ppb
Silver	109-1	484.52	489.40	495.01	489.64	1.07	ppb
Silver	107-1	490.41	495.30	494.42	493.38	0.53	ppb
Sodium	23-2	97550.73	99103.76	98200.33	98284.94	0.79	ppb
Strontium	86-1	1185.29	1164.42	1185.03	1178.25	1.02	ppb
Strontium	88-1	1182.65	1165.62	1185.66	1177.98	0.92	ppb
Sulfur	34-1	16747.21	15877.59	16061.85	16228.89	2.82	ppb
Terbium	159-1				111		%
Terbium	159-2				89		%
Thallium	203-1	530.58	541.68	526.95	533.07	1.44	ppb
Thallium	205-1	531.19	537.98	530.55	533.24	0.77	ppb
Tin	118-1	469.59	470.08	474.91	471.52	0.62	ppb
Titanium	47-1	2521.37	2486.64	2476.93	2494.98	0.94	ppb
Uranium	238-1	546.64	549.63	548.10	548.12	0.27	ppb
Vanadium	51-2	551.76	541.83	540.64	544.74	1.12	ppb
Yttrium	89-1				96		%
Yttrium	89-2				72		%
Zinc	66-2	1100.87	1092.25	1100.37	1097.83	0.44	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-07	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412MS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:29:53	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	525.91	525.02	519.91	523.62	0.62	ppb
Zirconium	91-1	510.49	509.28	508.76	509.51	0.17	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-05A Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412A Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 18:33:08 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9958.00	10380.41	10165.93	10168.11	2.08	ppb
Antimony	121-1	496.70	491.74	500.79	496.41	0.91	ppb
Arsenic	75-2	515.15	529.20	524.99	523.11	1.38	ppb
Barium	135-1	2596.39	2533.26	2581.54	2570.40	1.28	ppb
Barium	137-1	2558.55	2533.39	2543.42	2545.12	0.50	ppb
Beryllium	9-1	303.98	302.28	304.19	303.48	0.34	ppb
Bismuth	209-1				112		%
Bismuth	209-2				89		%
Boron	10-1	411.18	424.55	427.97	421.23	2.11	ppb
Boron	11-1	399.84	410.80	411.76	407.46	1.62	ppb
Cadmium	111-1	476.84	472.69	479.17	476.23	0.69	ppb
Cadmium	106-1	460.36	466.08	468.12	464.86	0.87	ppb
Cadmium	108-1	483.29	468.02	478.97	476.76	1.65	ppb
Calcium	43-1	147759.56	150900.38	149072.32	149244.09	1.06	ppb
Calcium	44-1	147762.40	148648.09	148286.19	148232.23	0.30	ppb
Chromium	52-2	567.69	567.80	587.92	574.47	2.03	ppb
Cobalt	59-2	575.27	578.99	598.31	584.19	2.12	ppb
Copper	63-2	1190.18	1191.18	1230.78	1204.05	1.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				90		%
Indium	115-1				99		%
Indium	115-2				73		%
Iron	56-2	28902.52	29072.11	29896.56	29290.40	1.82	ppb
Iron	57-2	27836.56	27633.93	29000.48	28156.99	2.62	ppb
Krypton	83-1						cps
Lead	206-1	521.56	528.85	523.06	524.49	0.73	ppb
Lead	207-1	517.39	534.62	532.39	528.13	1.77	ppb
Lead	208-1	523.22	533.21	524.24	526.89	1.04	ppb
Lithium	6-1				126		%
Magnesium	24-2	67013.34	66935.90	68942.87	67630.70	1.68	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-05A	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412A	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:33:08	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1356.56	1381.78	1401.21	1379.85	1.62	ppb
Molybdenum	94-1	2604.63	2631.94	2643.71	2626.76	0.76	ppb
Molybdenum	95-1	2580.02	2616.73	2595.17	2597.31	0.71	ppb
Molybdenum	96-1	2601.62	2608.48	2625.27	2611.79	0.47	ppb
Molybdenum	97-1	2621.26	2633.61	2619.29	2624.72	0.30	ppb
Molybdenum	98-1	2603.42	2606.00	2606.25	2605.22	0.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	598.52	603.93	622.66	608.37	2.08	ppb
Phosphorus	31-2	56.66	11.63	13.22	27.17	94.06	ppb
Potassium	39-2	27179.75	27219.46	27610.77	27336.66	0.87	ppb
Rhodium	103-1				95		%
Rhodium	103-2				80		%
Scandium	45-1				82		%
Scandium	45-2				63		%
Selenium	77-2	423.16	576.57	493.19	497.64	15.43	ppb
Selenium	78-2	529.43	502.43	449.87	493.91	8.19	ppb
Selenium	82-1	502.15	505.40	512.33	506.62	1.03	ppb
Silicon	28-1	9059.50	9130.38	8942.54	9044.14	1.05	ppb
Silver	109-1	496.72	495.36	502.82	498.30	0.80	ppb
Silver	107-1	498.62	492.08	499.80	496.83	0.84	ppb
Sodium	23-2	96995.07	97872.75	99508.06	98125.29	1.30	ppb
Strontium	86-1	1158.36	1165.07	1168.21	1163.88	0.43	ppb
Strontium	88-1	1171.35	1175.29	1177.39	1174.68	0.26	ppb
Sulfur	34-1	16283.10	16374.29	16156.50	16271.30	0.67	ppb
Terbium	159-1				110		%
Terbium	159-2				89		%
Thallium	203-1	530.34	539.90	531.83	534.02	0.96	ppb
Thallium	205-1	527.75	542.80	532.04	534.20	1.45	ppb
Tin	118-1	478.98	474.05	477.12	476.72	0.52	ppb
Titanium	47-1	2481.20	2512.13	2502.91	2498.75	0.64	ppb
Uranium	238-1	546.01	555.35	547.00	549.45	0.93	ppb
Vanadium	51-2	544.39	544.64	564.47	551.17	2.09	ppb
Yttrium	89-1				96		%
Yttrium	89-2				71		%
Zinc	66-2	1099.29	1088.94	1135.24	1107.82	2.19	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-05A	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412A	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:33:08	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	528.72	527.35	527.44	527.83	0.14	ppb
Zirconium	91-1	507.46	507.40	509.31	508.06	0.21	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-08	Instrumnet Name :	P8
Client Sample ID :	DUP-0442-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:36:24	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.94	40.29	23.55	26.93	44.71	ppb
Antimony	121-1	1.46	1.49	1.53	1.49	2.36	ppb
Arsenic	75-2	5.66	5.62	6.47	5.92	8.09	ppb
Barium	135-1	141.89	140.47	138.28	140.21	1.30	ppb
Barium	137-1	140.34	138.52	139.07	139.31	0.67	ppb
Beryllium	9-1	0.57	0.52	0.36	0.48	22.63	ppb
Bismuth	209-1				114		%
Bismuth	209-2				90		%
Boron	10-1	235.17	253.68	262.77	250.54	5.61	ppb
Boron	11-1	235.24	243.49	253.55	244.09	3.75	ppb
Cadmium	111-1	0.13	0.02	-0.01	0.05	165.24	ppb
Cadmium	106-1	-0.61	-1.12	-1.54	-1.09		ppb
Cadmium	108-1	0.12	0.11	0.20	0.14	35.07	ppb
Calcium	43-1	123899.55	124365.48	125649.26	124638.10	0.73	ppb
Calcium	44-1	125317.47	126270.08	126526.51	126038.02	0.51	ppb
Chromium	52-2	0.88	0.84	0.88	0.87	2.30	ppb
Cobalt	59-2	2.14	2.01	2.13	2.09	3.42	ppb
Copper	63-2	1.30	1.32	1.04	1.22	12.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				89		%
Indium	115-1				101		%
Indium	115-2				75		%
Iron	56-2	14407.22	14142.67	14119.46	14223.12	1.12	ppb
Iron	57-2	14030.13	13390.43	13521.92	13647.49	2.48	ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.25	0.28	0.27	5.74	ppb
Lead	207-1	0.24	0.23	0.22	0.23	5.03	ppb
Lead	208-1	0.27	0.25	0.24	0.25	4.95	ppb
Lithium	6-1				121		%
Magnesium	24-2	25078.71	24250.78	24122.32	24483.94	2.12	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-08	Instrumnet Name :	P8
Client Sample ID :	DUP-0442-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:36:24	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	780.98	772.03	767.28	773.43	0.90	ppb
Molybdenum	94-1	4.18	4.06	4.01	4.08	2.16	ppb
Molybdenum	95-1	4.23	4.68	4.92	4.61	7.53	ppb
Molybdenum	96-1	4.54	4.73	4.74	4.67	2.40	ppb
Molybdenum	97-1	4.85	4.89	5.45	5.06	6.57	ppb
Molybdenum	98-1	4.71	4.95	5.34	5.00	6.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.30	2.11	2.01	2.14	6.87	ppb
Phosphorus	31-2	12.79	-33.94	12.46	-2.90		ppb
Potassium	39-2	1470.93	1402.52	1427.90	1433.78	2.41	ppb
Rhodium	103-1				97		%
Rhodium	103-2				81		%
Scandium	45-1				82		%
Scandium	45-2				62		%
Selenium	77-2	-6.62	-6.62	-6.62	-6.62		ppb
Selenium	78-2	0.41	-1.06	0.44	-0.07		ppb
Selenium	82-1	1.19	1.81	1.74	1.58	21.37	ppb
Silicon	28-1	10032.58	10058.54	10179.36	10090.16	0.78	ppb
Silver	109-1	0.12	0.29	0.09	0.17	64.79	ppb
Silver	107-1	0.12	0.14	0.10	0.12	15.29	ppb
Sodium	23-2	47343.34	47162.44	47755.29	47420.36	0.64	ppb
Strontium	86-1	642.68	643.90	660.98	649.19	1.58	ppb
Strontium	88-1	659.26	651.16	669.50	659.98	1.39	ppb
Sulfur	34-1	-3399.76	-3613.98	-3536.41	-3516.72		ppb
Terbium	159-1				110		%
Terbium	159-2				88		%
Thallium	203-1	0.14	0.19	0.16	0.16	15.41	ppb
Thallium	205-1	0.18	0.13	0.13	0.15	19.21	ppb
Tin	118-1	5.80	5.54	5.39	5.58	3.71	ppb
Titanium	47-1	2.49	2.34	2.15	2.33	7.28	ppb
Uranium	238-1	0.25	0.28	0.28	0.27	7.37	ppb
Vanadium	51-2	0.50	0.52	0.50	0.51	2.49	ppb
Yttrium	89-1				96		%
Yttrium	89-2				72		%
Zinc	66-2	4.40	5.53	5.88	5.27	14.62	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-08	Instrumnet Name :	P8
Client Sample ID :	DUP-0442-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:36:24	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.59	0.54	0.53	0.56	5.89	ppb
Zirconium	91-1	0.55	0.53	0.52	0.53	3.07	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-10	Instrumnet Name :	P8
Client Sample ID :	LF014RW041-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:39:47	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	190.05	267.47	196.31	217.95	19.73	ppb
Antimony	121-1	1.45	1.43	1.52	1.47	3.17	ppb
Arsenic	75-2	6.68	5.61	5.72	6.00	9.88	ppb
Barium	135-1	183.17	181.32	181.78	182.09	0.53	ppb
Barium	137-1	182.59	183.33	184.81	183.58	0.61	ppb
Beryllium	9-1	0.26	0.22	0.29	0.26	14.37	ppb
Bismuth	209-1				115		%
Bismuth	209-2				91		%
Boron	10-1	102.57	103.93	110.13	105.54	3.82	ppb
Boron	11-1	101.07	102.05	105.21	102.78	2.10	ppb
Cadmium	111-1	0.52	0.59	0.52	0.54	7.78	ppb
Cadmium	106-1	-1.28	-1.96	-1.02	-1.42		ppb
Cadmium	108-1	0.49	0.80	0.44	0.58	34.28	ppb
Calcium	43-1	108990.39	108496.22	110290.03	109258.88	0.85	ppb
Calcium	44-1	109521.94	109636.37	110457.69	109872.00	0.46	ppb
Chromium	52-2	1.08	0.90	1.02	1.00	9.17	ppb
Cobalt	59-2	1.65	1.64	1.68	1.66	1.18	ppb
Copper	63-2	1.64	1.41	1.42	1.49	8.56	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				113		%
Holmium	165-2				89		%
Indium	115-1				103		%
Indium	115-2				75		%
Iron	56-2	2481.81	2462.76	2347.67	2430.75	2.99	ppb
Iron	57-2	2493.63	2451.29	2285.02	2409.98	4.58	ppb
Krypton	83-1						cps
Lead	206-1	0.54	0.57	0.50	0.53	6.51	ppb
Lead	207-1	0.48	0.49	0.45	0.47	4.38	ppb
Lead	208-1	0.50	0.52	0.49	0.50	3.32	ppb
Lithium	6-1				117		%
Magnesium	24-2	9875.44	9806.94	9467.38	9716.59	2.25	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-10	Instrumnet Name :	P8
Client Sample ID :	LF014RW041-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:39:47	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2154.32	2130.73	2039.08	2108.04	2.89	ppb
Molybdenum	94-1	1.72	1.75	1.66	1.71	2.62	ppb
Molybdenum	95-1	1.50	1.60	1.69	1.60	6.05	ppb
Molybdenum	96-1	1.44	1.53	1.77	1.58	10.60	ppb
Molybdenum	97-1	1.25	1.70	1.63	1.53	15.98	ppb
Molybdenum	98-1	1.47	1.60	1.78	1.62	9.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.43	4.91	4.45	4.60	5.82	ppb
Phosphorus	31-2	385.75	477.74	143.07	335.52	51.53	ppb
Potassium	39-2	11652.73	11444.01	10994.02	11363.59	2.96	ppb
Rhodium	103-1				96		%
Rhodium	103-2				81		%
Scandium	45-1				82		%
Scandium	45-2				63		%
Selenium	77-2	-6.62	-6.62	-6.62	-6.62		ppb
Selenium	78-2	-1.06	1.88	-1.06	-0.08		ppb
Selenium	82-1	1.55	1.02	1.42	1.33	20.67	ppb
Silicon	28-1	9666.48	9428.90	9557.04	9550.80	1.25	ppb
Silver	109-1	0.10	0.08	0.07	0.08	12.53	ppb
Silver	107-1	0.09	0.08	0.07	0.08	7.04	ppb
Sodium	23-2	20725.84	20720.30	19820.24	20422.12	2.55	ppb
Strontium	86-1	412.51	413.25	414.72	413.49	0.27	ppb
Strontium	88-1	427.62	424.32	428.81	426.92	0.55	ppb
Sulfur	34-1	7244.16	6810.97	6888.92	6981.35	3.31	ppb
Terbium	159-1				110		%
Terbium	159-2				89		%
Thallium	203-1	0.07	0.06	0.08	0.07	11.03	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	4.16	ppb
Tin	118-1	4.06	3.90	3.88	3.95	2.55	ppb
Titanium	47-1	3.92	3.47	4.62	4.00	14.58	ppb
Uranium	238-1	0.88	0.86	0.84	0.86	2.66	ppb
Vanadium	51-2	1.70	1.97	1.62	1.76	10.53	ppb
Yttrium	89-1				97		%
Yttrium	89-2				71		%
Zinc	66-2	187.49	184.91	170.23	180.88	5.15	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-10	Instrumnet Name :	P8
Client Sample ID :	LF014RW041-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:39:47	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.37	0.40	0.35	0.37	6.06	ppb
Zirconium	91-1	0.39	0.36	0.47	0.40	13.97	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-11	Instrumnet Name :	P8
Client Sample ID :	LF014RW040-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:43:11	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	112.45	97.96	68.23	92.88	24.27	ppb
Antimony	121-1	1.47	1.52	1.60	1.53	4.14	ppb
Arsenic	75-2	4.29	4.73	4.68	4.57	5.23	ppb
Barium	135-1	61.11	61.02	59.46	60.53	1.53	ppb
Barium	137-1	61.24	61.53	61.15	61.31	0.33	ppb
Beryllium	9-1	0.21	0.23	0.28	0.24	14.06	ppb
Bismuth	209-1				113		%
Bismuth	209-2				90		%
Boron	10-1	155.35	157.08	159.22	157.22	1.23	ppb
Boron	11-1	146.37	152.96	157.77	152.37	3.76	ppb
Cadmium	111-1	0.22	0.21	0.19	0.21	7.35	ppb
Cadmium	106-1	-1.24	-1.04	-1.63	-1.30		ppb
Cadmium	108-1	0.39	0.67	0.20	0.42	56.10	ppb
Calcium	43-1	123607.18	123615.44	122976.61	123399.75	0.30	ppb
Calcium	44-1	124904.76	124344.92	124089.88	124446.52	0.33	ppb
Chromium	52-2	0.91	0.87	0.68	0.82	15.11	ppb
Cobalt	59-2	0.77	0.96	0.89	0.87	10.84	ppb
Copper	63-2	4.19	4.05	4.13	4.12	1.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				89		%
Indium	115-1				102		%
Indium	115-2				76		%
Iron	56-2	470.53	459.09	457.82	462.48	1.51	ppb
Iron	57-2	427.23	435.75	455.97	439.65	3.36	ppb
Krypton	83-1						cps
Lead	206-1	0.45	0.46	0.42	0.44	4.63	ppb
Lead	207-1	0.45	0.46	0.39	0.43	8.87	ppb
Lead	208-1	0.46	0.46	0.42	0.44	4.90	ppb
Lithium	6-1				110		%
Magnesium	24-2	14310.62	14013.45	13833.70	14052.59	1.71	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-11	Instrumnet Name :	P8
Client Sample ID :	LF014RW040-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:43:11	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	122.93	115.20	116.17	118.10	3.56	ppb
Molybdenum	94-1	1.81	1.86	1.81	1.83	1.72	ppb
Molybdenum	95-1	2.01	2.37	2.15	2.18	8.21	ppb
Molybdenum	96-1	2.18	2.27	2.30	2.25	2.63	ppb
Molybdenum	97-1	2.04	2.45	2.23	2.24	9.11	ppb
Molybdenum	98-1	2.19	2.29	2.29	2.25	2.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.05	3.00	3.28	3.11	4.73	ppb
Phosphorus	31-2	-33.94	-33.94	55.62	-4.08		ppb
Potassium	39-2	3877.86	3719.62	3791.44	3796.31	2.09	ppb
Rhodium	103-1				98		%
Rhodium	103-2				82		%
Scandium	45-1				82		%
Scandium	45-2				64		%
Selenium	77-2	-6.62	-6.62	-6.62	-6.62		ppb
Selenium	78-2	-1.06	-1.06	1.87	-0.08		ppb
Selenium	82-1	2.01	1.41	1.59	1.67	18.53	ppb
Silicon	28-1	8179.59	8144.79	8061.60	8128.66	0.75	ppb
Silver	109-1	0.07	0.05	0.09	0.07	24.45	ppb
Silver	107-1	0.09	0.09	0.09	0.09	1.76	ppb
Sodium	23-2	37189.97	36559.52	36982.40	36910.63	0.87	ppb
Strontium	86-1	652.87	649.32	638.52	646.90	1.16	ppb
Strontium	88-1	665.05	656.17	658.22	659.81	0.70	ppb
Sulfur	34-1	17968.64	17476.69	17488.73	17644.69	1.59	ppb
Terbium	159-1				111		%
Terbium	159-2				89		%
Thallium	203-1	0.04	0.05	0.07	0.05	25.23	ppb
Thallium	205-1	0.05	0.06	0.05	0.05	10.48	ppb
Tin	118-1	2.95	3.00	2.91	2.95	1.63	ppb
Titanium	47-1	2.46	1.88	1.95	2.10	14.91	ppb
Uranium	238-1	5.96	5.94	5.81	5.90	1.38	ppb
Vanadium	51-2	1.09	1.04	1.16	1.10	5.45	ppb
Yttrium	89-1				96		%
Yttrium	89-2				73		%
Zinc	66-2	232.33	230.61	228.68	230.54	0.79	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-11	Instrumnet Name :	P8
Client Sample ID :	LF014RW040-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:43:11	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.19	0.17	0.19	0.18	5.13	ppb
Zirconium	91-1	0.15	0.16	0.17	0.16	6.80	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-12	Instrumnet Name :	P8
Client Sample ID :	LF014MW026-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:46:34	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.19	20.23	25.10	23.51	12.09	ppb
Antimony	121-1	1.38	1.54	1.53	1.48	5.99	ppb
Arsenic	75-2	1.22	1.66	1.17	1.35	19.91	ppb
Barium	135-1	74.66	73.35	74.20	74.07	0.89	ppb
Barium	137-1	74.45	73.38	73.75	73.86	0.73	ppb
Beryllium	9-1	0.15	0.20	0.09	0.15	35.45	ppb
Bismuth	209-1				115		%
Bismuth	209-2				89		%
Boron	10-1	117.72	115.60	129.77	121.03	6.32	ppb
Boron	11-1	117.31	122.58	126.95	122.28	3.95	ppb
Cadmium	111-1	-0.08	-0.07	-0.09	-0.08		ppb
Cadmium	106-1	-1.66	-1.19	-1.73	-1.53		ppb
Cadmium	108-1	0.02	0.11	-0.07	0.02	464.96	ppb
Calcium	43-1	110602.87	110672.89	110813.60	110696.46	0.10	ppb
Calcium	44-1	112273.75	111858.41	111397.09	111843.09	0.39	ppb
Chromium	52-2	0.77	0.74	0.71	0.74	3.59	ppb
Cobalt	59-2	0.03	0.04	0.07	0.05	52.53	ppb
Copper	63-2	0.72	0.77	0.70	0.73	5.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				88		%
Indium	115-1				102		%
Indium	115-2				75		%
Iron	56-2	24.91	25.68	27.05	25.88	4.17	ppb
Iron	57-2	26.05	25.22	27.95	26.41	5.30	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.08	0.09	0.09	10.76	ppb
Lead	207-1	0.07	0.08	0.06	0.07	11.35	ppb
Lead	208-1	0.09	0.08	0.08	0.08	6.65	ppb
Lithium	6-1				109		%
Magnesium	24-2	9484.77	9908.81	10439.12	9944.23	4.81	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-12	Instrumnet Name :	P8
Client Sample ID :	LF014MW026-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:46:34	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.86	0.99	1.43	1.09	27.76	ppb
Molybdenum	94-1	0.50	0.62	0.55	0.56	10.97	ppb
Molybdenum	95-1	0.63	0.72	0.73	0.69	7.80	ppb
Molybdenum	96-1	0.65	0.78	0.74	0.72	9.08	ppb
Molybdenum	97-1	0.80	0.79	0.80	0.80	0.66	ppb
Molybdenum	98-1	0.76	0.72	0.73	0.74	2.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.35	0.41	0.51	0.42	19.29	ppb
Phosphorus	31-2	-33.94	-33.94	-33.94	-33.94		ppb
Potassium	39-2	1866.07	1927.61	2127.72	1973.80	6.93	ppb
Rhodium	103-1				97		%
Rhodium	103-2				81		%
Scandium	45-1				83		%
Scandium	45-2				62		%
Selenium	77-2	-6.62	30.04	-6.62	5.60	377.89	ppb
Selenium	78-2	-1.06	-1.06	2.09	-0.01		ppb
Selenium	82-1	2.19	2.38	2.21	2.26	4.65	ppb
Silicon	28-1	9807.57	9772.41	9718.13	9766.04	0.46	ppb
Silver	109-1	0.07	0.06	0.07	0.07	8.57	ppb
Silver	107-1	0.07	0.08	0.07	0.07	8.21	ppb
Sodium	23-2	21366.57	22787.31	24067.48	22740.45	5.94	ppb
Strontium	86-1	565.09	575.21	572.67	570.99	0.92	ppb
Strontium	88-1	576.48	587.69	587.55	583.91	1.10	ppb
Sulfur	34-1	4073.24	3583.44	3514.90	3723.86	8.18	ppb
Terbium	159-1				111		%
Terbium	159-2				87		%
Thallium	203-1	0.04	0.02	0.01	0.02	61.67	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	119.95	ppb
Tin	118-1	2.13	2.32	2.28	2.24	4.43	ppb
Titanium	47-1	1.24	1.26	0.89	1.13	18.23	ppb
Uranium	238-1	1.37	1.32	1.38	1.35	2.29	ppb
Vanadium	51-2	2.23	2.09	2.17	2.16	3.24	ppb
Yttrium	89-1				97		%
Yttrium	89-2				71		%
Zinc	66-2	7.33	9.95	9.17	8.82	15.23	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-12	Instrumnet Name :	P8
Client Sample ID :	LF014MW026-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:46:34	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.08	0.04	0.05	38.86	ppb
Zirconium	91-1	0.15	0.07	0.09	0.10	39.80	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-14	Instrumnet Name :	P8
Client Sample ID :	LF014RW132-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:49:57	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.55	35.47	23.29	26.10	31.88	ppb
Antimony	121-1	1.31	1.34	1.33	1.33	0.96	ppb
Arsenic	75-2	35.49	34.76	35.74	35.33	1.44	ppb
Barium	135-1	330.12	326.91	331.79	329.61	0.75	ppb
Barium	137-1	328.90	332.81	332.04	331.25	0.62	ppb
Beryllium	9-1	0.12	0.05	0.14	0.10	42.37	ppb
Bismuth	209-1				114		%
Bismuth	209-2				89		%
Boron	10-1	258.72	254.88	257.62	257.08	0.77	ppb
Boron	11-1	250.61	253.50	256.32	253.48	1.13	ppb
Cadmium	111-1	-0.06	-0.09	-0.10	-0.09		ppb
Cadmium	106-1	-1.27	-1.71	-1.79	-1.59		ppb
Cadmium	108-1	-0.12	0.16	0.06	0.03	408.70	ppb
Calcium	43-1	169570.94	170759.23	170726.73	170352.30	0.40	ppb
Calcium	44-1	166596.92	168807.86	168434.14	167946.31	0.70	ppb
Chromium	52-2	0.97	1.04	0.98	1.00	3.66	ppb
Cobalt	59-2	0.53	0.51	0.52	0.52	2.10	ppb
Copper	63-2	1.14	1.34	1.30	1.26	8.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				89		%
Indium	115-1				102		%
Indium	115-2				74		%
Iron	56-2	17430.38	18584.93	17626.54	17880.62	3.46	ppb
Iron	57-2	16556.24	18021.08	17007.70	17195.01	4.36	ppb
Krypton	83-1						cps
Lead	206-1	0.34	0.33	0.39	0.36	8.98	ppb
Lead	207-1	0.32	0.28	0.28	0.30	7.66	ppb
Lead	208-1	0.34	0.34	0.34	0.34	1.38	ppb
Lithium	6-1				109		%
Magnesium	24-2	21639.61	23119.41	22140.97	22299.99	3.37	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-14	Instrumnet Name :	P8
Client Sample ID :	LF014RW132-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:49:57	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	642.25	697.09	668.48	669.27	4.10	ppb
Molybdenum	94-1	1.64	1.51	1.50	1.55	4.91	ppb
Molybdenum	95-1	1.47	1.70	1.75	1.64	9.10	ppb
Molybdenum	96-1	1.57	1.61	1.72	1.63	4.75	ppb
Molybdenum	97-1	1.77	1.83	1.53	1.71	9.26	ppb
Molybdenum	98-1	1.67	1.68	1.78	1.71	3.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.70	1.51	1.26	1.15	36.13	ppb
Phosphorus	31-2	101.64	63.34	149.95	104.98	41.34	ppb
Potassium	39-2	4082.05	4236.39	3990.00	4102.81	3.03	ppb
Rhodium	103-1				97		%
Rhodium	103-2				80		%
Scandium	45-1				83		%
Scandium	45-2				62		%
Selenium	77-2	12.04	2.79	-6.62	2.74	340.96	ppb
Selenium	78-2	0.44	-1.06	0.45	-0.05		ppb
Selenium	82-1	1.57	2.63	1.40	1.87	35.53	ppb
Silicon	28-1	9798.87	9931.00	9844.57	9858.14	0.68	ppb
Silver	109-1	0.05	0.05	0.06	0.05	5.14	ppb
Silver	107-1	0.07	0.05	0.06	0.06	15.51	ppb
Sodium	23-2	87400.22	94893.03	88450.21	90247.82	4.50	ppb
Strontium	86-1	794.19	782.03	785.01	787.08	0.81	ppb
Strontium	88-1	802.38	791.20	804.01	799.20	0.87	ppb
Sulfur	34-1	619.04	450.86	316.65	462.19	32.78	ppb
Terbium	159-1				111		%
Terbium	159-2				88		%
Thallium	203-1	0.02	0.03	0.00	0.02	78.34	ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	2.07	2.23	2.07	2.12	4.31	ppb
Titanium	47-1	2.10	2.17	1.94	2.07	5.66	ppb
Uranium	238-1	0.17	0.16	0.16	0.16	1.18	ppb
Vanadium	51-2	0.72	0.63	0.90	0.75	18.12	ppb
Yttrium	89-1				97		%
Yttrium	89-2				71		%
Zinc	66-2	11.80	14.16	12.92	12.96	9.13	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-14	Instrumnet Name :	P8
Client Sample ID :	LF014RW132-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:49:57	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.18	0.16	0.16	0.16	6.61	ppb
Zirconium	91-1	0.18	0.17	0.20	0.19	9.08	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-15	Instrumnet Name :	P8
Client Sample ID :	LF014MW015-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:53:20	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.80	21.24	10.16	16.40	34.56	ppb
Antimony	121-1	1.29	1.43	1.41	1.38	5.59	ppb
Arsenic	75-2	45.04	43.74	46.26	45.01	2.80	ppb
Barium	135-1	873.04	893.94	870.09	879.03	1.48	ppb
Barium	137-1	891.87	914.76	907.96	904.86	1.30	ppb
Beryllium	9-1	0.18	0.09	0.09	0.12	43.60	ppb
Bismuth	209-1				116		%
Bismuth	209-2				90		%
Boron	10-1	174.48	181.44	186.43	180.78	3.32	ppb
Boron	11-1	176.60	186.95	184.78	182.78	2.99	ppb
Cadmium	111-1	-0.09	-0.11	-0.09	-0.10		ppb
Cadmium	106-1	-1.56	-1.98	-1.52	-1.69		ppb
Cadmium	108-1	-0.07	-0.07	-0.03	-0.06		ppb
Calcium	43-1	105185.32	106315.17	103681.13	105060.54	1.26	ppb
Calcium	44-1	106648.68	106792.62	105077.49	106172.93	0.90	ppb
Chromium	52-2	0.81	0.47	0.40	0.56	39.11	ppb
Cobalt	59-2	2.30	2.33	2.41	2.35	2.54	ppb
Copper	63-2	0.77	0.72	0.81	0.77	5.71	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				114		%
Holmium	165-2				88		%
Indium	115-1				101		%
Indium	115-2				73		%
Iron	56-2	14291.54	14576.42	13945.22	14271.06	2.21	ppb
Iron	57-2	13732.57	13678.50	13406.86	13605.98	1.28	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.21	0.20	0.20	7.70	ppb
Lead	207-1	0.18	0.17	0.17	0.18	4.60	ppb
Lead	208-1	0.18	0.19	0.20	0.19	3.10	ppb
Lithium	6-1				110		%
Magnesium	24-2	14598.74	14512.38	14130.87	14414.00	1.73	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-15	Instrumnet Name :	P8
Client Sample ID :	LF014MW015-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:53:20	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1428.32	1435.58	1392.01	1418.64	1.65	ppb
Molybdenum	94-1	2.41	2.74	2.71	2.62	7.02	ppb
Molybdenum	95-1	3.54	3.64	3.58	3.59	1.41	ppb
Molybdenum	96-1	3.40	3.44	3.40	3.42	0.76	ppb
Molybdenum	97-1	3.36	3.80	3.84	3.67	7.32	ppb
Molybdenum	98-1	3.32	3.73	3.60	3.55	5.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.50	4.64	4.05	4.40	7.06	ppb
Phosphorus	31-2	14.76	-33.94	-33.94	-17.70		ppb
Potassium	39-2	3531.26	3528.91	3271.67	3443.95	4.33	ppb
Rhodium	103-1				97		%
Rhodium	103-2				80		%
Scandium	45-1				80		%
Scandium	45-2				60		%
Selenium	77-2	-6.62	-6.62	-6.62	-6.62		ppb
Selenium	78-2	-1.06	-1.06	-1.06	-1.06		ppb
Selenium	82-1	0.95	0.83	0.43	0.74	37.02	ppb
Silicon	28-1	11561.60	11480.65	11368.69	11470.31	0.84	ppb
Silver	109-1	0.06	0.06	0.05	0.06	9.96	ppb
Silver	107-1	0.07	0.06	0.06	0.07	9.98	ppb
Sodium	23-2	39170.99	39560.10	38517.89	39083.00	1.35	ppb
Strontium	86-1	660.34	679.11	663.88	667.78	1.49	ppb
Strontium	88-1	675.76	690.07	679.61	681.81	1.09	ppb
Sulfur	34-1	830.12	1145.52	1097.69	1024.44	16.59	ppb
Terbium	159-1				111		%
Terbium	159-2				88		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	0.01	0.00	4102.08	ppb
Tin	118-1	1.88	1.85	1.95	1.89	2.88	ppb
Titanium	47-1	1.87	1.69	1.36	1.64	15.85	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	12.99	ppb
Vanadium	51-2	0.43	0.26	0.31	0.33	26.94	ppb
Yttrium	89-1				95		%
Yttrium	89-2				70		%
Zinc	66-2	11.42	11.59	11.17	11.39	1.83	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-15	Instrumnet Name :	P8
Client Sample ID :	LF014MW015-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:53:20	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.10	0.11	0.11	0.11	7.43	ppb
Zirconium	91-1	0.09	0.12	0.11	0.11	11.22	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-16	Instrumnet Name :	P8
Client Sample ID :	LF014MW009-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:56:42	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90.28	97.43	89.35	92.35	4.79	ppb
Antimony	121-1	1.43	1.39	1.46	1.43	2.41	ppb
Arsenic	75-2	1.40	1.98	1.68	1.69	17.30	ppb
Barium	135-1	80.01	78.14	78.61	78.92	1.23	ppb
Barium	137-1	80.04	78.77	79.43	79.42	0.80	ppb
Beryllium	9-1	0.09	0.06	0.15	0.10	44.10	ppb
Bismuth	209-1				112		%
Bismuth	209-2				86		%
Boron	10-1	1043.66	1079.27	1095.59	1072.84	2.48	ppb
Boron	11-1	1053.16	1092.07	1110.57	1085.27	2.70	ppb
Cadmium	111-1	-0.06	-0.11	-0.06	-0.08		ppb
Cadmium	106-1	-0.89	-1.93	-1.02	-1.28		ppb
Cadmium	108-1	0.07	-0.03	-0.03	0.01	1110.88	ppb
Calcium	43-1	204936.24	202651.60	203224.44	203604.09	0.58	ppb
Calcium	44-1	203078.27	199060.45	201473.22	201203.98	1.01	ppb
Chromium	52-2	0.65	0.55	0.68	0.63	10.70	ppb
Cobalt	59-2	1.61	1.86	1.72	1.73	7.10	ppb
Copper	63-2	0.83	0.95	0.84	0.87	7.13	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				114		%
Holmium	165-2				88		%
Indium	115-1				101		%
Indium	115-2				73		%
Iron	56-2	329.64	355.73	332.40	339.26	4.23	ppb
Iron	57-2	313.63	378.97	369.14	353.92	9.95	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.21	0.21	0.21	1.17	ppb
Lead	207-1	0.18	0.16	0.21	0.18	13.52	ppb
Lead	208-1	0.21	0.20	0.21	0.20	2.91	ppb
Lithium	6-1				105		%
Magnesium	24-2	42861.59	45896.73	43942.77	44233.70	3.48	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-16 Instrumnet Name : P8
 Client Sample ID : LF014MW009-180412 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 18:56:42 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	585.19	618.31	592.99	598.83	2.89	ppb
Molybdenum	94-1	1.94	1.86	1.83	1.88	2.89	ppb
Molybdenum	95-1	0.41	0.53	0.56	0.50	16.12	ppb
Molybdenum	96-1	0.65	0.71	0.68	0.68	4.21	ppb
Molybdenum	97-1	0.46	0.50	0.55	0.50	8.93	ppb
Molybdenum	98-1	0.46	0.54	0.54	0.51	8.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.33	2.69	2.83	2.62	9.89	ppb
Phosphorus	31-2	54.89	109.44	102.67	89.00	33.41	ppb
Potassium	39-2	3815.74	4414.29	4146.15	4125.39	7.27	ppb
Rhodium	103-1				95		%
Rhodium	103-2				78		%
Scandium	45-1				82		%
Scandium	45-2				63		%
Selenium	77-2	-6.62	3.49	2.50	-0.21		ppb
Selenium	78-2	-1.06	-1.06	-1.06	-1.06		ppb
Selenium	82-1	1.24	1.87	2.46	1.86	33.00	ppb
Silicon	28-1	7302.83	7193.26	7178.53	7224.87	0.94	ppb
Silver	109-1	0.04	0.03	0.06	0.04	33.52	ppb
Silver	107-1	0.05	0.06	0.07	0.06	15.00	ppb
Sodium	23-2	309458.63	332103.36	318804.41	320122.14	3.55	ppb
Strontium	86-1	1105.19	1097.80	1070.64	1091.21	1.67	ppb
Strontium	88-1	1113.82	1102.27	1098.45	1104.85	0.72	ppb
Sulfur	34-1	115205.66	113046.11	111056.98	113102.92	1.83	ppb
Terbium	159-1				111		%
Terbium	159-2				87		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.02	-0.01	0.01	0.01	195.25	ppb
Tin	118-1	1.82	1.82	1.87	1.84	1.47	ppb
Titanium	47-1	2.85	2.99	4.89	3.58	31.82	ppb
Uranium	238-1	1.67	1.60	1.71	1.66	3.48	ppb
Vanadium	51-2	0.99	1.20	0.84	1.01	17.83	ppb
Yttrium	89-1				97		%
Yttrium	89-2				70		%
Zinc	66-2	3.58	4.02	3.00	3.53	14.44	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-16	Instrumnet Name :	P8
Client Sample ID :	LF014MW009-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:56:42	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.02	0.97	1.02	1.01	2.83	ppb
Zirconium	91-1	1.06	0.88	0.91	0.95	10.04	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 19:11:25	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53404.73	52183.70	52815.66	52801.36	1.16	ppb
Antimony	121-1	500.95	500.54	490.55	497.35	1.18	ppb
Arsenic	75-2	505.17	500.00	502.79	502.65	0.51	ppb
Barium	135-1	2543.21	2558.59	2545.60	2549.13	0.32	ppb
Barium	137-1	2504.17	2532.22	2513.25	2516.54	0.57	ppb
Beryllium	9-1	510.99	512.35	514.36	512.57	0.33	ppb
Bismuth	209-1				110		%
Bismuth	209-2				94		%
Boron	10-1	511.67	536.60	529.90	526.06	2.45	ppb
Boron	11-1	508.92	527.06	538.72	524.90	2.86	ppb
Cadmium	111-1	480.66	481.31	476.99	479.65	0.49	ppb
Cadmium	106-1	481.72	480.56	466.87	476.38	1.73	ppb
Cadmium	108-1	489.02	483.64	490.57	487.74	0.75	ppb
Calcium	43-1	247007.35	239657.87	247408.27	244691.16	1.78	ppb
Calcium	44-1	243062.54	236072.86	244413.70	241183.03	1.86	ppb
Chromium	52-2	520.29	520.28	531.89	524.16	1.28	ppb
Cobalt	59-2	506.76	505.34	511.77	507.96	0.67	ppb
Copper	63-2	991.66	981.39	998.58	990.54	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				113		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				88		%
Iron	56-2	129810.09	129458.78	131638.03	130302.30	0.90	ppb
Iron	57-2	126114.13	125463.22	128053.34	126543.57	1.06	ppb
Krypton	83-1						cps
Lead	206-1	512.33	515.73	513.92	514.00	0.33	ppb
Lead	207-1	514.23	524.12	520.57	519.64	0.96	ppb
Lead	208-1	511.79	520.18	517.03	516.33	0.82	ppb
Lithium	6-1				94		%
Magnesium	24-2	254703.62	250362.49	257731.51	254265.87	1.46	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 19:11:25	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1005.98	1005.11	1017.90	1009.66	0.71	ppb
Molybdenum	94-1	2559.49	2563.75	2578.01	2567.08	0.38	ppb
Molybdenum	95-1	2524.40	2550.87	2539.88	2538.39	0.52	ppb
Molybdenum	96-1	2533.96	2558.84	2562.29	2551.70	0.61	ppb
Molybdenum	97-1	2530.54	2579.89	2582.01	2564.14	1.14	ppb
Molybdenum	98-1	2523.63	2537.48	2554.52	2538.54	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.28	510.06	520.73	511.36	1.72	ppb
Phosphorus	31-2	9528.28	9491.27	8902.17	9307.24	3.77	ppb
Potassium	39-2	122700.30	122755.50	125210.13	123555.31	1.16	ppb
Rhodium	103-1				99		%
Rhodium	103-2				89		%
Scandium	45-1				98		%
Scandium	45-2				86		%
Selenium	77-2	574.85	531.28	513.87	540.00	5.82	ppb
Selenium	78-2	511.46	471.29	494.65	492.47	4.10	ppb
Selenium	82-1	486.79	492.60	495.16	491.52	0.87	ppb
Silicon	28-1	473.05	462.70	480.92	472.22	1.94	ppb
Silver	109-1	492.80	485.31	491.40	489.84	0.81	ppb
Silver	107-1	490.44	486.50	488.84	488.59	0.40	ppb
Sodium	23-2	249191.81	246752.80	251736.84	249227.15	1.00	ppb
Strontium	86-1	502.66	503.98	509.72	505.45	0.74	ppb
Strontium	88-1	518.68	516.04	520.58	518.43	0.44	ppb
Sulfur	34-1	8330.64	7433.59	8481.88	8082.03	7.01	ppb
Terbium	159-1				111		%
Terbium	159-2				98		%
Thallium	203-1	514.50	520.45	513.20	516.05	0.75	ppb
Thallium	205-1	509.80	515.73	514.71	513.42	0.62	ppb
Tin	118-1	503.72	503.87	500.06	502.55	0.43	ppb
Titanium	47-1	2543.23	2487.62	2566.20	2532.35	1.60	ppb
Uranium	238-1	525.58	537.27	530.30	531.05	1.11	ppb
Vanadium	51-2	510.06	509.61	518.36	512.68	0.96	ppb
Yttrium	89-1				103		%
Yttrium	89-2				89		%
Zinc	66-2	1000.07	985.23	1010.56	998.62	1.27	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 19:11:25	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	506.36	508.59	512.65	509.20	0.63	ppb
Zirconium	91-1	493.90	488.63	496.66	493.06	0.83	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : CCB33 Instrumnet Name : P8
 Client Sample ID : CCB33 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 19:15:33 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.48	1.65	-3.48	-1.77		ppb
Antimony	121-1	0.91	1.08	1.14	1.04	11.06	ppb
Arsenic	75-2	0.17	0.14	0.16	0.16	9.19	ppb
Barium	135-1	-0.01	0.01	0.00	0.00	4363.82	ppb
Barium	137-1	-0.01	0.01	0.00	0.00		ppb
Beryllium	9-1	0.38	0.26	0.24	0.29	25.15	ppb
Bismuth	209-1				114		%
Bismuth	209-2				100		%
Boron	10-1	19.44	19.57	19.23	19.42	0.89	ppb
Boron	11-1	20.17	18.90	19.60	19.56	3.24	ppb
Cadmium	111-1	0.02	-0.09	-0.07	-0.05		ppb
Cadmium	106-1	-0.80	-1.72	-1.31	-1.28		ppb
Cadmium	108-1	0.02	0.16	-0.02	0.05	187.19	ppb
Calcium	43-1	-25.52	-26.56	-26.96	-26.35		ppb
Calcium	44-1	11.13	11.79	12.67	11.86	6.52	ppb
Chromium	52-2	0.03	-0.12	-0.15	-0.08		ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.07	0.03	-0.02	0.03	157.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				91		%
Iron	56-2	6.09	5.08	4.42	5.20	16.18	ppb
Iron	57-2	-0.28	-1.05	-0.23	-0.52		ppb
Krypton	83-1						cps
Lead	206-1	-0.03	-0.01	-0.02	-0.02		ppb
Lead	207-1	-0.03	-0.01	-0.02	-0.02		ppb
Lead	208-1	-0.03	0.00	-0.01	-0.01		ppb
Lithium	6-1				100		%
Magnesium	24-2	-35.12	-29.99	-28.73	-31.28		ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : CCB33 Instrumnet Name : P8
 Client Sample ID : CCB33 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 19:15:33 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.08	0.03	0.05	55.46	ppb
Molybdenum	94-1	0.70	0.95	1.07	0.90	20.92	ppb
Molybdenum	95-1	0.97	1.27	1.39	1.21	18.11	ppb
Molybdenum	96-1	0.93	1.09	1.29	1.10	16.05	ppb
Molybdenum	97-1	1.01	1.15	1.23	1.13	9.66	ppb
Molybdenum	98-1	0.86	1.16	1.39	1.14	23.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.48	-0.57	-0.13	-0.39		ppb
Phosphorus	31-2	-33.94	-33.94	-33.94	-33.94		ppb
Potassium	39-2	-25.90	-14.50	-6.45	-15.61		ppb
Rhodium	103-1				103		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				81		%
Selenium	77-2	-6.62	-6.62	-6.62	-6.62		ppb
Selenium	78-2	0.15	1.38	1.34	0.96	72.65	ppb
Selenium	82-1	1.62	1.12	1.22	1.32	20.10	ppb
Silicon	28-1	-38.34	-33.82	-27.72	-33.30		ppb
Silver	109-1	0.03	0.03	0.02	0.03	10.60	ppb
Silver	107-1	0.04	0.05	0.03	0.04	17.05	ppb
Sodium	23-2	63.72	61.07	62.20	62.33	2.14	ppb
Strontium	86-1	-0.03	-0.01	0.05	0.00	2330.10	ppb
Strontium	88-1	-0.01	-0.01	-0.02	-0.01		ppb
Sulfur	34-1	-1859.38	-1471.91	-791.23	-1374.17		ppb
Terbium	159-1				109		%
Terbium	159-2				98		%
Thallium	203-1	0.07	0.06	0.07	0.07	8.73	ppb
Thallium	205-1	0.06	0.06	0.07	0.06	12.78	ppb
Tin	118-1	0.23	0.20	0.32	0.25	24.53	ppb
Titanium	47-1	0.43	0.12	0.15	0.23	71.58	ppb
Uranium	238-1	-0.01	0.00	-0.01	-0.01		ppb
Vanadium	51-2	0.03	0.00	-0.02	0.00	1364.60	ppb
Yttrium	89-1				100		%
Yttrium	89-2				88		%
Zinc	66-2	-0.17	-0.05	-0.29	-0.17		ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 19:15:33	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.10	0.10	0.10	0.10	1.77	ppb
Zirconium	91-1	0.04	0.06	0.11	0.07	54.90	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-17	Instrumnet Name :	P8
Client Sample ID :	LF014MW130-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 19:18:57	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.53	-0.07	-0.13	1.11	188.28	ppb
Antimony	121-1	2.34	2.65	2.89	2.63	10.41	ppb
Arsenic	75-2	1.11	0.97	1.38	1.15	17.95	ppb
Barium	135-1	67.39	68.54	68.59	68.17	0.99	ppb
Barium	137-1	68.14	67.94	68.84	68.31	0.69	ppb
Beryllium	9-1	0.15	0.08	0.08	0.10	38.41	ppb
Bismuth	209-1				119		%
Bismuth	209-2				91		%
Boron	10-1	110.09	111.04	113.13	111.42	1.39	ppb
Boron	11-1	108.48	108.67	110.13	109.09	0.82	ppb
Cadmium	111-1	-0.04	-0.02	0.00	-0.02		ppb
Cadmium	106-1	-1.44	-1.66	-0.80	-1.30		ppb
Cadmium	108-1	0.20	0.16	-0.03	0.11	109.27	ppb
Calcium	43-1	106147.86	107462.22	107382.03	106997.37	0.69	ppb
Calcium	44-1	108506.25	108189.81	108851.53	108515.87	0.30	ppb
Chromium	52-2	0.65	0.64	0.71	0.67	6.19	ppb
Cobalt	59-2	-0.01	0.05	0.04	0.03	115.37	ppb
Copper	63-2	0.80	0.82	0.73	0.78	6.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				88		%
Indium	115-1				103		%
Indium	115-2				74		%
Iron	56-2	10.01	10.27	9.44	9.91	4.29	ppb
Iron	57-2	13.56	6.36	8.98	9.64	37.84	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.05	0.04	0.06	47.95	ppb
Lead	207-1	0.11	0.07	0.05	0.08	41.25	ppb
Lead	208-1	0.10	0.07	0.05	0.07	29.56	ppb
Lithium	6-1				123		%
Magnesium	24-2	9409.38	9220.55	8793.43	9141.12	3.45	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-17	Instrumnet Name :	P8
Client Sample ID :	LF014MW130-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 19:18:57	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.54	0.46	0.48	0.50	8.85	ppb
Molybdenum	94-1	1.44	1.61	1.65	1.57	7.34	ppb
Molybdenum	95-1	1.04	1.23	1.35	1.21	13.02	ppb
Molybdenum	96-1	1.01	1.26	1.47	1.25	18.27	ppb
Molybdenum	97-1	1.14	1.28	1.48	1.30	12.84	ppb
Molybdenum	98-1	1.00	1.10	1.41	1.17	18.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	-0.02	0.15	0.12	103.93	ppb
Phosphorus	31-2	-33.94	-33.94	-33.94	-33.94		ppb
Potassium	39-2	1903.52	1808.50	1809.30	1840.44	2.97	ppb
Rhodium	103-1				97		%
Rhodium	103-2				80		%
Scandium	45-1				81		%
Scandium	45-2				61		%
Selenium	77-2	-6.62	-6.62	-6.62	-6.62		ppb
Selenium	78-2	2.11	0.43	0.43	0.99	97.40	ppb
Selenium	82-1	2.28	2.09	1.57	1.98	18.35	ppb
Silicon	28-1	9460.16	9395.39	9457.99	9437.85	0.39	ppb
Silver	109-1	0.20	0.13	0.15	0.16	24.31	ppb
Silver	107-1	0.21	0.19	0.16	0.19	15.09	ppb
Sodium	23-2	21940.00	21029.65	20733.51	21234.39	2.96	ppb
Strontium	86-1	543.53	548.98	546.36	546.29	0.50	ppb
Strontium	88-1	549.63	560.08	554.29	554.67	0.94	ppb
Sulfur	34-1	4072.90	4076.30	3815.69	3988.29	3.75	ppb
Terbium	159-1				111		%
Terbium	159-2				87		%
Thallium	203-1	0.20	0.13	0.11	0.15	30.81	ppb
Thallium	205-1	0.18	0.12	0.11	0.14	26.71	ppb
Tin	118-1	1.85	1.85	1.83	1.85	0.67	ppb
Titanium	47-1	0.62	1.12	0.69	0.81	33.67	ppb
Uranium	238-1	1.27	1.30	1.33	1.30	2.22	ppb
Vanadium	51-2	2.43	2.46	2.66	2.52	4.95	ppb
Yttrium	89-1				96		%
Yttrium	89-2				70		%
Zinc	66-2	2.15	1.97	1.49	1.87	18.09	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-17	Instrumnet Name :	P8
Client Sample ID :	LF014MW130-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 19:18:57	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.59	0.50	0.49	0.52	10.54	ppb
Zirconium	91-1	0.51	0.53	0.45	0.50	8.27	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-18	Instrumnet Name :	P8
Client Sample ID :	DUP-0443-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 19:22:20	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.82	13.46	6.50	13.26	50.27	ppb
Antimony	121-1	1.41	1.65	1.69	1.58	9.37	ppb
Arsenic	75-2	1.37	1.69	1.36	1.47	12.80	ppb
Barium	135-1	67.00	67.59	66.61	67.07	0.74	ppb
Barium	137-1	66.16	66.91	65.53	66.20	1.04	ppb
Beryllium	9-1	0.11	0.10	0.12	0.11	8.80	ppb
Bismuth	209-1				116		%
Bismuth	209-2				91		%
Boron	10-1	109.83	107.64	119.78	112.42	5.76	ppb
Boron	11-1	106.86	114.48	111.42	110.92	3.46	ppb
Cadmium	111-1	-0.11	-0.11	-0.16	-0.13		ppb
Cadmium	106-1	-1.90	-1.52	-2.25	-1.89		ppb
Cadmium	108-1	-0.12	-0.03	-0.03	-0.06		ppb
Calcium	43-1	104879.26	101753.69	104182.66	103605.21	1.58	ppb
Calcium	44-1	106258.05	103205.49	104957.68	104807.07	1.46	ppb
Chromium	52-2	0.89	0.77	0.71	0.79	11.71	ppb
Cobalt	59-2	0.04	0.03	0.07	0.05	48.08	ppb
Copper	63-2	0.58	0.63	0.61	0.61	4.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				90		%
Indium	115-1				103		%
Indium	115-2				75		%
Iron	56-2	7.25	6.94	7.07	7.09	2.18	ppb
Iron	57-2	-0.49	1.51	9.76	3.60	151.08	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.10	0.09	0.10	4.62	ppb
Lead	207-1	0.06	0.08	0.07	0.07	20.33	ppb
Lead	208-1	0.08	0.07	0.08	0.08	4.35	ppb
Lithium	6-1				115		%
Magnesium	24-2	8597.09	8786.07	8692.92	8692.03	1.09	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-18	Instrumnet Name :	P8
Client Sample ID :	DUP-0443-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 19:22:20	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.00	0.89	0.74	0.87	15.04	ppb
Molybdenum	94-1	0.84	0.86	0.99	0.90	9.05	ppb
Molybdenum	95-1	0.74	0.68	0.86	0.76	12.34	ppb
Molybdenum	96-1	0.85	0.85	0.93	0.88	5.29	ppb
Molybdenum	97-1	0.83	0.88	0.94	0.88	6.25	ppb
Molybdenum	98-1	0.76	0.88	0.94	0.86	10.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.35	0.34	0.32	11.96	ppb
Phosphorus	31-2	-33.94	-33.94	11.74	-18.71		ppb
Potassium	39-2	1594.66	1748.48	1665.02	1669.39	4.61	ppb
Rhodium	103-1				97		%
Rhodium	103-2				81		%
Scandium	45-1				82		%
Scandium	45-2				63		%
Selenium	77-2	-6.62	2.72	-6.62	-3.50		ppb
Selenium	78-2	0.43	3.44	1.88	1.92	78.54	ppb
Selenium	82-1	1.30	2.24	1.21	1.58	35.95	ppb
Silicon	28-1	9170.29	8911.47	9062.11	9047.96	1.44	ppb
Silver	109-1	0.09	0.08	0.09	0.09	9.42	ppb
Silver	107-1	0.09	0.07	0.08	0.08	14.48	ppb
Sodium	23-2	20222.32	20737.98	20292.48	20417.59	1.37	ppb
Strontium	86-1	528.15	534.40	532.17	531.58	0.60	ppb
Strontium	88-1	542.48	547.44	550.28	546.73	0.72	ppb
Sulfur	34-1	3633.45	2952.73	2989.95	3192.04	11.99	ppb
Terbium	159-1				111		%
Terbium	159-2				89		%
Thallium	203-1	0.01	0.00	0.01	0.01	98.21	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	67.26	ppb
Tin	118-1	1.63	1.59	1.48	1.57	5.05	ppb
Titanium	47-1	0.88	0.57	0.97	0.81	25.70	ppb
Uranium	238-1	1.29	1.31	1.32	1.30	1.19	ppb
Vanadium	51-2	2.60	2.42	2.42	2.48	4.07	ppb
Yttrium	89-1				96		%
Yttrium	89-2				71		%
Zinc	66-2	3.97	3.84	4.08	3.96	2.97	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-18	Instrumnet Name :	P8
Client Sample ID :	DUP-0443-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 19:22:20	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.24	0.19	0.23	0.22	12.33	ppb
Zirconium	91-1	0.19	0.25	0.23	0.22	13.44	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-01DLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW028-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 19:28:49 DataFile Name : 044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.86	10.98	2.27	9.04	66.74	ppb
Antimony	121-1	0.32	0.31	0.28	0.31	6.37	ppb
Arsenic	75-2	0.89	0.78	0.97	0.88	11.06	ppb
Barium	135-1	27.15	26.24	27.97	27.12	3.20	ppb
Barium	137-1	26.12	26.82	26.97	26.64	1.71	ppb
Beryllium	9-1	0.03	0.11	-0.01	0.04	145.61	ppb
Bismuth	209-1				122		%
Bismuth	209-2				100		%
Boron	10-1	66.66	69.56	71.19	69.14	3.32	ppb
Boron	11-1	68.80	70.11	69.56	69.49	0.95	ppb
Cadmium	111-1	-0.05	-0.04	-0.08	-0.06		ppb
Cadmium	106-1	-0.42	-0.59	-0.87	-0.63		ppb
Cadmium	108-1	-0.03	-0.03	0.01	-0.02		ppb
Calcium	43-1	23841.84	24168.88	23942.27	23984.33	0.70	ppb
Calcium	44-1	24351.65	24696.65	24524.39	24524.23	0.70	ppb
Chromium	52-2	0.30	0.12	0.30	0.24	43.47	ppb
Cobalt	59-2	0.36	0.37	0.35	0.36	4.04	ppb
Copper	63-2	0.21	0.25	0.22	0.23	8.56	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				119		%
Holmium	165-2				98		%
Indium	115-1				109		%
Indium	115-2				86		%
Iron	56-2	2699.62	2676.87	2676.86	2684.45	0.49	ppb
Iron	57-2	2580.51	2678.73	2553.95	2604.40	2.52	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.03	0.03	24.99	ppb
Lead	207-1	0.00	0.00	0.00	0.00	73.42	ppb
Lead	208-1	0.03	0.02	0.03	0.02	14.59	ppb
Lithium	6-1				104		%
Magnesium	24-2	4682.65	4557.59	4704.13	4648.12	1.70	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-01DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW028-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 19:28:49	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	149.75	145.56	144.88	146.73	1.80	ppb
Molybdenum	94-1	0.64	0.67	0.62	0.64	4.53	ppb
Molybdenum	95-1	0.74	0.74	0.73	0.73	0.76	ppb
Molybdenum	96-1	0.69	0.76	0.70	0.72	4.94	ppb
Molybdenum	97-1	0.88	0.69	0.86	0.81	12.77	ppb
Molybdenum	98-1	0.80	0.84	0.74	0.79	6.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.22	0.14	-0.13	-0.07		ppb
Phosphorus	31-2	-33.94	-33.94	5.58	-20.76		ppb
Potassium	39-2	241.18	279.47	262.47	261.04	7.35	ppb
Rhodium	103-1				107		%
Rhodium	103-2				91		%
Scandium	45-1				93		%
Scandium	45-2				73		%
Selenium	77-2	-6.62	-6.62	-6.62	-6.62		ppb
Selenium	78-2	0.24	0.24	0.23	0.24	3.50	ppb
Selenium	82-1	0.77	1.29	0.63	0.90	38.78	ppb
Silicon	28-1	1983.86	2010.52	2010.25	2001.54	0.77	ppb
Silver	109-1	0.04	0.03	0.03	0.03	13.65	ppb
Silver	107-1	0.05	0.05	0.05	0.05	7.11	ppb
Sodium	23-2	8780.59	8573.35	8581.78	8645.24	1.36	ppb
Strontium	86-1	120.99	124.57	122.39	122.65	1.47	ppb
Strontium	88-1	127.49	130.78	126.26	128.18	1.82	ppb
Sulfur	34-1	-2757.65	-2589.19	-2972.17	-2773.00		ppb
Terbium	159-1				117		%
Terbium	159-2				97		%
Thallium	203-1	-0.02	-0.03	-0.02	-0.02		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.17	0.15	0.17	0.16	4.68	ppb
Titanium	47-1	0.41	0.21	0.90	0.50	70.40	ppb
Uranium	238-1	0.00	0.00	0.01	0.01	97.42	ppb
Vanadium	51-2	0.09	0.23	0.16	0.16	45.03	ppb
Yttrium	89-1				105		%
Yttrium	89-2				82		%
Zinc	66-2	1.14	0.54	1.09	0.92	35.94	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-01DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW028-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 19:28:49	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.08	0.07	0.07	18.47	ppb
Zirconium	91-1	0.08	0.08	0.12	0.09	23.73	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-02DLX5 Instrumnet Name : P8
 Client Sample ID : LF014RW131-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 19:32:14 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.48	2.25	-0.59	-0.61		ppb
Antimony	121-1	0.26	0.23	0.25	0.25	5.25	ppb
Arsenic	75-2	1.43	1.56	1.72	1.57	9.05	ppb
Barium	135-1	30.59	30.19	31.42	30.73	2.05	ppb
Barium	137-1	30.36	30.87	30.93	30.72	1.02	ppb
Beryllium	9-1	0.03	0.02	-0.03	0.01	409.55	ppb
Bismuth	209-1				123		%
Bismuth	209-2				100		%
Boron	10-1	44.37	50.13	46.62	47.04	6.16	ppb
Boron	11-1	49.56	46.66	48.82	48.35	3.12	ppb
Cadmium	111-1	-0.10	-0.17	-0.13	-0.14		ppb
Cadmium	106-1	-1.32	-2.39	-1.62	-1.78		ppb
Cadmium	108-1	-0.08	-0.03	-0.07	-0.06		ppb
Calcium	43-1	23428.29	23161.89	23910.09	23500.09	1.61	ppb
Calcium	44-1	23848.23	23854.32	24150.17	23950.91	0.72	ppb
Chromium	52-2	0.27	0.13	0.23	0.21	34.03	ppb
Cobalt	59-2	0.04	0.04	0.07	0.05	36.97	ppb
Copper	63-2	0.99	0.95	0.88	0.94	5.71	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				119		%
Holmium	165-2				98		%
Indium	115-1				109		%
Indium	115-2				85		%
Iron	56-2	1326.37	1283.40	1290.37	1300.05	1.77	ppb
Iron	57-2	1294.33	1231.83	1227.79	1251.32	2.98	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.08	0.12	0.10	20.90	ppb
Lead	207-1	0.08	0.06	0.09	0.08	24.39	ppb
Lead	208-1	0.08	0.07	0.09	0.08	10.97	ppb
Lithium	6-1				104		%
Magnesium	24-2	2856.48	2728.86	2736.03	2773.79	2.59	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-02DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014RW131-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 19:32:14	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	105.36	99.05	99.34	101.25	3.52	ppb
Molybdenum	94-1	0.26	0.24	0.30	0.27	11.38	ppb
Molybdenum	95-1	0.26	0.27	0.26	0.26	0.85	ppb
Molybdenum	96-1	0.31	0.36	0.31	0.33	7.70	ppb
Molybdenum	97-1	0.31	0.36	0.36	0.34	7.63	ppb
Molybdenum	98-1	0.27	0.26	0.32	0.29	10.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.30	-0.32	-0.09	-0.24		ppb
Phosphorus	31-2	6.47	44.78	-33.94	5.77	682.13	ppb
Potassium	39-2	511.54	451.66	420.15	461.12	10.07	ppb
Rhodium	103-1				105		%
Rhodium	103-2				90		%
Scandium	45-1				92		%
Scandium	45-2				73		%
Selenium	77-2	1.52	-6.62	-6.62	-3.90		ppb
Selenium	78-2	1.55	0.25	-1.06	0.25	521.26	ppb
Selenium	82-1	0.08	0.65	1.43	0.72	94.52	ppb
Silicon	28-1	1922.17	1905.08	1962.16	1929.81	1.52	ppb
Silver	109-1	0.04	0.03	0.01	0.03	48.92	ppb
Silver	107-1	0.04	0.03	0.07	0.05	39.22	ppb
Sodium	23-2	6704.16	6553.52	6508.03	6588.57	1.56	ppb
Strontium	86-1	121.50	121.13	121.74	121.46	0.25	ppb
Strontium	88-1	127.08	126.94	126.32	126.78	0.32	ppb
Sulfur	34-1	-1856.58	-1779.82	-1791.25	-1809.22		ppb
Terbium	159-1				117		%
Terbium	159-2				97		%
Thallium	203-1	-0.02	-0.04	-0.03	-0.03		ppb
Thallium	205-1	-0.04	-0.04	-0.03	-0.04		ppb
Tin	118-1	0.13	0.21	0.13	0.16	29.02	ppb
Titanium	47-1	0.05	0.27	0.10	0.14	84.85	ppb
Uranium	238-1	0.05	0.07	0.07	0.06	17.29	ppb
Vanadium	51-2	0.10	0.08	0.04	0.07	39.46	ppb
Yttrium	89-1				104		%
Yttrium	89-2				81		%
Zinc	66-2	9.68	10.82	10.80	10.43	6.26	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-02DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014RW131-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 19:32:14	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.03	0.02	0.03	18.45	ppb
Zirconium	91-1	0.06	0.05	0.06	0.06	16.66	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-03DLX5 Instrumnet Name : P8
 Client Sample ID : LF014RW032-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 19:35:37 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	146.59	93.16	101.24	113.66	25.34	ppb
Antimony	121-1	0.23	0.28	0.23	0.25	11.13	ppb
Arsenic	75-2	0.97	0.97	0.92	0.95	3.31	ppb
Barium	135-1	11.10	12.47	10.96	11.51	7.25	ppb
Barium	137-1	11.25	11.69	11.02	11.32	3.00	ppb
Beryllium	9-1	0.06	0.09	0.07	0.07	19.65	ppb
Bismuth	209-1				120		%
Bismuth	209-2				100		%
Boron	10-1	33.08	36.18	34.43	34.56	4.50	ppb
Boron	11-1	33.93	36.84	36.09	35.62	4.25	ppb
Cadmium	111-1	-0.13	-0.06	-0.14	-0.11		ppb
Cadmium	106-1	-1.86	-1.27	-2.09	-1.74		ppb
Cadmium	108-1	0.10	0.02	-0.08	0.02	565.14	ppb
Calcium	43-1	14650.03	15871.63	14717.69	15079.78	4.55	ppb
Calcium	44-1	15194.73	16330.91	15299.73	15608.46	4.02	ppb
Chromium	52-2	0.19	0.16	0.24	0.20	21.54	ppb
Cobalt	59-2	0.14	0.14	0.16	0.15	11.06	ppb
Copper	63-2	0.22	0.26	0.24	0.24	7.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				97		%
Indium	115-1				106		%
Indium	115-2				85		%
Iron	56-2	225.60	218.45	228.93	224.33	2.39	ppb
Iron	57-2	237.07	223.22	221.26	227.18	3.79	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.05	0.01	0.03	54.87	ppb
Lead	207-1	0.01	0.04	0.02	0.02	74.90	ppb
Lead	208-1	0.03	0.04	0.02	0.03	29.41	ppb
Lithium	6-1				102		%
Magnesium	24-2	2379.68	2296.31	2343.70	2339.90	1.79	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-03DLX5 Instrumnet Name : P8
 Client Sample ID : LF014RW032-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 19:35:37 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	21.76	20.68	21.57	21.34	2.70	ppb
Molybdenum	94-1	0.41	0.53	0.28	0.40	31.02	ppb
Molybdenum	95-1	0.26	0.31	0.44	0.33	27.56	ppb
Molybdenum	96-1	0.31	0.38	0.42	0.37	15.32	ppb
Molybdenum	97-1	0.27	0.32	0.30	0.30	8.38	ppb
Molybdenum	98-1	0.32	0.34	0.31	0.32	4.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.28	-0.18	-0.41	-0.29		ppb
Phosphorus	31-2	-33.94	-33.94	-33.94	-33.94		ppb
Potassium	39-2	711.19	533.54	655.02	633.25	14.34	ppb
Rhodium	103-1				103		%
Rhodium	103-2				90		%
Scandium	45-1				89		%
Scandium	45-2				73		%
Selenium	77-2	-6.62	-6.62	-6.62	-6.62		ppb
Selenium	78-2	0.27	-1.06	2.94	0.72	283.52	ppb
Selenium	82-1	0.42	1.28	1.30	1.00	49.95	ppb
Silicon	28-1	1478.96	1690.13	1483.59	1550.89	7.78	ppb
Silver	109-1	0.02	0.03	0.04	0.03	17.63	ppb
Silver	107-1	0.03	0.04	0.04	0.04	12.93	ppb
Sodium	23-2	5183.14	4921.53	4927.91	5010.86	2.98	ppb
Strontium	86-1	88.28	96.36	90.42	91.69	4.57	ppb
Strontium	88-1	90.53	96.27	91.75	92.85	3.25	ppb
Sulfur	34-1	-658.09	326.18	-902.86	-411.59		ppb
Terbium	159-1				114		%
Terbium	159-2				96		%
Thallium	203-1	-0.02	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Tin	118-1	0.07	0.16	0.19	0.14	44.38	ppb
Titanium	47-1	3.15	2.55	5.12	3.61	37.29	ppb
Uranium	238-1	0.28	0.33	0.31	0.31	9.29	ppb
Vanadium	51-2	0.39	0.23	0.37	0.33	25.53	ppb
Yttrium	89-1				101		%
Yttrium	89-2				80		%
Zinc	66-2	1.83	2.11	2.55	2.16	16.66	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-03DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014RW032-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 19:35:37	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.11	0.18	0.14	0.14	21.89	ppb
Zirconium	91-1	0.13	0.12	0.10	0.12	13.86	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-04DLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW006-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 19:39:00 DataFile Name : 047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.57	2.45	5.47	2.45	123.31	ppb
Antimony	121-1	0.22	0.28	0.27	0.26	11.30	ppb
Arsenic	75-2	0.61	0.65	0.71	0.66	7.85	ppb
Barium	135-1	32.75	32.44	32.38	32.52	0.60	ppb
Barium	137-1	31.81	32.15	31.69	31.88	0.75	ppb
Beryllium	9-1	0.06	0.05	0.02	0.04	58.75	ppb
Bismuth	209-1				121		%
Bismuth	209-2				99		%
Boron	10-1	36.13	33.80	37.30	35.74	4.99	ppb
Boron	11-1	35.83	35.66	36.76	36.08	1.65	ppb
Cadmium	111-1	0.02	-0.03	-0.18	-0.07		ppb
Cadmium	106-1	-0.16	-0.78	-2.76	-1.23		ppb
Cadmium	108-1	0.10	-0.03	-0.03	0.01	563.16	ppb
Calcium	43-1	22502.44	22553.54	22215.50	22423.82	0.81	ppb
Calcium	44-1	23004.68	23096.04	22769.51	22956.74	0.73	ppb
Chromium	52-2	0.02	0.14	0.06	0.08	75.46	ppb
Cobalt	59-2	0.09	0.07	0.10	0.08	18.21	ppb
Copper	63-2	70.40	73.19	72.69	72.09	2.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				96		%
Indium	115-1				108		%
Indium	115-2				84		%
Iron	56-2	931.31	948.33	969.62	949.75	2.02	ppb
Iron	57-2	869.00	932.59	947.58	916.39	4.55	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.25	0.20	0.22	12.69	ppb
Lead	207-1	0.23	0.23	0.19	0.22	10.16	ppb
Lead	208-1	0.23	0.24	0.22	0.23	3.35	ppb
Lithium	6-1				102		%
Magnesium	24-2	2102.81	2122.52	2078.76	2101.36	1.04	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-04DLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW006-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 19:39:00 DataFile Name : 047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	41.36	39.46	43.35	41.39	4.70	ppb
Molybdenum	94-1	0.25	0.23	0.20	0.22	11.20	ppb
Molybdenum	95-1	0.22	0.25	0.28	0.25	11.66	ppb
Molybdenum	96-1	0.25	0.30	0.25	0.27	11.70	ppb
Molybdenum	97-1	0.33	0.23	0.30	0.29	17.75	ppb
Molybdenum	98-1	0.24	0.30	0.25	0.26	13.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.17	-0.36	-0.06	-0.08		ppb
Phosphorus	31-2	6.10	-33.94	-33.94	-20.59		ppb
Potassium	39-2	376.20	362.14	397.80	378.71	4.74	ppb
Rhodium	103-1				105		%
Rhodium	103-2				89		%
Scandium	45-1				91		%
Scandium	45-2				71		%
Selenium	77-2	-6.62	-6.62	1.74	-3.83		ppb
Selenium	78-2	0.26	0.28	-1.06	-0.17		ppb
Selenium	82-1	0.09	0.39	0.98	0.49	94.04	ppb
Silicon	28-1	1740.81	1726.54	1716.16	1727.84	0.72	ppb
Silver	109-1	0.03	0.03	0.02	0.03	30.85	ppb
Silver	107-1	0.03	0.02	0.03	0.03	34.80	ppb
Sodium	23-2	4985.91	5090.64	5031.43	5035.99	1.04	ppb
Strontium	86-1	117.07	118.35	116.44	117.29	0.83	ppb
Strontium	88-1	122.94	123.00	122.60	122.84	0.18	ppb
Sulfur	34-1	-1450.08	-1432.06	-1593.50	-1491.88		ppb
Terbium	159-1				116		%
Terbium	159-2				95		%
Thallium	203-1	-0.04	-0.03	-0.04	-0.03		ppb
Thallium	205-1	-0.04	-0.03	-0.05	-0.04		ppb
Tin	118-1	0.10	0.14	0.14	0.13	20.48	ppb
Titanium	47-1	0.18	0.21	0.02	0.14	77.36	ppb
Uranium	238-1	0.19	0.20	0.20	0.20	2.62	ppb
Vanadium	51-2	0.11	0.11	0.19	0.14	34.28	ppb
Yttrium	89-1				103		%
Yttrium	89-2				80		%
Zinc	66-2	3.86	3.27	3.68	3.60	8.35	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-04DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW006-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 19:39:00	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.01	0.01	50.98	ppb
Zirconium	91-1	0.00	0.03	0.00	0.01	129.22	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-05DLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 19:42:24 DataFile Name : 048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	68.30	65.65	47.07	60.34	19.17	ppb
Antimony	121-1	0.21	0.20	0.19	0.20	5.40	ppb
Arsenic	75-2	1.14	1.30	1.08	1.17	9.45	ppb
Barium	135-1	15.73	15.53	16.27	15.84	2.41	ppb
Barium	137-1	15.82	15.63	15.72	15.72	0.59	ppb
Beryllium	9-1	0.03	0.04	0.05	0.04	26.68	ppb
Bismuth	209-1				121		%
Bismuth	209-2				98		%
Boron	10-1	37.59	39.16	32.73	36.49	9.19	ppb
Boron	11-1	36.41	38.08	38.33	37.61	2.77	ppb
Cadmium	111-1	-0.05	-0.12	-0.20	-0.12		ppb
Cadmium	106-1	-0.76	-1.62	-2.48	-1.62		ppb
Cadmium	108-1	-0.07	-0.07	-0.03	-0.06		ppb
Calcium	43-1	19535.58	19635.28	19719.89	19630.25	0.47	ppb
Calcium	44-1	19984.79	20314.83	20294.63	20198.08	0.92	ppb
Chromium	52-2	0.46	0.49	0.36	0.44	15.61	ppb
Cobalt	59-2	0.07	0.05	0.11	0.08	40.76	ppb
Copper	63-2	0.26	0.28	0.23	0.26	10.50	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				117		%
Holmium	165-2				96		%
Indium	115-1				107		%
Indium	115-2				83		%
Iron	56-2	84.13	82.44	83.43	83.33	1.02	ppb
Iron	57-2	79.38	85.69	79.73	81.60	4.35	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.02	0.02	11.25	ppb
Lead	207-1	0.03	0.00	0.01	0.01	162.24	ppb
Lead	208-1	0.02	0.02	0.02	0.02	14.17	ppb
Lithium	6-1				101		%
Magnesium	24-2	3443.62	3363.17	3229.80	3345.53	3.23	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-05DLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 19:42:24 DataFile Name : 048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	63.44	65.52	60.74	63.23	3.79	ppb
Molybdenum	94-1	0.48	0.43	0.56	0.49	13.69	ppb
Molybdenum	95-1	0.56	0.51	0.55	0.54	4.26	ppb
Molybdenum	96-1	0.56	0.50	0.59	0.55	8.69	ppb
Molybdenum	97-1	0.56	0.58	0.81	0.65	21.87	ppb
Molybdenum	98-1	0.47	0.56	0.56	0.53	9.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.42	0.34	0.57	0.44	26.39	ppb
Phosphorus	31-2	48.24	-33.94	-33.94	-6.54		ppb
Potassium	39-2	491.67	469.87	511.55	491.03	4.25	ppb
Rhodium	103-1				103		%
Rhodium	103-2				88		%
Scandium	45-1				90		%
Scandium	45-2				70		%
Selenium	77-2	-6.62	-6.62	-6.62	-6.62		ppb
Selenium	78-2	1.62	0.29	1.64	1.18	65.42	ppb
Selenium	82-1	0.96	0.71	1.60	1.09	42.06	ppb
Silicon	28-1	1733.70	1691.31	1695.48	1706.83	1.37	ppb
Silver	109-1	0.02	0.02	0.02	0.02	15.87	ppb
Silver	107-1	0.02	0.03	0.03	0.03	14.78	ppb
Sodium	23-2	8828.58	8848.97	8657.32	8778.29	1.20	ppb
Strontium	86-1	124.31	125.77	124.75	124.94	0.60	ppb
Strontium	88-1	131.15	131.01	131.24	131.13	0.09	ppb
Sulfur	34-1	1358.36	1519.31	1568.55	1482.08	7.42	ppb
Terbium	159-1				115		%
Terbium	159-2				95		%
Thallium	203-1	-0.03	-0.01	-0.03	-0.03		ppb
Thallium	205-1	-0.04	-0.04	-0.05	-0.04		ppb
Tin	118-1	0.13	0.08	0.12	0.11	26.06	ppb
Titanium	47-1	0.75	0.61	0.45	0.61	24.73	ppb
Uranium	238-1	0.42	0.42	0.40	0.41	3.20	ppb
Vanadium	51-2	0.09	0.11	0.16	0.12	28.44	ppb
Yttrium	89-1				102		%
Yttrium	89-2				79		%
Zinc	66-2	0.92	0.30	0.29	0.50	71.20	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-05DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 19:42:24	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.05	0.07	0.05	28.25	ppb
Zirconium	91-1	0.03	0.13	0.07	0.07	66.31	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-05DUPDLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 19:45:47 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48.66	57.69	35.54	47.30	23.55	ppb
Antimony	121-1	0.23	0.18	0.20	0.21	12.57	ppb
Arsenic	75-2	1.05	1.36	0.87	1.09	22.91	ppb
Barium	135-1	15.86	15.68	16.29	15.94	1.96	ppb
Barium	137-1	15.84	15.55	16.25	15.88	2.22	ppb
Beryllium	9-1	0.09	0.10	0.02	0.07	62.11	ppb
Bismuth	209-1				120		%
Bismuth	209-2				97		%
Boron	10-1	40.08	38.49	39.98	39.52	2.26	ppb
Boron	11-1	38.04	37.41	37.84	37.76	0.85	ppb
Cadmium	111-1	-0.08	-0.06	-0.07	-0.07		ppb
Cadmium	106-1	-1.10	-0.93	-1.02	-1.02		ppb
Cadmium	108-1	-0.03	-0.03	-0.07	-0.04		ppb
Calcium	43-1	20108.37	19979.14	20183.94	20090.48	0.52	ppb
Calcium	44-1	20786.62	20646.57	20665.55	20699.58	0.37	ppb
Chromium	52-2	0.48	0.40	0.47	0.45	10.23	ppb
Cobalt	59-2	0.08	0.08	0.04	0.07	38.51	ppb
Copper	63-2	0.18	0.33	0.27	0.26	28.75	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				117		%
Holmium	165-2				95		%
Indium	115-1				107		%
Indium	115-2				83		%
Iron	56-2	83.20	84.41	84.51	84.04	0.87	ppb
Iron	57-2	83.18	77.88	77.16	79.41	4.14	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.01	0.02	35.49	ppb
Lead	207-1	0.01	0.00	0.01	0.01	81.25	ppb
Lead	208-1	0.02	0.02	0.02	0.02	17.46	ppb
Lithium	6-1				100		%
Magnesium	24-2	3222.88	3400.79	3393.85	3339.17	3.02	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-05DUPDLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 19:45:47 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	63.91	66.80	64.84	65.18	2.26	ppb
Molybdenum	94-1	0.43	0.38	0.40	0.40	5.12	ppb
Molybdenum	95-1	0.50	0.56	0.64	0.57	12.81	ppb
Molybdenum	96-1	0.56	0.45	0.47	0.49	11.96	ppb
Molybdenum	97-1	0.37	0.58	0.63	0.53	25.80	ppb
Molybdenum	98-1	0.51	0.57	0.59	0.56	7.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.32	0.23	0.28	0.27	16.40	ppb
Phosphorus	31-2	-33.94	8.06	7.27	-6.20		ppb
Potassium	39-2	501.33	510.88	547.85	520.02	4.73	ppb
Rhodium	103-1				103		%
Rhodium	103-2				88		%
Scandium	45-1				89		%
Scandium	45-2				70		%
Selenium	77-2	-6.62	-6.62	-6.62	-6.62		ppb
Selenium	78-2	-1.06	-1.06	-1.06	-1.06		ppb
Selenium	82-1	1.56	1.12	2.03	1.57	29.01	ppb
Silicon	28-1	1745.56	1750.22	1722.50	1739.43	0.85	ppb
Silver	109-1	0.02	0.02	0.03	0.02	8.65	ppb
Silver	107-1	0.03	0.02	0.03	0.03	17.40	ppb
Sodium	23-2	8526.45	9124.14	8969.92	8873.50	3.50	ppb
Strontium	86-1	125.30	127.53	127.58	126.80	1.03	ppb
Strontium	88-1	131.82	131.73	134.88	132.81	1.35	ppb
Sulfur	34-1	1862.23	1861.18	1691.44	1804.95	5.45	ppb
Terbium	159-1				114		%
Terbium	159-2				94		%
Thallium	203-1	-0.03	-0.04	-0.04	-0.03		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Tin	118-1	0.11	0.13	0.10	0.11	14.07	ppb
Titanium	47-1	0.36	0.52	0.42	0.43	19.44	ppb
Uranium	238-1	0.45	0.42	0.42	0.43	4.28	ppb
Vanadium	51-2	0.13	0.22	0.12	0.16	33.95	ppb
Yttrium	89-1				101		%
Yttrium	89-2				79		%
Zinc	66-2	0.03	0.37	0.44	0.28	77.25	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-05DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 19:45:47	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.06	0.06	0.05	26.32	ppb
Zirconium	91-1	0.08	0.09	0.11	0.09	17.49	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-05LDLX25 Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412LD Dilution Factor : 25
 Date & Time Acquired :: 2018-04-18 19:49:11 DataFile Name : 050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.54	7.25	10.69	5.80	99.23	ppb
Antimony	121-1	-0.01	-0.01	0.01	0.00		ppb
Arsenic	75-2	0.19	0.29	0.27	0.25	21.91	ppb
Barium	135-1	2.92	3.08	3.26	3.09	5.43	ppb
Barium	137-1	3.06	3.05	3.04	3.05	0.40	ppb
Beryllium	9-1	0.01	0.05	-0.02	0.01	252.63	ppb
Bismuth	209-1				120		%
Bismuth	209-2				98		%
Boron	10-1	14.26	15.75	16.08	15.36	6.32	ppb
Boron	11-1	12.80	13.42	14.40	13.54	5.98	ppb
Cadmium	111-1	-0.11	-0.10	-0.12	-0.11		ppb
Cadmium	106-1	-1.35	-1.42	-1.44	-1.40		ppb
Cadmium	108-1	-0.12	-0.12	0.10	-0.05		ppb
Calcium	43-1	4010.40	3895.83	3973.33	3959.85	1.48	ppb
Calcium	44-1	4016.87	3963.35	3914.00	3964.74	1.30	ppb
Chromium	52-2	0.13	0.05	0.02	0.07	79.34	ppb
Cobalt	59-2	0.03	0.00	-0.02	0.00	654.41	ppb
Copper	63-2	0.05	0.00	0.04	0.03	83.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				97		%
Indium	115-1				108		%
Indium	115-2				86		%
Iron	56-2	16.95	16.37	16.20	16.51	2.40	ppb
Iron	57-2	12.89	14.96	19.33	15.72	20.91	ppb
Krypton	83-1						cps
Lead	206-1	-0.05	-0.05	-0.05	-0.05		ppb
Lead	207-1	-0.04	-0.06	-0.04	-0.05		ppb
Lead	208-1	-0.04	-0.05	-0.04	-0.04		ppb
Lithium	6-1				99		%
Magnesium	24-2	701.35	621.14	619.99	647.49	7.20	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-05LDLX25 Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412LD Dilution Factor : 25
 Date & Time Acquired :: 2018-04-18 19:49:11 DataFile Name : 050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	14.28	12.21	10.96	12.49	13.44	ppb
Molybdenum	94-1	0.09	0.04	0.04	0.06	49.26	ppb
Molybdenum	95-1	0.06	0.04	0.06	0.06	21.04	ppb
Molybdenum	96-1	0.08	0.04	0.11	0.08	40.78	ppb
Molybdenum	97-1	0.10	0.08	0.07	0.08	23.42	ppb
Molybdenum	98-1	0.07	0.07	0.12	0.09	31.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.26	-0.39	-0.51	-0.39		ppb
Phosphorus	31-2	-33.94	-33.94	4.98	-20.96		ppb
Potassium	39-2	115.29	72.63	83.50	90.47	24.50	ppb
Rhodium	103-1				105		%
Rhodium	103-2				90		%
Scandium	45-1				92		%
Scandium	45-2				75		%
Selenium	77-2	-6.62	1.27	-6.62	-3.99		ppb
Selenium	78-2	1.57	0.21	0.22	0.67	117.06	ppb
Selenium	82-1	0.51	0.15	0.61	0.42	57.09	ppb
Silicon	28-1	396.32	397.08	382.38	391.93	2.11	ppb
Silver	109-1	0.00	0.00	0.01	0.00	159.92	ppb
Silver	107-1	0.01	0.02	0.02	0.02	25.05	ppb
Sodium	23-2	1853.12	1710.30	1826.64	1796.69	4.23	ppb
Strontium	86-1	25.75	24.62	25.12	25.16	2.24	ppb
Strontium	88-1	25.61	25.27	25.28	25.39	0.75	ppb
Sulfur	34-1	-857.73	-957.16	-1168.13	-994.34		ppb
Terbium	159-1				115		%
Terbium	159-2				96		%
Thallium	203-1	-0.03	-0.04	-0.03	-0.03		ppb
Thallium	205-1	-0.04	-0.04	-0.05	-0.04		ppb
Tin	118-1	-0.02	-0.02	-0.03	-0.03		ppb
Titanium	47-1	0.08	0.06	0.00	0.05	94.66	ppb
Uranium	238-1	0.07	0.06	0.06	0.06	4.02	ppb
Vanadium	51-2	0.02	0.07	0.04	0.04	54.81	ppb
Yttrium	89-1				102		%
Yttrium	89-2				83		%
Zinc	66-2	0.05	0.07	-0.16	-0.02		ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-05LDLX25	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412LD	Dilution Factor :	25
Date & Time Acquired ::	2018-04-18 19:49:11	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.02	0.00	0.01	121.61	ppb
Zirconium	91-1	0.02	0.01	0.01	0.02	31.76	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-06DLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412MS Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 19:52:35 DataFile Name : 051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2123.36	2371.15	2170.05	2221.52	5.93	ppb
Antimony	121-1	97.18	96.32	97.90	97.13	0.81	ppb
Arsenic	75-2	105.88	114.17	107.31	109.12	4.06	ppb
Barium	135-1	497.02	495.29	503.82	498.71	0.90	ppb
Barium	137-1	493.76	492.23	500.65	495.55	0.90	ppb
Beryllium	9-1	88.98	85.22	85.61	86.61	2.39	ppb
Bismuth	209-1				119		%
Bismuth	209-2				94		%
Boron	10-1	117.24	123.00	119.57	119.94	2.42	ppb
Boron	11-1	113.75	116.35	117.20	115.77	1.55	ppb
Cadmium	111-1	97.46	96.39	97.41	97.09	0.62	ppb
Cadmium	106-1	95.57	91.90	89.76	92.41	3.18	ppb
Cadmium	108-1	96.44	93.36	97.05	95.61	2.07	ppb
Calcium	43-1	29824.25	28816.78	29356.44	29332.49	1.72	ppb
Calcium	44-1	29908.05	28829.33	29939.59	29558.99	2.14	ppb
Chromium	52-2	110.43	121.85	110.08	114.12	5.87	ppb
Cobalt	59-2	112.18	123.14	113.07	116.13	5.24	ppb
Copper	63-2	224.62	251.97	230.35	235.65	6.12	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				117		%
Holmium	165-2				93		%
Indium	115-1				106		%
Indium	115-2				80		%
Iron	56-2	5775.83	6303.22	5881.00	5986.68	4.66	ppb
Iron	57-2	5619.25	6044.57	5560.54	5741.45	4.60	ppb
Krypton	83-1						cps
Lead	206-1	101.31	99.07	101.05	100.48	1.22	ppb
Lead	207-1	99.17	97.91	99.27	98.78	0.77	ppb
Lead	208-1	100.39	99.10	100.74	100.08	0.86	ppb
Lithium	6-1				102		%
Magnesium	24-2	13373.08	14738.05	13398.41	13836.51	5.64	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-06DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412MS	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 19:52:35	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	271.99	299.86	268.98	280.28	6.08	ppb
Molybdenum	94-1	510.24	507.33	510.68	509.42	0.36	ppb
Molybdenum	95-1	504.23	501.59	504.65	503.49	0.33	ppb
Molybdenum	96-1	506.69	505.58	510.02	507.43	0.46	ppb
Molybdenum	97-1	508.36	509.06	513.92	510.44	0.59	ppb
Molybdenum	98-1	520.83	517.75	530.12	522.90	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	113.25	127.68	117.57	119.50	6.20	ppb
Phosphorus	31-2	-33.94	11.02	-33.94	-18.95		ppb
Potassium	39-2	5303.76	5801.88	5378.09	5494.58	4.89	ppb
Rhodium	103-1				103		%
Rhodium	103-2				85		%
Scandium	45-1				90		%
Scandium	45-2				69		%
Selenium	77-2	61.45	75.68	120.42	85.85	35.84	ppb
Selenium	78-2	91.66	107.39	119.74	106.26	13.24	ppb
Selenium	82-1	100.74	99.51	102.23	100.83	1.35	ppb
Silicon	28-1	1993.75	1899.45	1924.68	1939.29	2.52	ppb
Silver	109-1	97.17	96.84	98.42	97.48	0.85	ppb
Silver	107-1	98.42	97.04	99.44	98.30	1.23	ppb
Sodium	23-2	18871.01	20532.78	18915.94	19439.91	4.87	ppb
Strontium	86-1	226.20	225.36	228.09	226.55	0.62	ppb
Strontium	88-1	236.95	233.62	235.31	235.29	0.71	ppb
Sulfur	34-1	2075.75	1565.09	1884.43	1841.75	14.01	ppb
Terbium	159-1				115		%
Terbium	159-2				92		%
Thallium	203-1	102.39	100.56	100.93	101.29	0.96	ppb
Thallium	205-1	103.05	101.56	103.57	102.73	1.02	ppb
Tin	118-1	94.79	92.94	95.90	94.54	1.58	ppb
Titanium	47-1	494.27	481.71	523.56	499.85	4.30	ppb
Uranium	238-1	109.65	105.34	108.40	107.80	2.06	ppb
Vanadium	51-2	104.98	116.12	107.51	109.54	5.33	ppb
Yttrium	89-1				102		%
Yttrium	89-2				76		%
Zinc	66-2	221.05	235.59	218.06	224.90	4.17	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-06DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412M5	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 19:52:35	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	101.13	100.48	101.18	100.93	0.38	ppb
Zirconium	91-1	98.84	99.15	99.88	99.29	0.53	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 19:55:56	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53503.80	53784.83	53745.16	53677.93	0.28	ppb
Antimony	121-1	478.92	476.47	476.29	477.23	0.31	ppb
Arsenic	75-2	498.29	503.95	495.41	499.22	0.87	ppb
Barium	135-1	2517.12	2483.45	2491.79	2497.45	0.70	ppb
Barium	137-1	2485.47	2461.06	2485.91	2477.48	0.57	ppb
Beryllium	9-1	508.88	525.35	525.59	519.94	1.84	ppb
Bismuth	209-1				112		%
Bismuth	209-2				95		%
Boron	10-1	519.89	532.43	562.97	538.43	4.12	ppb
Boron	11-1	507.82	523.47	536.18	522.49	2.72	ppb
Cadmium	111-1	469.39	468.94	471.03	469.79	0.23	ppb
Cadmium	106-1	461.16	467.09	461.82	463.36	0.70	ppb
Cadmium	108-1	469.43	465.52	474.29	469.75	0.94	ppb
Calcium	43-1	243343.02	248068.36	244571.37	245327.58	1.00	ppb
Calcium	44-1	240369.86	242134.53	243893.53	242132.64	0.73	ppb
Chromium	52-2	533.21	523.73	531.60	529.52	0.96	ppb
Cobalt	59-2	520.45	517.47	518.64	518.85	0.29	ppb
Copper	63-2	1017.05	1018.32	1017.23	1017.53	0.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				86		%
Iron	56-2	133895.19	133283.11	132410.23	133196.18	0.56	ppb
Iron	57-2	129220.31	128604.07	128688.57	128837.65	0.26	ppb
Krypton	83-1						cps
Lead	206-1	515.34	518.82	513.64	515.94	0.51	ppb
Lead	207-1	517.50	517.96	518.82	518.09	0.13	ppb
Lead	208-1	518.26	519.21	517.60	518.36	0.16	ppb
Lithium	6-1				92		%
Magnesium	24-2	256863.84	256739.79	257279.89	256961.17	0.11	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 19:55:56	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1040.00	1024.99	1026.04	1030.34	0.81	ppb
Molybdenum	94-1	2570.39	2541.50	2554.55	2555.48	0.57	ppb
Molybdenum	95-1	2584.37	2541.94	2529.35	2551.88	1.13	ppb
Molybdenum	96-1	2578.15	2545.27	2528.92	2550.78	0.98	ppb
Molybdenum	97-1	2572.50	2575.32	2577.92	2575.24	0.11	ppb
Molybdenum	98-1	2571.11	2537.70	2533.21	2547.34	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.95	524.82	519.27	523.35	0.68	ppb
Phosphorus	31-2	10583.16	9593.70	10560.57	10245.81	5.51	ppb
Potassium	39-2	123946.05	124750.58	125651.32	124782.65	0.68	ppb
Rhodium	103-1				99		%
Rhodium	103-2				89		%
Scandium	45-1				96		%
Scandium	45-2				83		%
Selenium	77-2	448.31	431.27	587.17	488.92	17.49	ppb
Selenium	78-2	511.69	479.28	468.72	486.56	4.60	ppb
Selenium	82-1	487.92	488.62	489.61	488.71	0.17	ppb
Silicon	28-1	465.15	470.60	472.82	469.52	0.84	ppb
Silver	109-1	479.29	477.74	483.17	480.07	0.58	ppb
Silver	107-1	478.15	472.10	477.66	475.97	0.71	ppb
Sodium	23-2	253145.27	252646.13	256000.13	253930.51	0.71	ppb
Strontium	86-1	509.38	506.19	508.86	508.14	0.34	ppb
Strontium	88-1	520.53	518.29	517.02	518.61	0.34	ppb
Sulfur	34-1	8250.78	8525.06	8263.24	8346.36	1.86	ppb
Terbium	159-1				114		%
Terbium	159-2				98		%
Thallium	203-1	525.24	510.82	512.41	516.15	1.53	ppb
Thallium	205-1	514.93	512.35	514.40	513.89	0.27	ppb
Tin	118-1	487.13	489.84	489.04	488.67	0.29	ppb
Titanium	47-1	2572.50	2551.63	2519.11	2547.74	1.06	ppb
Uranium	238-1	532.32	535.65	534.93	534.30	0.33	ppb
Vanadium	51-2	518.49	520.68	525.21	521.46	0.66	ppb
Yttrium	89-1				103		%
Yttrium	89-2				88		%
Zinc	66-2	1019.29	1005.47	1019.20	1014.65	0.78	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 19:55:56	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	516.50	509.00	505.93	510.48	1.07	ppb
Zirconium	91-1	497.02	490.99	494.21	494.07	0.61	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : CCB34 Instrumnet Name : P8
 Client Sample ID : CCB34 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 19:59:12 DataFile Name : 053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.85	7.28	-0.81	1.87	249.73	ppb
Antimony	121-1	1.29	1.37	1.45	1.37	5.94	ppb
Arsenic	75-2	0.14	0.20	0.26	0.20	28.35	ppb
Barium	135-1	0.08	0.04	-0.01	0.03	133.66	ppb
Barium	137-1	-0.02	0.02	-0.02	-0.01		ppb
Beryllium	9-1	0.33	0.29	0.51	0.38	30.08	ppb
Bismuth	209-1				118		%
Bismuth	209-2				100		%
Boron	10-1	21.06	20.46	17.10	19.54	10.92	ppb
Boron	11-1	20.67	19.23	16.66	18.86	10.78	ppb
Cadmium	111-1	0.02	-0.09	-0.12	-0.06		ppb
Cadmium	106-1	-0.28	-1.91	-2.28	-1.49		ppb
Cadmium	108-1	-0.12	-0.12	-0.03	-0.09		ppb
Calcium	43-1	-17.88	-34.47	-32.61	-28.32		ppb
Calcium	44-1	10.09	7.81	6.44	8.11	22.71	ppb
Chromium	52-2	-0.10	-0.08	0.05	-0.04		ppb
Cobalt	59-2	-0.03	-0.02	-0.01	-0.02		ppb
Copper	63-2	0.03	0.02	0.06	0.04	56.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				98		%
Indium	115-1				107		%
Indium	115-2				89		%
Iron	56-2	7.05	7.64	6.20	6.96	10.43	ppb
Iron	57-2	6.49	3.71	11.91	7.37	56.55	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.02	-0.04	-0.02		ppb
Lead	207-1	-0.02	-0.02	-0.03	-0.02		ppb
Lead	208-1	-0.01	-0.01	-0.02	-0.02		ppb
Lithium	6-1				100		%
Magnesium	24-2	-19.81	-24.53	-27.07	-23.80		ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 19:59:12	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.01	-0.07	0.00	1806.70	ppb
Molybdenum	94-1	0.91	1.29	1.29	1.16	18.73	ppb
Molybdenum	95-1	1.23	1.59	1.76	1.53	17.53	ppb
Molybdenum	96-1	1.35	1.52	1.73	1.53	12.44	ppb
Molybdenum	97-1	1.38	1.51	1.97	1.62	19.02	ppb
Molybdenum	98-1	1.20	1.54	1.85	1.53	21.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.39	-0.63	-0.31	-0.44		ppb
Phosphorus	31-2	-33.94	-33.94	-33.94	-33.94		ppb
Potassium	39-2	-14.74	-40.43	-6.18	-20.45		ppb
Rhodium	103-1				105		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				79		%
Selenium	77-2	8.73	1.08	-6.62	1.06	722.67	ppb
Selenium	78-2	0.17	5.12	1.41	2.23	115.21	ppb
Selenium	82-1	0.91	0.49	0.48	0.62	39.76	ppb
Silicon	28-1	-39.23	-41.71	-43.37	-41.44		ppb
Silver	109-1	0.03	0.04	0.02	0.03	26.53	ppb
Silver	107-1	0.04	0.04	0.06	0.05	15.66	ppb
Sodium	23-2	75.12	75.02	65.92	72.02	7.34	ppb
Strontium	86-1	-0.04	0.01	-0.05	-0.03		ppb
Strontium	88-1	-0.01	-0.01	-0.02	-0.01		ppb
Sulfur	34-1	-1638.43	-1997.40	-2138.83	-1924.89		ppb
Terbium	159-1				113		%
Terbium	159-2				98		%
Thallium	203-1	0.14	0.09	0.09	0.11	27.19	ppb
Thallium	205-1	0.11	0.11	0.09	0.10	13.18	ppb
Tin	118-1	0.25	0.29	0.33	0.29	13.38	ppb
Titanium	47-1	0.20	0.30	0.22	0.24	22.87	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.04	0.01	0.02	0.02	75.63	ppb
Yttrium	89-1				103		%
Yttrium	89-2				86		%
Zinc	66-2	-0.33	0.07	-0.41	-0.22		ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 19:59:12	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.12	0.10	0.10	0.11	6.69	ppb
Zirconium	91-1	0.10	0.14	0.06	0.10	41.11	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-07DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412MS	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:02:36	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2089.65	2173.30	1986.67	2083.21	4.49	ppb
Antimony	121-1	96.42	101.09	101.83	99.78	2.94	ppb
Arsenic	75-2	101.95	103.94	102.70	102.87	0.98	ppb
Barium	135-1	500.98	520.22	520.73	513.97	2.19	ppb
Barium	137-1	496.05	518.84	523.33	512.74	2.85	ppb
Beryllium	9-1	87.10	91.16	90.34	89.53	2.40	ppb
Bismuth	209-1				117		%
Bismuth	209-2				97		%
Boron	10-1	114.82	131.71	126.17	124.23	6.93	ppb
Boron	11-1	118.70	125.46	128.68	124.28	4.10	ppb
Cadmium	111-1	95.82	100.38	100.07	98.76	2.58	ppb
Cadmium	106-1	97.47	98.28	99.05	98.27	0.81	ppb
Cadmium	108-1	97.55	99.24	98.89	98.56	0.90	ppb
Calcium	43-1	29923.45	30744.88	30486.24	30384.86	1.38	ppb
Calcium	44-1	30390.81	31129.80	30906.22	30808.94	1.23	ppb
Chromium	52-2	109.93	112.04	108.78	110.25	1.50	ppb
Cobalt	59-2	112.07	115.22	112.05	113.11	1.61	ppb
Copper	63-2	226.71	234.63	227.06	229.46	1.95	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				114		%
Holmium	165-2				96		%
Indium	115-1				104		%
Indium	115-2				82		%
Iron	56-2	5774.90	5961.72	5787.44	5841.35	1.79	ppb
Iron	57-2	5322.27	5614.26	5364.63	5433.72	2.90	ppb
Krypton	83-1						cps
Lead	206-1	97.77	102.58	101.98	100.78	2.60	ppb
Lead	207-1	96.11	100.61	100.69	99.14	2.64	ppb
Lead	208-1	97.48	102.37	102.34	100.73	2.79	ppb
Lithium	6-1				100		%
Magnesium	24-2	13323.35	13662.99	13130.97	13372.44	2.01	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-07DLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412MS Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 20:02:36 DataFile Name : 054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	268.61	278.27	274.76	273.88	1.79	ppb
Molybdenum	94-1	501.52	529.71	530.82	520.68	3.19	ppb
Molybdenum	95-1	497.05	524.42	518.94	513.47	2.82	ppb
Molybdenum	96-1	501.99	531.68	524.67	519.45	2.99	ppb
Molybdenum	97-1	504.97	531.06	530.52	522.18	2.86	ppb
Molybdenum	98-1	520.47	537.12	537.53	531.71	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.70	116.14	117.09	116.31	0.61	ppb
Phosphorus	31-2	6.30	8.03	-33.94	-6.54		ppb
Potassium	39-2	5351.07	5474.34	5276.26	5367.22	1.86	ppb
Rhodium	103-1				100		%
Rhodium	103-2				87		%
Scandium	45-1				87		%
Scandium	45-2				71		%
Selenium	77-2	86.79	103.04	60.89	83.57	25.44	ppb
Selenium	78-2	118.69	89.53	86.83	98.35	17.96	ppb
Selenium	82-1	99.64	105.21	103.04	102.63	2.74	ppb
Silicon	28-1	1969.56	2066.68	2049.94	2028.73	2.56	ppb
Silver	109-1	96.11	100.96	101.64	99.57	3.03	ppb
Silver	107-1	96.49	101.21	102.60	100.10	3.20	ppb
Sodium	23-2	18450.22	19427.17	18766.84	18881.41	2.64	ppb
Strontium	86-1	221.95	237.85	234.17	231.33	3.60	ppb
Strontium	88-1	234.71	246.84	240.90	240.81	2.52	ppb
Sulfur	34-1	1696.63	2347.34	2192.26	2078.74	16.35	ppb
Terbium	159-1				112		%
Terbium	159-2				95		%
Thallium	203-1	99.89	104.85	103.78	102.84	2.54	ppb
Thallium	205-1	100.83	105.99	105.18	104.00	2.67	ppb
Tin	118-1	93.08	98.07	98.84	96.66	3.24	ppb
Titanium	47-1	499.84	509.23	515.28	508.11	1.53	ppb
Uranium	238-1	105.49	111.30	109.02	108.60	2.69	ppb
Vanadium	51-2	103.45	108.41	103.67	105.18	2.66	ppb
Yttrium	89-1				99		%
Yttrium	89-2				78		%
Zinc	66-2	206.58	219.33	219.59	215.16	3.46	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-07DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412MS	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:02:36	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	101.80	106.02	105.25	104.36	2.15	ppb
Zirconium	91-1	99.37	104.36	103.78	102.50	2.66	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-05ADLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412AC Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 20:05:57 DataFile Name : 055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2075.27	2123.07	2215.14	2137.83	3.33	ppb
Antimony	121-1	96.97	98.09	97.99	97.69	0.64	ppb
Arsenic	75-2	104.02	103.03	104.47	103.84	0.71	ppb
Barium	135-1	503.48	502.26	506.48	504.07	0.43	ppb
Barium	137-1	499.47	502.67	503.46	501.87	0.42	ppb
Beryllium	9-1	86.61	85.77	84.33	85.57	1.35	ppb
Bismuth	209-1				120		%
Bismuth	209-2				96		%
Boron	10-1	117.42	119.65	124.85	120.64	3.16	ppb
Boron	11-1	117.37	120.67	119.98	119.34	1.46	ppb
Cadmium	111-1	96.79	96.64	97.54	96.99	0.50	ppb
Cadmium	106-1	94.69	91.15	95.42	93.76	2.44	ppb
Cadmium	108-1	97.67	97.34	97.64	97.55	0.19	ppb
Calcium	43-1	29013.07	29652.04	29635.00	29433.37	1.24	ppb
Calcium	44-1	29044.54	29661.48	30211.86	29639.29	1.97	ppb
Chromium	52-2	112.60	111.48	114.35	112.81	1.28	ppb
Cobalt	59-2	115.09	113.19	117.29	115.19	1.78	ppb
Copper	63-2	237.22	229.42	238.03	234.89	2.02	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				118		%
Holmium	165-2				95		%
Indium	115-1				105		%
Indium	115-2				81		%
Iron	56-2	5909.61	5843.20	5917.41	5890.08	0.69	ppb
Iron	57-2	5545.47	5466.04	5689.26	5566.92	2.03	ppb
Krypton	83-1						cps
Lead	206-1	99.90	100.60	100.50	100.33	0.37	ppb
Lead	207-1	98.69	99.56	98.36	98.87	0.63	ppb
Lead	208-1	99.69	100.68	100.26	100.21	0.50	ppb
Lithium	6-1				104		%
Magnesium	24-2	13700.69	13477.17	13799.92	13659.26	1.21	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-05ADLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412AC Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 20:05:57 DataFile Name : 055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	276.84	271.96	280.60	276.47	1.57	ppb
Molybdenum	94-1	513.28	517.39	515.69	515.45	0.40	ppb
Molybdenum	95-1	509.58	512.85	508.45	510.29	0.45	ppb
Molybdenum	96-1	513.18	519.08	511.15	514.47	0.80	ppb
Molybdenum	97-1	513.60	518.77	518.62	517.00	0.57	ppb
Molybdenum	98-1	533.77	531.09	523.89	529.58	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	118.16	117.70	120.40	118.75	1.21	ppb
Phosphorus	31-2	-33.94	47.99	-33.94	-6.63		ppb
Potassium	39-2	5451.18	5394.33	5457.06	5434.19	0.64	ppb
Rhodium	103-1				103		%
Rhodium	103-2				86		%
Scandium	45-1				90		%
Scandium	45-2				69		%
Selenium	77-2	70.11	87.49	53.72	70.44	23.97	ppb
Selenium	78-2	87.75	101.76	115.00	101.50	13.43	ppb
Selenium	82-1	101.97	104.67	102.27	102.97	1.44	ppb
Silicon	28-1	2072.72	2016.78	2012.70	2034.07	1.65	ppb
Silver	109-1	98.14	97.60	98.57	98.10	0.49	ppb
Silver	107-1	97.85	99.59	98.34	98.60	0.91	ppb
Sodium	23-2	19445.33	19034.92	19456.72	19312.32	1.24	ppb
Strontium	86-1	228.48	228.16	231.13	229.26	0.71	ppb
Strontium	88-1	239.95	241.52	237.88	239.78	0.76	ppb
Sulfur	34-1	1219.11	1340.18	1440.03	1333.11	8.30	ppb
Terbium	159-1				115		%
Terbium	159-2				94		%
Thallium	203-1	100.53	101.76	102.46	101.58	0.96	ppb
Thallium	205-1	102.48	103.85	103.17	103.17	0.66	ppb
Tin	118-1	94.48	94.94	96.11	95.18	0.88	ppb
Titanium	47-1	489.98	488.14	499.98	492.70	1.29	ppb
Uranium	238-1	107.01	108.71	109.45	108.39	1.15	ppb
Vanadium	51-2	107.14	107.46	109.48	108.03	1.17	ppb
Yttrium	89-1				101		%
Yttrium	89-2				77		%
Zinc	66-2	221.73	215.04	224.17	220.31	2.14	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-05ADLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412AC	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:05:57	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	103.02	102.63	103.41	103.02	0.38	ppb
Zirconium	91-1	99.91	101.61	100.25	100.59	0.89	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-08DLX5 Instrumnet Name : P8
 Client Sample ID : DUP-0442-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 20:09:20 DataFile Name : 056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.36	11.58	8.55	11.50	25.26	ppb
Antimony	121-1	0.35	0.41	0.40	0.39	7.45	ppb
Arsenic	75-2	0.91	0.96	0.67	0.84	18.28	ppb
Barium	135-1	26.74	26.97	26.96	26.89	0.49	ppb
Barium	137-1	27.20	27.77	26.97	27.31	1.51	ppb
Beryllium	9-1	0.18	0.23	0.25	0.22	17.57	ppb
Bismuth	209-1				121		%
Bismuth	209-2				97		%
Boron	10-1	69.96	69.44	71.66	70.35	1.65	ppb
Boron	11-1	69.13	69.45	68.78	69.12	0.49	ppb
Cadmium	111-1	-0.13	-0.05	-0.10	-0.09		ppb
Cadmium	106-1	-1.99	-1.00	-1.50	-1.50		ppb
Cadmium	108-1	0.10	-0.03	-0.07	0.00		ppb
Calcium	43-1	24984.54	24903.75	24332.94	24740.41	1.44	ppb
Calcium	44-1	25243.96	25478.48	24755.16	25159.20	1.47	ppb
Chromium	52-2	0.10	0.13	0.25	0.16	51.02	ppb
Cobalt	59-2	0.39	0.44	0.37	0.40	9.04	ppb
Copper	63-2	0.23	0.25	0.25	0.24	5.53	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				117		%
Holmium	165-2				95		%
Indium	115-1				107		%
Indium	115-2				82		%
Iron	56-2	2592.63	2590.28	2609.92	2597.61	0.41	ppb
Iron	57-2	2491.49	2560.32	2507.97	2519.93	1.43	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.00	0.01	69.19	ppb
Lead	207-1	-0.01	-0.01	0.00	0.00		ppb
Lead	208-1	0.00	0.00	0.01	0.00	241.63	ppb
Lithium	6-1				103		%
Magnesium	24-2	4751.90	4657.19	4603.32	4670.81	1.61	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-08DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP-0442-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:09:20	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	144.24	145.58	144.62	144.81	0.48	ppb
Molybdenum	94-1	0.99	1.09	1.24	1.11	11.41	ppb
Molybdenum	95-1	1.08	1.19	1.35	1.21	11.45	ppb
Molybdenum	96-1	0.98	1.20	1.26	1.14	13.12	ppb
Molybdenum	97-1	1.05	1.22	1.31	1.19	11.20	ppb
Molybdenum	98-1	1.10	1.28	1.27	1.22	8.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.08	-0.16	-0.11		ppb
Phosphorus	31-2	-33.94	-33.94	-33.94	-33.94		ppb
Potassium	39-2	303.00	290.06	242.16	278.41	11.51	ppb
Rhodium	103-1				103		%
Rhodium	103-2				87		%
Scandium	45-1				88		%
Scandium	45-2				70		%
Selenium	77-2	-6.62	-6.62	-6.62	-6.62		ppb
Selenium	78-2	0.30	0.32	0.31	0.31	3.33	ppb
Selenium	82-1	0.20	0.87	0.17	0.41	94.93	ppb
Silicon	28-1	2079.17	2071.25	2000.88	2050.43	2.10	ppb
Silver	109-1	0.04	0.04	0.05	0.04	17.05	ppb
Silver	107-1	0.05	0.05	0.06	0.05	14.45	ppb
Sodium	23-2	8612.80	8655.49	8754.80	8674.37	0.84	ppb
Strontium	86-1	125.44	126.57	125.17	125.73	0.59	ppb
Strontium	88-1	130.74	132.32	131.40	131.49	0.60	ppb
Sulfur	34-1	-2317.82	-2288.12	-2878.39	-2494.78		ppb
Terbium	159-1				115		%
Terbium	159-2				94		%
Thallium	203-1	0.01	0.02	0.02	0.02	37.32	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	60.42	ppb
Tin	118-1	0.37	0.32	0.38	0.36	8.92	ppb
Titanium	47-1	0.33	0.26	0.34	0.31	13.14	ppb
Uranium	238-1	0.03	0.03	0.04	0.03	13.16	ppb
Vanadium	51-2	0.08	0.16	0.11	0.12	35.01	ppb
Yttrium	89-1				101		%
Yttrium	89-2				77		%
Zinc	66-2	0.29	0.55	0.54	0.46	31.76	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-08DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP-0442-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:09:20	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.19	0.19	0.18	0.19	3.43	ppb
Zirconium	91-1	0.17	0.23	0.18	0.19	17.73	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-10DLX5 Instrumnet Name : P8
 Client Sample ID : LF014RW041-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 20:12:43 DataFile Name : 057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52.92	59.57	58.62	57.04	6.30	ppb
Antimony	121-1	0.30	0.31	0.40	0.34	15.57	ppb
Arsenic	75-2	1.39	1.40	1.02	1.27	17.12	ppb
Barium	135-1	36.79	37.24	36.45	36.83	1.08	ppb
Barium	137-1	36.60	36.40	36.59	36.53	0.31	ppb
Beryllium	9-1	0.20	0.14	0.13	0.15	24.42	ppb
Bismuth	209-1				121		%
Bismuth	209-2				97		%
Boron	10-1	30.50	30.51	28.47	29.83	3.93	ppb
Boron	11-1	33.63	28.36	30.74	30.91	8.53	ppb
Cadmium	111-1	-0.05	0.00	0.05	0.00		ppb
Cadmium	106-1	-2.02	-2.00	-0.80	-1.61		ppb
Cadmium	108-1	0.24	0.15	-0.03	0.12	113.54	ppb
Calcium	43-1	21726.90	21654.78	21787.16	21722.95	0.31	ppb
Calcium	44-1	22055.55	21932.65	22543.01	22177.07	1.46	ppb
Chromium	52-2	0.10	0.15	0.16	0.14	26.14	ppb
Cobalt	59-2	0.32	0.27	0.34	0.31	11.62	ppb
Copper	63-2	0.40	0.35	0.27	0.34	18.82	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				116		%
Holmium	165-2				95		%
Indium	115-1				107		%
Indium	115-2				81		%
Iron	56-2	501.53	474.97	488.22	488.24	2.72	ppb
Iron	57-2	457.43	455.67	480.15	464.42	2.94	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.05	0.06	17.81	ppb
Lead	207-1	0.04	0.04	0.05	0.04	12.82	ppb
Lead	208-1	0.06	0.05	0.05	0.05	12.19	ppb
Lithium	6-1				103		%
Magnesium	24-2	2018.12	1888.90	1918.80	1941.94	3.48	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-10DLX5 Instrumnet Name : P8
 Client Sample ID : LF014RW041-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 20:12:43 DataFile Name : 057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	433.47	413.32	430.93	425.91	2.58	ppb
Molybdenum	94-1	0.63	0.48	0.43	0.51	19.72	ppb
Molybdenum	95-1	0.25	0.43	0.47	0.38	30.47	ppb
Molybdenum	96-1	0.35	0.44	0.49	0.43	17.61	ppb
Molybdenum	97-1	0.33	0.33	0.49	0.38	23.43	ppb
Molybdenum	98-1	0.35	0.45	0.48	0.42	16.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	0.51	1.20	0.90	39.28	ppb
Phosphorus	31-2	9.08	7.28	51.37	22.58	110.50	ppb
Potassium	39-2	2336.83	2306.88	2227.24	2290.32	2.47	ppb
Rhodium	103-1				102		%
Rhodium	103-2				86		%
Scandium	45-1				89		%
Scandium	45-2				68		%
Selenium	77-2	-6.62	-6.62	-6.62	-6.62		ppb
Selenium	78-2	-1.06	0.33	-1.06	-0.59		ppb
Selenium	82-1	-0.33	0.25	0.65	0.19	264.90	ppb
Silicon	28-1	1963.48	1961.54	2025.43	1983.49	1.83	ppb
Silver	109-1	0.03	0.03	0.04	0.03	7.91	ppb
Silver	107-1	0.02	0.05	0.05	0.04	38.83	ppb
Sodium	23-2	4213.59	4011.39	4167.82	4130.93	2.57	ppb
Strontium	86-1	82.54	83.42	84.54	83.50	1.20	ppb
Strontium	88-1	84.50	84.09	85.57	84.72	0.90	ppb
Sulfur	34-1	-423.51	-725.76	-155.51	-434.93		ppb
Terbium	159-1				114		%
Terbium	159-2				93		%
Thallium	203-1	0.01	0.00	-0.01	0.00		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.31	0.32	0.41	0.34	15.70	ppb
Titanium	47-1	0.57	1.00	0.79	0.79	27.62	ppb
Uranium	238-1	0.16	0.13	0.14	0.15	10.95	ppb
Vanadium	51-2	0.38	0.33	0.40	0.37	9.90	ppb
Yttrium	89-1				100		%
Yttrium	89-2				77		%
Zinc	66-2	39.08	35.92	35.69	36.90	5.13	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-10DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014RW041-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:12:43	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.15	0.12	0.13	0.13	10.44	ppb
Zirconium	91-1	0.22	0.20	0.22	0.21	5.80	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-11DLX5 Instrumnet Name : P8
 Client Sample ID : LF014RW040-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 20:16:07 DataFile Name : 058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30.14	20.71	27.40	26.08	18.60	ppb
Antimony	121-1	0.26	0.25	0.25	0.25	2.28	ppb
Arsenic	75-2	0.84	1.32	0.96	1.04	24.19	ppb
Barium	135-1	13.34	12.49	12.82	12.88	3.34	ppb
Barium	137-1	13.56	12.35	12.42	12.78	5.33	ppb
Beryllium	9-1	0.17	0.07	0.13	0.13	39.09	ppb
Bismuth	209-1				117		%
Bismuth	209-2				97		%
Boron	10-1	47.55	47.49	45.53	46.85	2.45	ppb
Boron	11-1	43.91	41.53	45.82	43.75	4.92	ppb
Cadmium	111-1	-0.04	-0.05	-0.10	-0.07		ppb
Cadmium	106-1	-1.48	-1.76	-1.96	-1.73		ppb
Cadmium	108-1	0.03	-0.07	0.02	-0.01		ppb
Calcium	43-1	27465.73	25764.74	25637.92	26289.46	3.88	ppb
Calcium	44-1	27906.17	26476.21	25657.37	26679.91	4.27	ppb
Chromium	52-2	0.04	0.26	0.24	0.18	69.22	ppb
Cobalt	59-2	0.15	0.19	0.15	0.16	12.86	ppb
Copper	63-2	0.67	0.76	0.71	0.71	6.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				94		%
Indium	115-1				104		%
Indium	115-2				81		%
Iron	56-2	91.56	90.82	92.70	91.69	1.03	ppb
Iron	57-2	78.68	83.70	87.33	83.24	5.22	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.04	0.01	0.03	63.87	ppb
Lead	207-1	0.04	0.01	0.02	0.02	69.16	ppb
Lead	208-1	0.03	0.03	0.03	0.03	9.37	ppb
Lithium	6-1				100		%
Magnesium	24-2	2871.67	2771.68	2916.27	2853.21	2.60	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-11DLX5 Instrumnet Name : P8
 Client Sample ID : LF014RW040-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 20:16:07 DataFile Name : 058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	24.14	22.51	24.39	23.68	4.30	ppb
Molybdenum	94-1	0.42	0.50	0.60	0.51	18.09	ppb
Molybdenum	95-1	0.43	0.44	0.54	0.47	13.11	ppb
Molybdenum	96-1	0.53	0.44	0.46	0.48	9.40	ppb
Molybdenum	97-1	0.39	0.55	0.60	0.51	21.79	ppb
Molybdenum	98-1	0.55	0.51	0.62	0.56	9.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.32	0.32	0.20	108.72	ppb
Phosphorus	31-2	-33.94	-33.94	-33.94	-33.94		ppb
Potassium	39-2	701.22	847.09	772.55	773.62	9.43	ppb
Rhodium	103-1				100		%
Rhodium	103-2				86		%
Scandium	45-1				85		%
Scandium	45-2				69		%
Selenium	77-2	-6.62	-6.62	-6.62	-6.62		ppb
Selenium	78-2	1.74	-1.06	-1.06	-0.12		ppb
Selenium	82-1	1.18	0.85	0.62	0.88	31.73	ppb
Silicon	28-1	1864.64	1772.58	1716.15	1784.46	4.20	ppb
Silver	109-1	0.04	0.04	0.04	0.04	5.66	ppb
Silver	107-1	0.05	0.03	0.03	0.04	28.74	ppb
Sodium	23-2	7591.19	7443.40	7629.26	7554.62	1.30	ppb
Strontium	86-1	139.20	132.72	130.85	134.26	3.27	ppb
Strontium	88-1	146.78	137.81	135.73	140.11	4.19	ppb
Sulfur	34-1	3715.36	2384.57	1819.98	2639.97	36.86	ppb
Terbium	159-1				111		%
Terbium	159-2				94		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.27	0.23	0.26	0.25	7.91	ppb
Titanium	47-1	0.57	0.37	0.33	0.42	30.24	ppb
Uranium	238-1	1.18	1.16	1.10	1.15	3.61	ppb
Vanadium	51-2	0.20	0.25	0.16	0.20	21.80	ppb
Yttrium	89-1				98		%
Yttrium	89-2				77		%
Zinc	66-2	48.74	47.92	46.93	47.86	1.89	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-11DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014RW040-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:16:07	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.08	0.07	0.08	16.47	ppb
Zirconium	91-1	0.10	0.11	0.11	0.10	3.75	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-12DLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW026-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 20:19:31 DataFile Name : 059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.71	5.85	2.61	3.72	49.42	ppb
Antimony	121-1	0.21	0.20	0.22	0.21	3.75	ppb
Arsenic	75-2	0.27	0.23	0.30	0.27	11.54	ppb
Barium	135-1	14.74	15.02	14.49	14.75	1.77	ppb
Barium	137-1	14.51	14.86	14.94	14.77	1.56	ppb
Beryllium	9-1	0.08	0.02	0.07	0.05	58.64	ppb
Bismuth	209-1				119		%
Bismuth	209-2				97		%
Boron	10-1	33.70	34.31	31.39	33.13	4.64	ppb
Boron	11-1	32.76	35.30	36.01	34.69	4.92	ppb
Cadmium	111-1	-0.06	-0.19	-0.11	-0.12		ppb
Cadmium	106-1	-0.70	-2.40	-1.41	-1.50		ppb
Cadmium	108-1	-0.12	0.11	0.02	0.00	5265.30	ppb
Calcium	43-1	22171.41	21959.37	21791.54	21974.11	0.87	ppb
Calcium	44-1	22573.73	22625.30	22219.08	22472.71	0.98	ppb
Chromium	52-2	0.28	0.13	0.23	0.21	37.40	ppb
Cobalt	59-2	-0.01	-0.01	-0.03	-0.02		ppb
Copper	63-2	0.19	0.18	0.12	0.16	22.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				94		%
Indium	115-1				105		%
Indium	115-2				81		%
Iron	56-2	4.58	4.93	4.94	4.82	4.32	ppb
Iron	57-2	-0.88	0.02	-1.81	-0.89		ppb
Krypton	83-1						cps
Lead	206-1	-0.04	-0.05	-0.04	-0.04		ppb
Lead	207-1	-0.04	-0.05	-0.06	-0.05		ppb
Lead	208-1	-0.04	-0.04	-0.04	-0.04		ppb
Lithium	6-1				100		%
Magnesium	24-2	1936.05	2023.79	1869.70	1943.18	3.98	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-12DLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW026-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 20:19:31 DataFile Name : 059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.34	0.25	0.21	0.27	24.29	ppb
Molybdenum	94-1	0.18	0.07	0.16	0.14	41.01	ppb
Molybdenum	95-1	0.13	0.16	0.18	0.15	15.29	ppb
Molybdenum	96-1	0.12	0.15	0.18	0.15	22.35	ppb
Molybdenum	97-1	0.12	0.19	0.16	0.16	20.48	ppb
Molybdenum	98-1	0.13	0.18	0.17	0.16	17.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.33	-0.24	-0.29	-0.29		ppb
Phosphorus	31-2	-33.94	-33.94	-33.94	-33.94		ppb
Potassium	39-2	339.19	376.79	356.98	357.65	5.26	ppb
Rhodium	103-1				101		%
Rhodium	103-2				86		%
Scandium	45-1				88		%
Scandium	45-2				68		%
Selenium	77-2	-6.62	-6.62	-6.62	-6.62		ppb
Selenium	78-2	-1.06	-1.06	-1.06	-1.06		ppb
Selenium	82-1	1.10	0.73	0.85	0.89	21.18	ppb
Silicon	28-1	2007.54	1970.68	1982.86	1987.02	0.95	ppb
Silver	109-1	0.03	0.03	0.03	0.03	13.55	ppb
Silver	107-1	0.01	0.03	0.03	0.02	33.78	ppb
Sodium	23-2	4417.97	4538.86	4435.83	4464.22	1.46	ppb
Strontium	86-1	114.25	112.80	113.27	113.44	0.65	ppb
Strontium	88-1	117.97	119.05	118.83	118.62	0.48	ppb
Sulfur	34-1	-906.38	-1092.50	-932.42	-977.10		ppb
Terbium	159-1				112		%
Terbium	159-2				93		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.25	0.16	0.22	0.21	21.55	ppb
Titanium	47-1	0.06	0.16	0.13	0.11	43.83	ppb
Uranium	238-1	0.24	0.25	0.25	0.25	2.54	ppb
Vanadium	51-2	0.30	0.47	0.40	0.39	21.29	ppb
Yttrium	89-1				99		%
Yttrium	89-2				77		%
Zinc	66-2	1.27	1.28	1.14	1.23	6.27	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-12DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW026-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:19:31	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.04	0.04	0.04	4.33	ppb
Zirconium	91-1	0.04	0.04	0.06	0.05	19.71	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-14DLX5 Instrumnet Name : P8
 Client Sample ID : LF014RW132-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 20:22:54 DataFile Name : 060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.09	12.15	5.55	11.93	52.58	ppb
Antimony	121-1	0.22	0.24	0.26	0.24	6.63	ppb
Arsenic	75-2	7.46	6.71	6.10	6.76	10.10	ppb
Barium	135-1	68.40	68.01	68.90	68.44	0.66	ppb
Barium	137-1	67.31	68.15	68.83	68.10	1.12	ppb
Beryllium	9-1	0.04	0.05	0.07	0.05	25.52	ppb
Bismuth	209-1				117		%
Bismuth	209-2				96		%
Boron	10-1	70.25	71.66	72.81	71.57	1.79	ppb
Boron	11-1	69.37	67.34	72.48	69.73	3.72	ppb
Cadmium	111-1	-0.12	-0.18	-0.15	-0.15		ppb
Cadmium	106-1	-1.72	-2.37	-2.03	-2.04		ppb
Cadmium	108-1	-0.07	-0.12	0.15	-0.01		ppb
Calcium	43-1	34585.41	34568.28	34752.23	34635.31	0.29	ppb
Calcium	44-1	35190.62	34916.72	35211.44	35106.26	0.47	ppb
Chromium	52-2	0.16	0.36	0.23	0.25	42.54	ppb
Cobalt	59-2	0.12	0.08	0.05	0.08	46.47	ppb
Copper	63-2	0.17	0.17	0.21	0.18	12.74	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				114		%
Holmium	165-2				94		%
Indium	115-1				104		%
Indium	115-2				81		%
Iron	56-2	3571.23	3638.80	3509.14	3573.05	1.81	ppb
Iron	57-2	3438.09	3526.04	3403.05	3455.73	1.83	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.01	0.03	0.02	57.57	ppb
Lead	207-1	-0.01	0.02	0.00	0.00	763.98	ppb
Lead	208-1	0.02	0.02	0.03	0.02	19.08	ppb
Lithium	6-1				99		%
Magnesium	24-2	4635.35	4644.13	4588.43	4622.64	0.65	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-14DLX5 Instrumnet Name : P8
 Client Sample ID : LF014RW132-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 20:22:54 DataFile Name : 060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	136.60	139.84	134.38	136.94	2.01	ppb
Molybdenum	94-1	0.32	0.33	0.35	0.33	3.97	ppb
Molybdenum	95-1	0.37	0.40	0.37	0.38	4.16	ppb
Molybdenum	96-1	0.39	0.26	0.37	0.34	21.12	ppb
Molybdenum	97-1	0.25	0.25	0.42	0.31	32.22	ppb
Molybdenum	98-1	0.31	0.29	0.36	0.32	11.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.20	-0.41	-0.19	-0.27		ppb
Phosphorus	31-2	50.75	51.94	-33.94	22.92	214.86	ppb
Potassium	39-2	818.03	835.94	788.11	814.03	2.97	ppb
Rhodium	103-1				99		%
Rhodium	103-2				86		%
Scandium	45-1				86		%
Scandium	45-2				68		%
Selenium	77-2	-6.62	-6.62	-6.62	-6.62		ppb
Selenium	78-2	-1.06	-1.06	-1.06	-1.06		ppb
Selenium	82-1	0.97	0.89	1.95	1.27	46.72	ppb
Silicon	28-1	2111.41	2075.61	2100.13	2095.72	0.87	ppb
Silver	109-1	0.02	0.01	0.03	0.02	41.40	ppb
Silver	107-1	0.03	0.03	0.03	0.03	10.20	ppb
Sodium	23-2	17889.90	18283.65	17798.53	17990.69	1.43	ppb
Strontium	86-1	163.17	160.38	160.35	161.30	1.00	ppb
Strontium	88-1	171.28	168.74	170.03	170.02	0.74	ppb
Sulfur	34-1	-938.79	-1740.03	-1606.29	-1428.37		ppb
Terbium	159-1				111		%
Terbium	159-2				93		%
Thallium	203-1	-0.01	-0.02	-0.03	-0.02		ppb
Thallium	205-1	-0.03	-0.04	-0.04	-0.04		ppb
Tin	118-1	0.26	0.20	0.26	0.24	13.55	ppb
Titanium	47-1	0.26	0.19	0.18	0.21	20.07	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	21.40	ppb
Vanadium	51-2	0.09	0.17	0.09	0.12	36.80	ppb
Yttrium	89-1				98		%
Yttrium	89-2				77		%
Zinc	66-2	2.20	2.54	2.18	2.31	8.75	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-14DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014RW132-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:22:54	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.08	0.04	0.06	26.23	ppb
Zirconium	91-1	0.06	0.03	0.07	0.05	45.68	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-15DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW015-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:26:18	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.05	15.40	11.52	11.99	26.68	ppb
Antimony	121-1	0.25	0.22	0.24	0.24	6.02	ppb
Arsenic	75-2	9.00	9.01	8.97	8.99	0.23	ppb
Barium	135-1	176.57	177.60	176.18	176.78	0.42	ppb
Barium	137-1	176.25	176.93	176.15	176.45	0.24	ppb
Beryllium	9-1	0.15	0.03	0.03	0.07	101.79	ppb
Bismuth	209-1				118		%
Bismuth	209-2				96		%
Boron	10-1	45.42	47.72	45.16	46.10	3.05	ppb
Boron	11-1	50.13	47.41	49.69	49.08	2.97	ppb
Cadmium	111-1	-0.19	-0.13	-0.17	-0.17		ppb
Cadmium	106-1	-2.52	-1.72	-2.24	-2.16		ppb
Cadmium	108-1	-0.07	-0.12	-0.03	-0.07		ppb
Calcium	43-1	21148.89	21249.67	20968.24	21122.27	0.68	ppb
Calcium	44-1	21596.93	21953.63	21222.62	21591.06	1.69	ppb
Chromium	52-2	0.11	0.14	0.07	0.10	32.93	ppb
Cobalt	59-2	0.50	0.49	0.40	0.46	12.16	ppb
Copper	63-2	0.25	0.22	0.16	0.21	23.08	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				115		%
Holmium	165-2				94		%
Indium	115-1				104		%
Indium	115-2				80		%
Iron	56-2	2747.00	2797.88	2665.03	2736.63	2.45	ppb
Iron	57-2	2702.11	2741.05	2622.74	2688.63	2.24	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.00	0.00		ppb
Lead	207-1	-0.02	-0.01	-0.02	-0.02		ppb
Lead	208-1	0.00	-0.01	0.00	0.00		ppb
Lithium	6-1				100		%
Magnesium	24-2	2945.91	2951.79	2778.41	2892.03	3.40	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-15DLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW015-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 20:26:18 DataFile Name : 061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	281.87	285.53	277.87	281.76	1.36	ppb
Molybdenum	94-1	0.48	0.44	0.57	0.50	13.47	ppb
Molybdenum	95-1	0.67	0.72	0.66	0.68	5.05	ppb
Molybdenum	96-1	0.61	0.79	0.73	0.71	12.91	ppb
Molybdenum	97-1	0.69	0.72	0.64	0.68	5.85	ppb
Molybdenum	98-1	0.71	0.66	0.74	0.70	5.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.30	0.99	0.43	0.57	64.28	ppb
Phosphorus	31-2	9.10	-33.94	-33.94	-19.59		ppb
Potassium	39-2	607.87	688.09	642.81	646.26	6.22	ppb
Rhodium	103-1				101		%
Rhodium	103-2				86		%
Scandium	45-1				86		%
Scandium	45-2				68		%
Selenium	77-2	2.12	-6.62	-6.62	-3.71		ppb
Selenium	78-2	1.74	0.32	0.34	0.80	102.01	ppb
Selenium	82-1	0.91	0.78	0.76	0.82	10.38	ppb
Silicon	28-1	2351.85	2405.16	2352.13	2369.71	1.30	ppb
Silver	109-1	0.01	0.03	0.02	0.02	54.44	ppb
Silver	107-1	0.03	0.03	0.03	0.03	3.50	ppb
Sodium	23-2	7767.68	7833.67	7429.32	7676.89	2.83	ppb
Strontium	86-1	131.28	133.50	132.16	132.31	0.84	ppb
Strontium	88-1	136.36	138.97	140.43	138.59	1.49	ppb
Sulfur	34-1	-772.39	-1151.99	-1398.25	-1107.54		ppb
Terbium	159-1				112		%
Terbium	159-2				93		%
Thallium	203-1	-0.01	-0.03	-0.02	-0.02		ppb
Thallium	205-1	-0.03	-0.04	-0.03	-0.03		ppb
Tin	118-1	0.19	0.15	0.16	0.17	10.93	ppb
Titanium	47-1	0.22	0.20	0.26	0.23	14.08	ppb
Uranium	238-1	-0.01	-0.01	-0.02	-0.01		ppb
Vanadium	51-2	0.08	0.06	0.12	0.09	36.65	ppb
Yttrium	89-1				99		%
Yttrium	89-2				76		%
Zinc	66-2	1.35	2.06	0.88	1.43	41.75	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-15DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW015-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:26:18	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.05	0.05	0.05	11.13	ppb
Zirconium	91-1	0.08	0.05	0.08	0.07	21.12	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-16DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW009-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:29:41	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.98	26.63	29.64	24.75	24.45	ppb
Antimony	121-1	0.21	0.20	0.23	0.22	6.96	ppb
Arsenic	75-2	0.17	0.30	0.20	0.22	29.49	ppb
Barium	135-1	16.00	15.80	15.75	15.85	0.84	ppb
Barium	137-1	15.94	15.93	16.08	15.98	0.52	ppb
Beryllium	9-1	0.05	0.12	0.16	0.11	49.20	ppb
Bismuth	209-1				117		%
Bismuth	209-2				96		%
Boron	10-1	254.33	253.92	254.37	254.21	0.10	ppb
Boron	11-1	256.52	260.39	268.82	261.91	2.40	ppb
Cadmium	111-1	-0.15	-0.13	-0.09	-0.13		ppb
Cadmium	106-1	-2.08	-1.83	-1.44	-1.78		ppb
Cadmium	108-1	-0.03	-0.03	-0.07	-0.04		ppb
Calcium	43-1	40886.84	39695.67	39581.24	40054.58	1.81	ppb
Calcium	44-1	41705.05	40893.28	40315.76	40971.36	1.70	ppb
Chromium	52-2	0.09	0.07	0.15	0.10	39.28	ppb
Cobalt	59-2	0.34	0.29	0.32	0.32	9.28	ppb
Copper	63-2	0.52	0.60	0.46	0.53	13.28	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				115		%
Holmium	165-2				94		%
Indium	115-1				104		%
Indium	115-2				81		%
Iron	56-2	68.07	68.37	68.04	68.16	0.27	ppb
Iron	57-2	64.35	58.86	68.14	63.78	7.31	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.06	0.04	0.05	16.90	ppb
Lead	207-1	0.07	0.05	0.03	0.05	40.82	ppb
Lead	208-1	0.07	0.05	0.05	0.06	16.59	ppb
Lithium	6-1				98		%
Magnesium	24-2	8892.50	8700.64	8790.52	8794.55	1.09	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-16DLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW009-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 20:29:41 DataFile Name : 062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	118.79	116.12	115.11	116.67	1.63	ppb
Molybdenum	94-1	0.46	0.44	0.48	0.46	4.10	ppb
Molybdenum	95-1	0.08	0.08	0.07	0.08	5.96	ppb
Molybdenum	96-1	0.14	0.17	0.14	0.15	13.73	ppb
Molybdenum	97-1	0.03	0.10	0.14	0.09	57.19	ppb
Molybdenum	98-1	0.08	0.07	0.11	0.09	27.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.62	1.73	1.46	26.11	ppb
Phosphorus	31-2	-33.94	7.40	-33.94	-20.16		ppb
Potassium	39-2	802.60	771.17	788.77	787.51	2.00	ppb
Rhodium	103-1				99		%
Rhodium	103-2				85		%
Scandium	45-1				86		%
Scandium	45-2				69		%
Selenium	77-2	-6.62	1.99	-6.62	-3.75		ppb
Selenium	78-2	0.32	-1.06	0.32	-0.14		ppb
Selenium	82-1	0.97	1.94	1.16	1.36	38.08	ppb
Silicon	28-1	1544.84	1504.59	1463.55	1504.33	2.70	ppb
Silver	109-1	0.02	0.01	0.03	0.02	44.08	ppb
Silver	107-1	0.02	0.03	0.02	0.02	8.97	ppb
Sodium	23-2	64899.25	64581.49	63988.60	64489.78	0.72	ppb
Strontium	86-1	212.18	213.08	211.88	212.38	0.29	ppb
Strontium	88-1	224.04	222.53	221.73	222.77	0.53	ppb
Sulfur	34-1	25959.10	24728.93	24918.74	25202.26	2.63	ppb
Terbium	159-1				112		%
Terbium	159-2				93		%
Thallium	203-1	-0.03	-0.02	-0.04	-0.03		ppb
Thallium	205-1	-0.03	-0.02	-0.03	-0.03		ppb
Tin	118-1	0.18	0.21	0.20	0.20	7.49	ppb
Titanium	47-1	0.49	0.31	0.33	0.38	25.37	ppb
Uranium	238-1	0.29	0.29	0.27	0.28	3.11	ppb
Vanadium	51-2	0.21	0.19	0.15	0.18	17.41	ppb
Yttrium	89-1				99		%
Yttrium	89-2				77		%
Zinc	66-2	3.90	3.14	3.96	3.66	12.42	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-16DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW009-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:29:41	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.23	0.23	0.23	0.23	1.50	ppb
Zirconium	91-1	0.19	0.17	0.22	0.19	12.49	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-17DLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW130-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 20:33:04 DataFile Name : 063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.12	2.69	2.54	4.78	78.56	ppb
Antimony	121-1	0.14	0.20	0.18	0.17	16.98	ppb
Arsenic	75-2	0.14	0.14	0.14	0.14	1.01	ppb
Barium	135-1	13.83	14.86	12.86	13.85	7.22	ppb
Barium	137-1	13.98	15.07	13.91	14.32	4.54	ppb
Beryllium	9-1	0.04	0.02	0.06	0.04	56.14	ppb
Bismuth	209-1				115		%
Bismuth	209-2				96		%
Boron	10-1	39.00	44.35	43.06	42.13	6.62	ppb
Boron	11-1	42.98	42.26	39.07	41.44	5.02	ppb
Cadmium	111-1	-0.14	-0.16	-0.15	-0.15		ppb
Cadmium	106-1	-1.79	-2.13	-1.88	-1.93		ppb
Cadmium	108-1	0.02	-0.07	-0.07	-0.04		ppb
Calcium	43-1	21458.58	22809.46	21832.95	22033.66	3.17	ppb
Calcium	44-1	22242.74	23409.16	22525.82	22725.90	2.68	ppb
Chromium	52-2	0.15	0.10	0.23	0.16	39.30	ppb
Cobalt	59-2	0.00	0.01	-0.02	0.00		ppb
Copper	63-2	0.22	0.18	0.09	0.16	42.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				94		%
Indium	115-1				101		%
Indium	115-2				81		%
Iron	56-2	2.89	2.99	2.79	2.89	3.46	ppb
Iron	57-2	-0.79	3.43	3.19	1.94	121.86	ppb
Krypton	83-1						cps
Lead	206-1	-0.04	-0.04	-0.05	-0.04		ppb
Lead	207-1	-0.04	-0.03	-0.04	-0.04		ppb
Lead	208-1	-0.04	-0.03	-0.03	-0.03		ppb
Lithium	6-1				96		%
Magnesium	24-2	1872.01	1775.54	1832.89	1826.81	2.66	ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-17DLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW130-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 20:33:04 DataFile Name : 063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.26	0.13	0.12	0.17	45.38	ppb
Molybdenum	94-1	0.13	0.14	0.12	0.13	9.67	ppb
Molybdenum	95-1	0.09	0.08	0.10	0.09	11.21	ppb
Molybdenum	96-1	0.13	0.08	0.11	0.11	24.20	ppb
Molybdenum	97-1	0.04	0.09	0.12	0.08	45.67	ppb
Molybdenum	98-1	0.15	0.13	0.15	0.14	9.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.23	-0.07	-0.27	-0.19		ppb
Phosphorus	31-2	-33.94	8.43	-33.94	-19.81		ppb
Potassium	39-2	386.46	331.43	374.35	364.08	7.94	ppb
Rhodium	103-1				98		%
Rhodium	103-2				86		%
Scandium	45-1				84		%
Scandium	45-2				68		%
Selenium	77-2	-6.62	-6.62	-6.62	-6.62		ppb
Selenium	78-2	0.33	1.73	0.32	0.79	102.24	ppb
Selenium	82-1	0.66	0.85	1.25	0.92	32.75	ppb
Silicon	28-1	1935.51	2050.26	1964.59	1983.45	3.01	ppb
Silver	109-1	0.02	0.03	0.03	0.03	6.63	ppb
Silver	107-1	0.03	0.04	0.02	0.03	23.55	ppb
Sodium	23-2	4415.01	4270.14	4163.36	4282.83	2.95	ppb
Strontium	86-1	110.58	118.23	110.48	113.10	3.93	ppb
Strontium	88-1	113.92	120.58	113.31	115.93	3.48	ppb
Sulfur	34-1	132.93	82.65	-74.71	46.96	230.67	ppb
Terbium	159-1				108		%
Terbium	159-2				93		%
Thallium	203-1	-0.03	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.05	-0.04	-0.04		ppb
Tin	118-1	0.14	0.19	0.19	0.17	16.57	ppb
Titanium	47-1	0.01	0.12	0.07	0.07	82.72	ppb
Uranium	238-1	0.24	0.26	0.24	0.24	4.31	ppb
Vanadium	51-2	0.52	0.42	0.58	0.51	16.01	ppb
Yttrium	89-1				95		%
Yttrium	89-2				77		%
Zinc	66-2	0.10	-0.07	-0.08	-0.02		ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-17DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW130-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:33:04	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.03	0.01	0.02	30.90	ppb
Zirconium	91-1	0.03	0.01	0.01	0.02	75.24	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 20:36:28	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54499.00	63739.20	52149.71	56795.97	10.79	ppb
Antimony	121-1	484.58	482.50	482.92	483.33	0.23	ppb
Arsenic	75-2	495.29	611.58	496.72	534.53	12.48	ppb
Barium	135-1	2508.46	2518.32	2543.13	2523.30	0.71	ppb
Barium	137-1	2490.29	2502.11	2500.95	2497.78	0.26	ppb
Beryllium	9-1	519.49	518.26	523.20	520.32	0.49	ppb
Bismuth	209-1				111		%
Bismuth	209-2				87		%
Boron	10-1	528.63	532.27	534.62	531.84	0.57	ppb
Boron	11-1	501.49	517.91	533.74	517.71	3.11	ppb
Cadmium	111-1	472.36	470.33	477.01	473.23	0.72	ppb
Cadmium	106-1	454.60	469.33	473.34	465.76	2.12	ppb
Cadmium	108-1	468.16	475.65	466.66	470.15	1.02	ppb
Calcium	43-1	242214.43	245113.35	245616.06	244314.61	0.75	ppb
Calcium	44-1	239882.15	241802.51	244919.52	242201.39	1.05	ppb
Chromium	52-2	543.28	642.95	519.75	568.66	11.50	ppb
Cobalt	59-2	528.43	625.96	509.87	554.76	11.24	ppb
Copper	63-2	1033.00	1223.99	995.73	1084.24	11.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				91		%
Indium	115-1				102		%
Indium	115-2				79		%
Iron	56-2	135403.66	160681.49	130132.96	142072.70	11.49	ppb
Iron	57-2	131049.39	155251.58	126346.99	137549.32	11.28	ppb
Krypton	83-1						cps
Lead	206-1	509.54	516.15	522.89	516.19	1.29	ppb
Lead	207-1	519.73	521.72	524.50	521.99	0.46	ppb
Lead	208-1	515.85	519.08	522.93	519.29	0.68	ppb
Lithium	6-1				90		%
Magnesium	24-2	264090.70	315023.80	255874.64	278329.72	11.51	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 20:36:28	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1042.55	1234.75	999.64	1092.31	11.46	ppb
Molybdenum	94-1	2560.24	2610.14	2588.96	2586.45	0.97	ppb
Molybdenum	95-1	2562.52	2572.20	2524.74	2553.15	0.98	ppb
Molybdenum	96-1	2534.55	2577.00	2567.77	2559.77	0.87	ppb
Molybdenum	97-1	2552.27	2603.92	2563.55	2573.25	1.06	ppb
Molybdenum	98-1	2539.35	2568.39	2526.41	2544.72	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	536.64	631.85	514.60	561.03	11.11	ppb
Phosphorus	31-2	9585.85	11064.36	10145.03	10265.08	7.27	ppb
Potassium	39-2	125729.26	149630.53	121320.93	132226.90	11.52	ppb
Rhodium	103-1				98		%
Rhodium	103-2				82		%
Scandium	45-1				95		%
Scandium	45-2				76		%
Selenium	77-2	528.14	580.62	477.13	528.63	9.79	ppb
Selenium	78-2	484.97	590.93	519.45	531.78	10.16	ppb
Selenium	82-1	481.63	490.04	491.56	487.74	1.10	ppb
Silicon	28-1	470.43	473.55	478.89	474.29	0.90	ppb
Silver	109-1	478.45	480.19	485.79	481.48	0.80	ppb
Silver	107-1	486.44	482.27	489.31	486.01	0.73	ppb
Sodium	23-2	255749.86	307986.27	247419.50	270385.21	12.14	ppb
Strontium	86-1	500.61	506.74	501.56	502.97	0.66	ppb
Strontium	88-1	517.05	526.40	519.24	520.89	0.94	ppb
Sulfur	34-1	7883.24	8344.79	8317.91	8181.98	3.17	ppb
Terbium	159-1				111		%
Terbium	159-2				90		%
Thallium	203-1	507.24	517.58	516.17	513.67	1.09	ppb
Thallium	205-1	507.66	516.13	512.61	512.13	0.83	ppb
Tin	118-1	499.86	495.94	494.05	496.62	0.60	ppb
Titanium	47-1	2488.08	2571.93	2561.84	2540.61	1.80	ppb
Uranium	238-1	534.49	534.10	537.33	535.31	0.33	ppb
Vanadium	51-2	534.20	630.89	509.53	558.21	11.49	ppb
Yttrium	89-1				102		%
Yttrium	89-2				81		%
Zinc	66-2	1041.39	1227.66	993.03	1087.36	11.39	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 20:36:28	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	505.39	513.15	506.10	508.21	0.84	ppb
Zirconium	91-1	488.20	494.18	492.31	491.56	0.62	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 20:39:42	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.70	7.44	-0.80	1.98	238.71	ppb
Antimony	121-1	1.38	1.53	1.59	1.50	7.18	ppb
Arsenic	75-2	0.06	0.23	0.12	0.14	62.85	ppb
Barium	135-1	0.08	0.12	0.01	0.07	82.39	ppb
Barium	137-1	0.05	0.05	0.01	0.04	70.75	ppb
Beryllium	9-1	0.37	0.36	0.26	0.33	19.50	ppb
Bismuth	209-1				112		%
Bismuth	209-2				99		%
Boron	10-1	19.08	17.00	17.49	17.85	6.10	ppb
Boron	11-1	21.41	18.41	17.67	19.17	10.34	ppb
Cadmium	111-1	-0.08	-0.03	0.05	-0.02		ppb
Cadmium	106-1	-1.66	-0.89	-0.39	-0.98		ppb
Cadmium	108-1	0.07	0.11	-0.03	0.05	134.93	ppb
Calcium	43-1	-14.65	-11.21	-8.38	-11.41		ppb
Calcium	44-1	19.50	16.86	17.64	18.00	7.56	ppb
Chromium	52-2	-0.15	0.03	0.09	-0.01		ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00		ppb
Copper	63-2	0.04	0.03	0.10	0.06	71.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				97		%
Indium	115-1				103		%
Indium	115-2				88		%
Iron	56-2	8.39	7.09	5.53	7.00	20.43	ppb
Iron	57-2	6.41	6.16	6.70	6.43	4.21	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	-0.02	0.00	-0.01		ppb
Lead	207-1	0.00	-0.01	-0.03	-0.01		ppb
Lead	208-1	0.00	0.00	0.00	0.00		ppb
Lithium	6-1				94		%
Magnesium	24-2	-24.58	-31.37	-18.35	-24.76		ppb

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : CCB35 Instrumnet Name : P8
 Client Sample ID : CCB35 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 20:39:42 DataFile Name : 065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.02	0.04	0.02	147.33	ppb
Molybdenum	94-1	1.12	1.20	1.40	1.24	11.34	ppb
Molybdenum	95-1	1.45	1.48	1.90	1.61	15.85	ppb
Molybdenum	96-1	1.35	1.48	1.85	1.56	16.50	ppb
Molybdenum	97-1	1.30	1.59	1.73	1.54	14.21	ppb
Molybdenum	98-1	1.30	1.56	1.69	1.51	13.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.82	-0.69	-0.66	-0.72		ppb
Phosphorus	31-2	-33.94	-33.94	-33.94	-33.94		ppb
Potassium	39-2	8.50	3.05	-20.22	-2.89		ppb
Rhodium	103-1				100		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				77		%
Selenium	77-2	-6.62	-6.62	1.22	-4.00		ppb
Selenium	78-2	-1.06	0.20	0.20	-0.22		ppb
Selenium	82-1	1.29	1.76	1.24	1.43	20.22	ppb
Silicon	28-1	-34.25	-39.33	-39.80	-37.79		ppb
Silver	109-1	0.05	0.03	0.03	0.04	33.18	ppb
Silver	107-1	0.06	0.06	0.05	0.05	13.22	ppb
Sodium	23-2	70.10	71.23	60.24	67.19	9.00	ppb
Strontium	86-1	0.05	-0.02	-0.03	0.00		ppb
Strontium	88-1	0.00	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-1000.86	-1297.36	-1502.98	-1267.07		ppb
Terbium	159-1				109		%
Terbium	159-2				96		%
Thallium	203-1	0.15	0.09	0.12	0.12	22.65	ppb
Thallium	205-1	0.14	0.10	0.09	0.11	26.41	ppb
Tin	118-1	0.24	0.27	0.28	0.26	7.51	ppb
Titanium	47-1	0.27	0.36	0.24	0.29	20.50	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	41.47	ppb
Vanadium	51-2	0.06	0.04	0.01	0.04	77.26	ppb
Yttrium	89-1				98		%
Yttrium	89-2				84		%
Zinc	66-2	-0.48	-0.31	-0.41	-0.40		ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 20:39:42	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.11	0.12	0.14	0.12	13.32	ppb
Zirconium	91-1	0.16	0.13	0.13	0.14	13.34	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-18DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP-0443-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:43:06	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.64	-0.40	-3.48	-0.42		ppb
Antimony	121-1	0.85	0.99	1.01	0.95	9.38	ppb
Arsenic	75-2	0.17	0.17	0.14	0.16	12.72	ppb
Barium	135-1	13.83	13.83	13.92	13.86	0.37	ppb
Barium	137-1	13.86	13.11	13.79	13.59	3.05	ppb
Beryllium	9-1	0.19	0.23	0.21	0.21	7.69	ppb
Bismuth	209-1				117		%
Bismuth	209-2				97		%
Boron	10-1	38.50	37.03	36.31	37.28	2.99	ppb
Boron	11-1	35.83	38.74	37.13	37.23	3.91	ppb
Cadmium	111-1	-0.05	-0.05	-0.05	-0.05		ppb
Cadmium	106-1	-1.47	-1.14	-1.18	-1.27		ppb
Cadmium	108-1	0.11	-0.07	-0.07	-0.01		ppb
Calcium	43-1	21464.61	21402.00	21651.74	21506.12	0.60	ppb
Calcium	44-1	22036.36	21971.30	22154.16	22053.94	0.42	ppb
Chromium	52-2	0.22	0.09	0.21	0.18	40.49	ppb
Cobalt	59-2	-0.04	-0.03	-0.03	-0.03		ppb
Copper	63-2	0.15	0.14	0.20	0.16	18.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				94		%
Indium	115-1				103		%
Indium	115-2				81		%
Iron	56-2	3.47	4.06	3.22	3.58	12.13	ppb
Iron	57-2	1.64	1.69	6.09	3.14	81.40	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.00	-0.02	-0.01		ppb
Lead	207-1	0.00	-0.02	-0.02	-0.01		ppb
Lead	208-1	0.00	0.00	-0.01	-0.01		ppb
Lithium	6-1				99		%
Magnesium	24-2	1785.50	1776.91	1879.91	1814.11	3.15	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-18DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP-0443-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:43:06	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.28	-0.02	0.22	0.16	101.04	ppb
Molybdenum	94-1	0.62	0.64	0.66	0.64	2.97	ppb
Molybdenum	95-1	0.49	0.61	0.55	0.55	10.46	ppb
Molybdenum	96-1	0.47	0.62	0.74	0.61	22.25	ppb
Molybdenum	97-1	0.46	0.58	0.71	0.58	21.16	ppb
Molybdenum	98-1	0.51	0.62	0.75	0.63	18.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.38	-0.31	-0.65	-0.45		ppb
Phosphorus	31-2	-33.94	8.40	-33.94	-19.82		ppb
Potassium	39-2	327.26	323.18	406.05	352.16	13.26	ppb
Rhodium	103-1				100		%
Rhodium	103-2				86		%
Scandium	45-1				86		%
Scandium	45-2				68		%
Selenium	77-2	-6.62	-6.62	-6.62	-6.62		ppb
Selenium	78-2	0.34	0.33	-1.06	-0.13		ppb
Selenium	82-1	-0.22	1.31	0.08	0.39	207.87	ppb
Silicon	28-1	1949.86	1941.37	1945.08	1945.44	0.22	ppb
Silver	109-1	0.06	0.07	0.05	0.06	11.93	ppb
Silver	107-1	0.08	0.07	0.07	0.07	6.91	ppb
Sodium	23-2	4330.95	4284.26	4315.25	4310.15	0.55	ppb
Strontium	86-1	110.71	112.42	109.74	110.96	1.22	ppb
Strontium	88-1	111.98	113.75	114.32	113.35	1.08	ppb
Sulfur	34-1	-238.26	-568.38	-405.33	-403.99		ppb
Terbium	159-1				111		%
Terbium	159-2				93		%
Thallium	203-1	0.15	0.10	0.08	0.11	33.82	ppb
Thallium	205-1	0.14	0.11	0.07	0.11	31.66	ppb
Tin	118-1	0.26	0.33	0.43	0.34	25.05	ppb
Titanium	47-1	0.10	0.11	0.32	0.18	70.77	ppb
Uranium	238-1	0.25	0.25	0.23	0.24	4.33	ppb
Vanadium	51-2	0.30	0.64	0.47	0.47	36.21	ppb
Yttrium	89-1				97		%
Yttrium	89-2				77		%
Zinc	66-2	0.17	-0.16	0.29	0.10	237.41	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-18DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP-0443-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:43:06	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.18	0.17	0.19	0.18	5.11	ppb
Zirconium	91-1	0.17	0.18	0.20	0.19	8.88	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 20:46:29	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52678.34	55607.07	53361.59	53882.34	2.84	ppb
Antimony	121-1	485.80	484.30	478.05	482.72	0.85	ppb
Arsenic	75-2	501.38	531.87	509.15	514.13	3.08	ppb
Barium	135-1	2530.26	2540.22	2498.86	2523.11	0.86	ppb
Barium	137-1	2491.74	2482.38	2484.23	2486.12	0.20	ppb
Beryllium	9-1	506.55	518.22	518.60	514.46	1.33	ppb
Bismuth	209-1				113		%
Bismuth	209-2				92		%
Boron	10-1	504.95	518.81	526.44	516.73	2.11	ppb
Boron	11-1	484.82	511.20	518.77	504.93	3.53	ppb
Cadmium	111-1	475.27	477.20	467.19	473.22	1.12	ppb
Cadmium	106-1	472.18	465.99	456.32	464.83	1.72	ppb
Cadmium	108-1	468.48	472.76	470.93	470.72	0.46	ppb
Calcium	43-1	243322.00	244053.74	245321.83	244232.52	0.41	ppb
Calcium	44-1	239831.08	241883.12	241584.31	241099.50	0.46	ppb
Chromium	52-2	524.47	557.56	541.99	541.34	3.06	ppb
Cobalt	59-2	508.40	540.91	525.17	524.83	3.10	ppb
Copper	63-2	1002.40	1061.17	1029.16	1030.91	2.85	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				116		%
Holmium	165-2				96		%
Indium	115-1				103		%
Indium	115-2				84		%
Iron	56-2	131305.10	139166.95	134742.57	135071.54	2.92	ppb
Iron	57-2	126954.67	134413.51	130975.32	130781.17	2.85	ppb
Krypton	83-1						cps
Lead	206-1	513.10	514.22	517.82	515.05	0.48	ppb
Lead	207-1	513.14	519.91	520.25	517.77	0.77	ppb
Lead	208-1	514.76	518.75	518.13	517.21	0.41	ppb
Lithium	6-1				94		%
Magnesium	24-2	256347.31	272887.66	262836.70	264023.89	3.16	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 20:46:29	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	999.75	1066.50	1031.26	1032.50	3.23	ppb
Molybdenum	94-1	2607.45	2592.18	2585.28	2594.97	0.44	ppb
Molybdenum	95-1	2585.16	2567.75	2580.85	2577.92	0.35	ppb
Molybdenum	96-1	2612.92	2583.78	2580.02	2592.24	0.69	ppb
Molybdenum	97-1	2630.05	2580.98	2574.49	2595.17	1.17	ppb
Molybdenum	98-1	2598.99	2544.73	2585.72	2576.48	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.96	547.51	532.73	532.73	2.77	ppb
Phosphorus	31-2	8840.96	11732.74	10161.59	10245.10	14.13	ppb
Potassium	39-2	122578.72	129024.11	125022.94	125541.92	2.59	ppb
Rhodium	103-1				100		%
Rhodium	103-2				87		%
Scandium	45-1				97		%
Scandium	45-2				81		%
Selenium	77-2	509.08	451.99	597.49	519.52	14.11	ppb
Selenium	78-2	472.94	532.74	517.75	507.81	6.13	ppb
Selenium	82-1	492.56	497.26	489.93	493.25	0.75	ppb
Silicon	28-1	478.05	465.36	476.99	473.47	1.49	ppb
Silver	109-1	480.27	490.61	483.06	484.65	1.10	ppb
Silver	107-1	485.05	488.83	484.09	485.99	0.52	ppb
Sodium	23-2	251686.46	264905.54	258750.01	258447.34	2.56	ppb
Strontium	86-1	506.60	506.96	504.60	506.05	0.25	ppb
Strontium	88-1	521.86	521.11	517.57	520.18	0.44	ppb
Sulfur	34-1	8224.86	8173.22	7946.28	8114.78	1.83	ppb
Terbium	159-1				114		%
Terbium	159-2				95		%
Thallium	203-1	512.45	518.83	515.24	515.51	0.62	ppb
Thallium	205-1	514.59	518.42	509.02	514.01	0.92	ppb
Tin	118-1	497.47	496.76	486.23	493.49	1.28	ppb
Titanium	47-1	2570.49	2539.38	2559.18	2556.35	0.62	ppb
Uranium	238-1	535.77	535.68	531.06	534.17	0.50	ppb
Vanadium	51-2	509.95	543.23	528.28	527.15	3.16	ppb
Yttrium	89-1				102		%
Yttrium	89-2				85		%
Zinc	66-2	996.51	1066.10	1035.06	1032.56	3.38	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 20:46:29	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	517.24	516.78	513.83	515.95	0.36	ppb
Zirconium	91-1	496.24	493.88	497.18	495.77	0.34	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 20:49:43	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.87	7.36	-3.48	1.91	283.19	ppb
Antimony	121-1	1.49	1.60	1.69	1.60	6.43	ppb
Arsenic	75-2	0.21	0.21	0.17	0.20	10.25	ppb
Barium	135-1	0.06	0.06	0.04	0.05	22.30	ppb
Barium	137-1	0.07	0.09	0.02	0.06	62.49	ppb
Beryllium	9-1	0.43	0.50	0.46	0.46	7.29	ppb
Bismuth	209-1				112		%
Bismuth	209-2				98		%
Boron	10-1	17.85	19.26	16.79	17.97	6.89	ppb
Boron	11-1	23.22	19.77	17.51	20.16	14.26	ppb
Cadmium	111-1	-0.02	-0.08	0.00	-0.04		ppb
Cadmium	106-1	-1.27	-2.08	-0.92	-1.42		ppb
Cadmium	108-1	-0.07	-0.03	0.11	0.01	1582.64	ppb
Calcium	43-1	-7.32	-23.32	-23.72	-18.12		ppb
Calcium	44-1	19.93	18.02	12.63	16.86	22.44	ppb
Chromium	52-2	0.07	-0.06	-0.10	-0.03		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	5.30	ppb
Copper	63-2	0.13	-0.01	0.02	0.05	160.17	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				111		%
Holmium	165-2				97		%
Indium	115-1				103		%
Indium	115-2				88		%
Iron	56-2	9.00	8.29	6.93	8.07	13.03	ppb
Iron	57-2	2.16	0.75	2.88	1.93	55.96	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	-0.02	0.00		ppb
Lead	207-1	0.01	-0.02	-0.01	-0.01		ppb
Lead	208-1	0.01	-0.01	-0.01	0.00		ppb
Lithium	6-1				95		%
Magnesium	24-2	-19.09	-27.63	-19.31	-22.01		ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 20:49:43	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.12	-0.01	-0.07	0.01	701.66	ppb
Molybdenum	94-1	1.13	1.32	1.47	1.31	12.88	ppb
Molybdenum	95-1	1.36	1.64	1.97	1.66	18.61	ppb
Molybdenum	96-1	1.28	1.47	1.78	1.51	16.74	ppb
Molybdenum	97-1	1.31	1.56	1.97	1.61	20.69	ppb
Molybdenum	98-1	1.22	1.60	1.84	1.55	19.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.37	-0.42	-0.61	-0.47		ppb
Phosphorus	31-2	-33.94	-33.94	2.65	-21.74		ppb
Potassium	39-2	-6.18	-12.38	-7.02	-8.53		ppb
Rhodium	103-1				100		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				78		%
Selenium	77-2	-6.62	1.27	-6.62	-3.99		ppb
Selenium	78-2	0.22	1.47	0.18	0.62	117.72	ppb
Selenium	82-1	0.00	0.23	1.34	0.52	137.85	ppb
Silicon	28-1	-31.20	-38.83	-38.35	-36.13		ppb
Silver	109-1	0.05	0.04	0.04	0.04	12.54	ppb
Silver	107-1	0.05	0.04	0.05	0.05	9.94	ppb
Sodium	23-2	80.86	66.62	72.69	73.39	9.74	ppb
Strontium	86-1	0.02	-0.03	-0.06	-0.03		ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	-692.27	-1332.73	-1216.83	-1080.61		ppb
Terbium	159-1				108		%
Terbium	159-2				96		%
Thallium	203-1	0.14	0.13	0.13	0.13	6.94	ppb
Thallium	205-1	0.11	0.10	0.12	0.11	8.23	ppb
Tin	118-1	0.25	0.42	0.35	0.34	25.14	ppb
Titanium	47-1	0.14	0.16	0.24	0.18	29.86	ppb
Uranium	238-1	0.02	0.01	0.02	0.01	44.47	ppb
Vanadium	51-2	0.01	0.05	0.00	0.02	161.83	ppb
Yttrium	89-1				98		%
Yttrium	89-2				84		%
Zinc	66-2	-0.28	-0.27	-0.37	-0.31		ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 20:49:43	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.12	0.12	0.11	0.12	5.25	ppb
Zirconium	91-1	0.09	0.09	0.10	0.09	8.13	ppb

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:12:19	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	25	14	69.31	cps
Antimony	121-1	167	250	342	253	34.63	cps
Arsenic	75-2	9	6	4	6	45.85	cps
Barium	135-1	117	83	67	89	28.64	cps
Barium	137-1	150	183	142	158	13.92	cps
Beryllium	9-1	67	61	56	61	9.09	cps
Bismuth	209-1	3720120	3486232	3716226	3640859	3.68	cps
Bismuth	209-2	1152312	1148354	1149363	1150010	0.18	cps
Boron	10-1	58	8	50	39	68.89	cps
Boron	11-1	233	225	217	225	3.70	cps
Cadmium	111-1	623	611	528	587	8.76	cps
Cadmium	106-1	867	833	733	811	8.55	cps
Cadmium	108-1	13	8	8	10	24.77	cps
Calcium	43-1	892	958	825	892	7.48	cps
Calcium	44-1	9053	9237	8736	9009	2.81	cps
Chromium	52-2	330	317	297	314	5.33	cps
Cobalt	59-2	50	73	57	60	20.03	cps
Copper	63-2	190	137	203	177	19.97	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	33	33	22	86.60	cps
Erbium	164-2	0	3	13	6	124.93	cps
Gadolinium	160-1	33	58	50	47	26.95	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	5352012	5066382	5330001	5249465	3.03	cps
Holmium	165-2	1359197	1358092	1360429	1359239	0.09	cps
Indium	115-1	4405507	4102177	4359938	4289207	3.81	cps
Indium	115-2	227326	229220	227312	227952	0.48	cps
Iron	56-2	1711	1583	1461	1585	7.89	cps
Iron	57-2	61	44	67	57	20.14	cps
Krypton	83-1	340	403	370	371	8.54	cps
Lead	206-1	300	311	389	333	14.53	cps
Lead	207-1	239	333	361	311	20.59	cps
Lead	208-1	1211	1333	1367	1304	6.28	cps
Lithium	6-1	524592	497396	528711	516899	3.29	cps
Magnesium	24-2	1300	1317	1408	1342	4.35	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:12:19	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	17	23	23	28.56	cps
Molybdenum	94-1	158	250	275	228	26.97	cps
Molybdenum	95-1	158	183	275	206	29.88	cps
Molybdenum	96-1	183	233	342	253	32.02	cps
Molybdenum	97-1	167	167	217	183	15.75	cps
Molybdenum	98-1	283	317	217	272	18.70	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	710	683	753	716	4.94	cps
Phosphorus	31-2	25	25	0	17	86.60	cps
Potassium	39-2	2284	2259	2309	2284	1.09	cps
Rhodium	103-1	4106056	3824711	4061056	3997274	3.78	cps
Rhodium	103-2	1236403	1247211	1234491	1239368	0.55	cps
Scandium	45-1	2345399	2206601	2281055	2277685	3.05	cps
Scandium	45-2	21266	21403	21800	21490	1.29	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	-44	-111	-59	-71	-49.43	cps
Silicon	28-1	331351	330643	335225	332406	0.74	cps
Silver	109-1	50	17	92	53	71.20	cps
Silver	107-1	42	8	17	22	78.07	cps
Sodium	23-2	2642	2784	2742	2723	2.67	cps
Strontium	86-1	583	483	525	531	9.47	cps
Strontium	88-1	467	442	517	475	8.04	cps
Sulfur	34-1	277796	277034	279255	278028	0.41	cps
Terbium	159-1	5597446	5201938	5510796	5436727	3.82	cps
Terbium	159-2	1296256	1292924	1299729	1296303	0.26	cps
Thallium	203-1	250	250	242	247	1.95	cps
Thallium	205-1	717	600	700	672	9.39	cps
Tin	118-1	567	333	600	500	29.06	cps
Titanium	47-1	117	58	100	92	32.77	cps
Uranium	238-1	308	342	492	381	25.66	cps
Vanadium	51-2	13	7	10	10	33.30	cps
Yttrium	89-1	4536893	4277516	4483377	4432595	3.09	cps
Yttrium	89-2	163805	166842	164295	164980	0.99	cps
Zinc	66-2	83	60	67	70	17.17	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:12:19	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	275	392	217	294	30.26	cps
Zirconium	91-1	100	33	58	64	52.71	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 16:19:45 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	83	67	94	36.73	cps
Antimony	121-1	11480	11831	11022	11444	3.55	cps
Arsenic	75-2	69	54	78	67	18.22	cps
Barium	135-1	12039	12215	11797	12017	1.74	cps
Barium	137-1	20533	20450	20333	20439	0.49	cps
Beryllium	9-1	672	656	606	644	5.38	cps
Bismuth	209-1	3839009	3852800	3875681	3855830	0.48	cps
Bismuth	209-2	1141949	1141703	1137605	1140419	0.21	cps
Boron	10-1	1700	1375	1633	1570	10.94	cps
Boron	11-1	7611	7010	7752	7458	5.28	cps
Cadmium	111-1	1665	1758	1783	1735	3.60	cps
Cadmium	106-1	892	900	858	883	2.50	cps
Cadmium	108-1	79	67	79	75	9.62	cps
Calcium	43-1	6185	5651	6077	5971	4.72	cps
Calcium	44-1	98067	95290	95155	96171	1.71	cps
Chromium	52-2	1270	1330	1207	1269	4.86	cps
Cobalt	59-2	1220	1213	1080	1171	6.74	cps
Copper	63-2	2204	2034	2070	2102	4.26	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	58	25	36	53.30	cps
Erbium	164-2	7	13	7	9	43.25	cps
Gadolinium	160-1	17	8	25	17	50.01	cps
Gadolinium	160-2	0	0	3	1	173.21	cps
Holmium	165-1	5637765	5590676	5642561	5623668	0.51	cps
Holmium	165-2	1353937	1350724	1334971	1346544	0.75	cps
Indium	115-1	4470325	4417466	4441128	4442973	0.60	cps
Indium	115-2	227437	224837	223228	225167	0.94	cps
Iron	56-2	18602	18807	18680	18696	0.56	cps
Iron	57-2	556	489	422	489	13.64	cps
Krypton	83-1	287	393	420	367	19.24	cps
Lead	206-1	3834	3923	3990	3916	1.99	cps
Lead	207-1	3801	3551	3551	3634	3.97	cps
Lead	208-1	15971	16010	16332	16105	1.23	cps
Lithium	6-1	542348	545837	547481	545222	0.48	cps
Magnesium	24-2	9045	10062	10054	9720	6.02	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:19:45	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	153	133	180	156	15.05	cps
Molybdenum	94-1	8403	9053	8803	8753	3.75	cps
Molybdenum	95-1	11255	10788	10855	10966	2.30	cps
Molybdenum	96-1	12198	12415	11580	12064	3.59	cps
Molybdenum	97-1	6844	6677	6860	6794	1.49	cps
Molybdenum	98-1	17370	17587	16828	17262	2.27	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	903	1023	1067	998	8.48	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	7044	7160	7169	7124	0.98	cps
Rhodium	103-1	4136626	4140898	4196993	4158172	0.81	cps
Rhodium	103-2	1235205	1224120	1203861	1221062	1.30	cps
Scandium	45-1	2368597	2323981	2357600	2350059	0.99	cps
Scandium	45-2	20692	21343	21019	21018	1.55	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	6	7	13	9	44.56	cps
Selenium	82-1	401	313	231	315	27.06	cps
Silicon	28-1	357722	358108	357833	357888	0.06	cps
Silver	109-1	5493	5485	4951	5310	5.85	cps
Silver	107-1	5835	5968	5927	5910	1.15	cps
Sodium	23-2	21759	21701	22201	21887	1.25	cps
Strontium	86-1	1892	2309	2025	2075	10.26	cps
Strontium	88-1	12723	12465	12631	12606	1.04	cps
Sulfur	34-1	281009	280016	280683	280569	0.18	cps
Terbium	159-1	5832063	5723933	5711203	5755733	1.15	cps
Terbium	159-2	1292513	1293291	1272635	1286146	0.91	cps
Thallium	203-1	4876	4351	4751	4659	5.89	cps
Thallium	205-1	10905	11264	11623	11264	3.18	cps
Tin	118-1	18831	17955	18680	18488	2.53	cps
Titanium	47-1	2775	2992	2692	2820	5.49	cps
Uranium	238-1	14734	13908	14401	14348	2.90	cps
Vanadium	51-2	2077	1914	1877	1956	5.44	cps
Yttrium	89-1	4644152	4521083	4556674	4573970	1.38	cps
Yttrium	89-2	163536	161382	161974	162297	0.69	cps
Zinc	66-2	233	220	267	240	10.01	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:19:45	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7277	7486	7127	7297	2.47	cps
Zirconium	91-1	1750	1717	1784	1750	1.90	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:23:43	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3617	3934	3642	3731	4.72	cps
Antimony	121-1	289071	290657	292838	290855	0.65	cps
Arsenic	75-2	3693	3706	3738	3712	0.62	cps
Barium	135-1	311658	309850	311755	311088	0.34	cps
Barium	137-1	544049	548104	552004	548052	0.73	cps
Beryllium	9-1	30778	30967	30950	30898	0.34	cps
Bismuth	209-1	3887673	3878859	3842930	3869821	0.61	cps
Bismuth	209-2	1127543	1130105	1135483	1131044	0.36	cps
Boron	10-1	3225	3167	3326	3239	2.47	cps
Boron	11-1	16326	15667	16427	16140	2.56	cps
Cadmium	111-1	63851	62107	63301	63086	1.41	cps
Cadmium	106-1	7194	6994	7344	7177	2.45	cps
Cadmium	108-1	4442	4588	4463	4498	1.75	cps
Calcium	43-1	57644	58941	57452	58012	1.40	cps
Calcium	44-1	945914	952988	944123	947675	0.49	cps
Chromium	52-2	26766	26696	26322	26594	0.90	cps
Cobalt	59-2	58137	57498	58191	57942	0.67	cps
Copper	63-2	100013	100036	99912	99987	0.07	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	8	67	28	121.26	cps
Erbium	164-2	0	10	0	3	173.21	cps
Gadolinium	160-1	42	33	17	31	41.66	cps
Gadolinium	160-2	7	0	3	3	100.05	cps
Holmium	165-1	5679776	5555600	5666180	5633852	1.21	cps
Holmium	165-2	1344693	1355838	1344163	1348232	0.49	cps
Indium	115-1	4487063	4415796	4454023	4452294	0.80	cps
Indium	115-2	219690	219114	221602	220136	0.59	cps
Iron	56-2	898759	887015	887691	891155	0.74	cps
Iron	57-2	22202	23186	23003	22797	2.30	cps
Krypton	83-1	297	350	410	352	16.10	cps
Lead	206-1	197547	196791	197411	197250	0.20	cps
Lead	207-1	180256	178309	179985	179517	0.59	cps
Lead	208-1	805458	811089	812163	809570	0.44	cps
Lithium	6-1	558035	550793	553920	554249	0.66	cps
Magnesium	24-2	91225	90889	89162	90425	1.22	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:23:43	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	15505	15122	15182	15270	1.35	cps
Molybdenum	94-1	475281	475217	472456	474318	0.34	cps
Molybdenum	95-1	579965	580501	576421	578962	0.38	cps
Molybdenum	96-1	650506	638993	640460	643319	0.97	cps
Molybdenum	97-1	362702	357038	365317	361686	1.17	cps
Molybdenum	98-1	933308	927084	925969	928787	0.43	cps
Neodymium	150-1	13	27	13	18	43.33	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	17501	17561	17424	17496	0.39	cps
Phosphorus	31-2	283	275	225	261	12.08	cps
Potassium	39-2	28238	27653	26785	27558	2.65	cps
Rhodium	103-1	4098600	4110853	4085197	4098217	0.31	cps
Rhodium	103-2	1195075	1199512	1205189	1199925	0.42	cps
Scandium	45-1	2361465	2327813	2331147	2340142	0.79	cps
Scandium	45-2	20482	19954	19964	20133	1.50	cps
Selenium	77-2	33	27	23	28	18.33	cps
Selenium	78-2	63	67	83	71	15.28	cps
Selenium	82-1	4002	3915	3801	3906	2.58	cps
Silicon	28-1	453076	448783	452567	451476	0.52	cps
Silver	109-1	292587	293937	296106	294210	0.60	cps
Silver	107-1	309480	308144	308211	308611	0.24	cps
Sodium	23-2	203181	204121	200847	202716	0.83	cps
Strontium	86-1	75493	76581	75836	75970	0.73	cps
Strontium	88-1	655458	656592	654041	655363	0.20	cps
Sulfur	34-1	300420	297512	301112	299681	0.64	cps
Terbium	159-1	5817162	5722337	5739720	5759740	0.88	cps
Terbium	159-2	1280935	1278390	1282071	1280465	0.15	cps
Thallium	203-1	243035	238894	241993	241307	0.89	cps
Thallium	205-1	587445	579747	586486	584560	0.72	cps
Tin	118-1	198349	199194	198696	198746	0.21	cps
Titanium	47-1	143596	141702	142956	142751	0.67	cps
Uranium	238-1	778960	782231	780831	780674	0.21	cps
Vanadium	51-2	19938	19797	19310	19682	1.67	cps
Yttrium	89-1	4507957	4539580	4499274	4515604	0.47	cps
Yttrium	89-2	158301	159644	158140	158695	0.52	cps
Zinc	66-2	9820	9674	9580	9691	1.25	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:23:43	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	390142	390722	394727	391864	0.64	cps
Zirconium	91-1	88101	87849	87581	87844	0.30	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:27:29	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9253	9987	9562	9601	3.84	cps
Antimony	121-1	744628	735977	745516	742040	0.71	cps
Arsenic	75-2	9199	9553	9418	9390	1.90	cps
Barium	135-1	784312	790250	789273	787945	0.40	cps
Barium	137-1	1380489	1376742	1375504	1377578	0.19	cps
Beryllium	9-1	77860	77251	77050	77387	0.55	cps
Bismuth	209-1	3907928	3897926	3912425	3906093	0.19	cps
Bismuth	209-2	1135147	1139114	1142094	1138785	0.31	cps
Boron	10-1	8269	8278	8486	8344	1.47	cps
Boron	11-1	39305	39647	40767	39906	1.92	cps
Cadmium	111-1	157764	158916	157458	158046	0.49	cps
Cadmium	106-1	17011	17929	16953	17298	3.17	cps
Cadmium	108-1	11046	11301	11276	11208	1.25	cps
Calcium	43-1	140994	141532	143041	141856	0.75	cps
Calcium	44-1	2370750	2396622	2394937	2387437	0.61	cps
Chromium	52-2	66152	66400	65894	66149	0.38	cps
Cobalt	59-2	144894	144672	145646	145071	0.35	cps
Copper	63-2	250205	250219	248791	249738	0.33	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	17	25	8	17	50.01	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	67	25	8	33	90.15	cps
Gadolinium	160-2	10	7	13	10	33.30	cps
Holmium	165-1	5745766	5674946	5712352	5711021	0.62	cps
Holmium	165-2	1338085	1360902	1351944	1350310	0.85	cps
Indium	115-1	4509824	4502866	4484079	4498923	0.30	cps
Indium	115-2	219468	220169	219310	219649	0.21	cps
Iron	56-2	2269207	2291637	2279909	2280251	0.49	cps
Iron	57-2	56386	57067	55762	56405	1.16	cps
Krypton	83-1	330	313	290	311	6.46	cps
Lead	206-1	495348	503506	496716	498523	0.88	cps
Lead	207-1	449842	454444	455258	453181	0.64	cps
Lead	208-1	2029883	2049573	2046418	2041958	0.52	cps
Lithium	6-1	556564	558161	556199	556975	0.19	cps
Magnesium	24-2	226385	227101	229126	227537	0.62	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:27:29	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	38744	38383	38777	38635	0.57	cps
Molybdenum	94-1	1187896	1194109	1202997	1195001	0.64	cps
Molybdenum	95-1	1472769	1485925	1492156	1483617	0.67	cps
Molybdenum	96-1	1633009	1648856	1663294	1648386	0.92	cps
Molybdenum	97-1	907182	912237	909793	909737	0.28	cps
Molybdenum	98-1	2364978	2393418	2398577	2385658	0.76	cps
Neodymium	150-1	40	13	47	33	52.92	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	43408	43257	42836	43167	0.69	cps
Phosphorus	31-2	592	625	567	594	4.92	cps
Potassium	39-2	67906	67178	66332	67139	1.17	cps
Rhodium	103-1	4123862	4083983	4122455	4110100	0.55	cps
Rhodium	103-2	1184790	1201915	1198505	1195070	0.76	cps
Scandium	45-1	2329896	2309615	2339650	2326387	0.66	cps
Scandium	45-2	19480	20161	20038	19893	1.82	cps
Selenium	77-2	63	30	63	52	36.85	cps
Selenium	78-2	217	176	237	210	14.83	cps
Selenium	82-1	9861	9837	9800	9833	0.31	cps
Silicon	28-1	636731	632686	636339	635252	0.35	cps
Silver	109-1	728757	737316	731205	732426	0.60	cps
Silver	107-1	760672	773452	768475	767533	0.84	cps
Sodium	23-2	499907	502640	501766	501438	0.28	cps
Strontium	86-1	190519	189244	190697	190153	0.42	cps
Strontium	88-1	1633877	1673703	1682221	1663267	1.55	cps
Sulfur	34-1	321362	324116	323160	322879	0.43	cps
Terbium	159-1	5759075	5854719	5892698	5835497	1.18	cps
Terbium	159-2	1277583	1292587	1284177	1284782	0.59	cps
Thallium	203-1	614522	610603	611181	612102	0.35	cps
Thallium	205-1	1475222	1476702	1464623	1472183	0.45	cps
Tin	118-1	497375	501834	499364	499524	0.45	cps
Titanium	47-1	353413	360458	355214	356362	1.03	cps
Uranium	238-1	1984838	2013588	2042050	2013492	1.42	cps
Vanadium	51-2	49009	49618	50036	49554	1.04	cps
Yttrium	89-1	4555412	4576373	4567275	4566353	0.23	cps
Yttrium	89-2	157738	159772	159492	159001	0.69	cps
Zinc	66-2	23761	24525	24085	24123	1.59	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:27:29	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	995692	1005867	992373	997977	0.70	cps
Zirconium	91-1	220579	222514	222076	221723	0.46	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:31:10	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19639	19080	19389	19370	1.45	cps
Antimony	121-1	1501543	1497156	1498653	1499117	0.15	cps
Arsenic	75-2	18932	18900	18574	18802	1.05	cps
Barium	135-1	1573999	1588890	1576732	1579873	0.50	cps
Barium	137-1	2798842	2778891	2818466	2798733	0.71	cps
Beryllium	9-1	154621	155037	154583	154747	0.16	cps
Bismuth	209-1	3905098	3924789	3871939	3900608	0.68	cps
Bismuth	209-2	1136250	1135357	1067434	1113013	3.55	cps
Boron	10-1	16602	16360	17186	16716	2.54	cps
Boron	11-1	78432	79722	82596	80250	2.66	cps
Cadmium	111-1	316664	317912	317501	317359	0.20	cps
Cadmium	106-1	33752	33400	34520	33891	1.69	cps
Cadmium	108-1	22561	22573	22753	22629	0.47	cps
Calcium	43-1	287701	288312	288560	288191	0.15	cps
Calcium	44-1	4737481	4775928	4800054	4771154	0.66	cps
Chromium	52-2	131070	133883	131490	132147	1.15	cps
Cobalt	59-2	291319	292567	291442	291776	0.24	cps
Copper	63-2	503242	505291	503399	503977	0.23	cps
Dysprosium	156-1	0	33	42	25	88.19	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	17	42	17	25	57.73	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	42	75	33	50	44.09	cps
Gadolinium	160-2	7	7	3	6	34.70	cps
Holmium	165-1	5743345	5812356	5722906	5759536	0.81	cps
Holmium	165-2	1356315	1355581	1274014	1328637	3.56	cps
Indium	115-1	4488024	4501791	4484458	4491424	0.20	cps
Indium	115-2	219099	221166	207134	215800	3.51	cps
Iron	56-2	4496231	4515936	4519490	4510552	0.28	cps
Iron	57-2	113128	114170	114253	113850	0.55	cps
Krypton	83-1	353	393	353	367	6.30	cps
Lead	206-1	1016631	1015985	1006428	1013015	0.56	cps
Lead	207-1	917972	923163	913058	918064	0.55	cps
Lead	208-1	4205915	4207362	4162668	4191981	0.61	cps
Lithium	6-1	554396	555018	549855	553090	0.51	cps
Magnesium	24-2	453466	457382	450654	453834	0.74	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:31:10	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	77832	78254	78277	78121	0.32	cps
Molybdenum	94-1	2445008	2414034	2431763	2430268	0.64	cps
Molybdenum	95-1	2988146	2964000	2998099	2983415	0.59	cps
Molybdenum	96-1	3322371	3304701	3324683	3317252	0.33	cps
Molybdenum	97-1	1860683	1832993	1864199	1852625	0.92	cps
Molybdenum	98-1	4769126	4728608	4760025	4752586	0.45	cps
Neodymium	150-1	87	67	60	71	19.52	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	85238	84957	85537	85244	0.34	cps
Phosphorus	31-2	1275	1383	1450	1370	6.45	cps
Potassium	39-2	131274	135691	132771	133245	1.69	cps
Rhodium	103-1	4110384	4087989	4080989	4093121	0.38	cps
Rhodium	103-2	1194839	1190244	1122584	1169222	3.46	cps
Scandium	45-1	2379937	2334687	2363317	2359314	0.97	cps
Scandium	45-2	20532	20769	19487	20263	3.37	cps
Selenium	77-2	150	113	120	128	15.28	cps
Selenium	78-2	485	376	456	439	12.88	cps
Selenium	82-1	19530	19418	19937	19629	1.39	cps
Silicon	28-1	958555	972024	970784	967121	0.77	cps
Silver	109-1	1479161	1484451	1477360	1480324	0.25	cps
Silver	107-1	1553082	1539115	1543926	1545374	0.46	cps
Sodium	23-2	1014539	1014436	1009986	1012987	0.26	cps
Strontium	86-1	379902	383112	381680	381565	0.42	cps
Strontium	88-1	3365844	3319019	3366047	3350303	0.81	cps
Sulfur	34-1	365263	363050	363502	363939	0.32	cps
Terbium	159-1	5844350	5945533	5834523	5874802	1.05	cps
Terbium	159-2	1296426	1302014	1205903	1268114	4.25	cps
Thallium	203-1	1220656	1223447	1217186	1220430	0.26	cps
Thallium	205-1	2985339	2998229	2965129	2982899	0.56	cps
Tin	118-1	1002478	1001510	1005307	1003098	0.20	cps
Titanium	47-1	712650	710182	719998	714277	0.71	cps
Uranium	238-1	3967589	4037549	4026386	4010508	0.94	cps
Vanadium	51-2	99873	100628	99819	100107	0.45	cps
Yttrium	89-1	4612155	4605602	4555321	4591026	0.68	cps
Yttrium	89-2	160757	158244	149607	156203	3.74	cps
Zinc	66-2	47106	48782	48157	48015	1.76	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:31:10	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2079161	2055642	2060581	2065128	0.60	cps
Zirconium	91-1	444152	444644	447781	445526	0.44	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:34:47	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38713	38621	39038	38790	0.57	cps
Antimony	121-1	3085273	3127706	3080458	3097812	0.84	cps
Arsenic	75-2	37410	36996	37590	37332	0.82	cps
Barium	135-1	3238220	3235999	3231762	3235327	0.10	cps
Barium	137-1	5634372	5633838	5608134	5625448	0.27	cps
Beryllium	9-1	305072	305424	306662	305719	0.27	cps
Bismuth	209-1	3927715	3861458	3890803	3893325	0.85	cps
Bismuth	209-2	1128919	1133643	1132483	1131682	0.22	cps
Boron	10-1	32204	33765	33247	33072	2.41	cps
Boron	11-1	160277	159477	165764	161839	2.11	cps
Cadmium	111-1	642427	633324	637209	637653	0.72	cps
Cadmium	106-1	68198	65024	67880	67034	2.61	cps
Cadmium	108-1	45983	45163	44365	45170	1.79	cps
Calcium	43-1	580260	578229	577233	578574	0.27	cps
Calcium	44-1	9380650	9509417	9518577	9469548	0.81	cps
Chromium	52-2	264747	264339	261090	263392	0.76	cps
Cobalt	59-2	578204	579247	572447	576633	0.64	cps
Copper	63-2	991046	994334	988092	991157	0.32	cps
Dysprosium	156-1	92	42	42	58	49.48	cps
Dysprosium	156-2	3	13	3	7	86.65	cps
Erbium	164-1	25	8	58	31	83.33	cps
Erbium	164-2	10	0	0	3	173.21	cps
Gadolinium	160-1	50	50	75	58	24.74	cps
Gadolinium	160-2	13	10	3	9	57.30	cps
Holmium	165-1	5847036	5824663	5868256	5846652	0.37	cps
Holmium	165-2	1359299	1364085	1369291	1364225	0.37	cps
Indium	115-1	4505371	4490840	4519145	4505119	0.31	cps
Indium	115-2	215515	215620	217783	216306	0.59	cps
Iron	56-2	8986212	8878616	8857609	8907479	0.77	cps
Iron	57-2	227262	226815	223774	225950	0.84	cps
Krypton	83-1	283	333	393	337	16.36	cps
Lead	206-1	2073977	2022222	2051536	2049245	1.27	cps
Lead	207-1	1890446	1839062	1864114	1864541	1.38	cps
Lead	208-1	8433204	8244048	8367454	8348235	1.15	cps
Lithium	6-1	545919	544876	545143	545313	0.10	cps
Magnesium	24-2	896149	890535	896552	894412	0.38	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:34:47	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	153961	154044	154453	154153	0.17	cps
Molybdenum	94-1	4883878	4871445	4885303	4880209	0.16	cps
Molybdenum	95-1	5960776	5996559	6006131	5987822	0.40	cps
Molybdenum	96-1	6659939	6592022	6652430	6634797	0.56	cps
Molybdenum	97-1	3744145	3761797	3731324	3745756	0.41	cps
Molybdenum	98-1	9624247	9623070	9559844	9602387	0.38	cps
Neodymium	150-1	107	147	167	140	21.82	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	167689	167432	168489	167870	0.33	cps
Phosphorus	31-2	2942	2675	2967	2862	5.65	cps
Potassium	39-2	259900	258372	256223	258165	0.72	cps
Rhodium	103-1	4090173	4094914	4129903	4104997	0.53	cps
Rhodium	103-2	1183050	1185676	1188773	1185833	0.24	cps
Scandium	45-1	2366823	2347982	2390695	2368500	0.90	cps
Scandium	45-2	20639	20709	20118	20488	1.58	cps
Selenium	77-2	273	283	253	270	5.66	cps
Selenium	78-2	896	865	802	854	5.63	cps
Selenium	82-1	39933	39789	39509	39744	0.54	cps
Silicon	28-1	1392149	1404702	1386689	1394513	0.66	cps
Silver	109-1	3026576	3047365	3034223	3036055	0.35	cps
Silver	107-1	3164396	3091586	3160769	3138917	1.31	cps
Sodium	23-2	2063320	2041393	2036593	2047102	0.70	cps
Strontium	86-1	761517	766928	764237	764227	0.35	cps
Strontium	88-1	6657937	6690451	6658595	6668995	0.28	cps
Sulfur	34-1	445720	443364	443012	444032	0.33	cps
Terbium	159-1	5959548	5944436	5914335	5939440	0.39	cps
Terbium	159-2	1292468	1307098	1304435	1301334	0.60	cps
Thallium	203-1	2538768	2523509	2529370	2530549	0.30	cps
Thallium	205-1	6003093	5896412	5992627	5964044	0.99	cps
Tin	118-1	2067124	2059169	2066606	2064300	0.22	cps
Titanium	47-1	1485543	1479501	1490515	1485186	0.37	cps
Uranium	238-1	8054369	7882579	7984420	7973790	1.08	cps
Vanadium	51-2	199692	197477	197485	198218	0.64	cps
Yttrium	89-1	4651866	4704197	4666011	4674025	0.58	cps
Yttrium	89-2	160287	158608	160267	159721	0.60	cps
Zinc	66-2	95341	94590	95489	95140	0.51	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:34:47	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4141023	4092654	4135269	4122982	0.64	cps
Zirconium	91-1	900823	909533	910727	907028	0.60	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 16:38:19 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	71037	73289	70266	71531	2.20	cps
Antimony	121-1	6140968	6089688	6058400	6096352	0.68	cps
Arsenic	75-2	72042	71664	70672	71459	0.99	cps
Barium	135-1	6359329	6362644	6393284	6371752	0.29	cps
Barium	137-1	11254329	11155063	11206210	11205201	0.44	cps
Beryllium	9-1	595924	590558	593907	593463	0.46	cps
Bismuth	209-1	3961269	3945307	3960273	3955617	0.23	cps
Bismuth	209-2	1121462	1125269	1126057	1124263	0.22	cps
Boron	10-1	66506	67384	68531	67473	1.50	cps
Boron	11-1	312461	322265	321317	318681	1.70	cps
Cadmium	111-1	1257534	1262111	1255120	1258255	0.28	cps
Cadmium	106-1	134204	130847	131680	132243	1.32	cps
Cadmium	108-1	89281	88652	90275	89402	0.92	cps
Calcium	43-1	1132682	1133229	1130282	1132064	0.14	cps
Calcium	44-1	18472451	18700629	18604381	18592487	0.62	cps
Chromium	52-2	497241	494684	493810	495245	0.36	cps
Cobalt	59-2	1092863	1084560	1086886	1088103	0.39	cps
Copper	63-2	1900270	1920691	1898503	1906488	0.65	cps
Dysprosium	156-1	92	50	50	64	37.66	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	17	33	17	22	43.28	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	58	67	33	53	32.88	cps
Gadolinium	160-2	7	7	13	9	43.25	cps
Holmium	165-1	5855531	5876310	5916601	5882814	0.53	cps
Holmium	165-2	1364513	1363523	1363587	1363874	0.04	cps
Indium	115-1	4445685	4461610	4467372	4458222	0.25	cps
Indium	115-2	206825	205651	204806	205761	0.49	cps
Iron	56-2	17009833	16796427	16746198	16850820	0.83	cps
Iron	57-2	431364	429241	422489	427698	1.08	cps
Krypton	83-1	393	350	380	374	5.93	cps
Lead	206-1	4056939	4084654	4091604	4077732	0.45	cps
Lead	207-1	3753294	3744429	3806169	3767964	0.89	cps
Lead	208-1	16659978	16611994	16828170	16700047	0.68	cps
Lithium	6-1	541481	538708	537754	539315	0.36	cps
Magnesium	24-2	1740604	1726589	1684302	1717165	1.71	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:38:19	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	292056	290689	286841	289862	0.93	cps
Molybdenum	94-1	9700226	9672608	9603247	9658694	0.52	cps
Molybdenum	95-1	11910266	11881650	11895161	11895692	0.12	cps
Molybdenum	96-1	13285778	13142116	13089907	13172601	0.77	cps
Molybdenum	97-1	7372950	7363802	7313329	7350027	0.44	cps
Molybdenum	98-1	19094667	19000618	19134692	19076659	0.36	cps
Neodymium	150-1	233	247	227	236	4.32	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	320626	313902	313560	316029	1.26	cps
Phosphorus	31-2	5051	5451	4984	5162	4.89	cps
Potassium	39-2	489881	474961	478475	481106	1.62	cps
Rhodium	103-1	4083717	4039299	4053075	4058697	0.56	cps
Rhodium	103-2	1139764	1148542	1151241	1146516	0.52	cps
Scandium	45-1	2351539	2341416	2343928	2345628	0.22	cps
Scandium	45-2	19721	18903	19430	19351	2.14	cps
Selenium	77-2	440	473	473	462	4.16	cps
Selenium	78-2	1580	1626	1663	1623	2.57	cps
Selenium	82-1	78038	78860	78141	78346	0.57	cps
Silicon	28-1	2147091	2143632	2153651	2148124	0.24	cps
Silver	109-1	5972317	5885304	5916072	5924564	0.74	cps
Silver	107-1	6148782	6118674	6098013	6121823	0.42	cps
Sodium	23-2	3831629	3818999	3770594	3807074	0.85	cps
Strontium	86-1	1539713	1555025	1531366	1542034	0.78	cps
Strontium	88-1	13221452	13123501	13254464	13199806	0.52	cps
Sulfur	34-1	594631	600386	589830	594949	0.89	cps
Terbium	159-1	6015973	5990813	6018732	6008506	0.26	cps
Terbium	159-2	1302003	1290038	1295020	1295687	0.46	cps
Thallium	203-1	4992519	4940967	5056935	4996807	1.16	cps
Thallium	205-1	11847459	11915304	11921039	11894601	0.34	cps
Tin	118-1	4106822	4108440	4113645	4109636	0.09	cps
Titanium	47-1	2906690	2891287	2860086	2886021	0.82	cps
Uranium	238-1	16104093	16376696	16398886	16293225	1.01	cps
Vanadium	51-2	380026	376495	376179	377567	0.57	cps
Yttrium	89-1	4635560	4627482	4660145	4641062	0.37	cps
Yttrium	89-2	154152	153878	154506	154179	0.20	cps
Zinc	66-2	177482	178454	178539	178158	0.33	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:38:19	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8102258	8155424	8024415	8094032	0.81	cps
Zirconium	91-1	1864166	1861733	1834905	1853601	0.88	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:41:48	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	365823	368361	374266	369483	1.17	cps
Antimony	121-1	18906	21435	23981	21440	11.83	cps
Arsenic	75-2	135	139	144	140	3.34	cps
Barium	135-1	1700	1800	1900	1800	5.56	cps
Barium	137-1	3109	2767	3251	3042	8.17	cps
Beryllium	9-1	628	633	628	630	0.51	cps
Bismuth	209-1	3800154	3754812	3806558	3787174	0.74	cps
Bismuth	209-2	1059027	1063795	1066870	1063231	0.37	cps
Boron	10-1	3317	3025	2609	2984	11.93	cps
Boron	11-1	15901	15442	13790	15045	7.38	cps
Cadmium	111-1	803	868	908	860	6.14	cps
Cadmium	106-1	825	925	942	897	7.03	cps
Cadmium	108-1	17	42	38	32	41.92	cps
Calcium	43-1	5796386	5802281	5831197	5809955	0.32	cps
Calcium	44-1	95755550	95193958	95550946	95500151	0.30	cps
Chromium	52-2	13944	13987	14308	14079	1.41	cps
Cobalt	59-2	13360	14001	13674	13678	2.34	cps
Copper	63-2	2234	2330	2364	2309	2.93	cps
Dysprosium	156-1	42	75	33	50	44.10	cps
Dysprosium	156-2	0	7	17	8	107.84	cps
Erbium	164-1	50	42	17	36	48.03	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	100	67	33	67	50.01	cps
Gadolinium	160-2	17	30	13	20	44.10	cps
Holmium	165-1	5839989	5815828	5783964	5813261	0.48	cps
Holmium	165-2	1349089	1359727	1360995	1356604	0.48	cps
Indium	115-1	4324583	4312131	4308052	4314922	0.20	cps
Indium	115-2	207787	209197	209689	208891	0.47	cps
Iron	56-2	83879441	84560724	85431338	84623834	0.92	cps
Iron	57-2	2183035	2229724	2183961	2198907	1.21	cps
Krypton	83-1	343	340	360	348	3.08	cps
Lead	206-1	22982	22520	22765	22756	1.02	cps
Lead	207-1	19894	18776	18809	19159	3.32	cps
Lead	208-1	91710	88462	89236	89803	1.89	cps
Lithium	6-1	549568	551917	559038	553507	0.89	cps
Magnesium	24-2	8619686	8655591	8734557	8669945	0.68	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:41:48	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1073	1053	1017	1048	2.74	cps
Molybdenum	94-1	11797	12648	13616	12687	7.17	cps
Molybdenum	95-1	19615	21234	20867	20572	4.13	cps
Molybdenum	96-1	21852	24072	24256	23393	5.72	cps
Molybdenum	97-1	11897	12882	13766	12848	7.27	cps
Molybdenum	98-1	31229	34077	34796	33367	5.65	cps
Neodymium	150-1	53	140	53	82	60.85	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	8873	8776	8636	8762	1.36	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2524108	2528402	2558225	2536912	0.73	cps
Rhodium	103-1	3819469	3870003	3849120	3846197	0.66	cps
Rhodium	103-2	1100615	1109472	1108275	1106120	0.43	cps
Scandium	45-1	2297443	2296869	2330890	2308401	0.84	cps
Scandium	45-2	20335	20118	19701	20051	1.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	11	6	6	75.49	cps
Selenium	82-1	104	81	103	96	13.42	cps
Silicon	28-1	473547	487887	493469	484967	2.12	cps
Silver	109-1	508	583	508	533	8.12	cps
Silver	107-1	575	375	525	492	21.17	cps
Sodium	23-2	19435049	19370795	19768918	19524921	1.09	cps
Strontium	86-1	50335	50419	51949	50901	1.78	cps
Strontium	88-1	441996	441012	439271	440760	0.31	cps
Sulfur	34-1	262816	265776	261552	263381	0.82	cps
Terbium	159-1	5945101	5847363	5967735	5920067	1.08	cps
Terbium	159-2	1273902	1289671	1279296	1280956	0.63	cps
Thallium	203-1	2884	2700	2692	2759	3.93	cps
Thallium	205-1	7628	6869	6427	6974	8.71	cps
Tin	118-1	11555	11806	11722	11694	1.09	cps
Titanium	47-1	1642	1692	1909	1747	8.11	cps
Uranium	238-1	1484	1600	1525	1536	3.85	cps
Vanadium	51-2	160	167	173	167	4.00	cps
Yttrium	89-1	4535723	4523133	4532109	4530321	0.14	cps
Yttrium	89-2	155241	157345	156050	156212	0.68	cps
Zinc	66-2	1047	1050	1043	1047	0.32	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:41:48	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2400	2384	2359	2381	0.88	cps
Zirconium	91-1	475	433	408	439	7.67	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:49:46	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1775	2000	1942	1906	6.13	cps
Antimony	121-1	1144809	1155637	1152904	1151116	0.49	cps
Arsenic	75-2	14878	14697	14749	14775	0.63	cps
Barium	135-1	122478	124287	124751	123839	0.97	cps
Barium	137-1	215991	215452	216209	215884	0.18	cps
Beryllium	9-1	57889	58838	58352	58359	0.81	cps
Bismuth	209-1	3942129	3851768	3850233	3881377	1.36	cps
Bismuth	209-2	1139630	1138736	1147296	1141887	0.41	cps
Boron	10-1	41269	44194	45155	43539	4.65	cps
Boron	11-1	204742	206490	205748	205660	0.43	cps
Cadmium	111-1	126999	127820	128607	127808	0.63	cps
Cadmium	106-1	21660	21960	21735	21785	0.72	cps
Cadmium	108-1	11559	12227	11192	11659	4.50	cps
Calcium	43-1	24338	26000	25048	25129	3.32	cps
Calcium	44-1	394794	399263	400835	398298	0.79	cps
Chromium	52-2	50320	51167	51354	50947	1.08	cps
Cobalt	59-2	114892	116283	115927	115701	0.62	cps
Copper	63-2	101423	100590	99536	100517	0.94	cps
Dysprosium	156-1	8	25	33	22	57.29	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	92	25	33	50	72.65	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	58	50	17	42	52.91	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	5736230	5679210	5748730	5721390	0.65	cps
Holmium	165-2	1346566	1349378	1352892	1349612	0.23	cps
Indium	115-1	4439671	4483173	4466346	4463063	0.49	cps
Indium	115-2	217879	218713	219113	218568	0.29	cps
Iron	56-2	360883	356087	358949	358640	0.67	cps
Iron	57-2	9259	9231	9398	9296	0.96	cps
Krypton	83-1	327	347	347	340	3.40	cps
Lead	206-1	780154	781183	781303	780880	0.08	cps
Lead	207-1	691559	678360	686101	685340	0.97	cps
Lead	208-1	3147468	3130381	3147058	3141635	0.31	cps
Lithium	6-1	516629	516386	520483	517833	0.44	cps
Magnesium	24-2	23178	21734	21884	22265	3.57	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:49:46	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	15439	15225	15559	15408	1.10	cps
Molybdenum	94-1	2362827	2359086	2332735	2351549	0.70	cps
Molybdenum	95-1	1270151	1275557	1275889	1273865	0.25	cps
Molybdenum	96-1	1665369	1682347	1665092	1670936	0.59	cps
Molybdenum	97-1	794914	805194	797153	799087	0.68	cps
Molybdenum	98-1	2074170	2081728	2087314	2081071	0.32	cps
Neodymium	150-1	33	20	13	22	45.83	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	34503	34650	34302	34485	0.51	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	23045	22469	23036	22850	1.45	cps
Rhodium	103-1	4150380	4184090	4151392	4161954	0.46	cps
Rhodium	103-2	1214747	1207211	1212119	1211359	0.32	cps
Scandium	45-1	2371640	2379749	2361885	2371091	0.38	cps
Scandium	45-2	20769	20829	21216	20938	1.16	cps
Selenium	77-2	107	93	150	117	25.39	cps
Selenium	78-2	320	359	348	343	5.85	cps
Selenium	82-1	15364	15268	15380	15337	0.39	cps
Silicon	28-1	1305165	1305683	1299524	1303457	0.26	cps
Silver	109-1	570556	574912	569856	571775	0.48	cps
Silver	107-1	597622	600170	599662	599152	0.23	cps
Sodium	23-2	86780	85893	85514	86062	0.76	cps
Strontium	86-1	813353	821993	819827	818391	0.55	cps
Strontium	88-1	7115438	7080539	7098663	7098213	0.25	cps
Sulfur	34-1	247260	249834	247471	248189	0.58	cps
Terbium	159-1	5769777	5853357	5789675	5804270	0.75	cps
Terbium	159-2	1284757	1286273	1283676	1284902	0.10	cps
Thallium	203-1	974045	976495	978245	976262	0.22	cps
Thallium	205-1	2372130	2404375	2388099	2388201	0.68	cps
Tin	118-1	2201576	2203884	2252354	2219271	1.29	cps
Titanium	47-1	311387	313597	310760	311915	0.48	cps
Uranium	238-1	8855845	8870650	8880900	8869132	0.14	cps
Vanadium	51-2	39155	38446	38978	38859	0.95	cps
Yttrium	89-1	4625119	4632217	4608006	4621781	0.27	cps
Yttrium	89-2	162790	161360	160770	161640	0.64	cps
Zinc	66-2	19410	18890	19167	19156	1.36	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:49:46	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4383384	4356694	4438309	4392796	0.95	cps
Zirconium	91-1	962656	966329	970551	966512	0.41	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 16:56:04 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	17	14	34.67	cps
Antimony	121-1	3034	4142	5468	4215	28.91	cps
Arsenic	75-2	19	15	19	17	12.39	cps
Barium	135-1	33	25	50	36	35.25	cps
Barium	137-1	50	58	17	42	52.91	cps
Beryllium	9-1	172	211	172	185	12.12	cps
Bismuth	209-1	3873426	3868258	3840388	3860691	0.46	cps
Bismuth	209-2	1138903	1138323	1147423	1141550	0.45	cps
Boron	10-1	600	500	500	533	10.83	cps
Boron	11-1	3025	2984	2859	2956	2.94	cps
Cadmium	111-1	510	552	610	557	9.01	cps
Cadmium	106-1	683	767	842	764	10.37	cps
Cadmium	108-1	8	8	0	6	86.60	cps
Calcium	43-1	600	617	675	631	6.25	cps
Calcium	44-1	8278	8194	7828	8100	2.96	cps
Chromium	52-2	220	263	283	256	12.67	cps
Cobalt	59-2	63	63	63	63	0.01	cps
Copper	63-2	147	103	113	121	18.73	cps
Dysprosium	156-1	42	0	17	19	107.85	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	8	25	17	50.01	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	33	17	25	25	33.32	cps
Gadolinium	160-2	3	0	7	3	100.05	cps
Holmium	165-1	5652007	5683079	5684877	5673321	0.33	cps
Holmium	165-2	1350139	1351035	1351571	1350915	0.05	cps
Indium	115-1	4466576	4479591	4512543	4486237	0.53	cps
Indium	115-2	226087	222304	224292	224228	0.84	cps
Iron	56-2	1972	1800	1945	1906	4.85	cps
Iron	57-2	56	28	106	63	62.60	cps
Krypton	83-1	417	350	287	351	18.52	cps
Lead	206-1	356	378	356	363	3.54	cps
Lead	207-1	194	372	244	270	33.91	cps
Lead	208-1	1228	1572	1261	1354	14.03	cps
Lithium	6-1	506673	515725	511945	511448	0.89	cps
Magnesium	24-2	883	925	975	928	4.95	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 16:56:04 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10	13	17	13	25.01	cps
Molybdenum	94-1	883	875	1142	967	15.68	cps
Molybdenum	95-1	883	1317	1575	1258	27.78	cps
Molybdenum	96-1	1100	1659	1784	1514	24.03	cps
Molybdenum	97-1	758	908	858	842	9.07	cps
Molybdenum	98-1	1550	1950	2617	2039	26.43	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	787	653	683	708	9.88	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2192	2425	2509	2375	6.91	cps
Rhodium	103-1	4098419	4198996	4224076	4173830	1.59	cps
Rhodium	103-2	1232253	1218176	1227293	1225907	0.58	cps
Scandium	45-1	2340936	2361954	2360711	2354534	0.50	cps
Scandium	45-2	21083	20912	20986	20994	0.41	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	-71	-46	37	-27	-210.43	cps
Silicon	28-1	302686	299198	303063	301649	0.71	cps
Silver	109-1	92	67	25	61	55.11	cps
Silver	107-1	58	67	75	67	12.49	cps
Sodium	23-2	4618	4659	4259	4512	4.88	cps
Strontium	86-1	567	433	525	508	13.42	cps
Strontium	88-1	150	150	158	153	3.15	cps
Sulfur	34-1	252926	253179	253227	253111	0.06	cps
Terbium	159-1	5740717	5768547	5739598	5749621	0.29	cps
Terbium	159-2	1296432	1296119	1290282	1294278	0.27	cps
Thallium	203-1	625	633	600	619	2.80	cps
Thallium	205-1	1417	1550	1400	1456	5.65	cps
Tin	118-1	1200	1408	1684	1431	16.95	cps
Titanium	47-1	158	108	192	153	27.45	cps
Uranium	238-1	117	142	183	147	22.88	cps
Vanadium	51-2	0	7	3	3	100.05	cps
Yttrium	89-1	4588034	4588670	4580734	4585813	0.10	cps
Yttrium	89-2	162932	162503	162510	162648	0.15	cps
Zinc	66-2	33	70	43	49	38.78	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:56:04	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	642	558	542	581	9.23	cps
Zirconium	91-1	125	183	125	144	23.31	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:59:28	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	340745	339829	341018	340531	0.18	cps
Antimony	121-1	8895	9854	9829	9526	5.74	cps
Arsenic	75-2	24	30	37	30	21.51	cps
Barium	135-1	1909	1959	1967	1945	1.62	cps
Barium	137-1	3359	3534	3226	3373	4.59	cps
Beryllium	9-1	233	317	250	267	16.54	cps
Bismuth	209-1	3796604	3779755	3797540	3791300	0.26	cps
Bismuth	209-2	1103826	1105757	1111841	1107142	0.38	cps
Boron	10-1	717	733	683	711	3.58	cps
Boron	11-1	3384	3250	3226	3287	2.59	cps
Cadmium	111-1	963	988	1037	996	3.79	cps
Cadmium	106-1	858	792	817	822	4.10	cps
Cadmium	108-1	596	529	579	568	6.11	cps
Calcium	43-1	1112976	1128777	1123962	1121905	0.72	cps
Calcium	44-1	18377265	18533581	18409714	18440187	0.45	cps
Chromium	52-2	12112	12025	12259	12132	0.97	cps
Cobalt	59-2	1453	1327	1337	1372	5.13	cps
Copper	63-2	7729	7656	7536	7640	1.28	cps
Dysprosium	156-1	42	17	42	33	43.30	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	58	25	33	39	44.62	cps
Erbium	164-2	13	13	7	11	34.61	cps
Gadolinium	160-1	67	50	58	58	14.29	cps
Gadolinium	160-2	7	7	13	9	43.25	cps
Holmium	165-1	5976031	5770877	5827864	5858257	1.81	cps
Holmium	165-2	1363240	1366176	1372209	1367208	0.33	cps
Indium	115-1	4535464	4487072	4538325	4520287	0.64	cps
Indium	115-2	215158	216348	218439	216648	0.77	cps
Iron	56-2	34643161	34256154	34502147	34467154	0.57	cps
Iron	57-2	876262	865922	870241	870808	0.60	cps
Krypton	83-1	323	357	357	346	5.57	cps
Lead	206-1	19560	18926	19009	19165	1.80	cps
Lead	207-1	15198	14959	15154	15104	0.84	cps
Lead	208-1	73234	72388	72962	72861	0.59	cps
Lithium	6-1	488322	485009	482594	485308	0.59	cps
Magnesium	24-2	1727214	1689457	1693309	1703327	1.22	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:59:28	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1267	1223	1213	1235	2.30	cps
Molybdenum	94-1	2641183	2692063	2668336	2667194	0.95	cps
Molybdenum	95-1	4690041	4648905	4642330	4660425	0.55	cps
Molybdenum	96-1	4977715	4945468	4944937	4956040	0.38	cps
Molybdenum	97-1	2921189	2888666	2863331	2891062	1.00	cps
Molybdenum	98-1	7470961	7405663	7335528	7404051	0.91	cps
Neodymium	150-1	7	47	20	24	83.31	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	3064	3090	3144	3099	1.31	cps
Phosphorus	31-2	27093	26350	26142	26528	1.89	cps
Potassium	39-2	999022	993215	993301	995179	0.33	cps
Rhodium	103-1	4130691	4028453	4062376	4073840	1.28	cps
Rhodium	103-2	1177342	1175072	1177779	1176731	0.12	cps
Scandium	45-1	2355568	2365477	2337053	2352699	0.61	cps
Scandium	45-2	20262	20508	20061	20277	1.10	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	67	-42	-43	-6	-1042.19	cps
Silicon	28-1	370656	374821	371410	372296	0.60	cps
Silver	109-1	467	408	517	464	11.69	cps
Silver	107-1	458	492	475	475	3.51	cps
Sodium	23-2	3875671	3865787	3863989	3868482	0.16	cps
Strontium	86-1	51573	52025	52727	52109	1.12	cps
Strontium	88-1	448892	452119	444899	448637	0.81	cps
Sulfur	34-1	1667857	1648846	1652536	1656413	0.61	cps
Terbium	159-1	5920384	5933214	5947295	5933631	0.23	cps
Terbium	159-2	1301754	1292389	1297999	1297381	0.36	cps
Thallium	203-1	1467	1542	1542	1517	2.85	cps
Thallium	205-1	3226	3159	3284	3223	1.94	cps
Tin	118-1	1950	1834	2528	2104	17.66	cps
Titanium	47-1	1133374	1129643	1128798	1130605	0.22	cps
Uranium	238-1	392	375	408	392	4.26	cps
Vanadium	51-2	87	77	100	88	13.33	cps
Yttrium	89-1	4676673	4692283	4640578	4669844	0.57	cps
Yttrium	89-2	159552	160132	159593	159759	0.20	cps
Zinc	66-2	1223	1193	1057	1158	7.67	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 16:59:28	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2817	2600	2709	2709	4.00	cps
Zirconium	91-1	717	692	583	664	10.68	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:02:48	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	334311	334646	333993	334317	0.10	cps
Antimony	121-1	126131	128337	127697	127389	0.89	cps
Arsenic	75-2	1411	1476	1437	1441	2.26	cps
Barium	135-1	28891	26995	27288	27724	3.68	cps
Barium	137-1	47528	48297	48456	48094	1.03	cps
Beryllium	9-1	11449	11677	11516	11548	1.01	cps
Bismuth	209-1	3862441	3857105	3912485	3877344	0.79	cps
Bismuth	209-2	1110610	1101462	1103468	1105180	0.44	cps
Boron	10-1	3617	3834	4026	3826	5.34	cps
Boron	11-1	18905	18938	18938	18927	0.10	cps
Cadmium	111-1	25331	25382	25866	25526	1.16	cps
Cadmium	106-1	3476	3692	3959	3709	6.53	cps
Cadmium	108-1	2529	2292	2488	2436	5.21	cps
Calcium	43-1	1119462	1121150	1113091	1117901	0.38	cps
Calcium	44-1	18425787	18366058	18419038	18403628	0.18	cps
Chromium	52-2	21670	22134	21907	21904	1.06	cps
Cobalt	59-2	23086	23503	23286	23292	0.90	cps
Copper	63-2	26953	26993	26496	26814	1.03	cps
Dysprosium	156-1	25	33	17	25	33.32	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	42	25	50	39	32.73	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	67	17	83	56	62.45	cps
Gadolinium	160-2	7	3	17	9	78.08	cps
Holmium	165-1	5945637	5920967	5955093	5940566	0.30	cps
Holmium	165-2	1371176	1363885	1367619	1367560	0.27	cps
Indium	115-1	4559044	4556757	4602263	4572688	0.56	cps
Indium	115-2	216573	212985	213354	214304	0.92	cps
Iron	56-2	33864793	33615354	33364513	33614887	0.74	cps
Iron	57-2	856494	850277	843800	850190	0.75	cps
Krypton	83-1	303	387	410	367	15.29	cps
Lead	206-1	102090	99902	102186	101393	1.27	cps
Lead	207-1	84743	83636	84865	84415	0.80	cps
Lead	208-1	393795	389873	394415	392694	0.63	cps
Lithium	6-1	481653	489396	495229	488759	1.39	cps
Magnesium	24-2	1695386	1659231	1655072	1669896	1.33	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:02:48	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4154	4241	4391	4262	2.81	cps
Molybdenum	94-1	2868857	2852029	2883042	2867976	0.54	cps
Molybdenum	95-1	4766608	4803033	4791406	4787016	0.39	cps
Molybdenum	96-1	5140589	5088610	5114760	5114653	0.51	cps
Molybdenum	97-1	2966702	2986740	2977860	2977100	0.34	cps
Molybdenum	98-1	7512112	7650492	7597091	7586565	0.92	cps
Neodymium	150-1	20	27	27	24	15.75	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	9433	9557	9653	9548	1.16	cps
Phosphorus	31-2	24756	25574	26016	25449	2.51	cps
Potassium	39-2	974716	962607	958831	965384	0.86	cps
Rhodium	103-1	4075417	4105995	4117160	4099524	0.53	cps
Rhodium	103-2	1168532	1167195	1165521	1167083	0.13	cps
Scandium	45-1	2321367	2329656	2313224	2321416	0.35	cps
Scandium	45-2	19808	19777	19687	19757	0.32	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	33	26	50	36	33.85	cps
Selenium	82-1	1535	1497	1456	1496	2.66	cps
Silicon	28-1	469817	468458	465277	467851	0.50	cps
Silver	109-1	110190	111274	112585	111350	1.08	cps
Silver	107-1	114592	115214	114483	114763	0.34	cps
Sodium	23-2	3827454	3797900	3765028	3796794	0.82	cps
Strontium	86-1	123269	122545	121605	122473	0.68	cps
Strontium	88-1	1077069	1054139	1062978	1064728	1.09	cps
Sulfur	34-1	1631708	1646854	1625452	1634671	0.67	cps
Terbium	159-1	6013391	5955194	5973596	5980727	0.50	cps
Terbium	159-2	1303576	1296563	1294361	1298167	0.37	cps
Thallium	203-1	101294	102175	101529	101666	0.45	cps
Thallium	205-1	242060	241986	244263	242769	0.53	cps
Tin	118-1	187929	186830	190090	188283	0.88	cps
Titanium	47-1	1145405	1151353	1139134	1145297	0.53	cps
Uranium	238-1	735605	741485	741053	739381	0.44	cps
Vanadium	51-2	7532	7809	7512	7618	2.18	cps
Yttrium	89-1	4731630	4612569	4697886	4680695	1.31	cps
Yttrium	89-2	158066	157148	156212	157142	0.59	cps
Zinc	66-2	2807	2944	2857	2869	2.41	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:02:48	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	375778	375916	376290	375995	0.07	cps
Zirconium	91-1	83800	83766	83095	83554	0.48	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:06:09	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	195724	196999	198851	197191	0.80	cps
Antimony	121-1	3121616	3116322	3081514	3106484	0.70	cps
Arsenic	75-2	37090	37118	37785	37331	1.05	cps
Barium	135-1	3345168	3303921	3281666	3310251	0.97	cps
Barium	137-1	5810283	5800672	5695479	5768811	1.10	cps
Beryllium	9-1	294047	295399	294342	294596	0.24	cps
Bismuth	209-1	3917545	3843026	3859551	3873374	1.01	cps
Bismuth	209-2	1091881	1093267	1091041	1092063	0.10	cps
Boron	10-1	33198	33315	33566	33359	0.56	cps
Boron	11-1	154136	158863	161669	158223	2.41	cps
Cadmium	111-1	629453	627823	622427	626567	0.59	cps
Cadmium	106-1	66624	66841	66464	66643	0.28	cps
Cadmium	108-1	44494	45000	45038	44844	0.68	cps
Calcium	43-1	2890513	2918618	2901952	2903695	0.49	cps
Calcium	44-1	47039501	46960060	46667538	46889033	0.42	cps
Chromium	52-2	266010	267767	269434	267737	0.64	cps
Cobalt	59-2	561868	564130	565110	563703	0.29	cps
Copper	63-2	956333	956690	953620	955548	0.18	cps
Dysprosium	156-1	58	58	83	67	21.65	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	58	58	33	50	28.86	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	25	58	33	39	44.62	cps
Gadolinium	160-2	10	7	10	9	21.63	cps
Holmium	165-1	5948521	5943703	5836268	5909497	1.07	cps
Holmium	165-2	1364963	1359199	1357260	1360474	0.29	cps
Indium	115-1	4501721	4413163	4435946	4450276	1.03	cps
Indium	115-2	210538	210161	209796	210165	0.18	cps
Iron	56-2	43569894	43963940	43838386	43790740	0.46	cps
Iron	57-2	1103818	1115168	1110059	1109682	0.51	cps
Krypton	83-1	330	377	367	358	6.87	cps
Lead	206-1	2097418	2052045	2047835	2065766	1.33	cps
Lead	207-1	1918202	1933727	1894944	1915624	1.02	cps
Lead	208-1	8593702	8555568	8420858	8523376	1.07	cps
Lithium	6-1	503815	504767	503474	504019	0.13	cps
Magnesium	24-2	4269379	4284008	4283635	4279007	0.19	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:06:09	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	151609	153735	153489	152944	0.76	cps
Molybdenum	94-1	4951606	4979214	4979135	4969985	0.32	cps
Molybdenum	95-1	6096280	6090336	6050364	6078993	0.41	cps
Molybdenum	96-1	6787383	6746186	6787343	6773637	0.35	cps
Molybdenum	97-1	3790133	3825705	3766401	3794080	0.79	cps
Molybdenum	98-1	9812999	9762394	9645919	9740438	0.88	cps
Neodymium	150-1	207	147	140	164	22.33	cps
Neodymium	150-2	17	3	10	10	66.70	cps
Nickel	60-2	164258	166020	163450	164576	0.80	cps
Phosphorus	31-2	2925	2792	2850	2856	2.34	cps
Potassium	39-2	1281977	1296073	1306897	1294982	0.96	cps
Rhodium	103-1	4012887	4018438	3958135	3996487	0.83	cps
Rhodium	103-2	1145694	1143734	1142291	1143906	0.15	cps
Scandium	45-1	2333059	2335227	2340996	2336427	0.18	cps
Scandium	45-2	20422	20165	20508	20365	0.88	cps
Selenium	77-2	200	237	223	220	8.43	cps
Selenium	78-2	874	819	870	854	3.64	cps
Selenium	82-1	39832	39310	39201	39448	0.86	cps
Silicon	28-1	1264949	1274676	1277658	1272428	0.52	cps
Silver	109-1	2962998	2994944	2972025	2976656	0.55	cps
Silver	107-1	3135746	3063771	3110612	3103376	1.18	cps
Sodium	23-2	9857921	9957191	9972378	9929163	0.63	cps
Strontium	86-1	799344	796309	791747	795800	0.48	cps
Strontium	88-1	6944597	6888259	6940338	6924398	0.45	cps
Sulfur	34-1	399741	404242	401972	401985	0.56	cps
Terbium	159-1	6056289	6099586	6025113	6060329	0.62	cps
Terbium	159-2	1306831	1293277	1287570	1295893	0.76	cps
Thallium	203-1	2535997	2553000	2542376	2543791	0.34	cps
Thallium	205-1	6048681	6003944	6018939	6023855	0.38	cps
Tin	118-1	2106466	2104003	2109987	2106819	0.14	cps
Titanium	47-1	1468037	1478504	1471144	1472562	0.37	cps
Uranium	238-1	8459701	8317487	8227837	8335008	1.40	cps
Vanadium	51-2	198883	199185	199077	199048	0.08	cps
Yttrium	89-1	4640416	4640365	4615194	4631992	0.31	cps
Yttrium	89-2	159441	159631	157701	158924	0.67	cps
Zinc	66-2	89671	92241	92059	91324	1.57	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:06:09	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4202688	4175548	4134214	4170817	0.83	cps
Zirconium	91-1	924851	925554	911744	920716	0.84	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P8
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:14:00	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	33	17	86.62	cps
Antimony	121-1	3776	4734	5693	4734	20.25	cps
Arsenic	75-2	11	13	13	12	8.65	cps
Barium	135-1	17	17	8	14	34.67	cps
Barium	137-1	67	58	67	64	7.53	cps
Beryllium	9-1	206	167	161	178	13.62	cps
Bismuth	209-1	3989427	3957431	3968572	3971810	0.41	cps
Bismuth	209-2	1151427	1137700	1138965	1142697	0.66	cps
Boron	10-1	675	508	633	606	14.32	cps
Boron	11-1	2692	2675	2650	2673	0.79	cps
Cadmium	111-1	508	574	552	545	6.23	cps
Cadmium	106-1	692	833	775	767	9.29	cps
Cadmium	108-1	8	25	4	13	88.19	cps
Calcium	43-1	525	600	633	586	9.47	cps
Calcium	44-1	8253	8378	8720	8450	2.86	cps
Chromium	52-2	217	260	207	228	12.45	cps
Cobalt	59-2	53	73	53	60	19.25	cps
Copper	63-2	100	137	137	124	17.01	cps
Dysprosium	156-1	0	42	33	25	88.19	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	33	17	25	25	33.32	cps
Gadolinium	160-2	7	3	17	9	78.08	cps
Holmium	165-1	5783433	5712680	5904916	5800343	1.68	cps
Holmium	165-2	1351913	1344588	1349584	1348695	0.28	cps
Indium	115-1	4655865	4550276	4590937	4599026	1.16	cps
Indium	115-2	219573	218094	217924	218531	0.42	cps
Iron	56-2	2989	2717	2739	2815	5.37	cps
Iron	57-2	44	128	89	87	47.90	cps
Krypton	83-1	317	343	297	319	7.34	cps
Lead	206-1	556	500	506	520	5.88	cps
Lead	207-1	539	433	400	457	15.85	cps
Lead	208-1	2400	1950	2017	2122	11.44	cps
Lithium	6-1	507768	508896	507749	508138	0.13	cps
Magnesium	24-2	825	1058	1133	1006	15.99	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : CCB31 Instrumnet Name : P8
 Client Sample ID : CCB31 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 17:14:00 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13	33	13	20	57.74	cps
Molybdenum	94-1	1217	1500	1800	1506	19.38	cps
Molybdenum	95-1	1483	2034	2667	2061	28.73	cps
Molybdenum	96-1	1892	2134	2959	2328	24.03	cps
Molybdenum	97-1	1067	1450	1684	1400	22.24	cps
Molybdenum	98-1	2367	3692	4443	3501	30.02	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	590	740	710	680	11.67	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	2017	2334	2275	2209	7.63	cps
Rhodium	103-1	4183483	4158264	4216703	4186150	0.70	cps
Rhodium	103-2	1209823	1203181	1204643	1205882	0.29	cps
Scandium	45-1	2291752	2324470	2351908	2322710	1.30	cps
Scandium	45-2	19637	20028	19721	19795	1.04	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-14	16	38	13	198.11	cps
Silicon	28-1	289323	289433	290416	289724	0.21	cps
Silver	109-1	125	117	133	125	6.67	cps
Silver	107-1	183	192	75	150	43.39	cps
Sodium	23-2	5385	5385	5518	5429	1.42	cps
Strontium	86-1	400	475	542	472	15.01	cps
Strontium	88-1	92	150	67	103	41.61	cps
Sulfur	34-1	241539	244241	243851	243211	0.60	cps
Terbium	159-1	5957797	5864347	5895822	5905989	0.81	cps
Terbium	159-2	1286288	1275953	1277266	1279835	0.44	cps
Thallium	203-1	650	667	550	622	10.14	cps
Thallium	205-1	1542	1617	1492	1550	4.06	cps
Tin	118-1	1000	1000	1183	1061	9.98	cps
Titanium	47-1	158	167	150	158	5.26	cps
Uranium	238-1	67	108	117	97	27.55	cps
Vanadium	51-2	3	3	7	4	43.40	cps
Yttrium	89-1	4588731	4632722	4620142	4613865	0.49	cps
Yttrium	89-2	156440	156421	157800	156887	0.50	cps
Zinc	66-2	63	43	40	49	25.81	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P8
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:14:00	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	667	833	750	750	11.11	cps
Zirconium	91-1	217	200	108	175	33.33	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:17:24	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	67	92	111	51.05	cps
Antimony	121-1	12757	13941	14951	13883	7.91	cps
Arsenic	75-2	81	65	70	72	11.75	cps
Barium	135-1	11772	12348	11814	11978	2.68	cps
Barium	137-1	20366	20692	20934	20664	1.38	cps
Beryllium	9-1	722	711	650	694	5.60	cps
Bismuth	209-1	3962828	4022045	3945032	3976635	1.01	cps
Bismuth	209-2	1144562	1149023	1153418	1149001	0.39	cps
Boron	10-1	1800	2009	2000	1936	6.09	cps
Boron	11-1	8861	9145	9103	9037	1.69	cps
Cadmium	111-1	1793	1609	1863	1755	7.49	cps
Cadmium	106-1	950	883	867	900	4.90	cps
Cadmium	108-1	67	121	133	107	33.14	cps
Calcium	43-1	5868	5960	6327	6052	4.01	cps
Calcium	44-1	97270	96967	98210	97482	0.66	cps
Chromium	52-2	1353	1180	1337	1290	7.41	cps
Cobalt	59-2	1050	1167	1183	1133	6.41	cps
Copper	63-2	1980	2184	2180	2115	5.51	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	42	33	33	25.01	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	33	50	17	33	50.00	cps
Gadolinium	160-2	7	7	0	4	86.60	cps
Holmium	165-1	5757643	5839888	5758774	5785435	0.82	cps
Holmium	165-2	1355200	1344923	1363816	1354646	0.70	cps
Indium	115-1	4538403	4557908	4585211	4560507	0.52	cps
Indium	115-2	219416	221181	220093	220230	0.40	cps
Iron	56-2	19375	19464	19965	19601	1.62	cps
Iron	57-2	411	478	522	470	11.89	cps
Krypton	83-1	350	333	360	348	3.87	cps
Lead	206-1	4545	4434	4334	4438	2.38	cps
Lead	207-1	3906	3762	4251	3973	6.32	cps
Lead	208-1	17900	17945	18211	18019	0.93	cps
Lithium	6-1	507618	520181	513340	513713	1.22	cps
Magnesium	24-2	9112	9278	8912	9101	2.02	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:17:24	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	177	133	167	159	14.28	cps
Molybdenum	94-1	9404	10138	10846	10129	7.12	cps
Molybdenum	95-1	11847	11973	12665	12161	3.62	cps
Molybdenum	96-1	13132	13624	12923	13226	2.72	cps
Molybdenum	97-1	7035	7436	8003	7491	6.49	cps
Molybdenum	98-1	18923	19423	19832	19393	2.35	cps
Neodymium	150-1	27	0	0	9	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	903	1020	987	970	6.20	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	7394	7544	6727	7222	6.02	cps
Rhodium	103-1	4185944	4225845	4223724	4211838	0.53	cps
Rhodium	103-2	1208623	1210826	1210458	1209969	0.10	cps
Scandium	45-1	2316121	2329973	2336316	2327470	0.44	cps
Scandium	45-2	19704	20158	20305	20056	1.56	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	9	9	7	9	12.36	cps
Selenium	82-1	365	369	346	360	3.39	cps
Silicon	28-1	322513	316937	320690	320047	0.89	cps
Silver	109-1	5560	6160	6310	6010	6.61	cps
Silver	107-1	6127	6252	6085	6154	1.41	cps
Sodium	23-2	23946	24906	23821	24224	2.45	cps
Strontium	86-1	2084	1975	1800	1953	7.32	cps
Strontium	88-1	12973	12665	13190	12943	2.04	cps
Sulfur	34-1	249746	249870	250898	250171	0.25	cps
Terbium	159-1	5799447	5949477	5938731	5895885	1.42	cps
Terbium	159-2	1289866	1281591	1294375	1288611	0.50	cps
Thallium	203-1	5560	5243	5343	5382	3.01	cps
Thallium	205-1	13074	12265	12832	12724	3.26	cps
Tin	118-1	19540	19549	19790	19626	0.72	cps
Titanium	47-1	2992	3317	2659	2989	11.01	cps
Uranium	238-1	14392	15043	15318	14918	3.19	cps
Vanadium	51-2	1823	1867	1940	1877	3.14	cps
Yttrium	89-1	4671211	4619344	4623070	4637875	0.62	cps
Yttrium	89-2	159185	159880	159101	159389	0.27	cps
Zinc	66-2	283	253	240	259	8.57	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:17:24	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8495	9103	9529	9042	5.75	cps
Zirconium	91-1	1875	1984	1767	1875	5.78	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : PB108306BL Instrumnet Name : P8
 Client Sample ID : PB108306BL Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 17:46:11 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	33	19	65.48	cps
Antimony	121-1	917	1350	1867	1378	34.52	cps
Arsenic	75-2	7	0	4	4	100.05	cps
Barium	135-1	33	42	25	33	25.00	cps
Barium	137-1	33	17	42	31	41.66	cps
Beryllium	9-1	111	89	67	89	25.00	cps
Bismuth	209-1	3630033	3866327	3887649	3794670	3.77	cps
Bismuth	209-2	1119479	1132644	1142721	1131615	1.03	cps
Boron	10-1	208	183	242	211	13.86	cps
Boron	11-1	1075	1033	1067	1058	2.08	cps
Cadmium	111-1	488	581	653	574	14.34	cps
Cadmium	106-1	700	817	917	811	13.37	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Calcium	43-1	700	558	567	608	13.07	cps
Calcium	44-1	7361	8578	7819	7919	7.76	cps
Chromium	52-2	257	250	187	231	16.72	cps
Cobalt	59-2	33	33	53	40	28.87	cps
Copper	63-2	70	107	87	88	20.92	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	17	17	22	43.30	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	17	33	17	22	43.30	cps
Gadolinium	160-2	7	0	7	4	86.60	cps
Holmium	165-1	5295508	5601581	5654551	5517213	3.51	cps
Holmium	165-2	1322631	1336010	1346446	1335029	0.89	cps
Indium	115-1	4185676	4451972	4498655	4378768	3.86	cps
Indium	115-2	218405	222237	223059	221234	1.12	cps
Iron	56-2	1317	1339	1289	1315	1.90	cps
Iron	57-2	22	17	33	24	35.24	cps
Krypton	83-1	363	357	343	354	2.87	cps
Lead	206-1	228	306	217	250	19.37	cps
Lead	207-1	306	206	233	248	20.80	cps
Lead	208-1	1050	1061	961	1024	5.35	cps
Lithium	6-1	488444	506877	515807	503709	2.77	cps
Magnesium	24-2	1167	1075	1000	1081	7.73	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : PB108306BL Instrumnet Name : P8
 Client Sample ID : PB108306BL Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 17:46:11 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17	7	3	9	78.08	cps
Molybdenum	94-1	333	517	567	472	26.02	cps
Molybdenum	95-1	408	475	475	453	8.50	cps
Molybdenum	96-1	533	650	833	672	22.50	cps
Molybdenum	97-1	300	433	642	458	37.57	cps
Molybdenum	98-1	625	917	1025	856	24.18	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	543	553	490	529	6.44	cps
Phosphorus	31-2	0	33	8	14	124.92	cps
Potassium	39-2	2284	2234	2267	2261	1.13	cps
Rhodium	103-1	3906504	4075918	4172648	4051690	3.32	cps
Rhodium	103-2	1196778	1213123	1208437	1206113	0.70	cps
Scandium	45-1	2167162	2303444	2319533	2263380	3.70	cps
Scandium	45-2	20228	20615	20612	20485	1.09	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	4	2	4	50.09	cps
Selenium	82-1	-79	-41	-38	-53	-43.65	cps
Silicon	28-1	294717	295070	297210	295666	0.46	cps
Silver	109-1	67	67	58	64	7.53	cps
Silver	107-1	75	83	58	72	17.62	cps
Sodium	23-2	4409	4518	4434	4454	1.27	cps
Strontium	86-1	550	375	475	467	18.81	cps
Strontium	88-1	83	67	108	86	24.35	cps
Sulfur	34-1	262731	266849	262441	264007	0.93	cps
Terbium	159-1	5414000	5678609	5760128	5617579	3.22	cps
Terbium	159-2	1256882	1283457	1282999	1274446	1.19	cps
Thallium	203-1	267	275	350	297	15.44	cps
Thallium	205-1	908	700	808	806	12.93	cps
Tin	118-1	458	633	650	581	18.29	cps
Titanium	47-1	100	108	117	108	7.69	cps
Uranium	238-1	33	67	83	61	41.67	cps
Vanadium	51-2	0	0	3	1	173.21	cps
Yttrium	89-1	4324652	4508099	4542145	4458298	2.62	cps
Yttrium	89-2	158181	161341	159283	159602	1.00	cps
Zinc	66-2	30	17	47	31	48.31	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	PB108306BL	Instrumnet Name :	P8
Client Sample ID :	PB108306BL	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:46:11	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	325	333	375	344	7.78	cps
Zirconium	91-1	25	108	50	61	69.98	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	PB108306BS	Instrumnet Name :	P8
Client Sample ID :	PB108306BS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:49:35	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39640	38771	37977	38796	2.14	cps
Antimony	121-1	3060902	3146325	3110994	3106074	1.38	cps
Arsenic	75-2	38351	38037	38767	38385	0.95	cps
Barium	135-1	3192845	3290464	3275827	3253045	1.62	cps
Barium	137-1	5643885	5713153	5709764	5688934	0.69	cps
Beryllium	9-1	297837	304328	302675	301613	1.12	cps
Bismuth	209-1	3961940	4046305	4058490	4022245	1.31	cps
Bismuth	209-2	1169186	1177135	1177125	1174482	0.39	cps
Boron	10-1	31494	33248	33941	32894	3.83	cps
Boron	11-1	151644	156773	161426	156614	3.12	cps
Cadmium	111-1	629656	640033	639832	636507	0.93	cps
Cadmium	106-1	65937	66632	67260	66610	0.99	cps
Cadmium	108-1	44871	46179	46062	45704	1.58	cps
Calcium	43-1	570660	580791	576862	576104	0.89	cps
Calcium	44-1	9334332	9517687	9461638	9437885	1.00	cps
Chromium	52-2	268925	269411	268898	269078	0.11	cps
Cobalt	59-2	587492	586816	587997	587435	0.10	cps
Copper	63-2	1004716	1005878	1013241	1007945	0.46	cps
Dysprosium	156-1	42	50	50	47	10.18	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	17	17	33	22	43.28	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	25	50	58	44	39.04	cps
Gadolinium	160-2	3	10	10	8	49.52	cps
Holmium	165-1	5858958	5935920	5921058	5905312	0.69	cps
Holmium	165-2	1417346	1423126	1413484	1417985	0.34	cps
Indium	115-1	4472649	4580960	4631842	4561817	1.78	cps
Indium	115-2	223433	224074	223409	223639	0.17	cps
Iron	56-2	9113277	9106850	9163003	9127710	0.34	cps
Iron	57-2	231228	229182	230657	230356	0.46	cps
Krypton	83-1	350	330	313	331	5.54	cps
Lead	206-1	2020102	2087266	2102900	2070089	2.13	cps
Lead	207-1	1881462	1896632	1930816	1902970	1.33	cps
Lead	208-1	8357112	8516378	8559759	8477749	1.26	cps
Lithium	6-1	531017	535628	537358	534668	0.61	cps
Magnesium	24-2	910955	918045	912764	913921	0.40	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	PB108306BS	Instrumnet Name :	P8
Client Sample ID :	PB108306BS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:49:35	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	156094	156967	157442	156834	0.44	cps
Molybdenum	94-1	4856369	4925859	4894262	4892163	0.71	cps
Molybdenum	95-1	5962761	6075512	6021016	6019763	0.94	cps
Molybdenum	96-1	6630536	6709425	6685658	6675206	0.61	cps
Molybdenum	97-1	3707266	3783281	3726928	3739159	1.06	cps
Molybdenum	98-1	9515404	9640880	9625031	9593772	0.71	cps
Neodymium	150-1	120	147	160	142	14.32	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	171134	171649	171201	171328	0.16	cps
Phosphorus	31-2	3217	2867	3017	3034	5.79	cps
Potassium	39-2	265508	266250	266428	266062	0.18	cps
Rhodium	103-1	4083450	4176345	4175354	4145050	1.29	cps
Rhodium	103-2	1215970	1226561	1224208	1222246	0.46	cps
Scandium	45-1	2369428	2407050	2384677	2387052	0.79	cps
Scandium	45-2	21016	20912	20949	20959	0.25	cps
Selenium	77-2	247	240	207	231	9.27	cps
Selenium	78-2	856	856	920	877	4.27	cps
Selenium	82-1	39281	40041	40062	39795	1.12	cps
Silicon	28-1	1314596	1360996	1369056	1348216	2.18	cps
Silver	109-1	3044674	3082002	3044293	3056990	0.71	cps
Silver	107-1	3132219	3194993	3195094	3174102	1.14	cps
Sodium	23-2	2109761	2084066	2090858	2094895	0.64	cps
Strontium	86-1	758841	767741	767610	764731	0.67	cps
Strontium	88-1	6624590	6693889	6739751	6686077	0.87	cps
Sulfur	34-1	412184	414658	416105	414315	0.48	cps
Terbium	159-1	5960999	6038075	6016771	6005282	0.66	cps
Terbium	159-2	1342576	1353992	1346803	1347791	0.43	cps
Thallium	203-1	2525846	2584082	2556537	2555488	1.14	cps
Thallium	205-1	5939824	6066621	6078659	6028368	1.28	cps
Tin	118-1	2058479	2101063	2083864	2081135	1.03	cps
Titanium	47-1	1460649	1472367	1482792	1471936	0.75	cps
Uranium	238-1	8079230	8203546	8211137	8164638	0.91	cps
Vanadium	51-2	204608	203234	203015	203619	0.42	cps
Yttrium	89-1	4645989	4769078	4747623	4720897	1.39	cps
Yttrium	89-2	164881	164673	164814	164789	0.06	cps
Zinc	66-2	98188	98510	97852	98183	0.33	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	PB108306BS	Instrumnet Name :	P8
Client Sample ID :	PB108306BS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:49:35	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4100968	4093084	4092957	4095670	0.11	cps
Zirconium	91-1	900267	911152	916438	909285	0.91	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-01	Instrumnet Name :	P8
Client Sample ID :	LF014MW028-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:52:51	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	67	75	106	57.11	cps
Antimony	121-1	31146	36710	40797	36217	13.38	cps
Arsenic	75-2	331	357	281	323	11.93	cps
Barium	135-1	178656	182422	180365	180481	1.04	cps
Barium	137-1	316547	313200	314910	314886	0.53	cps
Beryllium	9-1	278	239	194	237	17.59	cps
Bismuth	209-1	3761659	4057986	4169825	3996490	5.28	cps
Bismuth	209-2	1087744	1077602	1071358	1078902	0.77	cps
Boron	10-1	21993	20574	21216	21261	3.34	cps
Boron	11-1	99746	100544	101366	100552	0.81	cps
Cadmium	111-1	848	810	707	788	9.26	cps
Cadmium	106-1	667	767	642	692	9.56	cps
Cadmium	108-1	33	38	25	32	19.92	cps
Calcium	43-1	1334456	1329536	1307804	1323932	1.07	cps
Calcium	44-1	21762333	21459017	21193232	21471527	1.33	cps
Chromium	52-2	870	820	787	826	5.08	cps
Cobalt	59-2	1910	1727	1880	1839	5.35	cps
Copper	63-2	1650	1650	1667	1656	0.58	cps
Dysprosium	156-1	167	142	175	161	10.77	cps
Dysprosium	156-2	43	23	30	32	31.61	cps
Erbium	164-1	133	108	200	147	32.19	cps
Erbium	164-2	40	27	33	33	20.00	cps
Gadolinium	160-1	167	167	142	158	9.12	cps
Gadolinium	160-2	33	37	23	31	22.31	cps
Holmium	165-1	5328209	5726933	5946429	5667190	5.53	cps
Holmium	165-2	1269252	1261319	1254460	1261677	0.59	cps
Indium	115-1	4191981	4462801	4566635	4407139	4.39	cps
Indium	115-2	192974	188943	190198	190705	1.08	cps
Iron	56-2	3657218	3636003	3616259	3636494	0.56	cps
Iron	57-2	92438	91180	90464	91361	1.09	cps
Krypton	83-1	343	397	310	350	12.49	cps
Lead	206-1	3645	3339	2623	3202	16.39	cps
Lead	207-1	3428	2656	2378	2821	19.29	cps
Lead	208-1	15137	13014	10858	13003	16.46	cps
Lithium	6-1	552441	589144	612937	584841	5.21	cps
Magnesium	24-2	324398	320345	313205	319316	1.77	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-01	Instrumnet Name :	P8
Client Sample ID :	LF014MW028-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:52:51	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	89511	87445	86596	87851	1.71	cps
Molybdenum	94-1	9595	9737	10087	9807	2.58	cps
Molybdenum	95-1	13224	14475	14784	14161	5.83	cps
Molybdenum	96-1	14350	15626	16739	15572	7.68	cps
Molybdenum	97-1	8119	8520	9962	8867	10.93	cps
Molybdenum	98-1	20992	22553	23747	22431	6.16	cps
Neodymium	150-1	193	200	193	196	1.97	cps
Neodymium	150-2	17	27	20	21	24.12	cps
Nickel	60-2	1067	1107	1010	1061	4.58	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	13766	13724	13415	13635	1.40	cps
Rhodium	103-1	3632466	3942867	3992974	3856102	5.06	cps
Rhodium	103-2	1074885	1065629	1054192	1064902	0.97	cps
Scandium	45-1	1920915	2016266	2056382	1997854	3.48	cps
Scandium	45-2	16006	15535	15205	15582	2.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	10	-9	131	44	173.11	cps
Silicon	28-1	17979556	17688014	17267199	17644923	2.03	cps
Silver	109-1	4743	3967	3392	4034	16.80	cps
Silver	107-1	5143	4526	4059	4576	11.88	cps
Sodium	23-2	1427957	1384339	1355621	1389306	2.62	cps
Strontium	86-1	950828	945169	939922	945306	0.58	cps
Strontium	88-1	8349444	8214871	8207254	8257190	0.97	cps
Sulfur	34-1	207027	208043	203267	206112	1.22	cps
Terbium	159-1	5347660	5820995	6068609	5745754	6.38	cps
Terbium	159-2	1201280	1193256	1186098	1193544	0.64	cps
Thallium	203-1	5176	3534	2384	3698	37.95	cps
Thallium	205-1	11581	7327	5585	8164	37.78	cps
Tin	118-1	10296	10188	10463	10316	1.34	cps
Titanium	47-1	1183	2580	1067	1610	52.30	cps
Uranium	238-1	3459	3567	3634	3553	2.49	cps
Vanadium	51-2	187	153	180	173	10.17	cps
Yttrium	89-1	4100222	4359707	4423246	4294392	3.98	cps
Yttrium	89-2	134144	130897	129133	131391	1.93	cps
Zinc	66-2	397	437	407	413	5.04	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-01	Instrumnet Name :	P8
Client Sample ID :	LF014MW028-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:52:51	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5927	5418	5001	5449	8.51	cps
Zirconium	91-1	1492	1392	1108	1331	14.94	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-02	Instrumnet Name :	P8
Client Sample ID :	LF014RW131-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:56:13	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	0	8	11	114.58	cps
Antimony	121-1	10605	12540	13766	12304	12.95	cps
Arsenic	75-2	502	550	489	514	6.27	cps
Barium	135-1	204711	203678	207520	205303	0.97	cps
Barium	137-1	357771	360040	361197	359670	0.48	cps
Beryllium	9-1	150	128	244	174	35.59	cps
Bismuth	209-1	4150637	4180450	4127217	4152768	0.64	cps
Bismuth	209-2	1068421	1056400	1065362	1063394	0.59	cps
Boron	10-1	13599	13240	12790	13209	3.07	cps
Boron	11-1	63224	63801	63641	63555	0.47	cps
Cadmium	111-1	521	622	579	574	8.82	cps
Cadmium	106-1	600	758	650	670	12.09	cps
Cadmium	108-1	17	25	25	22	21.64	cps
Calcium	43-1	1206111	1204570	1196744	1202475	0.42	cps
Calcium	44-1	20104495	19840688	19672448	19872544	1.10	cps
Chromium	52-2	587	537	483	536	9.65	cps
Cobalt	59-2	420	387	383	397	5.11	cps
Copper	63-2	4341	4554	4427	4441	2.42	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	17	0	3	7	132.33	cps
Erbium	164-1	58	25	58	47	40.76	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	50	17	33	33	50.00	cps
Gadolinium	160-2	3	3	10	6	69.34	cps
Holmium	165-1	5850158	5939031	5939472	5909554	0.87	cps
Holmium	165-2	1246219	1237195	1243496	1242303	0.37	cps
Indium	115-1	4480175	4492676	4493552	4488801	0.17	cps
Indium	115-2	183274	180604	183717	182532	0.92	cps
Iron	56-2	1682399	1669484	1692227	1681370	0.68	cps
Iron	57-2	42131	41100	40932	41388	1.57	cps
Krypton	83-1	323	350	290	321	9.36	cps
Lead	206-1	3312	3473	3651	3478	4.87	cps
Lead	207-1	2862	3028	2806	2899	3.99	cps
Lead	208-1	13487	14165	13676	13776	2.54	cps
Lithium	6-1	686880	695252	703601	695245	1.20	cps
Magnesium	24-2	182211	179242	181064	180839	0.83	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-02	Instrumnet Name :	P8
Client Sample ID :	LF014RW131-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:56:13	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	56939	56879	57889	57236	0.99	cps
Molybdenum	94-1	3367	3359	3901	3542	8.76	cps
Molybdenum	95-1	4709	4809	5210	4909	5.39	cps
Molybdenum	96-1	4876	5618	5610	5368	7.94	cps
Molybdenum	97-1	3017	3167	3584	3256	9.02	cps
Molybdenum	98-1	7319	7694	8186	7733	5.62	cps
Neodymium	150-1	27	27	13	22	34.66	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	933	840	863	879	5.53	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	20382	20799	21133	20772	1.81	cps
Rhodium	103-1	3896446	3890842	3966541	3917943	1.08	cps
Rhodium	103-2	1037313	1032490	1037797	1035867	0.28	cps
Scandium	45-1	1945550	1975904	1951842	1957765	0.82	cps
Scandium	45-2	14364	14147	14408	14306	0.97	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	10	-19	57	16	240.96	cps
Silicon	28-1	16020153	15855018	16009437	15961536	0.58	cps
Silver	109-1	1792	1742	1609	1714	5.53	cps
Silver	107-1	1725	1975	1809	1836	6.93	cps
Sodium	23-2	967339	967306	969242	967962	0.11	cps
Strontium	86-1	912093	913333	900995	908807	0.75	cps
Strontium	88-1	7962135	7960035	7927226	7949799	0.25	cps
Sulfur	34-1	263906	260617	259711	261411	0.84	cps
Terbium	159-1	5981196	6043936	5993782	6006305	0.55	cps
Terbium	159-2	1175609	1174261	1182487	1177452	0.37	cps
Thallium	203-1	525	533	617	558	9.08	cps
Thallium	205-1	1258	1300	1292	1283	1.72	cps
Tin	118-1	8453	8395	9129	8659	4.71	cps
Titanium	47-1	700	692	675	689	1.85	cps
Uranium	238-1	8403	8887	8745	8678	2.86	cps
Vanadium	51-2	77	60	83	73	16.39	cps
Yttrium	89-1	4312748	4361141	4347117	4340335	0.57	cps
Yttrium	89-2	125385	122100	124282	123923	1.35	cps
Zinc	66-2	3771	3724	3947	3814	3.09	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-02	Instrumnet Name :	P8
Client Sample ID :	LF014RW131-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:56:13	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1609	1550	1759	1639	6.56	cps
Zirconium	91-1	333	358	325	339	5.12	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-03	Instrumnet Name :	P8
Client Sample ID :	LF014RW032-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:59:37	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	742	675	692	703	4.94	cps
Antimony	121-1	8820	10388	11130	10113	11.66	cps
Arsenic	75-2	335	285	276	299	10.67	cps
Barium	135-1	71896	73890	73907	73231	1.58	cps
Barium	137-1	126450	128477	127199	127376	0.80	cps
Beryllium	9-1	144	133	156	144	7.69	cps
Bismuth	209-1	4147783	4101877	4113690	4121117	0.58	cps
Bismuth	209-2	1052714	1048304	1048551	1049856	0.24	cps
Boron	10-1	9420	9295	8578	9098	5.00	cps
Boron	11-1	42523	41996	43007	42509	1.19	cps
Cadmium	111-1	699	761	775	745	5.44	cps
Cadmium	106-1	708	650	700	686	4.60	cps
Cadmium	108-1	25	21	21	22	10.84	cps
Calcium	43-1	741577	740669	735208	739151	0.47	cps
Calcium	44-1	12273845	12194033	12212517	12226799	0.34	cps
Chromium	52-2	520	427	543	497	12.43	cps
Cobalt	59-2	850	837	860	849	1.38	cps
Copper	63-2	1223	1357	1293	1291	5.17	cps
Dysprosium	156-1	292	233	292	272	12.37	cps
Dysprosium	156-2	73	80	87	80	8.33	cps
Erbium	164-1	208	317	258	261	20.77	cps
Erbium	164-2	47	60	43	50	17.64	cps
Gadolinium	160-1	300	225	292	272	15.10	cps
Gadolinium	160-2	33	113	93	80	52.05	cps
Holmium	165-1	5844514	5873618	5893616	5870583	0.42	cps
Holmium	165-2	1230693	1234491	1230746	1231977	0.18	cps
Indium	115-1	4410249	4449618	4462788	4440885	0.62	cps
Indium	115-2	179906	180312	179537	179919	0.22	cps
Iron	56-2	262432	267467	265029	264976	0.95	cps
Iron	57-2	6807	7063	6835	6902	2.03	cps
Krypton	83-1	350	320	307	326	6.82	cps
Lead	206-1	2317	2673	2473	2487	7.17	cps
Lead	207-1	1889	2150	2206	2082	8.12	cps
Lead	208-1	9135	10146	9646	9642	5.24	cps
Lithium	6-1	709717	700143	696932	702264	0.95	cps
Magnesium	24-2	152527	151129	151886	151847	0.46	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-03	Instrumnet Name :	P8
Client Sample ID :	LF014RW032-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:59:37	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	12092	12559	12286	12312	1.91	cps
Molybdenum	94-1	3384	3367	3451	3401	1.30	cps
Molybdenum	95-1	4043	4059	4518	4206	6.41	cps
Molybdenum	96-1	4668	4684	4984	4779	3.73	cps
Molybdenum	97-1	2692	2667	3134	2831	9.27	cps
Molybdenum	98-1	6819	6494	7411	6908	6.73	cps
Neodymium	150-1	393	447	433	424	6.54	cps
Neodymium	150-2	43	53	70	56	24.25	cps
Nickel	60-2	853	703	773	777	9.66	cps
Phosphorus	31-2	8	25	42	25	66.68	cps
Potassium	39-2	25674	26200	25750	25875	1.10	cps
Rhodium	103-1	3900026	3881222	3927195	3902814	0.59	cps
Rhodium	103-2	1030013	1036048	1020032	1028698	0.79	cps
Scandium	45-1	1924438	1919535	1899829	1914600	0.68	cps
Scandium	45-2	14461	14404	14257	14374	0.73	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-41	-4	9	-12	-219.56	cps
Silicon	28-1	11288819	11377709	11120185	11262237	1.16	cps
Silver	109-1	1275	1025	1008	1103	13.55	cps
Silver	107-1	1342	1325	1083	1250	11.57	cps
Sodium	23-2	728612	726805	722933	726117	0.40	cps
Strontium	86-1	650073	651211	659524	653602	0.79	cps
Strontium	88-1	5675531	5740165	5770632	5728776	0.85	cps
Sulfur	34-1	312929	312486	308559	311325	0.77	cps
Terbium	159-1	5925702	5884477	5953211	5921130	0.58	cps
Terbium	159-2	1167702	1172264	1166659	1168875	0.26	cps
Thallium	203-1	350	442	333	375	15.56	cps
Thallium	205-1	1050	900	783	911	14.67	cps
Tin	118-1	7152	7402	7627	7394	3.22	cps
Titanium	47-1	1559	1750	1859	1722	8.82	cps
Uranium	238-1	27924	29561	29904	29130	3.63	cps
Vanadium	51-2	493	470	453	472	4.25	cps
Yttrium	89-1	4327044	4352710	4320199	4333318	0.40	cps
Yttrium	89-2	124834	123455	122701	123663	0.87	cps
Zinc	66-2	783	833	860	826	4.71	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-03	Instrumnet Name :	P8
Client Sample ID :	LF014RW032-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 17:59:37	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2992	2900	2517	2803	8.99	cps
Zirconium	91-1	700	658	667	675	3.26	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-04	Instrumnet Name :	P8
Client Sample ID :	LF014MW006-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:03:00	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	50	75	58	24.74	cps
Antimony	121-1	8678	9654	10538	9623	9.67	cps
Arsenic	75-2	180	204	193	192	6.28	cps
Barium	135-1	210345	213446	212261	212017	0.74	cps
Barium	137-1	374763	374515	373782	374354	0.14	cps
Beryllium	9-1	106	117	67	96	27.26	cps
Bismuth	209-1	4156585	4156538	4208536	4173886	0.72	cps
Bismuth	209-2	940276	1050908	1049971	1013718	6.27	cps
Boron	10-1	9120	9820	8828	9256	5.51	cps
Boron	11-1	43868	43350	43709	43642	0.61	cps
Cadmium	111-1	720	697	746	721	3.44	cps
Cadmium	106-1	675	567	700	647	10.95	cps
Cadmium	108-1	63	42	21	42	50.00	cps
Calcium	43-1	1117225	1115379	1115933	1116179	0.08	cps
Calcium	44-1	18576823	18556956	18436554	18523444	0.41	cps
Chromium	52-2	370	333	483	396	19.77	cps
Cobalt	59-2	437	427	430	431	1.18	cps
Copper	63-2	1217	1257	1277	1250	2.44	cps
Dysprosium	156-1	67	75	117	86	31.11	cps
Dysprosium	156-2	13	23	33	23	42.86	cps
Erbium	164-1	117	100	75	97	21.57	cps
Erbium	164-2	20	13	17	17	20.01	cps
Gadolinium	160-1	100	108	100	103	4.68	cps
Gadolinium	160-2	33	37	23	31	22.31	cps
Holmium	165-1	5830940	5927550	5910278	5889589	0.87	cps
Holmium	165-2	1093971	1233777	1223882	1183877	6.59	cps
Indium	115-1	4401825	4427368	4431353	4420182	0.36	cps
Indium	115-2	160308	178577	176600	171828	5.83	cps
Iron	56-2	1185282	1177217	1173126	1178542	0.52	cps
Iron	57-2	29587	30306	29782	29892	1.24	cps
Krypton	83-1	360	333	387	360	7.41	cps
Lead	206-1	6891	6841	7191	6974	2.72	cps
Lead	207-1	6274	6235	5957	6155	2.81	cps
Lead	208-1	27240	27485	27596	27440	0.66	cps
Lithium	6-1	686614	680554	684367	683845	0.45	cps
Magnesium	24-2	134135	131031	131083	132083	1.35	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-04	Instrumnet Name :	P8
Client Sample ID :	LF014MW006-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:03:00	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	22225	21704	21336	21755	2.05	cps
Molybdenum	94-1	2484	2825	2725	2678	6.56	cps
Molybdenum	95-1	3759	3576	4159	3831	7.79	cps
Molybdenum	96-1	4068	3934	4401	4134	5.82	cps
Molybdenum	97-1	2225	2450	2475	2384	5.78	cps
Molybdenum	98-1	5893	5835	6143	5957	2.75	cps
Neodymium	150-1	127	107	100	111	12.49	cps
Neodymium	150-2	17	23	20	20	16.65	cps
Nickel	60-2	973	850	880	901	7.14	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	16310	16010	15835	16052	1.50	cps
Rhodium	103-1	3867989	3907005	3929752	3901582	0.80	cps
Rhodium	103-2	915558	1019948	1021432	985646	6.16	cps
Scandium	45-1	1909480	1889543	1902169	1900397	0.53	cps
Scandium	45-2	12599	14307	13764	13557	6.44	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	2	6	4	49.54	cps
Selenium	82-1	-50	-1	-20	-24	-103.69	cps
Silicon	28-1	13863493	13871200	13874841	13869845	0.04	cps
Silver	109-1	850	867	858	858	0.97	cps
Silver	107-1	1008	1017	867	964	8.75	cps
Sodium	23-2	711637	711630	710230	711166	0.11	cps
Strontium	86-1	864506	868841	872087	868478	0.44	cps
Strontium	88-1	7550384	7638598	7620018	7603000	0.61	cps
Sulfur	34-1	266196	263769	257997	262654	1.60	cps
Terbium	159-1	5996186	5982005	6023374	6000522	0.35	cps
Terbium	159-2	1037197	1166558	1163137	1122298	6.57	cps
Thallium	203-1	233	183	183	200	14.44	cps
Thallium	205-1	592	550	550	564	4.27	cps
Tin	118-1	6335	6694	6894	6641	4.26	cps
Titanium	47-1	767	842	867	825	6.31	cps
Uranium	238-1	20209	20476	20059	20248	1.04	cps
Vanadium	51-2	270	193	223	229	16.88	cps
Yttrium	89-1	4244948	4282266	4286314	4271176	0.53	cps
Yttrium	89-2	109248	121845	121014	117369	6.00	cps
Zinc	66-2	1357	1430	1410	1399	2.71	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-04	Instrumnet Name :	P8
Client Sample ID :	LF014MW006-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:03:00	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1008	1100	1509	1206	22.08	cps
Zirconium	91-1	317	358	308	328	8.17	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-05	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:06:25	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	508	567	525	533	5.63	cps
Antimony	121-1	8678	9212	9329	9073	3.82	cps
Arsenic	75-2	380	357	381	373	3.59	cps
Barium	135-1	102361	101245	102344	101983	0.63	cps
Barium	137-1	174715	175982	177512	176070	0.80	cps
Beryllium	9-1	78	100	89	89	12.50	cps
Bismuth	209-1	4059197	4156226	4110572	4108665	1.18	cps
Bismuth	209-2	1043325	1036532	1043999	1041286	0.40	cps
Boron	10-1	8912	9195	9579	9228	3.63	cps
Boron	11-1	44169	46886	45248	45435	3.01	cps
Cadmium	111-1	609	547	600	585	5.73	cps
Cadmium	106-1	700	650	683	678	3.76	cps
Cadmium	108-1	8	29	17	18	58.09	cps
Calcium	43-1	952539	953700	954669	953636	0.11	cps
Calcium	44-1	15753078	15739408	15778752	15757080	0.13	cps
Chromium	52-2	860	857	787	834	4.96	cps
Cobalt	59-2	483	373	423	427	12.91	cps
Copper	63-2	1083	1213	1273	1190	8.16	cps
Dysprosium	156-1	608	617	458	561	15.88	cps
Dysprosium	156-2	53	93	93	80	28.87	cps
Erbium	164-1	275	383	433	364	22.24	cps
Erbium	164-2	100	103	67	90	22.53	cps
Gadolinium	160-1	525	658	542	575	12.64	cps
Gadolinium	160-2	160	120	143	141	14.24	cps
Holmium	165-1	5884827	5908016	5909169	5900671	0.23	cps
Holmium	165-2	1232687	1216780	1224228	1224565	0.65	cps
Indium	115-1	4301878	4373644	4407655	4361059	1.24	cps
Indium	115-2	179347	176569	177110	177675	0.83	cps
Iron	56-2	100303	97836	98597	98912	1.28	cps
Iron	57-2	2539	2634	2584	2586	1.83	cps
Krypton	83-1	383	310	263	319	18.97	cps
Lead	206-1	2256	2245	2450	2317	4.99	cps
Lead	207-1	1695	1967	1750	1804	7.98	cps
Lead	208-1	8385	9018	8818	8740	3.71	cps
Lithium	6-1	673713	669893	654654	666087	1.51	cps
Magnesium	24-2	206274	203943	198895	203038	1.86	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-05	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:06:25	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33798	33741	33804	33781	0.10	cps
Molybdenum	94-1	4534	4193	4351	4359	3.92	cps
Molybdenum	95-1	6519	6335	6419	6424	1.43	cps
Molybdenum	96-1	6852	7286	7411	7183	4.08	cps
Molybdenum	97-1	4159	3992	4334	4162	4.11	cps
Molybdenum	98-1	10746	10730	11080	10852	1.82	cps
Neodymium	150-1	747	773	793	771	3.04	cps
Neodymium	150-2	120	117	113	117	2.85	cps
Nickel	60-2	1277	1290	1320	1296	1.71	cps
Phosphorus	31-2	33	0	17	17	99.99	cps
Potassium	39-2	19448	20048	20891	20129	3.60	cps
Rhodium	103-1	3846723	3912694	3879059	3879492	0.85	cps
Rhodium	103-2	1019395	1014032	1021964	1018464	0.40	cps
Scandium	45-1	1899194	1890040	1878511	1889248	0.55	cps
Scandium	45-2	14381	14114	14024	14173	1.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	-46	41	63	19	303.67	cps
Silicon	28-1	13257394	13088663	13113339	13153132	0.69	cps
Silver	109-1	658	817	650	708	13.26	cps
Silver	107-1	808	750	650	736	10.88	cps
Sodium	23-2	1272157	1265084	1264684	1267308	0.33	cps
Strontium	86-1	901928	901317	913526	905591	0.76	cps
Strontium	88-1	7841070	7872460	7965725	7893085	0.82	cps
Sulfur	34-1	445154	443134	442946	443745	0.28	cps
Terbium	159-1	5927441	5974981	5938875	5947099	0.42	cps
Terbium	159-2	1165405	1157977	1165309	1162897	0.37	cps
Thallium	203-1	217	217	250	228	8.45	cps
Thallium	205-1	575	500	525	533	7.16	cps
Tin	118-1	5910	7036	6243	6396	9.04	cps
Titanium	47-1	1492	1509	1075	1359	18.08	cps
Uranium	238-1	40793	38570	39949	39771	2.82	cps
Vanadium	51-2	250	227	150	209	25.05	cps
Yttrium	89-1	4233014	4273996	4312293	4273101	0.93	cps
Yttrium	89-2	122544	120573	122523	121880	0.93	cps
Zinc	66-2	383	400	343	376	7.76	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-05	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:06:25	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1534	1842	3313	2229	42.65	cps
Zirconium	91-1	400	283	425	369	20.47	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-05DUP	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412DL	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:09:48	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	525	425	483	478	10.51	cps
Antimony	121-1	9129	8703	9637	9156	5.11	cps
Arsenic	75-2	372	369	317	352	8.81	cps
Barium	135-1	100858	99925	101252	100678	0.68	cps
Barium	137-1	174933	173786	177510	175409	1.09	cps
Beryllium	9-1	72	56	89	72	23.07	cps
Bismuth	209-1	4056403	4052074	4095641	4068039	0.59	cps
Bismuth	209-2	1033607	1032386	1029809	1031934	0.19	cps
Boron	10-1	9612	9520	9295	9476	1.72	cps
Boron	11-1	42949	45465	46610	45008	4.16	cps
Cadmium	111-1	621	640	483	581	14.80	cps
Cadmium	106-1	692	733	575	667	12.31	cps
Cadmium	108-1	13	33	17	21	52.90	cps
Calcium	43-1	949428	955124	950746	951766	0.31	cps
Calcium	44-1	15836910	15750098	15716387	15767798	0.39	cps
Chromium	52-2	960	850	900	903	6.10	cps
Cobalt	59-2	440	513	477	477	7.69	cps
Copper	63-2	1163	1183	1243	1197	3.48	cps
Dysprosium	156-1	342	517	625	494	28.92	cps
Dysprosium	156-2	67	90	117	91	27.46	cps
Erbium	164-1	417	383	408	403	4.31	cps
Erbium	164-2	90	93	97	93	3.57	cps
Gadolinium	160-1	408	475	450	444	7.58	cps
Gadolinium	160-2	157	107	123	129	19.75	cps
Holmium	165-1	5898424	5880201	5885529	5888051	0.16	cps
Holmium	165-2	1214052	1220254	1217207	1217171	0.25	cps
Indium	115-1	4276416	4352387	4413985	4347596	1.59	cps
Indium	115-2	177415	177845	175949	177070	0.56	cps
Iron	56-2	99669	98613	98893	99059	0.55	cps
Iron	57-2	2172	2517	2423	2371	7.51	cps
Krypton	83-1	300	320	367	329	10.40	cps
Lead	206-1	2217	2134	2300	2217	3.76	cps
Lead	207-1	1872	1867	1872	1871	0.17	cps
Lead	208-1	8474	8546	8701	8574	1.36	cps
Lithium	6-1	648037	638040	622115	636064	2.06	cps
Magnesium	24-2	205497	204264	200672	203478	1.23	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-05DUP	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412DL	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:09:48	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	34092	33945	33945	33994	0.25	cps
Molybdenum	94-1	3992	4384	4426	4268	5.60	cps
Molybdenum	95-1	6343	6552	6669	6521	2.53	cps
Molybdenum	96-1	7211	6860	7261	7111	3.07	cps
Molybdenum	97-1	4293	4001	4351	4215	4.45	cps
Molybdenum	98-1	11013	10438	11030	10827	3.11	cps
Neodymium	150-1	713	880	773	789	10.70	cps
Neodymium	150-2	83	83	90	86	4.50	cps
Nickel	60-2	1530	1380	1570	1493	6.71	cps
Phosphorus	31-2	8	25	17	17	50.01	cps
Potassium	39-2	19781	19973	19982	19912	0.57	cps
Rhodium	103-1	3855183	3827332	3859412	3847309	0.45	cps
Rhodium	103-2	1017431	1017019	1017443	1017298	0.02	cps
Scandium	45-1	1899814	1915523	1858422	1891253	1.56	cps
Scandium	45-2	14574	14187	14394	14385	1.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	0	13	-89	-25	-220.63	cps
Silicon	28-1	13161826	13028456	12991115	13060466	0.69	cps
Silver	109-1	883	675	717	758	14.54	cps
Silver	107-1	708	608	833	717	15.73	cps
Sodium	23-2	1268161	1262359	1256658	1262393	0.46	cps
Strontium	86-1	905114	898061	901727	901634	0.39	cps
Strontium	88-1	7917358	7802552	7936070	7885327	0.92	cps
Sulfur	34-1	444212	436795	433792	438266	1.22	cps
Terbium	159-1	5942354	5934299	5946486	5941046	0.10	cps
Terbium	159-2	1155760	1152687	1152831	1153760	0.15	cps
Thallium	203-1	233	200	125	186	29.81	cps
Thallium	205-1	492	475	483	483	1.72	cps
Tin	118-1	5468	5585	5851	5635	3.49	cps
Titanium	47-1	1167	1208	1108	1161	4.33	cps
Uranium	238-1	37859	39514	39079	38817	2.21	cps
Vanadium	51-2	143	230	197	190	23.01	cps
Yttrium	89-1	4230984	4271139	4232792	4244972	0.53	cps
Yttrium	89-2	121208	121596	122026	121610	0.34	cps
Zinc	66-2	330	443	407	393	14.70	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-05DUP	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412DL	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:09:48	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1517	1717	1458	1564	8.66	cps
Zirconium	91-1	325	500	317	381	27.21	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-05LX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412L	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 18:13:10	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	142	183	161	13.02	cps
Antimony	121-1	2034	2159	1900	2031	6.36	cps
Arsenic	75-2	65	69	81	72	12.22	cps
Barium	135-1	19858	20742	20166	20255	2.22	cps
Barium	137-1	36293	36426	36034	36251	0.55	cps
Beryllium	9-1	78	89	61	76	18.42	cps
Bismuth	209-1	4295275	4261445	4235902	4264207	0.70	cps
Bismuth	209-2	1127044	1128545	1129732	1128440	0.12	cps
Boron	10-1	2525	2584	2434	2514	3.01	cps
Boron	11-1	12840	12548	12164	12517	2.71	cps
Cadmium	111-1	562	400	601	521	20.52	cps
Cadmium	106-1	733	533	758	675	18.27	cps
Cadmium	108-1	8	4	13	8	49.98	cps
Calcium	43-1	205638	205794	204374	205269	0.38	cps
Calcium	44-1	3442231	3407526	3437322	3429026	0.55	cps
Chromium	52-2	407	433	347	396	11.22	cps
Cobalt	59-2	70	110	100	93	22.30	cps
Copper	63-2	493	533	387	471	16.09	cps
Dysprosium	156-1	150	75	67	97	47.21	cps
Dysprosium	156-2	20	17	33	23	37.78	cps
Erbium	164-1	50	75	42	56	31.22	cps
Erbium	164-2	27	37	20	28	30.20	cps
Gadolinium	160-1	125	92	142	119	21.31	cps
Gadolinium	160-2	27	33	37	32	15.80	cps
Holmium	165-1	6104946	6045505	6088510	6079654	0.50	cps
Holmium	165-2	1318503	1312848	1319624	1316992	0.28	cps
Indium	115-1	4524948	4587449	4590134	4567510	0.81	cps
Indium	115-2	196861	197579	198233	197557	0.35	cps
Iron	56-2	21767	23036	22641	22482	2.89	cps
Iron	57-2	444	628	611	561	18.07	cps
Krypton	83-1	297	333	377	336	11.93	cps
Lead	206-1	567	678	606	617	9.14	cps
Lead	207-1	533	489	439	487	9.70	cps
Lead	208-1	2384	2339	2300	2341	1.78	cps
Lithium	6-1	558496	561795	562177	560823	0.36	cps
Magnesium	24-2	46795	45515	46176	46162	1.39	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-05LX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412L	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 18:13:10	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7682	7899	7509	7697	2.54	cps
Molybdenum	94-1	1133	1033	850	1006	14.29	cps
Molybdenum	95-1	1358	1575	1550	1495	7.93	cps
Molybdenum	96-1	1617	1784	1525	1642	7.98	cps
Molybdenum	97-1	1008	842	1100	983	13.32	cps
Molybdenum	98-1	2134	2567	2400	2367	9.24	cps
Neodymium	150-1	133	160	147	147	9.09	cps
Neodymium	150-2	23	13	20	19	26.96	cps
Nickel	60-2	607	633	547	596	7.45	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	5576	5501	6260	5779	7.23	cps
Rhodium	103-1	4113762	4126653	4151030	4130482	0.46	cps
Rhodium	103-2	1119272	1115956	1117822	1117683	0.15	cps
Scandium	45-1	2075351	2038381	2039256	2050996	1.03	cps
Scandium	45-2	16026	15903	16824	16251	3.08	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	4	2	86.60	cps
Selenium	82-1	19	-31	-72	-28	-164.53	cps
Silicon	28-1	3098685	3064992	3090972	3084883	0.57	cps
Silver	109-1	342	325	325	331	2.91	cps
Silver	107-1	342	325	375	347	7.33	cps
Sodium	23-2	268640	268945	267920	268502	0.20	cps
Strontium	86-1	186879	185307	185466	185884	0.47	cps
Strontium	88-1	1676064	1675576	1663400	1671680	0.43	cps
Sulfur	34-1	262274	257378	262287	260646	1.09	cps
Terbium	159-1	6178855	6195795	6154925	6176525	0.33	cps
Terbium	159-2	1251540	1242073	1252123	1248578	0.45	cps
Thallium	203-1	67	125	92	94	30.99	cps
Thallium	205-1	250	200	325	258	24.35	cps
Tin	118-1	1200	1067	1258	1175	8.36	cps
Titanium	47-1	450	333	275	353	25.26	cps
Uranium	238-1	8395	7811	7386	7864	6.44	cps
Vanadium	51-2	60	70	67	66	7.77	cps
Yttrium	89-1	4530513	4494963	4483998	4503158	0.54	cps
Yttrium	89-2	137180	137278	137585	137348	0.15	cps
Zinc	66-2	110	130	147	129	14.24	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-05LX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412L	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 18:13:10	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	450	508	392	450	12.96	cps
Zirconium	91-1	92	117	92	100	14.43	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:17:27	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175816	174857	176130	175601	0.38	cps
Antimony	121-1	2947296	2949649	2956894	2951280	0.17	cps
Arsenic	75-2	34755	34434	34485	34558	0.50	cps
Barium	135-1	3330866	3300269	3295101	3308745	0.58	cps
Barium	137-1	5799920	5750974	5763548	5771481	0.44	cps
Beryllium	9-1	271732	274668	272585	272995	0.55	cps
Bismuth	209-1	4073552	4036292	4081790	4063878	0.60	cps
Bismuth	209-2	1100641	1092996	1105279	1099639	0.56	cps
Boron	10-1	29932	30358	31352	30547	2.38	cps
Boron	11-1	141728	145265	149436	145476	2.65	cps
Cadmium	111-1	619343	619789	618219	619117	0.13	cps
Cadmium	106-1	64681	65057	65308	65016	0.49	cps
Cadmium	108-1	44385	43554	44457	44132	1.14	cps
Calcium	43-1	2702313	2743309	2740516	2728713	0.84	cps
Calcium	44-1	43860178	43998148	44410597	44089641	0.65	cps
Chromium	52-2	243898	246206	246855	245653	0.63	cps
Cobalt	59-2	529100	527551	529830	528827	0.22	cps
Copper	63-2	896321	903083	902339	900581	0.41	cps
Dysprosium	156-1	58	83	58	67	21.65	cps
Dysprosium	156-2	13	10	7	10	33.30	cps
Erbium	164-1	50	17	17	28	69.27	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	50	17	75	47	61.97	cps
Gadolinium	160-2	7	20	10	12	56.76	cps
Holmium	165-1	6139457	6155191	6072810	6122486	0.71	cps
Holmium	165-2	1363716	1356683	1358171	1359523	0.27	cps
Indium	115-1	4414948	4389620	4394443	4399670	0.31	cps
Indium	115-2	200258	201728	201723	201236	0.42	cps
Iron	56-2	40398019	40190162	40458397	40348859	0.35	cps
Iron	57-2	1015735	1016650	1027017	1019801	0.61	cps
Krypton	83-1	287	397	343	342	16.07	cps
Lead	206-1	2180355	2167048	2136675	2161359	1.04	cps
Lead	207-1	2025256	2011316	1993418	2009997	0.79	cps
Lead	208-1	9008218	8941963	8853242	8934474	0.87	cps
Lithium	6-1	508118	503527	501060	504235	0.71	cps
Magnesium	24-2	3869266	3919514	3904790	3897856	0.66	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:17:27	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	138104	139400	139100	138868	0.49	cps
Molybdenum	94-1	4895430	4941697	4915010	4917379	0.47	cps
Molybdenum	95-1	6112237	6049742	6063043	6075008	0.54	cps
Molybdenum	96-1	6755507	6634780	6662011	6684099	0.95	cps
Molybdenum	97-1	3772490	3731938	3761500	3755309	0.56	cps
Molybdenum	98-1	9788582	9621722	9586956	9665753	1.12	cps
Neodymium	150-1	187	167	207	187	10.72	cps
Neodymium	150-2	0	3	13	6	124.93	cps
Nickel	60-2	154829	155335	155439	155201	0.21	cps
Phosphorus	31-2	2509	2367	2742	2539	7.46	cps
Potassium	39-2	1127768	1141872	1149335	1139658	0.96	cps
Rhodium	103-1	4034536	3984611	4004129	4007759	0.63	cps
Rhodium	103-2	1116791	1111238	1119664	1115898	0.38	cps
Scandium	45-1	2204749	2213535	2263414	2227233	1.42	cps
Scandium	45-2	18242	18022	18569	18278	1.51	cps
Selenium	77-2	257	233	213	234	9.25	cps
Selenium	78-2	772	832	782	795	4.01	cps
Selenium	82-1	38640	38333	38359	38444	0.44	cps
Silicon	28-1	1154599	1143569	1167326	1155165	1.03	cps
Silver	109-1	2980625	2964859	2956562	2967349	0.41	cps
Silver	107-1	3039171	3065418	3024284	3042957	0.68	cps
Sodium	23-2	8876983	8832738	9063253	8924325	1.37	cps
Strontium	86-1	773897	780348	772321	775522	0.55	cps
Strontium	88-1	6800461	6655005	6754447	6736638	1.10	cps
Sulfur	34-1	378618	378157	377022	377933	0.22	cps
Terbium	159-1	6135060	6144078	6091708	6123616	0.46	cps
Terbium	159-2	1289368	1284243	1284698	1286103	0.22	cps
Thallium	203-1	2684155	2665855	2655714	2668575	0.54	cps
Thallium	205-1	6319149	6309191	6215046	6281129	0.91	cps
Tin	118-1	2077348	2091596	2097243	2088729	0.49	cps
Titanium	47-1	1375883	1396289	1414106	1395426	1.37	cps
Uranium	238-1	8970642	8870262	8872282	8904395	0.64	cps
Vanadium	51-2	181430	181964	184582	182659	0.92	cps
Yttrium	89-1	4636821	4602119	4612943	4617294	0.38	cps
Yttrium	89-2	147303	148230	149965	148499	0.91	cps
Zinc	66-2	84096	83523	85810	84476	1.41	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:17:27	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4164440	4107533	4119462	4130478	0.73	cps
Zirconium	91-1	907088	902076	904247	904470	0.28	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:23:12	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	25	8	22	57.30	cps
Antimony	121-1	3292	4651	4768	4237	19.36	cps
Arsenic	75-2	13	4	7	8	58.09	cps
Barium	135-1	25	33	25	28	17.31	cps
Barium	137-1	75	58	50	61	20.83	cps
Beryllium	9-1	194	178	117	163	25.13	cps
Bismuth	209-1	4279373	4331048	4316010	4308810	0.62	cps
Bismuth	209-2	1167062	1166054	1173170	1168762	0.33	cps
Boron	10-1	758	925	767	817	11.50	cps
Boron	11-1	3809	3851	3309	3656	8.25	cps
Cadmium	111-1	497	563	583	547	8.16	cps
Cadmium	106-1	683	708	767	720	5.94	cps
Cadmium	108-1	21	0	0	7	173.21	cps
Calcium	43-1	575	417	550	514	16.56	cps
Calcium	44-1	9887	9612	9629	9709	1.59	cps
Chromium	52-2	233	233	230	232	0.83	cps
Cobalt	59-2	33	43	17	31	43.29	cps
Copper	63-2	147	200	147	164	18.72	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	42	8	19	99.00	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	25	33	8	22	57.29	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	6024658	6032304	6116393	6057785	0.84	cps
Holmium	165-2	1362863	1349651	1372297	1361604	0.84	cps
Indium	115-1	4670227	4663222	4600705	4644718	0.82	cps
Indium	115-2	213130	209089	210210	210810	0.99	cps
Iron	56-2	1950	1961	1828	1913	3.87	cps
Iron	57-2	67	56	39	54	26.03	cps
Krypton	83-1	333	350	340	341	2.46	cps
Lead	206-1	411	378	283	357	18.54	cps
Lead	207-1	217	328	322	289	21.67	cps
Lead	208-1	1339	1372	1278	1330	3.60	cps
Lithium	6-1	554924	557239	561930	558031	0.64	cps
Magnesium	24-2	492	675	733	633	19.91	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:23:12	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7	17	27	17	59.99	cps
Molybdenum	94-1	1117	1609	1700	1475	21.27	cps
Molybdenum	95-1	1634	2300	2650	2195	23.54	cps
Molybdenum	96-1	1584	2292	2692	2189	25.64	cps
Molybdenum	97-1	1075	1383	1592	1350	19.26	cps
Molybdenum	98-1	2434	3267	4243	3314	27.32	cps
Neodymium	150-1	20	20	7	16	49.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	563	430	467	487	14.15	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	1684	1834	1717	1745	4.52	cps
Rhodium	103-1	4227943	4218834	4236637	4227805	0.21	cps
Rhodium	103-2	1177355	1170141	1176719	1174739	0.34	cps
Scandium	45-1	2204038	2223461	2217307	2214935	0.45	cps
Scandium	45-2	17701	17474	17918	17698	1.25	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	5	-51	-36	-28	-105.68	cps
Silicon	28-1	259217	255622	255174	256671	0.86	cps
Silver	109-1	158	200	150	169	15.81	cps
Silver	107-1	250	342	300	297	15.44	cps
Sodium	23-2	4159	4059	4234	4151	2.12	cps
Strontium	86-1	708	425	442	525	30.29	cps
Strontium	88-1	242	200	192	211	12.69	cps
Sulfur	34-1	236530	232490	234700	234573	0.86	cps
Terbium	159-1	6097625	6224467	6184971	6169021	1.05	cps
Terbium	159-2	1292030	1288411	1302066	1294169	0.55	cps
Thallium	203-1	433	450	408	431	4.87	cps
Thallium	205-1	925	908	942	925	1.80	cps
Tin	118-1	1175	1133	1383	1231	10.89	cps
Titanium	47-1	117	125	50	97	42.28	cps
Uranium	238-1	117	133	175	142	21.21	cps
Vanadium	51-2	3	7	3	4	43.40	cps
Yttrium	89-1	4608500	4650371	4610237	4623036	0.51	cps
Yttrium	89-2	147674	147597	147881	147717	0.10	cps
Zinc	66-2	67	63	57	62	8.18	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:23:12	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	825	825	867	839	2.87	cps
Zirconium	91-1	250	183	267	233	18.90	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-06 Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412MS Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 18:26:37 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26392	25891	25733	26005	1.32	cps
Antimony	121-1	2999110	3015767	3005428	3006768	0.28	cps
Arsenic	75-2	28941	28888	28962	28930	0.13	cps
Barium	135-1	3221372	3240387	3226735	3229498	0.30	cps
Barium	137-1	5556867	5612645	5623552	5597688	0.64	cps
Beryllium	9-1	226873	222849	221038	223587	1.34	cps
Bismuth	209-1	4184611	4105571	4071573	4120585	1.41	cps
Bismuth	209-2	1025694	1024675	962755	1004375	3.59	cps
Boron	10-1	33097	33749	34016	33621	1.41	cps
Boron	11-1	154171	158806	157917	156965	1.57	cps
Cadmium	111-1	591761	596776	595907	594815	0.45	cps
Cadmium	106-1	61533	62353	62044	61977	0.67	cps
Cadmium	108-1	40824	41702	41464	41330	1.10	cps
Calcium	43-1	1421993	1435544	1408223	1421920	0.96	cps
Calcium	44-1	23189038	23009546	22907145	23035243	0.62	cps
Chromium	52-2	200720	200811	198543	200025	0.64	cps
Cobalt	59-2	443948	440920	438417	441095	0.63	cps
Copper	63-2	789679	791067	789063	789936	0.13	cps
Dysprosium	156-1	567	567	592	575	2.51	cps
Dysprosium	156-2	90	120	107	106	14.24	cps
Erbium	164-1	3067	3276	3201	3181	3.32	cps
Erbium	164-2	560	570	620	583	5.51	cps
Gadolinium	160-1	767	633	575	658	14.92	cps
Gadolinium	160-2	180	183	173	179	2.85	cps
Holmium	165-1	5894691	5901636	5928580	5908302	0.30	cps
Holmium	165-2	1222175	1230287	1146153	1199538	3.87	cps
Indium	115-1	4294323	4312824	4291939	4299695	0.27	cps
Indium	115-2	170561	167692	159100	165784	3.60	cps
Iron	56-2	6667744	6695395	6632056	6665065	0.48	cps
Iron	57-2	169601	165852	168004	167819	1.12	cps
Krypton	83-1	340	273	360	324	13.99	cps
Lead	206-1	2204617	2157599	2194439	2185552	1.13	cps
Lead	207-1	2000021	2005063	2009916	2005000	0.25	cps
Lead	208-1	8964589	8924735	8966976	8952100	0.27	cps
Lithium	6-1	672893	679858	688140	680297	1.12	cps
Magnesium	24-2	805190	800662	794663	800172	0.66	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-06 Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412MS Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 18:26:37 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	140888	140771	140202	140620	0.26	cps
Molybdenum	94-1	4567570	4612352	4636110	4605344	0.76	cps
Molybdenum	95-1	5641316	5588573	5623414	5617768	0.48	cps
Molybdenum	96-1	6257703	6299140	6277366	6278070	0.33	cps
Molybdenum	97-1	3500772	3541245	3526196	3522738	0.58	cps
Molybdenum	98-1	9077528	9054729	8990819	9041026	0.50	cps
Neodymium	150-1	953	900	893	916	3.59	cps
Neodymium	150-2	110	107	93	103	8.53	cps
Nickel	60-2	132937	132335	132732	132668	0.23	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	190226	189230	186225	188561	1.10	cps
Rhodium	103-1	3849973	3821344	3850505	3840607	0.43	cps
Rhodium	103-2	1001338	997982	929318	976213	4.16	cps
Scandium	45-1	1934655	1920075	1889508	1914746	1.20	cps
Scandium	45-2	14057	13550	12729	13446	4.98	cps
Selenium	77-2	177	180	130	162	17.23	cps
Selenium	78-2	604	628	728	653	10.07	cps
Selenium	82-1	36593	36213	36168	36325	0.64	cps
Silicon	28-1	14166657	14222597	14083220	14157491	0.50	cps
Silver	109-1	2891761	2918247	2903277	2904428	0.46	cps
Silver	107-1	3003500	3040884	3029369	3024584	0.63	cps
Sodium	23-2	2615105	2608952	2619423	2614493	0.20	cps
Strontium	86-1	1628999	1650443	1628939	1636127	0.76	cps
Strontium	88-1	14123341	14204516	13974386	14100748	0.83	cps
Sulfur	34-1	440835	442995	431248	438359	1.43	cps
Terbium	159-1	5946741	5995267	6014023	5985344	0.58	cps
Terbium	159-2	1158348	1155042	1086503	1133298	3.58	cps
Thallium	203-1	2710143	2712313	2779088	2733848	1.43	cps
Thallium	205-1	6391605	6382618	6483090	6419104	0.87	cps
Tin	118-1	1914486	1933246	1909388	1919040	0.65	cps
Titanium	47-1	1160528	1152557	1149463	1154183	0.49	cps
Uranium	238-1	9004977	9082197	9059368	9048847	0.44	cps
Vanadium	51-2	145233	145456	143751	144814	0.64	cps
Yttrium	89-1	4319704	4272785	4308032	4300174	0.57	cps
Yttrium	89-2	120270	120209	111676	117385	4.21	cps
Zinc	66-2	69151	68036	68629	68605	0.81	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-06	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412MS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:26:37	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3843396	3853292	3875899	3857529	0.43	cps
Zirconium	91-1	850730	853261	853720	852570	0.19	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-07 Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412MS Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 18:29:53 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25983	25440	24464	25296	3.04	cps
Antimony	121-1	3048777	3019329	3042436	3036848	0.51	cps
Arsenic	75-2	28570	28361	28613	28515	0.47	cps
Barium	135-1	3252055	3261081	3285122	3266086	0.52	cps
Barium	137-1	5675615	5666364	5759146	5700375	0.90	cps
Beryllium	9-1	221638	218404	217908	219317	0.92	cps
Bismuth	209-1	4081443	4042228	4112730	4078800	0.87	cps
Bismuth	209-2	1014746	1023872	1023601	1020739	0.51	cps
Boron	10-1	33456	33883	33557	33632	0.66	cps
Boron	11-1	155232	161179	159284	158565	1.92	cps
Cadmium	111-1	599898	595019	607174	600697	1.02	cps
Cadmium	106-1	62420	63541	63115	63026	0.90	cps
Cadmium	108-1	41873	42250	41982	42035	0.46	cps
Calcium	43-1	1400144	1427168	1431518	1419610	1.20	cps
Calcium	44-1	23412402	23102347	23233817	23249522	0.67	cps
Chromium	52-2	198982	198850	196558	198130	0.69	cps
Cobalt	59-2	447255	444100	442966	444774	0.50	cps
Copper	63-2	800594	796648	794186	797143	0.41	cps
Dysprosium	156-1	533	675	483	564	17.63	cps
Dysprosium	156-2	107	83	107	99	13.62	cps
Erbium	164-1	3142	2800	2992	2978	5.75	cps
Erbium	164-2	723	643	647	671	6.74	cps
Gadolinium	160-1	833	725	633	731	13.70	cps
Gadolinium	160-2	190	157	153	167	12.17	cps
Holmium	165-1	5958917	5966292	5923286	5949498	0.39	cps
Holmium	165-2	1208568	1226951	1229380	1221633	0.93	cps
Indium	115-1	4226456	4252776	4255438	4244890	0.38	cps
Indium	115-2	166128	166918	167558	166868	0.43	cps
Iron	56-2	6708861	6709374	6659402	6692546	0.43	cps
Iron	57-2	168854	169489	169596	169313	0.24	cps
Krypton	83-1	353	337	287	326	10.66	cps
Lead	206-1	2176532	2212859	2222537	2203976	1.10	cps
Lead	207-1	2027784	2057446	2031904	2039045	0.79	cps
Lead	208-1	8999199	9139628	9100207	9079678	0.80	cps
Lithium	6-1	670405	667815	663957	667392	0.49	cps
Magnesium	24-2	798224	787808	795233	793755	0.68	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-07 Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412MS Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 18:29:53 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	140144	141272	139532	140316	0.63	cps
Molybdenum	94-1	4685376	4724338	4676091	4695269	0.55	cps
Molybdenum	95-1	5760231	5681409	5747201	5729614	0.74	cps
Molybdenum	96-1	6390994	6330696	6344351	6355347	0.50	cps
Molybdenum	97-1	3606964	3531543	3576817	3571775	1.06	cps
Molybdenum	98-1	9187366	9205277	9168490	9187044	0.20	cps
Neodymium	150-1	933	760	700	798	15.19	cps
Neodymium	150-2	100	120	107	109	9.35	cps
Nickel	60-2	133071	133239	132806	133039	0.16	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	191238	188860	187136	189078	1.09	cps
Rhodium	103-1	3818606	3809572	3811607	3813262	0.12	cps
Rhodium	103-2	988757	995363	990167	991429	0.35	cps
Scandium	45-1	1874131	1902169	1882282	1886194	0.76	cps
Scandium	45-2	13627	13734	13690	13683	0.39	cps
Selenium	77-2	153	180	193	176	11.60	cps
Selenium	78-2	582	683	606	623	8.54	cps
Selenium	82-1	36430	36136	36476	36347	0.51	cps
Silicon	28-1	13968995	14106405	13907798	13994399	0.73	cps
Silver	109-1	2901887	2922182	2954140	2926070	0.90	cps
Silver	107-1	3037402	3058341	3051309	3049017	0.35	cps
Sodium	23-2	2592704	2654581	2622101	2623129	1.18	cps
Strontium	86-1	1667590	1646398	1680153	1664714	1.02	cps
Strontium	88-1	14317863	14181982	14465590	14321811	0.99	cps
Sulfur	34-1	435354	430851	428656	431620	0.79	cps
Terbium	159-1	6024304	6006035	6002833	6011058	0.19	cps
Terbium	159-2	1149194	1148115	1156995	1151435	0.42	cps
Thallium	203-1	2749020	2779571	2751189	2759927	0.62	cps
Thallium	205-1	6548096	6568093	6590397	6568862	0.32	cps
Tin	118-1	1940947	1937080	1955950	1944659	0.51	cps
Titanium	47-1	1166111	1167258	1150543	1161304	0.80	cps
Uranium	238-1	9179506	9141096	9274590	9198397	0.75	cps
Vanadium	51-2	146634	145122	144348	145368	0.80	cps
Yttrium	89-1	4247462	4268605	4280378	4265481	0.39	cps
Yttrium	89-2	118404	117972	119584	118653	0.70	cps
Zinc	66-2	69346	69342	69637	69442	0.24	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-07	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412MS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:29:53	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3910287	3923115	3895643	3909681	0.35	cps
Zirconium	91-1	859983	862200	863711	861965	0.22	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-05A Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412A Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 18:33:08 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25173	26075	24673	25307	2.81	cps
Antimony	121-1	3012531	3018730	3043885	3025049	0.55	cps
Arsenic	75-2	28643	28604	28837	28695	0.44	cps
Barium	135-1	3293227	3252240	3281450	3275639	0.64	cps
Barium	137-1	5696252	5708849	5674787	5693296	0.30	cps
Beryllium	9-1	222111	216206	216679	218332	1.50	cps
Bismuth	209-1	4121149	4051558	4107142	4093283	0.90	cps
Bismuth	209-2	1028418	1014546	1026445	1023136	0.73	cps
Boron	10-1	33749	34108	34242	34033	0.75	cps
Boron	11-1	156211	157093	156815	156706	0.29	cps
Cadmium	111-1	597784	599798	601993	599858	0.35	cps
Cadmium	106-1	61022	62520	62170	61904	1.27	cps
Cadmium	108-1	43019	42166	42726	42637	1.02	cps
Calcium	43-1	1398324	1410421	1399721	1402822	0.47	cps
Calcium	44-1	22981703	22834305	22882983	22899664	0.33	cps
Chromium	52-2	199638	198412	198489	198846	0.35	cps
Cobalt	59-2	444190	444234	443535	443986	0.09	cps
Copper	63-2	801578	797172	795812	798187	0.38	cps
Dysprosium	156-1	550	608	442	533	15.86	cps
Dysprosium	156-2	127	130	107	121	10.42	cps
Erbium	164-1	3251	3342	3326	3306	1.48	cps
Erbium	164-2	680	597	620	632	6.80	cps
Gadolinium	160-1	758	675	692	708	6.23	cps
Gadolinium	160-2	157	133	183	158	15.86	cps
Holmium	165-1	5929858	5965850	5977908	5957872	0.42	cps
Holmium	165-2	1230625	1208910	1218366	1219300	0.89	cps
Indium	115-1	4186564	4255318	4253969	4231950	0.93	cps
Indium	115-2	165963	165265	166436	165888	0.35	cps
Iron	56-2	6700084	6696728	6653725	6683512	0.39	cps
Iron	57-2	167460	165189	167493	166714	0.79	cps
Krypton	83-1	333	343	317	331	4.07	cps
Lead	206-1	2225196	2218201	2224012	2222470	0.17	cps
Lead	207-1	2031437	2063642	2083209	2059429	1.27	cps
Lead	208-1	9137306	9154624	9124076	9138669	0.17	cps
Lithium	6-1	660904	646941	644292	650712	1.37	cps
Magnesium	24-2	796006	790054	786199	790753	0.62	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-05A	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412A	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:33:08	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	139646	141342	138482	139823	1.03	cps
Molybdenum	94-1	4628121	4677497	4701274	4668964	0.80	cps
Molybdenum	95-1	5641636	5722965	5679254	5681285	0.72	cps
Molybdenum	96-1	6301894	6319664	6364224	6328594	0.51	cps
Molybdenum	97-1	3550452	3567828	3550581	3556287	0.28	cps
Molybdenum	98-1	9126685	9137395	9143841	9135974	0.09	cps
Neodymium	150-1	947	980	900	942	4.26	cps
Neodymium	150-2	80	87	80	82	4.68	cps
Nickel	60-2	134428	134781	134246	134485	0.20	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	189685	188757	184976	187806	1.33	cps
Rhodium	103-1	3809199	3814014	3812310	3811841	0.06	cps
Rhodium	103-2	993658	984026	990714	989466	0.50	cps
Scandium	45-1	1882994	1859773	1868285	1870351	0.63	cps
Scandium	45-2	13704	13617	13156	13492	2.18	cps
Selenium	77-2	157	207	180	181	13.81	cps
Selenium	78-2	670	619	563	617	8.70	cps
Selenium	82-1	36195	36436	36959	36530	1.07	cps
Silicon	28-1	14061474	13994597	13775027	13943699	1.07	cps
Silver	109-1	2935380	2962964	2977833	2958726	0.73	cps
Silver	107-1	3047171	3043799	3061012	3050660	0.30	cps
Sodium	23-2	2592464	2599346	2553379	2581730	0.96	cps
Strontium	86-1	1635406	1645174	1650609	1643730	0.47	cps
Strontium	88-1	14230561	14280987	14315266	14275605	0.30	cps
Sulfur	34-1	431593	427400	426646	428546	0.62	cps
Terbium	159-1	5944259	6016571	5957077	5972636	0.65	cps
Terbium	159-2	1161344	1155887	1152956	1156729	0.37	cps
Thallium	203-1	2774513	2776871	2772850	2774745	0.07	cps
Thallium	205-1	6569075	6642182	6599881	6603713	0.56	cps
Tin	118-1	1953476	1956862	1950081	1953473	0.17	cps
Titanium	47-1	1152960	1152940	1153967	1153289	0.05	cps
Uranium	238-1	9258175	9257456	9243348	9252993	0.09	cps
Vanadium	51-2	145489	144635	144833	144986	0.31	cps
Yttrium	89-1	4262284	4263062	4265657	4263667	0.04	cps
Yttrium	89-2	119514	116182	118072	117923	1.42	cps
Zinc	66-2	69637	68545	69041	69074	0.79	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-05A	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412A	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:33:08	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3944852	3935385	3938433	3939557	0.12	cps
Zirconium	91-1	857861	857909	861666	859145	0.25	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-08	Instrumnet Name :	P8
Client Sample ID :	DUP-0442-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:36:24	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	108	67	75	40.06	cps
Antimony	121-1	9037	9429	9746	9404	3.78	cps
Arsenic	75-2	319	313	356	329	7.04	cps
Barium	135-1	178186	180213	178918	179106	0.57	cps
Barium	137-1	309343	311952	315841	312379	1.05	cps
Beryllium	9-1	478	433	317	409	20.33	cps
Bismuth	209-1	4112574	4183172	4153959	4149902	0.85	cps
Bismuth	209-2	1036248	1026496	1031690	1031478	0.47	cps
Boron	10-1	18688	19773	20040	19500	3.67	cps
Boron	11-1	89000	90361	92061	90474	1.69	cps
Cadmium	111-1	800	673	640	704	11.94	cps
Cadmium	106-1	800	750	700	750	6.67	cps
Cadmium	108-1	21	21	29	24	20.39	cps
Calcium	43-1	1174881	1173064	1180900	1176282	0.35	cps
Calcium	44-1	19529120	19573537	19542679	19548445	0.12	cps
Chromium	52-2	493	487	497	492	1.03	cps
Cobalt	59-2	1637	1557	1640	1611	2.93	cps
Copper	63-2	960	983	793	912	11.36	cps
Dysprosium	156-1	100	125	92	106	16.44	cps
Dysprosium	156-2	23	33	30	29	17.63	cps
Erbium	164-1	75	150	183	136	40.77	cps
Erbium	164-2	30	27	20	26	19.92	cps
Gadolinium	160-1	158	142	125	142	11.76	cps
Gadolinium	160-2	50	27	30	36	35.49	cps
Holmium	165-1	5921476	5959776	5977637	5952963	0.48	cps
Holmium	165-2	1218192	1210000	1214422	1214205	0.34	cps
Indium	115-1	4345646	4346933	4316332	4336304	0.40	cps
Indium	115-2	172090	168808	169528	170142	1.01	cps
Iron	56-2	3236231	3211166	3194739	3214045	0.65	cps
Iron	57-2	81790	78906	79403	80033	1.93	cps
Krypton	83-1	330	290	313	311	6.46	cps
Lead	206-1	1572	1478	1578	1543	3.64	cps
Lead	207-1	1295	1267	1217	1259	3.13	cps
Lead	208-1	6145	5956	5773	5958	3.12	cps
Lithium	6-1	639179	627041	613576	626599	2.04	cps
Magnesium	24-2	289127	282632	280161	283973	1.63	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-08	Instrumnet Name :	P8
Client Sample ID :	DUP-0442-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:36:24	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	77896	77835	77088	77606	0.58	cps
Molybdenum	94-1	7686	7502	7286	7491	2.67	cps
Molybdenum	95-1	9495	10530	10855	10293	6.90	cps
Molybdenum	96-1	11288	11814	11614	11572	2.29	cps
Molybdenum	97-1	6777	6860	7486	7041	5.50	cps
Molybdenum	98-1	16861	17796	18805	17821	5.46	cps
Neodymium	150-1	153	127	120	133	13.23	cps
Neodymium	150-2	30	23	17	23	28.56	cps
Nickel	60-2	940	910	883	911	3.11	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	11280	10938	11071	11097	1.55	cps
Rhodium	103-1	3867936	3891546	3863749	3874410	0.39	cps
Rhodium	103-2	1002924	999674	999234	1000611	0.20	cps
Scandium	45-1	1886585	1876616	1869862	1877688	0.45	cps
Scandium	45-2	13276	13420	13373	13357	0.55	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	17	62	56	45	54.37	cps
Silicon	28-1	15571919	15529015	15655689	15585541	0.41	cps
Silver	109-1	767	1816	608	1064	61.69	cps
Silver	107-1	767	892	667	775	14.55	cps
Sodium	23-2	1226805	1235336	1246489	1236210	0.80	cps
Strontium	86-1	911571	917884	925327	918261	0.75	cps
Strontium	88-1	8044659	7985735	8063391	8031262	0.50	cps
Sulfur	34-1	185122	181466	181779	182789	1.11	cps
Terbium	159-1	5882162	6009514	6060566	5984080	1.54	cps
Terbium	159-2	1146532	1143252	1142756	1144180	0.18	cps
Thallium	203-1	1008	1283	1100	1131	12.39	cps
Thallium	205-1	3026	2425	2459	2637	12.79	cps
Tin	118-1	23947	23405	22970	23441	2.09	cps
Titanium	47-1	1233	1158	1067	1153	7.24	cps
Uranium	238-1	4601	5243	5260	5035	7.46	cps
Vanadium	51-2	137	143	137	139	2.77	cps
Yttrium	89-1	4280993	4302499	4225371	4269621	0.93	cps
Yttrium	89-2	119271	118031	116720	118007	1.08	cps
Zinc	66-2	313	387	407	369	13.32	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-08	Instrumnet Name :	P8
Client Sample ID :	DUP-0442-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:36:24	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4726	4359	4218	4434	5.92	cps
Zirconium	91-1	1000	967	933	967	3.45	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-10	Instrumnet Name :	P8
Client Sample ID :	LF014RW041-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:39:47	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	475	667	517	553	18.24	cps
Antimony	121-1	9145	9120	9571	9279	2.73	cps
Arsenic	75-2	369	315	315	333	9.32	cps
Barium	135-1	233628	233703	231967	233099	0.42	cps
Barium	137-1	408794	414756	413942	412497	0.78	cps
Beryllium	9-1	256	217	256	243	9.26	cps
Bismuth	209-1	4208943	4173135	4190727	4190935	0.43	cps
Bismuth	209-2	1039661	1046830	1042185	1042892	0.35	cps
Boron	10-1	7952	7886	8061	7966	1.11	cps
Boron	11-1	37341	36898	36698	36979	0.89	cps
Cadmium	111-1	1307	1408	1296	1337	4.60	cps
Cadmium	106-1	725	642	758	708	8.48	cps
Cadmium	108-1	54	83	50	63	29.06	cps
Calcium	43-1	1021130	1020262	1025094	1022162	0.25	cps
Calcium	44-1	16862711	16942748	16871707	16892389	0.26	cps
Chromium	52-2	563	503	573	547	6.93	cps
Cobalt	59-2	1273	1273	1367	1305	4.13	cps
Copper	63-2	1180	1033	1097	1103	6.67	cps
Dysprosium	156-1	325	400	267	331	20.22	cps
Dysprosium	156-2	53	37	67	52	28.78	cps
Erbium	164-1	317	225	275	272	16.86	cps
Erbium	164-2	43	53	67	54	21.51	cps
Gadolinium	160-1	383	258	283	308	21.45	cps
Gadolinium	160-2	87	103	77	89	15.16	cps
Holmium	165-1	5919926	5911194	5993744	5941622	0.76	cps
Holmium	165-2	1206059	1210093	1208932	1208361	0.17	cps
Indium	115-1	4371942	4406977	4421788	4400236	0.58	cps
Indium	115-2	171213	173065	169665	171315	0.99	cps
Iron	56-2	559691	556796	557901	558129	0.26	cps
Iron	57-2	14603	14391	14102	14365	1.75	cps
Krypton	83-1	273	330	280	294	10.52	cps
Lead	206-1	2728	2834	2545	2702	5.41	cps
Lead	207-1	2284	2306	2156	2248	3.60	cps
Lead	208-1	10363	10758	10263	10461	2.50	cps
Lithium	6-1	621597	608373	587018	605662	2.88	cps
Magnesium	24-2	114641	114137	115837	114872	0.76	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-10	Instrumnet Name :	P8
Client Sample ID :	LF014RW041-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:39:47	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	215387	213564	214804	214585	0.43	cps
Molybdenum	94-1	3292	3367	3201	3287	2.54	cps
Molybdenum	95-1	3492	3734	3934	3720	5.95	cps
Molybdenum	96-1	3759	4001	4568	4109	10.10	cps
Molybdenum	97-1	1875	2509	2409	2264	15.04	cps
Molybdenum	98-1	5460	5952	6569	5993	9.27	cps
Neodymium	150-1	493	447	480	473	5.08	cps
Neodymium	150-2	50	50	50	50	0.00	cps
Nickel	60-2	1407	1513	1487	1469	3.78	cps
Phosphorus	31-2	75	92	33	67	45.07	cps
Potassium	39-2	79794	78587	79407	79263	0.78	cps
Rhodium	103-1	3838349	3847501	3862332	3849394	0.31	cps
Rhodium	103-2	997138	1002862	999405	999802	0.29	cps
Scandium	45-1	1863836	1870729	1849039	1861201	0.60	cps
Scandium	45-2	13310	13343	14024	13559	2.97	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	43	5	34	27	73.92	cps
Silicon	28-1	14832690	14528360	14551395	14637482	1.16	cps
Silver	109-1	625	558	500	561	11.15	cps
Silver	107-1	550	508	483	514	6.55	cps
Sodium	23-2	539363	540573	543548	541161	0.40	cps
Strontium	86-1	585648	590794	591357	589266	0.53	cps
Strontium	88-1	5221437	5217320	5258922	5232560	0.44	cps
Sulfur	34-1	315006	310775	308131	311304	1.11	cps
Terbium	159-1	5975125	6037865	5977895	5996962	0.59	cps
Terbium	159-2	1144617	1150332	1151319	1148756	0.31	cps
Thallium	203-1	683	617	700	667	6.61	cps
Thallium	205-1	1558	1483	1517	1520	2.47	cps
Tin	118-1	17195	16720	16436	16784	2.29	cps
Titanium	47-1	1875	1675	2184	1911	13.40	cps
Uranium	238-1	15736	15127	14885	15249	2.88	cps
Vanadium	51-2	447	520	450	472	8.77	cps
Yttrium	89-1	4283669	4313616	4302408	4299898	0.35	cps
Yttrium	89-2	117114	119036	116686	117612	1.06	cps
Zinc	66-2	11572	11442	11075	11363	2.27	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-10	Instrumnet Name :	P8
Client Sample ID :	LF014RW041-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:39:47	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3092	3284	2934	3103	5.65	cps
Zirconium	91-1	717	675	858	750	12.82	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-11	Instrumnet Name :	P8
Client Sample ID :	LF014RW040-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:43:11	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	292	258	183	244	22.70	cps
Antimony	121-1	9287	9554	10196	9679	4.83	cps
Arsenic	75-2	246	267	265	259	4.34	cps
Barium	135-1	78349	78139	77334	77941	0.69	cps
Barium	137-1	137828	138310	139580	138573	0.65	cps
Beryllium	9-1	206	211	239	219	8.17	cps
Bismuth	209-1	4118738	4111579	4149774	4126697	0.49	cps
Bismuth	209-2	1046164	1038239	1036291	1040231	0.50	cps
Boron	10-1	11222	11138	11130	11163	0.45	cps
Boron	11-1	50364	51661	52522	51516	2.11	cps
Cadmium	111-1	931	910	905	916	1.50	cps
Cadmium	106-1	733	758	692	728	4.63	cps
Cadmium	108-1	46	71	29	49	43.14	cps
Calcium	43-1	1161874	1169760	1163872	1165169	0.35	cps
Calcium	44-1	19294850	19337470	19300372	19310897	0.12	cps
Chromium	52-2	517	510	443	490	8.28	cps
Cobalt	59-2	630	783	730	714	10.90	cps
Copper	63-2	2920	2864	2927	2904	1.20	cps
Dysprosium	156-1	133	142	125	133	6.25	cps
Dysprosium	156-2	23	17	27	22	22.91	cps
Erbium	164-1	150	175	200	175	14.28	cps
Erbium	164-2	53	27	33	38	36.73	cps
Gadolinium	160-1	175	200	167	181	9.61	cps
Gadolinium	160-2	50	43	27	40	30.04	cps
Holmium	165-1	5883696	6009965	5945682	5946448	1.06	cps
Holmium	165-2	1220290	1208124	1217256	1215223	0.52	cps
Indium	115-1	4349666	4374746	4446458	4390290	1.14	cps
Indium	115-2	175981	172392	173315	173896	1.07	cps
Iron	56-2	109589	108257	108379	108741	0.68	cps
Iron	57-2	2595	2678	2811	2695	4.06	cps
Krypton	83-1	313	337	313	321	4.20	cps
Lead	206-1	2278	2328	2178	2261	3.38	cps
Lead	207-1	2100	2156	1889	2048	6.87	cps
Lead	208-1	9446	9457	8868	9257	3.64	cps
Lithium	6-1	580247	569635	561557	570480	1.64	cps
Magnesium	24-2	169911	168435	166928	168425	0.89	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-11	Instrumnet Name :	P8
Client Sample ID :	LF014RW040-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:43:11	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	12613	11965	12112	12230	2.77	cps
Molybdenum	94-1	3417	3517	3467	3467	1.44	cps
Molybdenum	95-1	4568	5351	4951	4957	7.90	cps
Molybdenum	96-1	5493	5710	5868	5690	3.31	cps
Molybdenum	97-1	2925	3484	3234	3214	8.70	cps
Molybdenum	98-1	7878	8244	8361	8161	3.09	cps
Neodymium	150-1	313	220	160	231	33.43	cps
Neodymium	150-2	40	33	30	34	14.78	cps
Nickel	60-2	1133	1137	1203	1158	3.41	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	28188	27428	28037	27884	1.44	cps
Rhodium	103-1	3924510	3886517	3934365	3915131	0.65	cps
Rhodium	103-2	1015717	1012380	1013631	1013909	0.17	cps
Scandium	45-1	1870111	1882677	1882925	1878571	0.39	cps
Scandium	45-2	13643	13810	13864	13772	0.83	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	76	32	46	51	42.97	cps
Silicon	28-1	12635405	12667359	12542444	12615069	0.51	cps
Silver	109-1	475	383	600	486	22.37	cps
Silver	107-1	575	575	567	572	0.84	cps
Sodium	23-2	990716	985859	1001094	992556	0.78	cps
Strontium	86-1	915638	913000	911052	913230	0.25	cps
Strontium	88-1	8024396	7937551	8079629	8013858	0.89	cps
Sulfur	34-1	449632	446485	446695	447604	0.39	cps
Terbium	159-1	6001426	5993915	6087177	6027506	0.86	cps
Terbium	159-2	1156600	1143855	1154182	1151545	0.59	cps
Thallium	203-1	492	542	633	556	12.93	cps
Thallium	205-1	1358	1483	1392	1411	4.59	cps
Tin	118-1	12681	12890	12690	12754	0.93	cps
Titanium	47-1	1209	950	983	1047	13.42	cps
Uranium	238-1	101428	100891	99622	100647	0.92	cps
Vanadium	51-2	297	287	320	301	5.68	cps
Yttrium	89-1	4233064	4243908	4306457	4261143	0.93	cps
Yttrium	89-2	121023	119200	119483	119902	0.82	cps
Zinc	66-2	14688	14758	14691	14712	0.27	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-11	Instrumnet Name :	P8
Client Sample ID :	LF014RW040-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:43:11	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1659	1550	1700	1636	4.73	cps
Zirconium	91-1	308	333	350	331	6.34	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-12	Instrumnet Name :	P8
Client Sample ID :	LF014MW026-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:46:34	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	58	67	67	12.49	cps
Antimony	121-1	8703	9746	9729	9393	6.36	cps
Arsenic	75-2	72	96	65	78	21.16	cps
Barium	135-1	95334	94234	96131	95233	1.00	cps
Barium	137-1	166874	165474	167719	166689	0.68	cps
Beryllium	9-1	161	189	122	157	21.27	cps
Bismuth	209-1	4177416	4235026	4138789	4183744	1.16	cps
Bismuth	209-2	1052467	1047520	980521	1026836	3.91	cps
Boron	10-1	8428	8103	8911	8481	4.80	cps
Boron	11-1	40007	40917	41528	40818	1.87	cps
Cadmium	111-1	543	567	536	549	2.96	cps
Cadmium	106-1	675	742	675	697	5.52	cps
Cadmium	108-1	13	21	4	13	66.64	cps
Calcium	43-1	1044532	1043615	1051563	1046570	0.42	cps
Calcium	44-1	17424778	17334129	17372074	17376994	0.26	cps
Chromium	52-2	487	450	417	451	7.76	cps
Cobalt	59-2	60	67	87	71	19.52	cps
Copper	63-2	620	617	537	591	7.98	cps
Dysprosium	156-1	50	33	58	47	26.97	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	92	108	100	100	8.33	cps
Erbium	164-2	10	10	13	11	17.30	cps
Gadolinium	160-1	58	58	58	58	0.00	cps
Gadolinium	160-2	3	10	20	11	75.52	cps
Holmium	165-1	5972071	6001967	5937493	5970511	0.54	cps
Holmium	165-2	1226349	1219435	1134504	1193429	4.29	cps
Indium	115-1	4339106	4407680	4409640	4385475	0.92	cps
Indium	115-2	176230	173743	161990	170654	4.46	cps
Iron	56-2	7024	6780	6718	6841	2.37	cps
Iron	57-2	200	183	189	191	4.45	cps
Krypton	83-1	290	280	280	283	2.04	cps
Lead	206-1	817	744	756	772	5.04	cps
Lead	207-1	633	678	600	637	6.13	cps
Lead	208-1	3072	2917	2934	2974	2.87	cps
Lithium	6-1	574377	562317	551202	562632	2.06	cps
Magnesium	24-2	117374	115315	115096	115928	1.08	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-12	Instrumnet Name :	P8
Client Sample ID :	LF014MW026-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:46:34	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	107	113	150	123	18.92	cps
Molybdenum	94-1	1125	1325	1217	1222	8.19	cps
Molybdenum	95-1	1600	1767	1817	1728	6.57	cps
Molybdenum	96-1	1842	2125	2050	2006	7.32	cps
Molybdenum	97-1	1283	1250	1275	1270	1.37	cps
Molybdenum	98-1	2975	2800	2850	2875	3.14	cps
Neodymium	150-1	60	53	107	73	39.62	cps
Neodymium	150-2	10	10	17	12	31.50	cps
Nickel	60-2	553	533	527	538	2.58	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	14884	14416	14942	14747	1.95	cps
Rhodium	103-1	3861298	3918938	3904629	3894955	0.77	cps
Rhodium	103-2	1027951	1021942	952912	1000935	4.17	cps
Scandium	45-1	1878776	1875939	1887828	1880848	0.33	cps
Scandium	45-2	14184	13343	12646	13391	5.75	cps
Selenium	77-2	0	13	0	4	173.21	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	90	103	92	95	7.21	cps
Silicon	28-1	15165814	15089614	15102434	15119287	0.27	cps
Silver	109-1	492	433	500	475	7.65	cps
Silver	107-1	450	500	433	461	7.52	cps
Sodium	23-2	592506	594332	594829	593889	0.21	cps
Strontium	86-1	809363	811550	818995	813302	0.62	cps
Strontium	88-1	7102862	7132892	7228550	7154768	0.92	cps
Sulfur	34-1	277857	271318	272176	273784	1.30	cps
Terbium	159-1	5978593	6014555	6065341	6019496	0.72	cps
Terbium	159-2	1162920	1153057	1077749	1131242	4.12	cps
Thallium	203-1	492	408	333	411	19.27	cps
Thallium	205-1	900	750	900	850	10.19	cps
Tin	118-1	9279	10113	10029	9807	4.68	cps
Titanium	47-1	650	658	492	600	15.65	cps
Uranium	238-1	23915	23406	23857	23726	1.17	cps
Vanadium	51-2	623	550	540	571	7.97	cps
Yttrium	89-1	4322562	4258054	4316191	4298935	0.83	cps
Yttrium	89-2	119793	119231	111422	116816	4.01	cps
Zinc	66-2	527	657	577	587	11.18	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-12	Instrumnet Name :	P8
Client Sample ID :	LF014MW026-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:46:34	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	600	850	592	681	21.57	cps
Zirconium	91-1	317	183	208	236	30.03	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-14	Instrumnet Name :	P8
Client Sample ID :	LF014RW132-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:49:57	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	92	67	72	24.02	cps
Antimony	121-1	8361	8520	8478	8453	0.97	cps
Arsenic	75-2	1939	1882	1933	1918	1.65	cps
Barium	135-1	425226	421226	428913	425122	0.90	cps
Barium	137-1	743626	752706	753416	749916	0.73	cps
Beryllium	9-1	144	100	150	131	20.85	cps
Bismuth	209-1	4139557	4162270	4155038	4152288	0.28	cps
Bismuth	209-2	1020251	1024336	1024691	1023093	0.24	cps
Boron	10-1	18279	17795	17828	17967	1.50	cps
Boron	11-1	84298	84256	84449	84334	0.12	cps
Cadmium	111-1	572	534	530	545	4.21	cps
Cadmium	106-1	733	675	667	692	5.25	cps
Cadmium	108-1	0	25	17	14	91.65	cps
Calcium	43-1	1617987	1604193	1612963	1611715	0.43	cps
Calcium	44-1	26125838	26064207	26153671	26114572	0.18	cps
Chromium	52-2	543	527	537	536	1.57	cps
Cobalt	59-2	450	403	430	428	5.47	cps
Copper	63-2	880	943	973	932	5.11	cps
Dysprosium	156-1	42	108	33	61	67.27	cps
Dysprosium	156-2	13	0	17	10	88.20	cps
Erbium	164-1	83	50	92	75	29.40	cps
Erbium	164-2	10	10	20	13	43.30	cps
Gadolinium	160-1	58	50	50	53	9.12	cps
Gadolinium	160-2	10	23	7	13	66.12	cps
Holmium	165-1	6025540	6028900	5971449	6008630	0.54	cps
Holmium	165-2	1214415	1209459	1214636	1212837	0.24	cps
Indium	115-1	4372605	4336542	4387651	4365600	0.60	cps
Indium	115-2	168134	169868	167759	168587	0.67	cps
Iron	56-2	4049912	4012822	4026821	4029852	0.46	cps
Iron	57-2	99833	100980	100835	100549	0.62	cps
Krypton	83-1	337	283	370	330	13.25	cps
Lead	206-1	1834	1822	2067	1908	7.24	cps
Lead	207-1	1622	1483	1467	1524	5.60	cps
Lead	208-1	7534	7429	7557	7507	0.91	cps
Lithium	6-1	568399	561666	556760	562275	1.04	cps
Magnesium	24-2	258186	256286	259720	258064	0.67	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-14	Instrumnet Name :	P8
Client Sample ID :	LF014RW132-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:49:57	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	66267	66839	67817	66974	1.17	cps
Molybdenum	94-1	3151	2925	2917	2998	4.42	cps
Molybdenum	95-1	3434	3951	4059	3815	8.76	cps
Molybdenum	96-1	4084	4167	4459	4237	4.65	cps
Molybdenum	97-1	2600	2675	2275	2517	8.45	cps
Molybdenum	98-1	6152	6218	6585	6318	3.70	cps
Neodymium	150-1	127	80	113	107	22.54	cps
Neodymium	150-2	17	7	3	9	78.08	cps
Nickel	60-2	613	740	727	693	10.04	cps
Phosphorus	31-2	25	17	33	25	33.34	cps
Potassium	39-2	29791	28680	28663	29045	2.22	cps
Rhodium	103-1	3877322	3882543	3880050	3879971	0.07	cps
Rhodium	103-2	988896	992281	989391	990190	0.18	cps
Scandium	45-1	1898671	1869391	1879968	1882677	0.79	cps
Scandium	45-2	13734	12763	13503	13333	3.81	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	45	122	32	66	72.85	cps
Silicon	28-1	15313060	15276527	15231656	15273748	0.27	cps
Silver	109-1	367	375	400	381	4.56	cps
Silver	107-1	458	342	417	406	14.58	cps
Sodium	23-2	2341307	2362174	2329693	2344391	0.70	cps
Strontium	86-1	1130225	1113791	1120925	1121647	0.73	cps
Strontium	88-1	9824715	9695406	9877626	9799249	0.96	cps
Sulfur	34-1	237123	231372	231001	233166	1.47	cps
Terbium	159-1	6035350	6037388	6057031	6043257	0.20	cps
Terbium	159-2	1140481	1141805	1142843	1141710	0.10	cps
Thallium	203-1	383	450	300	378	19.89	cps
Thallium	205-1	683	692	642	672	3.99	cps
Tin	118-1	9137	9779	9137	9351	3.96	cps
Titanium	47-1	1058	1075	975	1036	5.17	cps
Uranium	238-1	3276	3242	3226	3248	0.78	cps
Vanadium	51-2	200	163	243	202	19.80	cps
Yttrium	89-1	4295755	4299107	4310173	4301678	0.18	cps
Yttrium	89-2	117201	116094	116034	116443	0.56	cps
Zinc	66-2	793	877	850	840	5.07	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-14	Instrumnet Name :	P8
Client Sample ID :	LF014RW132-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:49:57	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1609	1467	1475	1517	5.24	cps
Zirconium	91-1	375	350	408	378	7.75	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-15	Instrumnet Name :	P8
Client Sample ID :	LF014MW015-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:53:20	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	58	33	47	26.97	cps
Antimony	121-1	8495	8920	8887	8767	2.70	cps
Arsenic	75-2	2391	2356	2484	2410	2.74	cps
Barium	135-1	1159861	1126673	1108175	1131570	2.31	cps
Barium	137-1	2079770	2023672	2029798	2044413	1.51	cps
Beryllium	9-1	189	122	122	144	26.65	cps
Bismuth	209-1	4371521	4164189	4117239	4217650	3.21	cps
Bismuth	209-2	1020985	1038480	1036620	1032028	0.93	cps
Boron	10-1	12815	12681	12890	12795	0.83	cps
Boron	11-1	61759	62211	60838	61603	1.14	cps
Cadmium	111-1	553	497	537	529	5.43	cps
Cadmium	106-1	717	625	692	678	6.99	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Calcium	43-1	990591	963380	935866	963279	2.84	cps
Calcium	44-1	16505249	15902827	15586524	15998200	2.92	cps
Chromium	52-2	450	340	330	373	17.84	cps
Cobalt	59-2	1683	1717	1837	1746	4.62	cps
Copper	63-2	587	560	637	594	6.55	cps
Dysprosium	156-1	83	75	92	83	10.00	cps
Dysprosium	156-2	27	13	20	20	33.35	cps
Erbium	164-1	92	50	117	86	39.11	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	75	25	92	64	54.31	cps
Gadolinium	160-2	23	17	13	18	28.64	cps
Holmium	165-1	6123711	5936633	5956145	6005497	1.71	cps
Holmium	165-2	1185844	1203840	1211502	1200395	1.10	cps
Indium	115-1	4465213	4296501	4285908	4349207	2.31	cps
Indium	115-2	165949	168139	165830	166639	0.78	cps
Iron	56-2	3080380	3155744	3124627	3120250	1.21	cps
Iron	57-2	76817	76855	77962	77211	0.84	cps
Krypton	83-1	327	310	387	341	11.82	cps
Lead	206-1	1228	1300	1211	1246	3.79	cps
Lead	207-1	1145	1045	1017	1069	6.29	cps
Lead	208-1	4984	4923	4878	4928	1.08	cps
Lithium	6-1	590204	561756	555767	569242	3.23	cps
Magnesium	24-2	161829	161592	162864	162095	0.42	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-15	Instrumnet Name :	P8
Client Sample ID :	LF014MW015-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:53:20	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	136687	137993	138481	137720	0.67	cps
Molybdenum	94-1	4618	4926	4910	4818	3.60	cps
Molybdenum	95-1	8153	7894	7828	7958	2.16	cps
Molybdenum	96-1	8720	8311	8270	8434	2.95	cps
Molybdenum	97-1	4851	5151	5251	5085	4.10	cps
Molybdenum	98-1	12239	12915	12573	12576	2.69	cps
Neodymium	150-1	133	100	107	113	15.57	cps
Neodymium	150-2	17	3	23	14	70.51	cps
Nickel	60-2	1360	1397	1317	1358	2.95	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	24088	24180	23303	23857	2.02	cps
Rhodium	103-1	3949931	3796030	3829697	3858553	2.10	cps
Rhodium	103-2	976088	992777	995414	988093	1.06	cps
Scandium	45-1	1873453	1802643	1795614	1823903	2.36	cps
Scandium	45-2	12739	12796	13243	12926	2.13	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-1	-9	-37	-16	-123.08	cps
Silicon	28-1	17778571	16988654	16759944	17175723	3.11	cps
Silver	109-1	450	417	367	411	10.20	cps
Silver	107-1	492	400	400	431	12.29	cps
Sodium	23-2	974250	988290	995921	986153	1.11	cps
Strontium	86-1	957801	928204	915271	933759	2.33	cps
Strontium	88-1	8432638	8114547	8060886	8202690	2.45	cps
Sulfur	34-1	236607	231450	229976	232678	1.50	cps
Terbium	159-1	6225741	5906247	5968489	6033492	2.81	cps
Terbium	159-2	1124839	1138253	1147614	1136902	1.01	cps
Thallium	203-1	233	233	233	233	0.00	cps
Thallium	205-1	858	658	825	781	13.73	cps
Tin	118-1	8586	8028	8545	8386	3.71	cps
Titanium	47-1	942	825	675	814	16.43	cps
Uranium	238-1	933	1025	950	970	5.04	cps
Vanadium	51-2	113	70	87	90	24.29	cps
Yttrium	89-1	4377902	4125403	4161236	4221514	3.24	cps
Yttrium	89-2	113927	115584	115224	114911	0.76	cps
Zinc	66-2	713	727	727	722	1.07	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-15	Instrumnet Name :	P8
Client Sample ID :	LF014MW015-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:53:20	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1042	1067	1100	1070	2.74	cps
Zirconium	91-1	225	250	242	239	5.33	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-16	Instrumnet Name :	P8
Client Sample ID :	LF014MW009-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:56:42	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	242	242	233	239	2.02	cps
Antimony	121-1	8912	8895	9254	9020	2.24	cps
Arsenic	75-2	83	104	98	95	11.08	cps
Barium	135-1	101001	101412	101343	101252	0.22	cps
Barium	137-1	177364	179452	179730	178849	0.72	cps
Beryllium	9-1	122	100	150	124	20.19	cps
Bismuth	209-1	4010617	4118786	4093687	4074363	1.39	cps
Bismuth	209-2	1028764	918669	1011815	986416	6.01	cps
Boron	10-1	71194	73254	73070	72506	1.57	cps
Boron	11-1	341873	352726	352467	349022	1.77	cps
Cadmium	111-1	563	516	581	553	6.06	cps
Cadmium	106-1	767	650	767	728	9.26	cps
Cadmium	108-1	17	8	8	11	43.34	cps
Calcium	43-1	1880430	1921170	1922126	1907908	1.25	cps
Calcium	44-1	30626215	31016481	31319451	30987382	1.12	cps
Chromium	52-2	437	373	437	416	8.80	cps
Cobalt	59-2	1310	1397	1360	1356	3.21	cps
Copper	63-2	687	710	677	691	2.48	cps
Dysprosium	156-1	217	108	175	167	32.79	cps
Dysprosium	156-2	40	37	37	38	5.09	cps
Erbium	164-1	125	158	192	158	21.05	cps
Erbium	164-2	30	13	27	23	37.81	cps
Gadolinium	160-1	275	258	117	217	40.16	cps
Gadolinium	160-2	57	30	57	48	32.23	cps
Holmium	165-1	5893639	6002126	5995249	5963671	1.02	cps
Holmium	165-2	1237394	1112466	1225621	1191827	5.79	cps
Indium	115-1	4243204	4356414	4370232	4323284	1.61	cps
Indium	115-2	172522	154764	171885	166390	6.05	cps
Iron	56-2	78961	79096	77637	78565	1.03	cps
Iron	57-2	1961	2195	2245	2134	7.09	cps
Krypton	83-1	323	307	283	304	6.60	cps
Lead	206-1	1250	1278	1256	1261	1.17	cps
Lead	207-1	1022	989	1172	1061	9.20	cps
Lead	208-1	5017	4945	5028	4997	0.91	cps
Lithium	6-1	549769	547022	537520	544770	1.18	cps
Magnesium	24-2	519602	516900	519462	518654	0.29	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-16	Instrumnet Name :	P8
Client Sample ID :	LF014MW009-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:56:42	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	61452	60326	60725	60834	0.94	cps
Molybdenum	94-1	3592	3592	3526	3570	1.08	cps
Molybdenum	95-1	1075	1392	1450	1306	15.46	cps
Molybdenum	96-1	1792	2000	1917	1903	5.51	cps
Molybdenum	97-1	783	867	933	861	8.73	cps
Molybdenum	98-1	1842	2192	2184	2072	9.64	cps
Neodymium	150-1	227	260	187	224	16.36	cps
Neodymium	150-2	50	17	30	32	52.06	cps
Nickel	60-2	997	1003	1083	1028	4.69	cps
Phosphorus	31-2	17	25	25	22	21.64	cps
Potassium	39-2	28438	30350	30008	29599	3.45	cps
Rhodium	103-1	3759241	3823241	3832308	3804930	1.05	cps
Rhodium	103-2	1004465	904235	999781	969494	5.83	cps
Scandium	45-1	1825992	1886577	1882197	1864922	1.81	cps
Scandium	45-2	13977	12986	13630	13531	3.72	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	20	67	111	66	68.76	cps
Silicon	28-1	11043471	11242833	11194326	11160210	0.93	cps
Silver	109-1	300	250	425	325	27.73	cps
Silver	107-1	333	425	450	403	15.25	cps
Sodium	23-2	8432380	8407850	8471322	8437184	0.38	cps
Strontium	86-1	1531541	1578351	1534765	1548219	1.69	cps
Strontium	88-1	13281705	13636803	13549482	13489330	1.37	cps
Sulfur	34-1	1621467	1648133	1619374	1629658	0.98	cps
Terbium	159-1	5910546	6076464	6035760	6007590	1.44	cps
Terbium	159-2	1167308	1053179	1158987	1126491	5.65	cps
Thallium	203-1	258	292	217	256	14.70	cps
Thallium	205-1	942	675	858	825	16.54	cps
Tin	118-1	7928	8144	8286	8119	2.22	cps
Titanium	47-1	1358	1467	2346	1724	31.41	cps
Uranium	238-1	27916	27540	29311	28255	3.30	cps
Vanadium	51-2	277	310	230	272	14.76	cps
Yttrium	89-1	4183540	4340433	4327610	4283861	2.03	cps
Yttrium	89-2	121009	107986	119685	116227	6.17	cps
Zinc	66-2	277	283	233	264	10.27	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-16	Instrumnet Name :	P8
Client Sample ID :	LF014MW009-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 18:56:42	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7778	7686	8028	7830	2.26	cps
Zirconium	91-1	1817	1584	1617	1672	7.55	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 19:11:25	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	181572	178738	177944	179418	1.06	cps
Antimony	121-1	3077712	3079325	3012891	3056643	1.24	cps
Arsenic	75-2	34454	34500	34380	34445	0.18	cps
Barium	135-1	3267614	3291808	3269672	3276365	0.41	cps
Barium	137-1	5647502	5718448	5666211	5677387	0.65	cps
Beryllium	9-1	276916	275631	276882	276476	0.26	cps
Bismuth	209-1	4036940	3980588	3998900	4005476	0.72	cps
Bismuth	209-2	1082667	1087569	1079652	1083296	0.37	cps
Boron	10-1	31143	32421	32036	31867	2.06	cps
Boron	11-1	147425	151559	155005	151330	2.51	cps
Cadmium	111-1	610390	612027	605537	609318	0.55	cps
Cadmium	106-1	64639	64572	62655	63956	1.76	cps
Cadmium	108-1	44093	43667	44219	43993	0.66	cps
Calcium	43-1	2747426	2748469	2764511	2753469	0.35	cps
Calcium	44-1	44436219	44498601	44888219	44607679	0.55	cps
Chromium	52-2	246175	247998	249378	247851	0.65	cps
Cobalt	59-2	526426	528839	526811	527359	0.25	cps
Copper	63-2	898527	895827	896608	896987	0.15	cps
Dysprosium	156-1	42	67	67	58	24.74	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	0	0	10	3	173.21	cps
Gadolinium	160-1	42	42	33	39	12.38	cps
Gadolinium	160-2	3	10	0	4	114.60	cps
Holmium	165-1	5923535	5935785	5957842	5939054	0.29	cps
Holmium	165-2	1330766	1340708	1344124	1338533	0.52	cps
Indium	115-1	4420719	4398916	4344067	4387901	0.90	cps
Indium	115-2	199167	200872	199872	199970	0.43	cps
Iron	56-2	40478812	40668930	40677113	40608285	0.28	cps
Iron	57-2	1020493	1022763	1026802	1023353	0.31	cps
Krypton	83-1	320	293	393	336	15.43	cps
Lead	206-1	2141180	2125292	2127583	2131352	0.40	cps
Lead	207-1	1977765	1987688	1983294	1982916	0.25	cps
Lead	208-1	8755181	8774468	8761528	8763726	0.11	cps
Lithium	6-1	490236	486666	486969	487957	0.41	cps
Magnesium	24-2	4066979	4027357	4078050	4057462	0.66	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 19:11:25	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	139323	140235	139696	139751	0.33	cps
Molybdenum	94-1	4886135	4897281	4860843	4881420	0.38	cps
Molybdenum	95-1	5930546	5996419	5893380	5940115	0.88	cps
Molybdenum	96-1	6594475	6663312	6586045	6614611	0.64	cps
Molybdenum	97-1	3682475	3756590	3711068	3716711	1.01	cps
Molybdenum	98-1	9504894	9562951	9502672	9523506	0.36	cps
Neodymium	150-1	233	173	200	202	14.87	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	152167	155354	155999	154507	1.33	cps
Phosphorus	31-2	2367	2375	2192	2311	4.48	cps
Potassium	39-2	1145130	1154148	1157933	1152404	0.57	cps
Rhodium	103-1	3934876	3923018	3985335	3947743	0.84	cps
Rhodium	103-2	1102842	1108466	1105253	1105520	0.26	cps
Scandium	45-1	2213629	2282357	2223787	2239925	1.66	cps
Scandium	45-2	18436	18572	18269	18426	0.83	cps
Selenium	77-2	260	243	233	246	5.49	cps
Selenium	78-2	794	741	770	769	3.50	cps
Selenium	82-1	37695	38170	37872	37912	0.63	cps
Silicon	28-1	1169528	1186739	1189041	1181769	0.90	cps
Silver	109-1	2950047	2909097	2940729	2933291	0.73	cps
Silver	107-1	3036067	3015772	3025230	3025689	0.34	cps
Sodium	23-2	8956635	8934828	8966158	8952540	0.18	cps
Strontium	86-1	762751	765234	763937	763974	0.16	cps
Strontium	88-1	6770217	6739934	6711262	6740471	0.44	cps
Sulfur	34-1	390142	388620	394172	390978	0.73	cps
Terbium	159-1	6021368	6029478	6019496	6023448	0.09	cps
Terbium	159-2	1264032	1272412	1269326	1268590	0.33	cps
Thallium	203-1	2636685	2629915	2605249	2623949	0.63	cps
Thallium	205-1	6215980	6200524	6216726	6211077	0.15	cps
Tin	118-1	2080960	2084414	2065204	2076859	0.49	cps
Titanium	47-1	1389294	1401107	1408273	1399558	0.68	cps
Uranium	238-1	8729566	8799217	8725114	8751299	0.47	cps
Vanadium	51-2	183389	184588	184686	184221	0.39	cps
Yttrium	89-1	4579260	4582077	4522830	4561389	0.73	cps
Yttrium	89-2	146601	148315	146978	147298	0.61	cps
Zinc	66-2	85233	84593	85347	85058	0.48	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 19:11:25	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4059057	4079436	4058793	4065762	0.29	cps
Zirconium	91-1	897031	887999	890921	891984	0.52	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : CCB33 Instrumnet Name : P8
 Client Sample ID : CCB33 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 19:15:33 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	17	0	6	173.21	cps
Antimony	121-1	5943	6769	7086	6599	8.94	cps
Arsenic	75-2	17	15	17	16	6.69	cps
Barium	135-1	83	108	100	97	13.09	cps
Barium	137-1	150	192	167	169	12.38	cps
Beryllium	9-1	283	211	194	230	20.58	cps
Bismuth	209-1	4277431	4102249	4035686	4138455	3.02	cps
Bismuth	209-2	1153168	1146588	1164987	1154914	0.81	cps
Boron	10-1	1317	1292	1250	1286	2.62	cps
Boron	11-1	6535	5985	6102	6207	4.67	cps
Cadmium	111-1	685	523	553	587	14.70	cps
Cadmium	106-1	800	658	708	722	9.95	cps
Cadmium	108-1	13	25	8	15	56.79	cps
Calcium	43-1	575	550	525	550	4.55	cps
Calcium	44-1	10629	10488	10238	10452	1.90	cps
Chromium	52-2	267	203	187	219	19.28	cps
Cobalt	59-2	43	40	33	39	13.09	cps
Copper	63-2	200	173	127	167	22.27	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	8	0	17	8	100.02	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	17	8	17	14	34.67	cps
Gadolinium	160-2	0	7	0	2	173.21	cps
Holmium	165-1	6039023	5778501	5817344	5878289	2.39	cps
Holmium	165-2	1341780	1341186	1351580	1344849	0.43	cps
Indium	115-1	4594406	4427005	4349446	4456953	2.81	cps
Indium	115-2	207011	204602	208174	206596	0.88	cps
Iron	56-2	3084	2811	2573	2823	9.06	cps
Iron	57-2	44	39	44	43	7.54	cps
Krypton	83-1	243	307	307	286	12.81	cps
Lead	206-1	278	333	267	293	12.21	cps
Lead	207-1	256	328	283	289	12.61	cps
Lead	208-1	1072	1422	1356	1283	14.48	cps
Lithium	6-1	529784	516379	508349	518171	2.09	cps
Magnesium	24-2	558	642	650	617	8.22	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : CCB33 Instrumnet Name : P8
 Client Sample ID : CCB33 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 19:15:33 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	30	23	26	15.07	cps
Molybdenum	94-1	1575	1959	2125	1886	14.95	cps
Molybdenum	95-1	2500	3067	3259	2942	13.41	cps
Molybdenum	96-1	2709	2959	3376	3014	11.18	cps
Molybdenum	97-1	1675	1792	1850	1772	5.03	cps
Molybdenum	98-1	3559	4468	5151	4393	18.18	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	443	423	540	469	13.31	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1625	1742	1784	1717	4.78	cps
Rhodium	103-1	4222563	4060959	4037647	4107056	2.45	cps
Rhodium	103-2	1157703	1155350	1160606	1157886	0.23	cps
Scandium	45-1	2179214	2126558	2045528	2117100	3.18	cps
Scandium	45-2	17441	17605	17314	17453	0.83	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	4	3	34.64	cps
Selenium	82-1	52	12	19	28	76.83	cps
Silicon	28-1	250693	252412	252870	251992	0.46	cps
Silver	109-1	217	233	200	217	7.69	cps
Silver	107-1	250	308	233	264	14.92	cps
Sodium	23-2	4376	4326	4293	4331	0.97	cps
Strontium	86-1	500	508	583	531	8.65	cps
Strontium	88-1	325	367	208	300	27.36	cps
Sulfur	34-1	236191	235971	236252	236138	0.06	cps
Terbium	159-1	6069517	5895080	5876179	5946925	1.79	cps
Terbium	159-2	1278684	1269954	1278642	1275760	0.39	cps
Thallium	203-1	683	608	658	650	5.87	cps
Thallium	205-1	1559	1467	1625	1550	5.13	cps
Tin	118-1	1525	1333	1809	1556	15.36	cps
Titanium	47-1	317	150	158	208	45.08	cps
Uranium	238-1	333	350	283	322	10.77	cps
Vanadium	51-2	20	7	0	9	114.55	cps
Yttrium	89-1	4607723	4390230	4282387	4426780	3.74	cps
Yttrium	89-2	144599	143645	145963	144736	0.80	cps
Zinc	66-2	43	53	33	43	23.08	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 19:15:33	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1075	1050	1017	1047	2.79	cps
Zirconium	91-1	133	167	250	183	32.78	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-17	Instrumnet Name :	P8
Client Sample ID :	LF014MW130-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 19:18:57	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	8	11	43.34	cps
Antimony	121-1	14650	16661	17971	16428	10.18	cps
Arsenic	75-2	61	57	80	66	18.02	cps
Barium	135-1	86642	88697	88060	87799	1.20	cps
Barium	137-1	153768	154322	155133	154408	0.44	cps
Beryllium	9-1	178	133	128	146	18.73	cps
Bismuth	209-1	4353497	4374963	4298669	4342376	0.91	cps
Bismuth	209-2	1012994	1060565	1064276	1045945	2.73	cps
Boron	10-1	8728	8828	8928	8828	1.13	cps
Boron	11-1	40977	41169	41411	41185	0.53	cps
Cadmium	111-1	605	632	653	630	3.82	cps
Cadmium	106-1	708	683	792	728	7.79	cps
Cadmium	108-1	29	25	8	21	52.93	cps
Calcium	43-1	993330	996849	989406	993195	0.37	cps
Calcium	44-1	16686460	16492684	16481917	16553687	0.70	cps
Chromium	52-2	403	410	443	419	5.12	cps
Cobalt	59-2	30	77	67	58	42.53	cps
Copper	63-2	613	643	590	616	4.34	cps
Dysprosium	156-1	17	50	25	31	56.77	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	17	17	17	17	0.00	cps
Gadolinium	160-2	3	0	17	7	132.33	cps
Holmium	165-1	5947130	5921363	5942221	5936905	0.23	cps
Holmium	165-2	1157235	1214863	1217011	1196370	2.83	cps
Indium	115-1	4403163	4416828	4370806	4396932	0.54	cps
Indium	115-2	163267	171156	171553	168658	2.77	cps
Iron	56-2	3134	3273	3139	3182	2.47	cps
Iron	57-2	111	72	89	91	21.51	cps
Krypton	83-1	293	303	310	302	2.77	cps
Lead	206-1	833	639	567	680	20.29	cps
Lead	207-1	828	661	567	685	19.30	cps
Lead	208-1	3328	2806	2528	2887	14.07	cps
Lithium	6-1	635831	637695	633049	635525	0.37	cps
Magnesium	24-2	105792	106396	103222	105137	1.60	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-17	Instrumnet Name :	P8
Client Sample ID :	LF014MW130-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 19:18:57	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	60	63	63	5.27	cps
Molybdenum	94-1	2784	3100	3142	3009	6.52	cps
Molybdenum	95-1	2484	2909	3142	2845	11.74	cps
Molybdenum	96-1	2709	3301	3784	3264	16.50	cps
Molybdenum	97-1	1734	1917	2167	1939	11.22	cps
Molybdenum	98-1	3784	4151	5193	4376	16.70	cps
Neodymium	150-1	40	40	40	40	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	477	437	480	464	5.19	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	13766	13491	13724	13660	1.09	cps
Rhodium	103-1	3880902	3861383	3892653	3878313	0.41	cps
Rhodium	103-2	947823	1006400	1004104	986109	3.36	cps
Scandium	45-1	1861612	1845373	1832962	1846649	0.78	cps
Scandium	45-2	12886	13223	13447	13185	2.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	96	82	44	74	35.89	cps
Silicon	28-1	14504595	14281468	14278159	14354741	0.90	cps
Silver	109-1	1283	850	925	1020	22.72	cps
Silver	107-1	1350	1217	1000	1189	14.86	cps
Sodium	23-2	552693	543681	545111	547162	0.89	cps
Strontium	86-1	770733	778361	768394	772496	0.67	cps
Strontium	88-1	6704538	6831089	6705979	6747202	1.08	cps
Sulfur	34-1	275314	272955	267938	272069	1.38	cps
Terbium	159-1	6018421	6058028	6010289	6028913	0.42	cps
Terbium	159-2	1093928	1146847	1154441	1131739	2.91	cps
Thallium	203-1	1392	1017	908	1106	22.94	cps
Thallium	205-1	3159	2442	2217	2606	18.88	cps
Tin	118-1	8195	8261	8103	8186	0.97	cps
Titanium	47-1	358	583	383	442	27.92	cps
Uranium	238-1	23164	23799	23890	23618	1.67	cps
Vanadium	51-2	617	640	703	653	6.86	cps
Yttrium	89-1	4279459	4278893	4244403	4267585	0.47	cps
Yttrium	89-2	110577	117433	117466	115159	3.45	cps
Zinc	66-2	170	163	137	157	11.26	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-17	Instrumnet Name :	P8
Client Sample ID :	LF014MW130-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 19:18:57	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4693	4026	3901	4206	10.12	cps
Zirconium	91-1	933	967	825	908	8.15	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-18	Instrumnet Name :	P8
Client Sample ID :	DUP-0443-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 19:22:20	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	42	25	42	40.00	cps
Antimony	121-1	8987	10305	10763	10018	9.21	cps
Arsenic	75-2	80	96	80	85	11.30	cps
Barium	135-1	86432	86122	86616	86390	0.29	cps
Barium	137-1	149798	149646	149582	149675	0.07	cps
Beryllium	9-1	144	139	150	144	3.85	cps
Bismuth	209-1	4253015	4192574	4259287	4234958	0.87	cps
Bismuth	209-2	1055813	1042172	1052846	1050277	0.68	cps
Boron	10-1	8244	8011	8811	8356	4.93	cps
Boron	11-1	38219	40575	39063	39285	3.04	cps
Cadmium	111-1	509	512	449	490	7.22	cps
Cadmium	106-1	650	692	608	650	6.41	cps
Cadmium	108-1	0	8	8	6	86.60	cps
Calcium	43-1	973480	963541	970547	969189	0.53	cps
Calcium	44-1	16207887	16060015	16068043	16111982	0.52	cps
Chromium	52-2	510	460	447	472	7.07	cps
Cobalt	59-2	67	60	93	73	24.06	cps
Copper	63-2	497	523	517	512	2.71	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	33	17	8	19	65.47	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	42	25	42	36	26.65	cps
Gadolinium	160-2	7	0	0	2	173.21	cps
Holmium	165-1	5951530	5984469	6108610	6014870	1.38	cps
Holmium	165-2	1216341	1217731	1220011	1218028	0.15	cps
Indium	115-1	4401681	4423296	4394261	4406413	0.34	cps
Indium	115-2	172626	170531	172843	172000	0.74	cps
Iron	56-2	2667	2550	2628	2615	2.27	cps
Iron	57-2	33	44	94	57	56.71	cps
Krypton	83-1	357	297	310	321	9.81	cps
Lead	206-1	845	817	806	822	2.44	cps
Lead	207-1	589	694	661	648	8.33	cps
Lead	208-1	2922	2822	2989	2911	2.88	cps
Lithium	6-1	602005	596838	590255	596366	0.99	cps
Magnesium	24-2	101888	102267	103090	102415	0.60	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-18	Instrumnet Name :	P8
Client Sample ID :	DUP-0443-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 19:22:20	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	117	103	90	103	12.90	cps
Molybdenum	94-1	1725	1750	1984	1820	7.83	cps
Molybdenum	95-1	1825	1675	2084	1861	11.10	cps
Molybdenum	96-1	2325	2292	2500	2373	4.72	cps
Molybdenum	97-1	1308	1367	1450	1375	5.18	cps
Molybdenum	98-1	2950	3326	3551	3276	9.26	cps
Neodymium	150-1	33	13	7	18	78.05	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	513	520	527	520	1.28	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	12381	13198	12873	12818	3.21	cps
Rhodium	103-1	3866604	3888935	3914836	3890125	0.62	cps
Rhodium	103-2	1009999	1002496	1004540	1005678	0.39	cps
Scandium	45-1	1846461	1883705	1853199	1861122	1.07	cps
Scandium	45-2	13573	13333	13583	13497	1.05	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	6	4	4	50.09	cps
Selenium	82-1	25	92	18	45	90.60	cps
Silicon	28-1	13953992	13841435	13842875	13879434	0.47	cps
Silver	109-1	575	517	625	572	9.48	cps
Silver	107-1	575	433	550	519	14.56	cps
Sodium	23-2	536727	540629	538978	538778	0.36	cps
Strontium	86-1	751108	752686	752232	752009	0.11	cps
Strontium	88-1	6636456	6632774	6691009	6653413	0.49	cps
Sulfur	34-1	267670	264529	260705	264301	1.32	cps
Terbium	159-1	6038729	5964578	6087144	6030150	1.02	cps
Terbium	159-2	1150231	1143995	1148086	1147437	0.28	cps
Thallium	203-1	367	292	317	325	11.75	cps
Thallium	205-1	825	808	792	808	2.06	cps
Tin	118-1	7311	7069	6735	7038	4.10	cps
Titanium	47-1	475	342	517	444	20.57	cps
Uranium	238-1	22930	22955	23498	23128	1.39	cps
Vanadium	51-2	693	637	647	659	4.59	cps
Yttrium	89-1	4291807	4250602	4265808	4269406	0.49	cps
Yttrium	89-2	117688	116862	119234	117928	1.02	cps
Zinc	66-2	293	280	300	291	3.50	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-18	Instrumnet Name :	P8
Client Sample ID :	DUP-0443-180412	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 19:22:20	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2092	1684	1967	1914	10.93	cps
Zirconium	91-1	383	475	458	439	11.13	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-01DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW028-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 19:28:49	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	42	17	36	48.03	cps
Antimony	121-1	2375	2334	2150	2286	5.24	cps
Arsenic	75-2	61	54	67	60	10.76	cps
Barium	135-1	36953	35674	38273	36967	3.52	cps
Barium	137-1	62415	64006	64784	63735	1.89	cps
Beryllium	9-1	83	128	56	89	40.98	cps
Bismuth	209-1	4448919	4441604	4448283	4446269	0.09	cps
Bismuth	209-2	1157828	1139659	1151449	1149646	0.80	cps
Boron	10-1	4468	4668	4834	4657	3.94	cps
Boron	11-1	21976	22427	22527	22310	1.32	cps
Cadmium	111-1	627	630	587	615	3.88	cps
Cadmium	106-1	892	867	833	864	3.39	cps
Cadmium	108-1	8	8	13	10	24.77	cps
Calcium	43-1	256732	255042	253541	255105	0.63	cps
Calcium	44-1	4304847	4278482	4263532	4282287	0.49	cps
Chromium	52-2	350	277	350	326	13.00	cps
Cobalt	59-2	357	373	350	360	3.34	cps
Copper	63-2	293	320	297	303	4.79	cps
Dysprosium	156-1	42	50	108	67	54.49	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	75	58	42	58	28.57	cps
Erbium	164-2	0	10	20	10	100.00	cps
Gadolinium	160-1	42	58	58	53	18.23	cps
Gadolinium	160-2	0	17	7	8	107.84	cps
Holmium	165-1	6205254	6302102	6285848	6264401	0.83	cps
Holmium	165-2	1341719	1332732	1338271	1337574	0.34	cps
Indium	115-1	4723356	4693243	4657622	4691407	0.70	cps
Indium	115-2	197879	194743	193667	195430	1.12	cps
Iron	56-2	715100	708626	711952	711893	0.45	cps
Iron	57-2	17751	18413	17639	17934	2.33	cps
Krypton	83-1	330	290	313	311	6.46	cps
Lead	206-1	600	544	528	557	6.78	cps
Lead	207-1	383	394	400	393	2.16	cps
Lead	208-1	2095	1967	2067	2043	3.29	cps
Lithium	6-1	535626	536458	543056	538380	0.76	cps
Magnesium	24-2	64372	62638	64925	63979	1.86	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-01DLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW028-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 19:28:49 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17605	17101	17101	17269	1.68	cps
Molybdenum	94-1	1484	1533	1442	1486	3.09	cps
Molybdenum	95-1	1984	1959	1959	1967	0.73	cps
Molybdenum	96-1	2109	2250	2134	2164	3.49	cps
Molybdenum	97-1	1508	1208	1475	1397	11.77	cps
Molybdenum	98-1	3359	3467	3134	3320	5.12	cps
Neodymium	150-1	73	53	47	58	24.02	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	463	557	490	503	9.55	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	3567	3867	3751	3728	4.06	cps
Rhodium	103-1	4228913	4229957	4321083	4259984	1.24	cps
Rhodium	103-2	1131989	1119434	1127018	1126147	0.56	cps
Scandium	45-1	2136716	2094020	2101332	2110689	1.08	cps
Scandium	45-2	15636	15626	15699	15653	0.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-15	26	-26	-5	-553.56	cps
Silicon	28-1	3737787	3708225	3720706	3722239	0.40	cps
Silver	109-1	308	258	258	275	10.50	cps
Silver	107-1	333	333	375	347	6.93	cps
Sodium	23-2	269577	263091	264585	265751	1.28	cps
Strontium	86-1	188238	190850	189947	189678	0.70	cps
Strontium	88-1	1702701	1720241	1682264	1701735	1.12	cps
Sulfur	34-1	218803	216780	212177	215920	1.57	cps
Terbium	159-1	6361846	6353071	6394562	6369826	0.34	cps
Terbium	159-2	1264987	1250284	1265114	1260128	0.68	cps
Thallium	203-1	192	158	200	183	12.03	cps
Thallium	205-1	392	350	375	372	5.63	cps
Tin	118-1	1308	1250	1317	1292	2.81	cps
Titanium	47-1	300	192	550	347	52.96	cps
Uranium	238-1	550	483	700	578	19.21	cps
Vanadium	51-2	33	77	57	56	39.04	cps
Yttrium	89-1	4684468	4613508	4673129	4657035	0.82	cps
Yttrium	89-2	135480	134727	136456	135554	0.64	cps
Zinc	66-2	133	90	130	118	20.48	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-01DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW028-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 19:28:49	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	800	992	858	883	11.12	cps
Zirconium	91-1	217	208	283	236	17.41	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-02DLX5 Instrumnet Name : P8
 Client Sample ID : LF014RW131-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 19:32:14 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	17	8	8	100.02	cps
Antimony	121-1	1984	1842	1909	1911	3.71	cps
Arsenic	75-2	94	102	111	102	8.15	cps
Barium	135-1	41701	41700	42327	41909	0.86	cps
Barium	137-1	72667	74853	73137	73552	1.56	cps
Beryllium	9-1	83	78	44	69	30.69	cps
Bismuth	209-1	4497403	4480998	4448451	4475618	0.56	cps
Bismuth	209-2	1162215	1144870	1149782	1152289	0.78	cps
Boron	10-1	2975	3376	3142	3164	6.35	cps
Boron	11-1	15834	15008	15692	15512	2.85	cps
Cadmium	111-1	555	461	507	508	9.24	cps
Cadmium	106-1	767	625	717	703	10.22	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	249878	246670	249377	248642	0.69	cps
Calcium	44-1	4175657	4170377	4135198	4160411	0.53	cps
Chromium	52-2	330	283	320	311	7.90	cps
Cobalt	59-2	80	77	107	88	18.73	cps
Copper	63-2	873	867	807	849	4.33	cps
Dysprosium	156-1	33	33	8	25	57.74	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	17	25	33	25	33.32	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	67	8	25	33	90.15	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	6242842	6297080	6252988	6264303	0.46	cps
Holmium	165-2	1330190	1328907	1323250	1327449	0.28	cps
Indium	115-1	4727075	4683170	4664323	4691523	0.69	cps
Indium	115-2	194422	194453	193490	194122	0.28	cps
Iron	56-2	345618	343542	342037	343732	0.52	cps
Iron	57-2	8764	8570	8458	8597	1.80	cps
Krypton	83-1	393	327	273	331	18.16	cps
Lead	206-1	906	778	967	883	10.91	cps
Lead	207-1	728	622	772	707	10.89	cps
Lead	208-1	3189	3022	3345	3185	5.06	cps
Lithium	6-1	533512	536615	536659	535595	0.34	cps
Magnesium	24-2	38938	38252	37977	38389	1.29	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-02DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014RW131-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 19:32:14	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	12169	11752	11672	11864	2.25	cps
Molybdenum	94-1	742	692	808	747	7.83	cps
Molybdenum	95-1	833	842	833	836	0.58	cps
Molybdenum	96-1	1083	1192	1075	1117	5.83	cps
Molybdenum	97-1	650	717	717	694	5.54	cps
Molybdenum	98-1	1308	1283	1500	1364	8.69	cps
Neodymium	150-1	7	13	27	16	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	437	443	497	459	7.17	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	5601	5276	4976	5285	5.92	cps
Rhodium	103-1	4232173	4201595	4196098	4209955	0.46	cps
Rhodium	103-2	1118295	1113427	1111462	1114395	0.32	cps
Scandium	45-1	2116255	2113041	2069599	2099632	1.24	cps
Scandium	45-2	15355	15772	15619	15582	1.35	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	-69	-24	37	-19	-281.28	cps
Silicon	28-1	3596495	3561851	3584098	3580815	0.49	cps
Silver	109-1	317	225	150	231	36.20	cps
Silver	107-1	300	233	458	331	34.96	cps
Sodium	23-2	202596	203468	200102	202056	0.86	cps
Strontium	86-1	185689	185021	186196	185635	0.32	cps
Strontium	88-1	1667215	1664441	1658573	1663409	0.27	cps
Sulfur	34-1	229407	230139	225250	228265	1.16	cps
Terbium	159-1	6373822	6457412	6297267	6376167	1.26	cps
Terbium	159-2	1254936	1252614	1252439	1253330	0.11	cps
Thallium	203-1	167	92	108	122	32.22	cps
Thallium	205-1	342	317	358	339	6.19	cps
Tin	118-1	1150	1517	1142	1270	16.87	cps
Titanium	47-1	108	225	133	156	39.49	cps
Uranium	238-1	1433	1825	1709	1656	12.15	cps
Vanadium	51-2	37	33	20	30	29.40	cps
Yttrium	89-1	4601594	4599019	4605188	4601934	0.07	cps
Yttrium	89-2	134103	133868	132910	133627	0.47	cps
Zinc	66-2	737	840	830	802	7.10	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-02DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014RW131-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 19:32:14	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	575	542	492	536	7.82	cps
Zirconium	91-1	183	150	175	169	10.24	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-03DLX5 Instrumnet Name : P8
 Client Sample ID : LF014RW032-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 19:35:37 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	425	283	300	336	23.04	cps
Antimony	121-1	1800	1950	1792	1847	4.82	cps
Arsenic	75-2	65	65	61	64	3.37	cps
Barium	135-1	15193	15802	15001	15332	2.73	cps
Barium	137-1	27020	26018	26486	26508	1.89	cps
Beryllium	9-1	100	111	106	106	5.26	cps
Bismuth	209-1	4438030	4201472	4506110	4381871	3.65	cps
Bismuth	209-2	1142429	1148858	1144238	1145175	0.29	cps
Boron	10-1	2250	2325	2300	2292	1.67	cps
Boron	11-1	11021	11305	11505	11277	2.16	cps
Cadmium	111-1	520	560	504	528	5.46	cps
Cadmium	106-1	692	717	658	689	4.25	cps
Cadmium	108-1	21	13	4	13	66.64	cps
Calcium	43-1	153893	155856	154129	154626	0.69	cps
Calcium	44-1	2618112	2630936	2628118	2625722	0.26	cps
Chromium	52-2	300	297	323	307	4.74	cps
Cobalt	59-2	160	167	187	171	8.11	cps
Copper	63-2	293	333	313	313	6.38	cps
Dysprosium	156-1	50	67	42	53	24.12	cps
Dysprosium	156-2	27	10	13	17	52.93	cps
Erbium	164-1	142	100	125	122	17.16	cps
Erbium	164-2	13	7	13	11	34.61	cps
Gadolinium	160-1	183	67	92	114	53.95	cps
Gadolinium	160-2	10	20	27	19	44.42	cps
Holmium	165-1	6253837	5809211	6217448	6093499	4.05	cps
Holmium	165-2	1312219	1331105	1314966	1319430	0.77	cps
Indium	115-1	4663408	4328316	4646287	4546004	4.15	cps
Indium	115-2	193835	194654	192491	193660	0.56	cps
Iron	56-2	59740	59918	61302	60320	1.42	cps
Iron	57-2	1639	1600	1550	1596	2.79	cps
Krypton	83-1	373	290	293	319	14.79	cps
Lead	206-1	561	600	478	546	11.43	cps
Lead	207-1	406	500	461	456	10.42	cps
Lead	208-1	2200	2233	2039	2158	4.82	cps
Lithium	6-1	538824	509839	529510	526058	2.81	cps
Magnesium	24-2	32605	32605	32497	32569	0.19	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-03DLX5 Instrumnet Name : P8
 Client Sample ID : LF014RW032-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 19:35:37 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2527	2487	2534	2516	1.00	cps
Molybdenum	94-1	1008	1167	758	978	21.06	cps
Molybdenum	95-1	817	875	1225	972	22.72	cps
Molybdenum	96-1	1067	1175	1350	1197	11.94	cps
Molybdenum	97-1	583	617	617	606	3.18	cps
Molybdenum	98-1	1475	1458	1433	1456	1.44	cps
Neodymium	150-1	173	100	120	131	28.92	cps
Neodymium	150-2	10	13	10	11	17.30	cps
Nickel	60-2	440	483	413	446	7.93	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	7152	5977	6794	6641	9.07	cps
Rhodium	103-1	4236254	3951870	4175343	4121156	3.63	cps
Rhodium	103-2	1108632	1117083	1106412	1110709	0.51	cps
Scandium	45-1	2080168	1945353	2073834	2033118	3.74	cps
Scandium	45-2	15359	15899	15535	15598	1.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	6	2	114.63	cps
Selenium	82-1	-41	24	26	3	1308.93	cps
Silicon	28-1	2790069	2941244	2789339	2840217	3.08	cps
Silver	109-1	217	242	283	247	13.62	cps
Silver	107-1	250	292	300	281	9.55	cps
Sodium	23-2	157107	154530	151188	154275	1.92	cps
Strontium	86-1	134002	137543	136290	135945	1.32	cps
Strontium	88-1	1178547	1178766	1186115	1181143	0.36	cps
Sulfur	34-1	242098	239159	237980	239746	0.88	cps
Terbium	159-1	6371063	5902780	6370066	6214636	4.35	cps
Terbium	159-2	1244796	1253420	1244883	1247700	0.40	cps
Thallium	203-1	200	117	117	144	33.31	cps
Thallium	205-1	333	233	300	289	17.62	cps
Tin	118-1	892	1183	1417	1164	22.60	cps
Titanium	47-1	1701	1300	2702	1901	37.98	cps
Uranium	238-1	5543	6227	6310	6027	6.98	cps
Vanadium	51-2	123	80	120	108	22.38	cps
Yttrium	89-1	4565327	4294321	4534037	4464562	3.32	cps
Yttrium	89-2	132088	132858	131697	132215	0.45	cps
Zinc	66-2	180	207	233	207	12.90	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-03DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014RW032-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 19:35:37	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1217	1617	1425	1420	14.11	cps
Zirconium	91-1	300	267	242	269	10.87	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-04DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW006-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 19:39:00	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	25	17	50.01	cps
Antimony	121-1	1734	2075	2050	1953	9.75	cps
Arsenic	75-2	43	44	48	45	6.28	cps
Barium	135-1	44007	43765	43589	43787	0.48	cps
Barium	137-1	75038	76137	74896	75357	0.90	cps
Beryllium	9-1	100	89	72	87	16.06	cps
Bismuth	209-1	4398132	4397568	4465312	4420338	0.88	cps
Bismuth	209-2	1138970	1133282	1133670	1135307	0.28	cps
Boron	10-1	2400	2250	2500	2384	5.28	cps
Boron	11-1	11372	11330	11772	11491	2.12	cps
Cadmium	111-1	702	640	439	594	23.15	cps
Cadmium	106-1	917	833	558	770	24.37	cps
Cadmium	108-1	21	8	8	12	57.75	cps
Calcium	43-1	235442	236058	233596	235032	0.55	cps
Calcium	44-1	3951161	3968227	3930136	3949841	0.48	cps
Chromium	52-2	237	277	247	253	8.22	cps
Cobalt	59-2	123	100	123	116	11.66	cps
Copper	63-2	53734	54941	54188	54288	1.12	cps
Dysprosium	156-1	25	58	33	39	44.62	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	0	67	42	36	93.26	cps
Erbium	164-2	10	10	0	7	86.60	cps
Gadolinium	160-1	58	33	83	58	42.86	cps
Gadolinium	160-2	7	13	0	7	99.98	cps
Holmium	165-1	6187507	6214654	6203332	6201831	0.22	cps
Holmium	165-2	1321377	1305480	1298650	1308502	0.89	cps
Indium	115-1	4590210	4621918	4668892	4627007	0.86	cps
Indium	115-2	192529	189682	189014	190408	0.98	cps
Iron	56-2	245230	245605	249335	246723	0.92	cps
Iron	57-2	5951	6279	6335	6189	3.35	cps
Krypton	83-1	363	337	297	332	10.10	cps
Lead	206-1	1333	1545	1339	1406	8.56	cps
Lead	207-1	1356	1356	1211	1308	6.38	cps
Lead	208-1	5923	6040	5840	5934	1.69	cps
Lithium	6-1	527008	527598	532039	528882	0.52	cps
Magnesium	24-2	29181	28963	28187	28777	1.82	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-04DLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW006-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 19:39:00 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4831	4534	4944	4770	4.44	cps
Molybdenum	94-1	700	675	617	664	6.44	cps
Molybdenum	95-1	725	808	875	803	9.36	cps
Molybdenum	96-1	900	1042	908	950	8.37	cps
Molybdenum	97-1	667	525	625	606	12.02	cps
Molybdenum	98-1	1167	1417	1233	1272	10.18	cps
Neodymium	150-1	13	67	20	33	87.19	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	560	417	490	489	14.66	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	4593	4409	4651	4551	2.77	cps
Rhodium	103-1	4142699	4181469	4212889	4179019	0.84	cps
Rhodium	103-2	1105269	1098335	1091857	1098487	0.61	cps
Scandium	45-1	2075754	2076491	2085988	2079411	0.27	cps
Scandium	45-2	15495	15242	15135	15291	1.21	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-67	-44	2	-36	-96.90	cps
Silicon	28-1	3223418	3200617	3197757	3207264	0.44	cps
Silver	109-1	217	275	175	222	22.60	cps
Silver	107-1	250	133	200	194	30.10	cps
Sodium	23-2	152550	153165	150345	152020	0.98	cps
Strontium	86-1	176605	179600	178492	178232	0.85	cps
Strontium	88-1	1591971	1602149	1613075	1602398	0.66	cps
Sulfur	34-1	230636	230967	229780	230461	0.27	cps
Terbium	159-1	6283717	6307359	6294408	6295162	0.19	cps
Terbium	159-2	1240819	1232407	1231527	1234918	0.42	cps
Thallium	203-1	100	125	100	108	13.33	cps
Thallium	205-1	275	358	175	269	34.07	cps
Tin	118-1	992	1200	1175	1122	10.14	cps
Titanium	47-1	175	192	92	153	35.07	cps
Uranium	238-1	3976	4134	4209	4106	2.90	cps
Vanadium	51-2	40	40	63	48	28.19	cps
Yttrium	89-1	4541842	4568760	4614871	4575158	0.81	cps
Yttrium	89-2	132643	130984	130620	131416	0.82	cps
Zinc	66-2	327	280	307	304	7.69	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-04DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW006-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 19:39:00	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	475	367	408	417	13.11	cps
Zirconium	91-1	67	117	75	86	31.10	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-05DLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 19:42:24 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	192	142	178	17.75	cps
Antimony	121-1	1625	1534	1500	1553	4.17	cps
Arsenic	75-2	74	83	70	76	8.79	cps
Barium	135-1	20959	20725	21777	21154	2.61	cps
Barium	137-1	36987	36610	36945	36847	0.56	cps
Beryllium	9-1	78	83	89	83	6.67	cps
Bismuth	209-1	4397532	4412619	4365573	4391908	0.55	cps
Bismuth	209-2	1134137	1117196	1116097	1122477	0.90	cps
Boron	10-1	2484	2575	2159	2406	9.10	cps
Boron	11-1	11497	11964	12039	11833	2.48	cps
Cadmium	111-1	604	514	413	510	18.76	cps
Cadmium	106-1	825	708	592	708	16.47	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Calcium	43-1	203700	202531	202024	202751	0.42	cps
Calcium	44-1	3420005	3438921	3412271	3423732	0.40	cps
Chromium	52-2	400	410	363	391	6.28	cps
Cobalt	59-2	100	87	140	109	25.49	cps
Copper	63-2	320	333	297	317	5.86	cps
Dysprosium	156-1	142	158	125	142	11.77	cps
Dysprosium	156-2	30	23	17	23	28.56	cps
Erbium	164-1	142	117	67	108	35.25	cps
Erbium	164-2	20	23	13	19	26.96	cps
Gadolinium	160-1	100	175	100	125	34.64	cps
Gadolinium	160-2	30	23	33	29	17.63	cps
Holmium	165-1	6111687	6158584	6114662	6128311	0.43	cps
Holmium	165-2	1313012	1301248	1288777	1301013	0.93	cps
Indium	115-1	4549215	4650653	4578086	4592651	1.14	cps
Indium	115-2	189979	187279	188748	188669	0.72	cps
Iron	56-2	22613	22074	22563	22417	1.33	cps
Iron	57-2	567	606	572	582	3.62	cps
Krypton	83-1	290	320	267	292	9.15	cps
Lead	206-1	522	511	494	509	2.75	cps
Lead	207-1	494	361	400	419	16.38	cps
Lead	208-1	2033	1945	1922	1967	2.99	cps
Lithium	6-1	524433	522310	522283	523009	0.24	cps
Magnesium	24-2	45992	44721	43443	44719	2.85	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-05DLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 19:42:24 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7215	7415	6949	7193	3.26	cps
Molybdenum	94-1	1133	1033	1292	1153	11.31	cps
Molybdenum	95-1	1492	1400	1483	1458	3.48	cps
Molybdenum	96-1	1684	1533	1784	1667	7.55	cps
Molybdenum	97-1	975	1017	1358	1117	18.84	cps
Molybdenum	98-1	2009	2367	2359	2245	9.11	cps
Neodymium	150-1	160	160	240	187	24.74	cps
Neodymium	150-2	13	10	17	13	25.01	cps
Nickel	60-2	607	583	647	612	5.23	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	5360	5168	5543	5357	3.50	cps
Rhodium	103-1	4066062	4108040	4121145	4098416	0.70	cps
Rhodium	103-2	1090117	1088619	1089817	1089518	0.07	cps
Scandium	45-1	2067559	2045299	2031464	2048107	0.89	cps
Scandium	45-2	15108	15035	15195	15113	0.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	0	-19	49	10	343.49	cps
Silicon	28-1	3198819	3094314	3080217	3124450	2.07	cps
Silver	109-1	192	158	192	181	10.66	cps
Silver	107-1	167	200	217	194	13.09	cps
Sodium	23-2	261898	261223	258329	260483	0.73	cps
Strontium	86-1	184736	188324	187853	186971	1.04	cps
Strontium	88-1	1673249	1684173	1696611	1684678	0.69	cps
Sulfur	34-1	268395	267698	266553	267549	0.35	cps
Terbium	159-1	6213532	6223337	6243390	6226753	0.24	cps
Terbium	159-2	1227405	1221119	1227373	1225299	0.30	cps
Thallium	203-1	125	225	125	158	36.46	cps
Thallium	205-1	233	308	208	250	20.82	cps
Tin	118-1	1133	900	1075	1036	11.72	cps
Titanium	47-1	467	392	308	389	20.37	cps
Uranium	238-1	8045	8036	7561	7881	3.51	cps
Vanadium	51-2	33	40	53	42	24.12	cps
Yttrium	89-1	4474880	4508846	4534501	4506076	0.66	cps
Yttrium	89-2	130702	130146	130069	130305	0.27	cps
Zinc	66-2	113	70	70	84	29.63	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-05DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 19:42:24	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	600	733	850	728	17.19	cps
Zirconium	91-1	117	292	183	197	44.81	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-05DUPDLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 19:45:47 DataFile Name : 049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	167	108	142	21.21	cps
Antimony	121-1	1759	1442	1550	1584	10.17	cps
Arsenic	75-2	69	87	57	71	21.09	cps
Barium	135-1	21043	20884	21560	21162	1.67	cps
Barium	137-1	36902	36343	37755	37000	1.92	cps
Beryllium	9-1	111	117	72	100	24.22	cps
Bismuth	209-1	4366557	4347225	4360465	4358082	0.23	cps
Bismuth	209-2	1119441	1117527	1112631	1116533	0.31	cps
Boron	10-1	2625	2517	2600	2581	2.20	cps
Boron	11-1	11905	11688	11764	11786	0.93	cps
Cadmium	111-1	570	588	575	577	1.57	cps
Cadmium	106-1	775	800	783	786	1.62	cps
Cadmium	108-1	8	8	4	7	34.59	cps
Calcium	43-1	204798	203434	205980	204738	0.62	cps
Calcium	44-1	3474610	3450345	3461397	3462117	0.35	cps
Chromium	52-2	420	367	403	397	6.88	cps
Cobalt	59-2	117	107	73	99	22.95	cps
Copper	63-2	267	360	320	316	14.84	cps
Dysprosium	156-1	117	117	83	106	18.23	cps
Dysprosium	156-2	23	10	20	18	39.03	cps
Erbium	164-1	100	125	100	108	13.32	cps
Erbium	164-2	20	10	20	17	34.64	cps
Gadolinium	160-1	100	192	125	139	34.12	cps
Gadolinium	160-2	23	27	30	27	12.51	cps
Holmium	165-1	6158312	6071046	6128835	6119398	0.73	cps
Holmium	165-2	1296826	1292131	1287914	1292290	0.34	cps
Indium	115-1	4605443	4588115	4579679	4591079	0.29	cps
Indium	115-2	188292	188757	188168	188406	0.16	cps
Iron	56-2	23103	22185	22630	22640	2.03	cps
Iron	57-2	611	544	550	569	6.51	cps
Krypton	83-1	267	300	243	270	10.55	cps
Lead	206-1	539	494	467	500	7.29	cps
Lead	207-1	400	378	422	400	5.55	cps
Lead	208-1	1867	1945	1845	1885	2.79	cps
Lithium	6-1	520379	519321	516779	518827	0.36	cps
Magnesium	24-2	44504	44428	45181	44704	0.93	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-05DUPDLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 19:45:47 DataFile Name : 049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7505	7429	7349	7428	1.06	cps
Molybdenum	94-1	1025	958	983	989	3.41	cps
Molybdenum	95-1	1350	1500	1684	1511	11.05	cps
Molybdenum	96-1	1675	1408	1450	1511	9.49	cps
Molybdenum	97-1	717	1025	1083	942	20.92	cps
Molybdenum	98-1	2150	2400	2442	2331	6.77	cps
Neodymium	150-1	140	167	140	149	10.34	cps
Neodymium	150-2	7	23	13	14	58.06	cps
Nickel	60-2	600	547	570	572	4.67	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	5610	5385	5768	5587	3.45	cps
Rhodium	103-1	4127538	4157199	4106453	4130396	0.62	cps
Rhodium	103-2	1084358	1088558	1080997	1084637	0.35	cps
Scandium	45-1	2019729	2019198	2023809	2020912	0.12	cps
Scandium	45-2	15599	14775	15055	15143	2.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	46	12	81	46	74.29	cps
Silicon	28-1	3144169	3150957	3112815	3135981	0.65	cps
Silver	109-1	200	208	225	211	6.03	cps
Silver	107-1	225	167	192	194	15.05	cps
Sodium	23-2	261215	264625	265120	263653	0.81	cps
Strontium	86-1	186229	191593	189939	189254	1.45	cps
Strontium	88-1	1681964	1699081	1723969	1701671	1.24	cps
Sulfur	34-1	268963	268879	267205	268349	0.37	cps
Terbium	159-1	6189524	6209954	6173770	6191083	0.29	cps
Terbium	159-2	1222219	1228414	1221752	1224128	0.30	cps
Thallium	203-1	133	100	75	103	28.48	cps
Thallium	205-1	267	250	267	261	3.68	cps
Tin	118-1	1042	1125	983	1050	6.78	cps
Titanium	47-1	258	342	292	297	14.11	cps
Uranium	238-1	8628	8011	8045	8228	4.22	cps
Vanadium	51-2	47	70	43	53	27.24	cps
Yttrium	89-1	4475547	4524183	4483170	4494300	0.58	cps
Yttrium	89-2	130159	129844	130506	130170	0.25	cps
Zinc	66-2	53	73	80	69	20.15	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-05DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 19:45:47	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	583	792	750	708	15.56	cps
Zirconium	91-1	200	233	258	231	12.69	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-05LDLX25 Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412LD Dilution Factor : 25
 Date & Time Acquired :: 2018-04-18 19:49:11 DataFile Name : 050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	33	42	28	62.46	cps
Antimony	121-1	225	250	350	275	24.05	cps
Arsenic	75-2	17	24	22	21	18.35	cps
Barium	135-1	4009	4134	4476	4206	5.74	cps
Barium	137-1	7369	7194	7344	7302	1.30	cps
Beryllium	9-1	67	89	50	69	28.47	cps
Bismuth	209-1	4365309	4356315	4347873	4356499	0.20	cps
Bismuth	209-2	1100228	1149580	1139129	1129645	2.30	cps
Boron	10-1	942	1042	1067	1017	6.51	cps
Boron	11-1	4084	4292	4609	4329	6.11	cps
Cadmium	111-1	533	528	521	528	1.15	cps
Cadmium	106-1	750	725	742	739	1.72	cps
Cadmium	108-1	0	0	21	7	173.21	cps
Calcium	43-1	42649	42005	43234	42630	1.44	cps
Calcium	44-1	697023	696988	695006	696339	0.17	cps
Chromium	52-2	277	270	243	263	6.70	cps
Cobalt	59-2	70	43	30	48	42.63	cps
Copper	63-2	163	140	160	154	8.17	cps
Dysprosium	156-1	42	8	58	36	70.51	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	75	25	33	44	60.28	cps
Erbium	164-2	10	13	7	10	33.30	cps
Gadolinium	160-1	75	100	42	72	40.52	cps
Gadolinium	160-2	7	13	13	11	34.61	cps
Holmium	165-1	6121675	6110839	6192337	6141617	0.72	cps
Holmium	165-2	1286313	1335043	1331507	1317621	2.06	cps
Indium	115-1	4590205	4617205	4662946	4623452	0.80	cps
Indium	115-2	192057	198635	198362	196351	1.90	cps
Iron	56-2	5535	5907	5546	5663	3.74	cps
Iron	57-2	128	156	178	154	16.30	cps
Krypton	83-1	323	330	337	330	2.02	cps
Lead	206-1	194	172	183	183	6.06	cps
Lead	207-1	211	133	189	178	22.53	cps
Lead	208-1	744	700	783	743	5.62	cps
Lithium	6-1	511265	513911	515869	513682	0.45	cps
Magnesium	24-2	10279	10112	9554	9982	3.81	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-05LDLX25 Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412LD Dilution Factor : 25
 Date & Time Acquired :: 2018-04-18 19:49:11 DataFile Name : 050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1663	1563	1330	1519	11.26	cps
Molybdenum	94-1	400	317	308	342	14.84	cps
Molybdenum	95-1	350	308	358	339	7.90	cps
Molybdenum	96-1	467	375	542	461	18.10	cps
Molybdenum	97-1	333	300	283	306	8.33	cps
Molybdenum	98-1	542	533	717	597	17.34	cps
Neodymium	150-1	27	60	40	42	39.73	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	447	453	397	432	7.17	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2525	2409	2367	2434	3.37	cps
Rhodium	103-1	4207008	4214998	4218930	4213645	0.14	cps
Rhodium	103-2	1091064	1140755	1132067	1121295	2.37	cps
Scandium	45-1	2076722	2104323	2124475	2101840	1.14	cps
Scandium	45-2	15349	16847	15943	16046	4.70	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-34	-62	-27	-41	-45.16	cps
Silicon	28-1	968417	982583	966748	972583	0.89	cps
Silver	109-1	50	75	117	81	41.81	cps
Silver	107-1	117	167	175	153	20.65	cps
Sodium	23-2	57383	58295	58781	58153	1.22	cps
Strontium	86-1	38890	37586	38481	38319	1.74	cps
Strontium	88-1	328834	327762	329128	328574	0.22	cps
Sulfur	34-1	238936	240718	240038	239897	0.37	cps
Terbium	159-1	6270378	6132124	6296303	6232935	1.42	cps
Terbium	159-2	1207357	1261991	1265061	1244803	2.61	cps
Thallium	203-1	125	67	125	106	31.91	cps
Thallium	205-1	250	217	208	225	9.80	cps
Tin	118-1	467	483	425	458	6.56	cps
Titanium	47-1	125	117	83	108	20.35	cps
Uranium	238-1	1634	1617	1542	1597	3.06	cps
Vanadium	51-2	13	30	20	21	39.75	cps
Yttrium	89-1	4498325	4543154	4560622	4534034	0.71	cps
Yttrium	89-2	133251	138494	136679	136141	1.96	cps
Zinc	66-2	53	60	40	51	19.92	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-05LDLX25	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412LD	Dilution Factor :	25
Date & Time Acquired ::	2018-04-18 19:49:11	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	317	450	325	364	20.53	cps
Zirconium	91-1	108	92	92	97	9.90	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-06DLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412MSE Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 19:52:35 DataFile Name : 051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6002	6043	6052	6032	0.45	cps
Antimony	121-1	618092	620208	616465	618255	0.30	cps
Arsenic	75-2	6331	6352	6446	6376	0.96	cps
Barium	135-1	660892	666804	663320	663672	0.45	cps
Barium	137-1	1152460	1163190	1156969	1157540	0.47	cps
Beryllium	9-1	51392	49647	50132	50390	1.79	cps
Bismuth	209-1	4271423	4382110	4336636	4330056	1.28	cps
Bismuth	209-2	1114754	1029183	1112685	1085541	4.50	cps
Boron	10-1	7627	8069	7886	7861	2.82	cps
Boron	11-1	35261	36372	36823	36152	2.22	cps
Cadmium	111-1	128602	128792	127275	128223	0.64	cps
Cadmium	106-1	14016	13683	13090	13596	3.45	cps
Cadmium	108-1	9007	8828	8974	8936	1.07	cps
Calcium	43-1	303959	300606	299938	301501	0.71	cps
Calcium	44-1	5005514	4938413	5023073	4989000	0.90	cps
Chromium	52-2	43544	43314	42829	43229	0.84	cps
Cobalt	59-2	96753	95786	96229	96256	0.50	cps
Copper	63-2	169030	170987	171027	170348	0.67	cps
Dysprosium	156-1	50	58	100	69	38.58	cps
Dysprosium	156-2	40	23	20	28	38.58	cps
Erbium	164-1	617	575	600	597	3.51	cps
Erbium	164-2	187	123	117	142	27.16	cps
Gadolinium	160-1	200	309	233	247	22.47	cps
Gadolinium	160-2	43	23	27	31	34.44	cps
Holmium	165-1	6115929	6160880	6129491	6135433	0.38	cps
Holmium	165-2	1299209	1193830	1300016	1264352	4.83	cps
Indium	115-1	4542666	4582944	4534235	4553282	0.57	cps
Indium	115-2	186680	172098	186987	181921	4.68	cps
Iron	56-2	1496005	1472313	1502963	1490427	1.08	cps
Iron	57-2	37780	36649	36888	37106	1.61	cps
Krypton	83-1	337	353	337	342	2.81	cps
Lead	206-1	448308	449778	453976	450688	0.65	cps
Lead	207-1	403848	409064	410438	407783	0.85	cps
Lead	208-1	1818389	1841517	1852600	1837502	0.95	cps
Lithium	6-1	521955	526444	529167	525855	0.69	cps
Magnesium	24-2	178142	176972	176104	177073	0.58	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-06DLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412MS Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 19:52:35 DataFile Name : 051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	31279	31098	30520	30966	1.28	cps
Molybdenum	94-1	963235	957056	958598	959630	0.34	cps
Molybdenum	95-1	1171359	1164389	1165695	1167148	0.32	cps
Molybdenum	96-1	1303928	1300150	1305061	1303046	0.20	cps
Molybdenum	97-1	731554	732041	735358	732984	0.28	cps
Molybdenum	98-1	1939683	1926813	1963086	1943194	0.95	cps
Neodymium	150-1	140	233	207	193	24.86	cps
Neodymium	150-2	13	20	7	13	49.99	cps
Nickel	60-2	28817	29241	29498	29185	1.18	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	42640	41930	42640	42404	0.97	cps
Rhodium	103-1	4128177	4133930	4093455	4118520	0.53	cps
Rhodium	103-2	1074137	997961	1077830	1049976	4.29	cps
Scandium	45-1	2023655	2071108	2028618	2041127	1.28	cps
Scandium	45-2	15302	13800	15098	14734	5.53	cps
Selenium	77-2	27	30	50	36	35.49	cps
Selenium	78-2	126	137	165	143	14.05	cps
Selenium	82-1	7655	7555	7725	7645	1.12	cps
Silicon	28-1	3556190	3481743	3451672	3496535	1.54	cps
Silver	109-1	601963	607426	603694	604361	0.46	cps
Silver	107-1	630505	629385	630711	630200	0.11	cps
Sodium	23-2	564770	554052	558581	559134	0.96	cps
Strontium	86-1	339664	338155	340555	339458	0.36	cps
Strontium	88-1	3058179	3013038	3019731	3030316	0.80	cps
Sulfur	34-1	272364	271707	270447	271506	0.36	cps
Terbium	159-1	6230937	6308578	6169338	6236285	1.12	cps
Terbium	159-2	1227335	1137790	1219609	1194911	4.15	cps
Thallium	203-1	555409	559620	555849	556960	0.42	cps
Thallium	205-1	1330128	1344819	1357203	1344050	1.01	cps
Tin	118-1	405681	402744	406392	404939	0.48	cps
Titanium	47-1	246898	246269	262165	251778	3.58	cps
Uranium	238-1	1927382	1899593	1934529	1920501	0.96	cps
Vanadium	51-2	31335	31258	31663	31419	0.68	cps
Yttrium	89-1	4527494	4524253	4501818	4517855	0.31	cps
Yttrium	89-2	128450	119510	129036	125666	4.25	cps
Zinc	66-2	15676	15065	15259	15333	2.04	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-06DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412MS	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 19:52:35	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	801722	796060	797624	798469	0.37	cps
Zirconium	91-1	177542	177966	178382	177963	0.24	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 19:55:56	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	173643	176509	176543	175565	0.95	cps
Antimony	121-1	3029418	3030180	2999066	3019555	0.59	cps
Arsenic	75-2	33414	33938	33511	33621	0.83	cps
Barium	135-1	3329783	3302956	3281276	3304672	0.74	cps
Barium	137-1	5771176	5745297	5745929	5754134	0.26	cps
Beryllium	9-1	270181	274488	275150	273273	0.99	cps
Bismuth	209-1	4082138	4070554	4073036	4075243	0.15	cps
Bismuth	209-2	1078914	1096713	1089478	1088368	0.82	cps
Boron	10-1	31001	31243	33098	31781	3.61	cps
Boron	11-1	144126	146197	150034	146786	2.04	cps
Cadmium	111-1	613728	616444	613057	614410	0.29	cps
Cadmium	106-1	63752	64907	63551	64070	1.14	cps
Cadmium	108-1	43579	43449	43830	43619	0.44	cps
Calcium	43-1	2673918	2732674	2717032	2707875	1.12	cps
Calcium	44-1	43412119	43840641	44533893	43928884	1.29	cps
Chromium	52-2	240818	239188	243005	241004	0.79	cps
Cobalt	59-2	516071	518859	520526	518485	0.43	cps
Copper	63-2	879657	890615	890488	886920	0.71	cps
Dysprosium	156-1	75	83	50	69	24.98	cps
Dysprosium	156-2	7	0	13	7	99.98	cps
Erbium	164-1	25	58	42	42	40.00	cps
Erbium	164-2	13	13	0	9	86.60	cps
Gadolinium	160-1	50	33	50	44	21.66	cps
Gadolinium	160-2	10	7	3	7	50.03	cps
Holmium	165-1	6166705	6082674	6081848	6110409	0.80	cps
Holmium	165-2	1327524	1338036	1334799	1333453	0.40	cps
Indium	115-1	4390654	4466700	4431244	4429533	0.86	cps
Indium	115-2	194144	196696	197651	196163	0.92	cps
Iron	56-2	39855288	40117156	39891727	39954724	0.36	cps
Iron	57-2	998111	1004470	1006070	1002884	0.42	cps
Krypton	83-1	323	373	250	316	19.66	cps
Lead	206-1	2177865	2186352	2165833	2176684	0.47	cps
Lead	207-1	2012636	2008723	2013264	2011541	0.12	cps
Lead	208-1	8965188	8956123	8933720	8951677	0.18	cps
Lithium	6-1	480301	472662	473579	475514	0.88	cps
Magnesium	24-2	3915082	3956992	3969024	3947033	0.72	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 19:55:56	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	137488	137021	137290	137266	0.17	cps
Molybdenum	94-1	4861516	4859883	4896271	4872557	0.42	cps
Molybdenum	95-1	6015212	5981695	5966008	5987638	0.42	cps
Molybdenum	96-1	6647385	6634951	6607770	6630035	0.31	cps
Molybdenum	97-1	3708880	3753877	3766471	3743076	0.81	cps
Molybdenum	98-1	9594107	9573823	9579263	9582398	0.11	cps
Neodymium	150-1	180	173	167	173	3.85	cps
Neodymium	150-2	7	13	7	9	43.25	cps
Nickel	60-2	151769	153141	151668	152193	0.54	cps
Phosphorus	31-2	2509	2300	2534	2448	5.23	cps
Potassium	39-2	1104171	1123765	1132925	1120287	1.31	cps
Rhodium	103-1	3950240	3969428	3947779	3955816	0.30	cps
Rhodium	103-2	1094065	1101863	1095546	1097158	0.38	cps
Scandium	45-1	2186834	2192329	2210938	2196700	0.58	cps
Scandium	45-2	17598	17795	17812	17735	0.67	cps
Selenium	77-2	200	193	263	219	17.65	cps
Selenium	78-2	782	735	722	746	4.17	cps
Selenium	82-1	37433	37901	38066	37800	0.87	cps
Silicon	28-1	1141402	1153931	1167692	1154342	1.14	cps
Silver	109-1	2954028	2960374	2964388	2959597	0.18	cps
Silver	107-1	3047582	3025218	3030570	3034457	0.38	cps
Sodium	23-2	8685229	8765129	8889771	8780043	1.17	cps
Strontium	86-1	765787	769385	775249	770140	0.62	cps
Strontium	88-1	6731486	6776455	6775674	6761205	0.38	cps
Sulfur	34-1	384256	389226	388675	387386	0.70	cps
Terbium	159-1	6199528	6232943	6171299	6201257	0.50	cps
Terbium	159-2	1269843	1267153	1261989	1266328	0.32	cps
Thallium	203-1	2721829	2639606	2649418	2670284	1.68	cps
Thallium	205-1	6348749	6299009	6328172	6325310	0.40	cps
Tin	118-1	2071986	2094770	2070662	2079139	0.65	cps
Titanium	47-1	1388270	1380472	1374445	1381062	0.50	cps
Uranium	238-1	8940633	8970973	8964318	8958641	0.18	cps
Vanadium	51-2	177947	180699	182440	180362	1.26	cps
Yttrium	89-1	4536874	4586893	4597636	4573801	0.71	cps
Yttrium	89-2	144141	144753	145398	144764	0.43	cps
Zinc	66-2	82923	82715	83922	83186	0.78	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 19:55:56	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4102013	4086968	4071826	4086936	0.37	cps
Zirconium	91-1	894345	893232	901186	896254	0.48	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : CCB34 Instrumnet Name : P8
 Client Sample ID : CCB34 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 19:59:12 DataFile Name : 053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	33	8	17	86.62	cps
Antimony	121-1	8336	8945	9387	8890	5.94	cps
Arsenic	75-2	15	19	22	19	20.01	cps
Barium	135-1	200	150	83	144	40.52	cps
Barium	137-1	125	225	142	164	32.69	cps
Beryllium	9-1	250	228	350	276	23.60	cps
Bismuth	209-1	4244320	4322881	4353077	4306760	1.30	cps
Bismuth	209-2	1154732	1153974	1147896	1152201	0.33	cps
Boron	10-1	1375	1350	1133	1286	10.33	cps
Boron	11-1	6468	6093	5301	5954	10.01	cps
Cadmium	111-1	692	554	503	583	16.71	cps
Cadmium	106-1	875	667	608	717	19.56	cps
Cadmium	108-1	0	0	8	3	173.21	cps
Calcium	43-1	650	475	500	542	17.47	cps
Calcium	44-1	10304	9987	9837	10043	2.37	cps
Chromium	52-2	207	213	270	230	15.13	cps
Cobalt	59-2	23	23	40	29	33.32	cps
Copper	63-2	170	153	190	171	10.73	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	42	42	25	36	26.65	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	8	75	33	39	86.62	cps
Gadolinium	160-2	0	17	3	7	132.33	cps
Holmium	165-1	6107740	6036670	6077018	6073809	0.59	cps
Holmium	165-2	1336540	1333271	1339683	1336498	0.24	cps
Indium	115-1	4541547	4585067	4615865	4580827	0.82	cps
Indium	115-2	204563	202635	204634	203944	0.56	cps
Iron	56-2	3306	3412	3017	3245	6.29	cps
Iron	57-2	94	72	133	100	30.94	cps
Krypton	83-1	323	370	377	357	8.15	cps
Lead	206-1	378	311	200	296	30.31	cps
Lead	207-1	267	272	261	267	2.08	cps
Lead	208-1	1317	1295	1195	1269	5.13	cps
Lithium	6-1	512012	517019	516387	515140	0.53	cps
Magnesium	24-2	775	692	658	708	8.48	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : CCB34 Instrumnet Name : P8
 Client Sample ID : CCB34 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-18 19:59:12 DataFile Name : 053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	20	10	19	44.42	cps
Molybdenum	94-1	1934	2700	2675	2436	17.88	cps
Molybdenum	95-1	3051	3959	4318	3776	17.30	cps
Molybdenum	96-1	3692	4226	4726	4215	12.27	cps
Molybdenum	97-1	2159	2392	3034	2528	17.93	cps
Molybdenum	98-1	4718	6118	7194	6010	20.66	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	460	387	477	441	10.85	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1692	1442	1742	1625	9.89	cps
Rhodium	103-1	4145245	4238310	4216937	4200164	1.16	cps
Rhodium	103-2	1151441	1149420	1155136	1151999	0.25	cps
Scandium	45-1	2150473	2169554	2190666	2170231	0.93	cps
Scandium	45-2	17121	16797	16887	16935	0.99	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	2	9	4	5	78.12	cps
Selenium	82-1	-4	-37	-37	-26	-74.59	cps
Silicon	28-1	245842	243679	243110	244210	0.59	cps
Silver	109-1	217	283	192	231	20.55	cps
Silver	107-1	292	300	375	322	14.25	cps
Sodium	23-2	4676	4584	4309	4523	4.22	cps
Strontium	86-1	483	558	475	506	9.08	cps
Strontium	88-1	383	317	292	331	14.34	cps
Sulfur	34-1	236240	233150	233355	234248	0.74	cps
Terbium	159-1	6107463	6208381	6132091	6149311	0.86	cps
Terbium	159-2	1270568	1263350	1266434	1266784	0.29	cps
Thallium	203-1	1033	783	783	867	16.65	cps
Thallium	205-1	2167	2217	1925	2103	7.42	cps
Tin	118-1	1625	1792	1959	1792	9.30	cps
Titanium	47-1	192	250	208	217	13.87	cps
Uranium	238-1	375	442	433	417	8.72	cps
Vanadium	51-2	20	10	13	14	35.26	cps
Yttrium	89-1	4487239	4595051	4548910	4543733	1.19	cps
Yttrium	89-2	142522	141878	141912	142104	0.26	cps
Zinc	66-2	30	60	23	38	51.71	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 19:59:12	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1208	1150	1117	1158	4.01	cps
Zirconium	91-1	250	317	167	244	30.75	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-07DLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412MS Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 20:02:36 DataFile Name : 054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5951	5935	5610	5832	3.30	cps
Antimony	121-1	614936	618136	618499	617190	0.32	cps
Arsenic	75-2	6109	6268	6192	6190	1.29	cps
Barium	135-1	668049	665076	661260	664795	0.51	cps
Barium	137-1	1161059	1164306	1166503	1163956	0.24	cps
Beryllium	9-1	51080	51398	51737	51405	0.64	cps
Bismuth	209-1	4389510	4198090	4235302	4274301	2.37	cps
Bismuth	209-2	1113688	1121826	1110234	1115249	0.53	cps
Boron	10-1	7586	8361	8136	8028	4.97	cps
Boron	11-1	37350	37943	39522	38272	2.93	cps
Cadmium	111-1	126808	127338	126091	126746	0.49	cps
Cadmium	106-1	14317	13833	13841	13997	1.98	cps
Cadmium	108-1	9137	8911	8820	8956	1.82	cps
Calcium	43-1	305128	304617	302633	304126	0.43	cps
Calcium	44-1	5088852	5064993	5038204	5064016	0.50	cps
Chromium	52-2	43678	42682	42849	43070	1.24	cps
Cobalt	59-2	97401	96014	96538	96651	0.72	cps
Copper	63-2	171897	170582	170673	171051	0.43	cps
Dysprosium	156-1	125	108	142	125	13.33	cps
Dysprosium	156-2	13	33	17	21	50.75	cps
Erbium	164-1	675	708	633	672	5.59	cps
Erbium	164-2	127	167	127	140	16.50	cps
Gadolinium	160-1	183	217	217	206	9.36	cps
Gadolinium	160-2	23	23	50	32	47.79	cps
Holmium	165-1	6126233	5883312	5956224	5988590	2.08	cps
Holmium	165-2	1298673	1308700	1298794	1302056	0.44	cps
Indium	115-1	4595966	4355092	4396524	4449194	2.89	cps
Indium	115-2	186307	186924	188812	187347	0.70	cps
Iron	56-2	1507175	1491922	1497372	1498823	0.52	cps
Iron	57-2	36058	36470	36030	36186	0.68	cps
Krypton	83-1	363	333	310	336	7.97	cps
Lead	206-1	444606	446139	447437	446061	0.32	cps
Lead	207-1	402251	402690	406572	403838	0.59	cps
Lead	208-1	1814587	1822281	1837954	1824941	0.65	cps
Lithium	6-1	529984	509571	517549	519035	1.98	cps
Magnesium	24-2	178837	175832	174743	176471	1.20	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-07DLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412MS Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 20:02:36 DataFile Name : 054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	31125	30918	31562	31202	1.05	cps
Molybdenum	94-1	947063	949929	962479	953157	0.86	cps
Molybdenum	95-1	1155019	1157273	1157884	1156726	0.13	cps
Molybdenum	96-1	1292230	1299734	1296854	1296272	0.29	cps
Molybdenum	97-1	726896	725968	733281	728715	0.55	cps
Molybdenum	98-1	1938930	1900218	1922754	1920634	1.01	cps
Neodymium	150-1	193	253	187	211	17.39	cps
Neodymium	150-2	43	23	17	28	49.95	cps
Nickel	60-2	29652	28539	29742	29311	2.29	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	43334	42474	42381	42730	1.23	cps
Rhodium	103-1	4093827	3882138	4004396	3993454	2.66	cps
Rhodium	103-2	1079184	1074719	1080129	1078010	0.27	cps
Scandium	45-1	2024718	1967459	1971189	1987789	1.61	cps
Scandium	45-2	15419	14785	15285	15163	2.20	cps
Selenium	77-2	37	43	27	36	23.58	cps
Selenium	78-2	163	124	120	136	17.38	cps
Selenium	82-1	7572	7597	7522	7564	0.51	cps
Silicon	28-1	3518471	3573401	3553506	3548459	0.78	cps
Silver	109-1	597100	601342	601306	599916	0.41	cps
Silver	107-1	619882	623366	627680	623643	0.63	cps
Sodium	23-2	556434	561707	561051	559731	0.51	cps
Strontium	86-1	333391	339256	337723	336790	0.90	cps
Strontium	88-1	3030117	3026364	2986253	3014245	0.81	cps
Sulfur	34-1	267395	268359	266832	267529	0.29	cps
Terbium	159-1	6248542	5990779	5950574	6063298	2.67	cps
Terbium	159-2	1222853	1224275	1232881	1226670	0.44	cps
Thallium	203-1	556860	559025	558182	558022	0.20	cps
Thallium	205-1	1337394	1344493	1346124	1342671	0.35	cps
Tin	118-1	399498	403535	403963	402332	0.61	cps
Titanium	47-1	249809	247306	250715	249277	0.71	cps
Uranium	238-1	1905553	1922755	1900071	1909460	0.62	cps
Vanadium	51-2	31115	31265	30911	31097	0.57	cps
Yttrium	89-1	4528857	4300874	4348601	4392777	2.74	cps
Yttrium	89-2	128709	129544	129520	129258	0.37	cps
Zinc	66-2	14765	15028	15556	15116	2.66	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-07DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412M5	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:02:36	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	807315	798414	801442	802390	0.56	cps
Zirconium	91-1	178541	178068	179039	178549	0.27	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-05ADLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412AC Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 20:05:57 DataFile Name : 055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5710	5943	5977	5877	2.47	cps
Antimony	121-1	619450	624415	625594	623153	0.52	cps
Arsenic	75-2	6207	6127	6164	6166	0.65	cps
Barium	135-1	672432	668461	676031	672308	0.56	cps
Barium	137-1	1170907	1174301	1179535	1174914	0.37	cps
Beryllium	9-1	51420	50935	50255	50870	1.15	cps
Bismuth	209-1	4392460	4340426	4385073	4372653	0.64	cps
Bismuth	209-2	1109192	1108119	1097792	1105034	0.57	cps
Boron	10-1	7853	8003	8378	8078	3.35	cps
Boron	11-1	37391	38444	38360	38065	1.54	cps
Cadmium	111-1	128288	127647	129204	128380	0.61	cps
Cadmium	106-1	13958	13424	14049	13810	2.45	cps
Cadmium	108-1	9162	9099	9153	9138	0.37	cps
Calcium	43-1	303561	305815	300857	303411	0.82	cps
Calcium	44-1	4990227	5023549	5036554	5016776	0.48	cps
Chromium	52-2	43213	43534	43036	43261	0.58	cps
Cobalt	59-2	96622	96692	96575	96630	0.06	cps
Copper	63-2	173754	170977	170984	171905	0.93	cps
Dysprosium	156-1	75	108	125	103	24.77	cps
Dysprosium	156-2	17	23	20	20	16.65	cps
Erbium	164-1	858	550	650	686	22.93	cps
Erbium	164-2	177	107	133	139	25.44	cps
Gadolinium	160-1	175	125	167	156	17.22	cps
Gadolinium	160-2	23	43	43	37	31.49	cps
Holmium	165-1	6167972	6185211	6220185	6191123	0.43	cps
Holmium	165-2	1294651	1302574	1282825	1293350	0.77	cps
Indium	115-1	4558686	4486818	4520102	4521869	0.80	cps
Indium	115-2	186542	186366	182728	185212	1.16	cps
Iron	56-2	1489902	1498920	1463132	1483985	1.25	cps
Iron	57-2	36292	36398	36515	36402	0.31	cps
Krypton	83-1	257	363	303	308	17.37	cps
Lead	206-1	454613	452353	456546	454504	0.46	cps
Lead	207-1	413315	412022	411212	412183	0.26	cps
Lead	208-1	1856778	1853058	1864235	1858024	0.31	cps
Lithium	6-1	536524	536652	538525	537233	0.21	cps
Magnesium	24-2	177627	177799	175461	176962	0.74	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-05ADLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW005-180412AC Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 20:05:57 DataFile Name : 055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30988	30975	30804	30922	0.33	cps
Molybdenum	94-1	958727	968296	967052	964691	0.54	cps
Molybdenum	95-1	1171257	1181086	1173305	1175216	0.44	cps
Molybdenum	96-1	1306654	1324281	1306664	1312533	0.78	cps
Molybdenum	97-1	731280	740093	741364	737579	0.74	cps
Molybdenum	98-1	1966831	1960816	1938094	1955247	0.78	cps
Neodymium	150-1	180	173	200	184	7.52	cps
Neodymium	150-2	27	23	23	24	7.89	cps
Nickel	60-2	29244	29642	29214	29367	0.81	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	42616	42925	41838	42460	1.32	cps
Rhodium	103-1	4073819	4117789	4124150	4105252	0.67	cps
Rhodium	103-2	1068140	1077209	1066890	1070747	0.53	cps
Scandium	45-1	2077357	2047802	2015761	2046973	1.50	cps
Scandium	45-2	14895	15155	14608	14886	1.84	cps
Selenium	77-2	30	37	23	30	22.23	cps
Selenium	78-2	120	139	156	138	12.73	cps
Selenium	82-1	7667	7887	7720	7758	1.48	cps
Silicon	28-1	3783141	3636735	3573180	3664352	2.94	cps
Silver	109-1	610671	605166	612937	609591	0.66	cps
Silver	107-1	629622	638596	632379	633532	0.73	cps
Sodium	23-2	566417	564193	555831	562147	0.99	cps
Strontium	86-1	339454	339641	344746	341280	0.88	cps
Strontium	88-1	3064163	3090208	3049792	3068054	0.67	cps
Sulfur	34-1	267740	265582	262767	265363	0.94	cps
Terbium	159-1	6258402	6236543	6254557	6249834	0.19	cps
Terbium	159-2	1218019	1221614	1215960	1218531	0.23	cps
Thallium	203-1	560797	560907	570587	564097	1.00	cps
Thallium	205-1	1360286	1362107	1367083	1363159	0.26	cps
Tin	118-1	406166	406700	412899	408588	0.92	cps
Titanium	47-1	251251	246748	248777	248925	0.91	cps
Uranium	238-1	1934322	1941645	1975057	1950341	1.11	cps
Vanadium	51-2	31128	31766	31195	31363	1.12	cps
Yttrium	89-1	4479606	4488420	4497406	4488477	0.20	cps
Yttrium	89-2	128185	127753	126758	127565	0.57	cps
Zinc	66-2	15305	15105	15175	15195	0.67	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-05ADLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW005-180412AC	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:05:57	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	808083	806629	814399	809704	0.51	cps
Zirconium	91-1	177569	180929	178870	179123	0.95	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-08DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP-0442-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:09:20	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	42	33	42	20.00	cps
Antimony	121-1	2542	2875	2859	2759	6.81	cps
Arsenic	75-2	59	61	44	55	16.62	cps
Barium	135-1	35674	35883	36359	35972	0.98	cps
Barium	137-1	63696	64843	63846	64128	0.97	cps
Beryllium	9-1	167	200	211	193	12.01	cps
Bismuth	209-1	4403708	4361124	4460455	4408429	1.13	cps
Bismuth	209-2	1117897	1112007	1116609	1115504	0.28	cps
Boron	10-1	4668	4651	4801	4707	1.75	cps
Boron	11-1	21993	22176	21976	22048	0.50	cps
Cadmium	111-1	500	603	552	552	9.25	cps
Cadmium	106-1	658	792	733	728	9.19	cps
Cadmium	108-1	21	8	4	11	78.05	cps
Calcium	43-1	252516	250293	249804	250871	0.58	cps
Calcium	44-1	4188896	4204070	4172295	4188420	0.38	cps
Chromium	52-2	260	270	317	282	10.72	cps
Cobalt	59-2	380	413	353	382	7.87	cps
Copper	63-2	293	307	307	302	2.55	cps
Dysprosium	156-1	42	42	42	42	0.00	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	50	17	50	39	49.48	cps
Erbium	164-2	7	13	10	10	33.30	cps
Gadolinium	160-1	42	67	33	47	36.74	cps
Gadolinium	160-2	3	3	13	7	86.65	cps
Holmium	165-1	6145644	6123870	6227379	6165631	0.89	cps
Holmium	165-2	1296472	1291652	1301209	1296444	0.37	cps
Indium	115-1	4565227	4582160	4616145	4587844	0.57	cps
Indium	115-2	186293	184959	186305	185852	0.42	cps
Iron	56-2	667602	658206	664075	663294	0.72	cps
Iron	57-2	16660	16894	16571	16709	1.00	cps
Krypton	83-1	353	317	350	340	5.96	cps
Lead	206-1	461	444	417	441	5.09	cps
Lead	207-1	328	344	400	357	10.58	cps
Lead	208-1	1567	1539	1783	1630	8.21	cps
Lithium	6-1	533478	535461	535755	534898	0.23	cps
Magnesium	24-2	63484	61417	60798	61900	2.27	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-08DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP-0442-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:09:20	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	16483	16417	16330	16410	0.47	cps
Molybdenum	94-1	2075	2259	2567	2300	10.80	cps
Molybdenum	95-1	2675	2917	3334	2975	11.20	cps
Molybdenum	96-1	2725	3284	3484	3164	12.42	cps
Molybdenum	97-1	1667	1909	2059	1878	10.52	cps
Molybdenum	98-1	4318	4968	4985	4757	8.00	cps
Neodymium	150-1	20	27	53	33	52.92	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	483	480	460	474	2.66	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	3942	3792	3434	3723	7.02	cps
Rhodium	103-1	4134633	4100763	4103917	4113105	0.45	cps
Rhodium	103-2	1075416	1075068	1076488	1075657	0.07	cps
Scandium	45-1	2005809	1994580	2037233	2012540	1.10	cps
Scandium	45-2	15198	14998	15018	15072	0.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-57	-7	-60	-41	-72.40	cps
Silicon	28-1	3663288	3630025	3591785	3628366	0.99	cps
Silver	109-1	300	300	383	328	14.68	cps
Silver	107-1	342	342	433	372	14.22	cps
Sodium	23-2	257068	254928	258176	256724	0.64	cps
Strontium	86-1	185731	187216	187097	186682	0.44	cps
Strontium	88-1	1661978	1680246	1686228	1676151	0.75	cps
Sulfur	34-1	211273	210485	206977	209578	1.09	cps
Terbium	159-1	6234837	6216889	6302152	6251293	0.72	cps
Terbium	159-2	1223571	1207328	1227369	1219423	0.87	cps
Thallium	203-1	358	425	425	403	9.56	cps
Thallium	205-1	975	933	858	922	6.41	cps
Tin	118-1	2150	1934	2217	2100	7.05	cps
Titanium	47-1	242	208	250	233	9.45	cps
Uranium	238-1	950	992	1108	1017	8.07	cps
Vanadium	51-2	30	53	40	41	28.47	cps
Yttrium	89-1	4458675	4454051	4501122	4471283	0.58	cps
Yttrium	89-2	128800	126852	127700	127784	0.76	cps
Zinc	66-2	70	87	87	81	11.87	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-08DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP-0442-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:09:20	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1809	1767	1725	1767	2.36	cps
Zirconium	91-1	358	475	392	408	14.72	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-10DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014RW041-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:12:43	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	175	167	164	7.77	cps
Antimony	121-1	2192	2242	2792	2409	13.83	cps
Arsenic	75-2	87	87	65	80	16.11	cps
Barium	135-1	48749	49075	48272	48699	0.83	cps
Barium	137-1	85132	84209	85056	84799	0.60	cps
Beryllium	9-1	178	144	139	154	13.68	cps
Bismuth	209-1	4394714	4418615	4381559	4398296	0.43	cps
Bismuth	209-2	1124188	1108357	1118691	1117079	0.72	cps
Boron	10-1	2042	2075	1925	2014	3.91	cps
Boron	11-1	10738	9237	9920	9965	7.54	cps
Cadmium	111-1	607	663	737	669	9.75	cps
Cadmium	106-1	650	650	817	706	13.64	cps
Cadmium	108-1	33	25	8	22	57.29	cps
Calcium	43-1	223105	221665	217765	220845	1.25	cps
Calcium	44-1	3717660	3685306	3698484	3700483	0.44	cps
Chromium	52-2	247	280	273	267	6.62	cps
Cobalt	59-2	303	270	317	297	8.10	cps
Copper	63-2	400	383	313	366	12.58	cps
Dysprosium	156-1	108	42	50	67	54.49	cps
Dysprosium	156-2	3	7	20	10	88.20	cps
Erbium	164-1	33	67	117	72	58.08	cps
Erbium	164-2	3	37	7	16	118.03	cps
Gadolinium	160-1	58	67	50	58	14.29	cps
Gadolinium	160-2	10	23	27	20	44.10	cps
Holmium	165-1	6085106	6147476	6093318	6108633	0.55	cps
Holmium	165-2	1295254	1275919	1287131	1286101	0.75	cps
Indium	115-1	4547488	4602189	4574786	4574821	0.60	cps
Indium	115-2	186366	185156	185517	185680	0.33	cps
Iron	56-2	123397	122030	121262	122229	0.88	cps
Iron	57-2	2934	3050	3106	3030	2.90	cps
Krypton	83-1	387	297	337	340	13.26	cps
Lead	206-1	689	689	606	661	7.28	cps
Lead	207-1	544	533	572	550	3.64	cps
Lead	208-1	2628	2445	2428	2500	4.44	cps
Lithium	6-1	529537	537964	534041	533847	0.79	cps
Magnesium	24-2	26100	25557	25090	25582	1.98	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-10DLX5 Instrumnet Name : P8
 Client Sample ID : LF014RW041-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 20:12:43 DataFile Name : 057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	46969	46745	47126	46947	0.41	cps
Molybdenum	94-1	1400	1117	1025	1181	16.57	cps
Molybdenum	95-1	783	1175	1275	1078	24.11	cps
Molybdenum	96-1	1133	1350	1492	1325	13.62	cps
Molybdenum	97-1	658	650	867	725	16.93	cps
Molybdenum	98-1	1550	1900	2009	1820	13.17	cps
Neodymium	150-1	173	73	140	129	39.50	cps
Neodymium	150-2	10	13	10	11	17.30	cps
Nickel	60-2	710	627	770	702	10.25	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	18563	19147	17929	18546	3.29	cps
Rhodium	103-1	4132119	4060149	4077644	4089971	0.92	cps
Rhodium	103-2	1075443	1067106	1072423	1071657	0.39	cps
Scandium	45-1	2036950	2030512	1982717	2016726	1.47	cps
Scandium	45-2	14421	15052	14554	14676	2.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-98	-53	-23	-58	-64.64	cps
Silicon	28-1	3529722	3515390	3535018	3526710	0.29	cps
Silver	109-1	267	258	292	272	6.37	cps
Silver	107-1	175	367	342	294	35.39	cps
Sodium	23-2	120264	119591	120078	119977	0.29	cps
Strontium	86-1	122648	123033	123976	123219	0.55	cps
Strontium	88-1	1076559	1063368	1075996	1071974	0.70	cps
Sulfur	34-1	240250	235403	237392	237682	1.02	cps
Terbium	159-1	6196914	6163478	6194044	6184812	0.30	cps
Terbium	159-2	1216531	1208149	1205965	1210215	0.46	cps
Thallium	203-1	358	300	225	294	22.70	cps
Thallium	205-1	642	608	675	642	5.19	cps
Tin	118-1	1875	1909	2292	2025	11.44	cps
Titanium	47-1	367	583	467	472	22.97	cps
Uranium	238-1	3376	2817	3059	3084	9.08	cps
Vanadium	51-2	113	103	120	112	7.47	cps
Yttrium	89-1	4467893	4434564	4409959	4437472	0.66	cps
Yttrium	89-2	127401	126623	126981	127001	0.31	cps
Zinc	66-2	2650	2547	2447	2548	3.99	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-10DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014RW041-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:12:43	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1459	1242	1283	1328	8.66	cps
Zirconium	91-1	450	408	442	433	5.09	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-11DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014RW040-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:16:07	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	67	83	81	15.80	cps
Antimony	121-1	1800	1884	1859	1847	2.31	cps
Arsenic	75-2	54	83	61	66	23.35	cps
Barium	135-1	16536	16536	17053	16708	1.79	cps
Barium	137-1	29509	28715	29008	29077	1.38	cps
Beryllium	9-1	156	106	139	133	19.09	cps
Bismuth	209-1	4071165	4387567	4372421	4277051	4.17	cps
Bismuth	209-2	1118363	1115862	1111345	1115190	0.32	cps
Boron	10-1	3000	3134	3017	3050	2.38	cps
Boron	11-1	13240	13106	14491	13612	5.61	cps
Cadmium	111-1	572	596	535	568	5.39	cps
Cadmium	106-1	675	683	658	672	1.89	cps
Cadmium	108-1	13	4	13	10	49.46	cps
Calcium	43-1	256129	254484	258350	256321	0.76	cps
Calcium	44-1	4273029	4293561	4245048	4270546	0.57	cps
Chromium	52-2	230	317	303	283	16.47	cps
Cobalt	59-2	167	200	167	178	10.83	cps
Copper	63-2	610	680	630	640	5.63	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	0	10	10	7	86.60	cps
Erbium	164-1	42	58	50	50	16.67	cps
Erbium	164-2	13	0	3	6	124.93	cps
Gadolinium	160-1	25	50	50	42	34.64	cps
Gadolinium	160-2	3	23	10	12	83.33	cps
Holmium	165-1	5705023	6096281	6218919	6006741	4.47	cps
Holmium	165-2	1281658	1279375	1276652	1279228	0.20	cps
Indium	115-1	4279428	4556151	4527856	4454478	3.42	cps
Indium	115-2	183282	186499	185410	185064	0.88	cps
Iron	56-2	23988	24060	24027	24025	0.15	cps
Iron	57-2	550	589	600	580	4.53	cps
Krypton	83-1	317	327	327	323	1.79	cps
Lead	206-1	506	600	439	515	15.73	cps
Lead	207-1	517	428	444	463	10.21	cps
Lead	208-1	2061	2150	2106	2106	2.11	cps
Lithium	6-1	502526	525549	527482	518519	2.68	cps
Magnesium	24-2	37685	36799	37868	37451	1.53	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-11DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014RW040-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:16:07	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2697	2544	2697	2646	3.35	cps
Molybdenum	94-1	942	1142	1350	1145	17.85	cps
Molybdenum	95-1	1100	1200	1442	1247	14.08	cps
Molybdenum	96-1	1484	1350	1417	1417	4.71	cps
Molybdenum	97-1	683	950	1033	889	20.57	cps
Molybdenum	98-1	2134	2117	2559	2270	11.03	cps
Neodymium	150-1	60	47	73	60	22.22	cps
Neodymium	150-2	7	13	7	9	43.25	cps
Nickel	60-2	480	577	563	540	9.70	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	6810	7986	7269	7355	8.06	cps
Rhodium	103-1	3862886	4065903	4112611	4013800	3.31	cps
Rhodium	103-2	1072619	1072633	1070456	1071903	0.12	cps
Scandium	45-1	1851236	1960413	2000006	1937218	3.98	cps
Scandium	45-2	14785	14945	14635	14788	1.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	15	-8	-25	-6	-338.73	cps
Silicon	28-1	3060028	3094646	3065931	3073535	0.60	cps
Silver	109-1	283	317	333	311	8.18	cps
Silver	107-1	300	192	242	244	22.18	cps
Sodium	23-2	220628	218713	219475	219606	0.44	cps
Strontium	86-1	192133	192641	193537	192770	0.37	cps
Strontium	88-1	1739729	1717538	1723731	1726999	0.66	cps
Sulfur	34-1	269372	267884	265774	267677	0.68	cps
Terbium	159-1	5776746	6168729	6198653	6048043	3.89	cps
Terbium	159-2	1212566	1219988	1215660	1216071	0.31	cps
Thallium	203-1	208	233	192	211	9.93	cps
Thallium	205-1	608	617	650	625	3.53	cps
Tin	118-1	1592	1542	1684	1606	4.47	cps
Titanium	47-1	333	258	242	278	17.58	cps
Uranium	238-1	20234	21311	20267	20604	2.97	cps
Vanadium	51-2	63	80	53	66	20.55	cps
Yttrium	89-1	4157450	4371520	4454546	4327839	3.54	cps
Yttrium	89-2	125392	127790	126852	126678	0.95	cps
Zinc	66-2	3377	3357	3220	3318	2.57	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-11DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014RW040-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:16:07	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	950	883	817	883	7.55	cps
Zirconium	91-1	225	250	250	242	5.97	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-12DLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW026-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 20:19:31 DataFile Name : 059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	17	19	24.73	cps
Antimony	121-1	1575	1559	1659	1597	3.35	cps
Arsenic	75-2	20	19	22	20	9.08	cps
Barium	135-1	19089	19707	19048	19281	1.91	cps
Barium	137-1	32975	34245	34454	33892	2.36	cps
Beryllium	9-1	106	72	100	93	19.28	cps
Bismuth	209-1	4347285	4357994	4329237	4344839	0.33	cps
Bismuth	209-2	1118352	1108819	1122965	1116712	0.65	cps
Boron	10-1	2192	2259	2050	2167	4.91	cps
Boron	11-1	10187	11097	11205	10830	5.16	cps
Cadmium	111-1	583	412	515	503	17.06	cps
Cadmium	106-1	808	592	725	708	15.43	cps
Cadmium	108-1	0	21	13	11	94.37	cps
Calcium	43-1	221527	222248	218958	220911	0.78	cps
Calcium	44-1	3702425	3758767	3664679	3708624	1.28	cps
Chromium	52-2	320	260	303	294	10.52	cps
Cobalt	59-2	33	30	13	26	41.94	cps
Copper	63-2	257	247	210	238	10.33	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	25	17	28	45.82	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	25	33	58	39	44.62	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	5927923	6089608	5993563	6003698	1.35	cps
Holmium	165-2	1277555	1271253	1282699	1277169	0.45	cps
Indium	115-1	4483156	4548467	4488940	4506854	0.80	cps
Indium	115-2	184914	183590	184509	184337	0.37	cps
Iron	56-2	2206	2284	2334	2274	2.83	cps
Iron	57-2	33	39	28	33	16.67	cps
Krypton	83-1	273	333	330	312	10.80	cps
Lead	206-1	217	194	222	211	6.96	cps
Lead	207-1	189	150	139	159	16.49	cps
Lead	208-1	894	811	839	848	5.00	cps
Lithium	6-1	515358	521789	516810	517986	0.65	cps
Magnesium	24-2	25365	26358	24931	25552	2.86	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-12DLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW026-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 20:19:31 DataFile Name : 059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	43	40	46	15.23	cps
Molybdenum	94-1	567	367	508	481	21.40	cps
Molybdenum	95-1	500	558	600	553	9.09	cps
Molybdenum	96-1	542	625	700	622	12.73	cps
Molybdenum	97-1	358	450	400	403	11.40	cps
Molybdenum	98-1	733	933	867	845	12.06	cps
Neodymium	150-1	53	40	27	40	33.33	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	407	427	423	419	2.56	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	4051	4309	4251	4204	3.22	cps
Rhodium	103-1	4005493	4084036	4002702	4030744	1.15	cps
Rhodium	103-2	1071778	1061591	1070367	1067912	0.52	cps
Scandium	45-1	1982134	2007720	1993174	1994343	0.64	cps
Scandium	45-2	14588	14524	14828	14647	1.09	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	11	-17	-8	-5	-294.69	cps
Silicon	28-1	3505305	3490746	3485084	3493712	0.30	cps
Silver	109-1	242	217	267	242	10.34	cps
Silver	107-1	108	192	192	164	29.36	cps
Sodium	23-2	127466	130334	130082	129294	1.23	cps
Strontium	86-1	167852	166158	164547	166186	0.99	cps
Strontium	88-1	1487551	1505077	1481660	1491429	0.82	cps
Sulfur	34-1	227411	227858	228332	227867	0.20	cps
Terbium	159-1	6037100	6119959	6127305	6094788	0.82	cps
Terbium	159-2	1204241	1201925	1206448	1204205	0.19	cps
Thallium	203-1	225	258	233	239	7.26	cps
Thallium	205-1	433	392	350	392	10.64	cps
Tin	118-1	1567	1225	1500	1431	12.66	cps
Titanium	47-1	108	158	142	136	18.70	cps
Uranium	238-1	4768	5001	4826	4865	2.50	cps
Vanadium	51-2	93	140	123	119	19.89	cps
Yttrium	89-1	4422660	4434070	4373277	4410002	0.73	cps
Yttrium	89-2	126304	126503	127057	126621	0.31	cps
Zinc	66-2	133	133	127	131	2.94	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-12DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW026-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:19:31	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	625	608	592	608	2.74	cps
Zirconium	91-1	133	133	158	142	10.19	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-14DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014RW132-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:22:54	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	42	25	42	40.00	cps
Antimony	121-1	1642	1775	1884	1767	6.85	cps
Arsenic	75-2	437	404	367	402	8.75	cps
Barium	135-1	87280	88319	90215	88605	1.68	cps
Barium	137-1	150769	155353	158192	154771	2.42	cps
Beryllium	9-1	83	89	100	91	9.35	cps
Bismuth	209-1	4204566	4288859	4287132	4260186	1.13	cps
Bismuth	209-2	1095468	1104415	1105838	1101907	0.51	cps
Boron	10-1	4418	4618	4676	4570	2.97	cps
Boron	11-1	20799	20699	22193	21230	3.93	cps
Cadmium	111-1	493	431	473	466	6.81	cps
Cadmium	106-1	667	592	642	633	6.03	cps
Cadmium	108-1	4	0	25	10	137.74	cps
Calcium	43-1	334620	346075	345452	342049	1.88	cps
Calcium	44-1	5591811	5741127	5748567	5693835	1.55	cps
Chromium	52-2	273	347	307	309	11.89	cps
Cobalt	59-2	140	103	80	108	28.06	cps
Copper	63-2	243	237	277	252	8.50	cps
Dysprosium	156-1	25	25	0	17	86.60	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	33	100	17	50	88.20	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	42	50	25	39	32.73	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	5872770	6092164	6065786	6010240	1.99	cps
Holmium	165-2	1274090	1280691	1288541	1281107	0.56	cps
Indium	115-1	4319039	4514210	4491483	4441577	2.40	cps
Indium	115-2	182989	184600	186583	184724	0.97	cps
Iron	56-2	886670	890886	891502	889686	0.30	cps
Iron	57-2	22163	22413	22446	22341	0.69	cps
Krypton	83-1	297	320	250	289	12.34	cps
Lead	206-1	500	422	511	478	10.14	cps
Lead	207-1	322	433	361	372	15.15	cps
Lead	208-1	1872	1872	2017	1920	4.34	cps
Lithium	6-1	502828	515315	513688	510610	1.33	cps
Magnesium	24-2	59760	59040	60538	59779	1.25	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-14DLX5 Instrumnet Name : P8
 Client Sample ID : LF014RW132-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 20:22:54 DataFile Name : 060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	15058	15202	15158	15140	0.49	cps
Molybdenum	94-1	783	833	867	828	5.07	cps
Molybdenum	95-1	1008	1100	1042	1050	4.42	cps
Molybdenum	96-1	1183	892	1175	1083	15.33	cps
Molybdenum	97-1	508	533	775	606	24.32	cps
Molybdenum	98-1	1350	1300	1584	1411	10.72	cps
Neodymium	150-1	27	13	40	27	50.01	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	440	383	453	426	8.74	cps
Phosphorus	31-2	17	17	0	11	86.60	cps
Potassium	39-2	7619	7644	7569	7611	0.50	cps
Rhodium	103-1	3887092	3981233	4011736	3960020	1.64	cps
Rhodium	103-2	1056912	1060821	1066652	1061462	0.46	cps
Scandium	45-1	1921789	1988563	1974497	1961616	1.79	cps
Scandium	45-2	14661	14458	15002	14707	1.87	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	1	-5	75	23	189.63	cps
Silicon	28-1	3559923	3626071	3639562	3608518	1.18	cps
Silver	109-1	167	133	233	178	28.64	cps
Silver	107-1	233	225	200	219	7.91	cps
Sodium	23-2	513086	517060	522327	517491	0.90	cps
Strontium	86-1	229380	233617	235405	232801	1.33	cps
Strontium	88-1	2068313	2111398	2144243	2107985	1.81	cps
Sulfur	34-1	220072	217108	217331	218171	0.76	cps
Terbium	159-1	5973762	6079455	6129299	6060839	1.31	cps
Terbium	159-2	1199961	1204351	1216845	1207052	0.73	cps
Thallium	203-1	225	167	125	172	29.16	cps
Thallium	205-1	358	333	300	331	8.85	cps
Tin	118-1	1600	1392	1634	1542	8.50	cps
Titanium	47-1	200	175	167	181	9.61	cps
Uranium	238-1	617	725	667	670	8.10	cps
Vanadium	51-2	33	53	33	40	28.87	cps
Yttrium	89-1	4235881	4388998	4423579	4349486	2.30	cps
Yttrium	89-2	124602	127728	127616	126649	1.40	cps
Zinc	66-2	197	217	200	204	5.24	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-14DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014RW132-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:22:54	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	783	883	642	770	15.78	cps
Zirconium	91-1	158	108	192	153	27.45	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-15DLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW015-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 20:26:18 DataFile Name : 061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	50	42	42	20.00	cps
Antimony	121-1	1834	1684	1767	1761	4.27	cps
Arsenic	75-2	528	537	530	531	0.92	cps
Barium	135-1	227492	232253	231737	230494	1.13	cps
Barium	137-1	398601	406127	406707	403812	1.12	cps
Beryllium	9-1	144	78	78	100	38.49	cps
Bismuth	209-1	4256840	4319128	4349216	4308395	1.09	cps
Bismuth	209-2	1091195	1106838	1112807	1103613	1.01	cps
Boron	10-1	2925	3109	2967	3000	3.20	cps
Boron	11-1	15384	14741	15559	15228	2.83	cps
Cadmium	111-1	406	491	447	448	9.45	cps
Cadmium	106-1	567	683	617	622	9.41	cps
Cadmium	108-1	4	0	8	4	99.96	cps
Calcium	43-1	206919	210760	210750	209476	1.06	cps
Calcium	44-1	3468345	3573978	3501269	3514531	1.54	cps
Chromium	52-2	250	260	247	252	2.75	cps
Cobalt	59-2	447	437	380	421	8.54	cps
Copper	63-2	297	277	240	271	10.60	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	3	3	13	7	86.65	cps
Gadolinium	160-1	25	50	75	50	50.00	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	5893232	6102027	6097288	6030849	1.98	cps
Holmium	165-2	1267031	1283654	1287608	1279431	0.85	cps
Indium	115-1	4428017	4473215	4505575	4468936	0.87	cps
Indium	115-2	181276	183387	183231	182631	0.64	cps
Iron	56-2	670789	680503	680032	677108	0.81	cps
Iron	57-2	17133	17311	17378	17274	0.73	cps
Krypton	83-1	327	290	310	309	5.94	cps
Lead	206-1	406	356	394	385	6.82	cps
Lead	207-1	272	344	278	298	13.48	cps
Lead	208-1	1472	1439	1472	1461	1.32	cps
Lithium	6-1	512575	518849	522875	518100	1.00	cps
Magnesium	24-2	37667	37592	37175	37478	0.71	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-15DLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW015-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 20:26:18 DataFile Name : 061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30533	30808	31452	30931	1.52	cps
Molybdenum	94-1	1092	1033	1283	1136	11.51	cps
Molybdenum	95-1	1700	1834	1700	1745	4.41	cps
Molybdenum	96-1	1750	2217	2092	2020	11.96	cps
Molybdenum	97-1	1133	1183	1083	1133	4.41	cps
Molybdenum	98-1	2792	2659	2984	2812	5.81	cps
Neodymium	150-1	0	20	47	22	105.36	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	550	710	607	622	13.04	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	5960	6518	6493	6324	4.99	cps
Rhodium	103-1	3983460	4046991	4086178	4038876	1.28	cps
Rhodium	103-2	1048224	1068442	1065521	1060729	1.03	cps
Scandium	45-1	1940613	1967296	1993509	1967139	1.34	cps
Scandium	45-2	14414	14357	15062	14611	2.68	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-3	-13	-15	-11	-60.55	cps
Silicon	28-1	3971872	4111255	4080592	4054573	1.81	cps
Silver	109-1	108	242	192	181	37.31	cps
Silver	107-1	217	217	208	214	2.25	cps
Sodium	23-2	220060	221040	220010	220370	0.26	cps
Strontium	86-1	189623	194946	194737	193102	1.56	cps
Strontium	88-1	1691138	1742487	1776773	1736799	2.48	cps
Sulfur	34-1	224379	222490	222186	223018	0.53	cps
Terbium	159-1	6035671	6126175	6161849	6107898	1.06	cps
Terbium	159-2	1193549	1216145	1212323	1207339	1.00	cps
Thallium	203-1	217	117	167	167	30.00	cps
Thallium	205-1	417	317	375	369	13.60	cps
Tin	118-1	1325	1208	1225	1253	5.04	cps
Titanium	47-1	183	175	208	189	9.18	cps
Uranium	238-1	250	217	175	214	17.57	cps
Vanadium	51-2	30	23	43	32	31.61	cps
Yttrium	89-1	4349954	4398115	4437805	4395291	1.00	cps
Yttrium	89-2	124972	126970	125779	125907	0.80	cps
Zinc	66-2	137	183	110	143	25.90	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-15DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW015-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:26:18	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	742	692	667	700	5.46	cps
Zirconium	91-1	200	158	208	189	14.18	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-16DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW009-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:29:41	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	83	92	78	22.30	cps
Antimony	121-1	1575	1550	1742	1622	6.42	cps
Arsenic	75-2	15	22	17	18	21.54	cps
Barium	135-1	20667	20700	20784	20717	0.29	cps
Barium	137-1	36150	36643	37236	36677	1.48	cps
Beryllium	9-1	89	128	150	122	25.31	cps
Bismuth	209-1	4148203	4297350	4313275	4252943	2.14	cps
Bismuth	209-2	1094275	1103070	1105187	1100844	0.53	cps
Boron	10-1	15876	16218	15985	16026	1.09	cps
Boron	11-1	76228	79169	80409	78602	2.73	cps
Cadmium	111-1	457	494	546	499	9.02	cps
Cadmium	106-1	625	667	725	672	7.47	cps
Cadmium	108-1	8	8	4	7	34.59	cps
Calcium	43-1	394864	396203	394830	395299	0.20	cps
Calcium	44-1	6615738	6704036	6605584	6641786	0.82	cps
Chromium	52-2	250	247	277	258	6.38	cps
Cobalt	59-2	327	283	313	308	7.21	cps
Copper	63-2	500	567	463	510	10.27	cps
Dysprosium	156-1	42	33	17	31	41.66	cps
Dysprosium	156-2	20	7	3	10	88.20	cps
Erbium	164-1	50	75	33	53	39.74	cps
Erbium	164-2	13	10	0	8	89.21	cps
Gadolinium	160-1	67	50	58	58	14.29	cps
Gadolinium	160-2	3	23	27	18	71.00	cps
Holmium	165-1	5880518	6109267	6047733	6012506	1.97	cps
Holmium	165-2	1269485	1282645	1287415	1279848	0.73	cps
Indium	115-1	4370515	4482627	4488399	4447180	1.49	cps
Indium	115-2	182055	184935	184425	183805	0.84	cps
Iron	56-2	18057	18463	18379	18300	1.17	cps
Iron	57-2	456	428	489	457	6.69	cps
Krypton	83-1	273	247	317	279	12.67	cps
Lead	206-1	572	639	572	594	6.48	cps
Lead	207-1	639	572	494	569	12.72	cps
Lead	208-1	2639	2522	2411	2524	4.51	cps
Lithium	6-1	502189	513828	505551	507190	1.18	cps
Magnesium	24-2	114399	114004	115172	114525	0.52	cps

LB Number : LB94743 Operator : Jaswal
 Lab Sample ID : J2377-16DLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW009-180412DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-18 20:29:41 DataFile Name : 062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13166	13106	12993	13089	0.67	cps
Molybdenum	94-1	1042	1042	1108	1064	3.62	cps
Molybdenum	95-1	375	383	367	375	2.22	cps
Molybdenum	96-1	583	692	600	625	9.33	cps
Molybdenum	97-1	225	325	375	308	24.77	cps
Molybdenum	98-1	542	525	692	586	15.66	cps
Neodymium	150-1	33	60	87	60	44.45	cps
Neodymium	150-2	13	7	10	10	33.30	cps
Nickel	60-2	737	897	923	852	11.85	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	7544	7444	7577	7522	0.92	cps
Rhodium	103-1	3879868	4017362	4013867	3970366	1.97	cps
Rhodium	103-2	1055686	1059528	1063050	1059421	0.35	cps
Scandium	45-1	1918943	1983111	1981945	1961333	1.87	cps
Scandium	45-2	14738	15008	15008	14918	1.05	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	1	74	15	30	129.12	cps
Silicon	28-1	2676001	2700977	2633643	2670207	1.27	cps
Silver	109-1	183	133	250	189	30.99	cps
Silver	107-1	167	183	158	169	7.51	cps
Sodium	23-2	1866165	1891093	1873747	1877001	0.68	cps
Strontium	86-1	302905	313922	311393	309407	1.87	cps
Strontium	88-1	2748790	2817674	2800646	2789037	1.29	cps
Sulfur	34-1	563486	566082	568255	565941	0.42	cps
Terbium	159-1	6024260	6112359	6153097	6096572	1.08	cps
Terbium	159-2	1204631	1206420	1207004	1206018	0.10	cps
Thallium	203-1	150	167	100	139	24.98	cps
Thallium	205-1	358	475	350	394	17.72	cps
Tin	118-1	1292	1425	1417	1378	5.42	cps
Titanium	47-1	308	233	242	261	15.74	cps
Uranium	238-1	5351	5543	5293	5396	2.42	cps
Vanadium	51-2	67	63	50	60	14.70	cps
Yttrium	89-1	4303913	4441672	4430818	4392135	1.74	cps
Yttrium	89-2	127115	126869	127108	127031	0.11	cps
Zinc	66-2	313	267	323	301	10.05	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-16DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW009-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:29:41	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1984	2100	2067	2050	2.93	cps
Zirconium	91-1	392	358	442	397	10.56	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-17DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW130-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:33:04	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	17	17	22	43.30	cps
Antimony	121-1	1150	1433	1375	1320	11.34	cps
Arsenic	75-2	13	13	13	13	0.00	cps
Barium	135-1	17754	18121	16586	17487	4.58	cps
Barium	137-1	31513	32274	31497	31761	1.40	cps
Beryllium	9-1	83	67	94	81	17.16	cps
Bismuth	209-1	4300564	4066464	4210958	4192662	2.82	cps
Bismuth	209-2	1099465	1104505	1110314	1104761	0.49	cps
Boron	10-1	2459	2709	2717	2628	5.59	cps
Boron	11-1	12915	12331	11789	12345	4.56	cps
Cadmium	111-1	469	426	456	450	4.85	cps
Cadmium	106-1	658	583	650	631	6.52	cps
Cadmium	108-1	13	4	4	7	69.23	cps
Calcium	43-1	209610	217104	211224	212646	1.85	cps
Calcium	44-1	3566244	3657610	3577167	3600340	1.39	cps
Chromium	52-2	263	253	307	274	10.33	cps
Cobalt	59-2	37	50	27	38	30.98	cps
Copper	63-2	273	250	187	237	18.95	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	50	8	17	25	88.19	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	0	25	25	17	86.60	cps
Gadolinium	160-2	0	3	7	3	100.05	cps
Holmium	165-1	5906217	5613039	5931023	5816760	3.04	cps
Holmium	165-2	1264751	1269323	1284127	1272734	0.80	cps
Indium	115-1	4456737	4223981	4369991	4350236	2.70	cps
Indium	115-2	183164	184083	184179	183809	0.30	cps
Iron	56-2	1761	1822	1817	1800	1.88	cps
Iron	57-2	33	61	61	52	30.93	cps
Krypton	83-1	307	347	303	319	7.56	cps
Lead	206-1	206	183	178	189	7.78	cps
Lead	207-1	189	244	211	215	13.02	cps
Lead	208-1	867	933	928	909	4.07	cps
Lithium	6-1	500659	486007	501904	496190	1.78	cps
Magnesium	24-2	24146	23429	24756	24110	2.76	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-17DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW130-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:33:04	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	30	30	34	22.34	cps
Molybdenum	94-1	450	450	425	442	3.27	cps
Molybdenum	95-1	392	367	425	394	7.42	cps
Molybdenum	96-1	558	417	508	494	14.53	cps
Molybdenum	97-1	233	283	333	283	17.65	cps
Molybdenum	98-1	792	675	775	747	8.44	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	423	470	433	442	5.56	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	4326	4009	4434	4256	5.19	cps
Rhodium	103-1	3976386	3793952	3946426	3905588	2.50	cps
Rhodium	103-2	1057550	1064070	1065038	1062219	0.38	cps
Scandium	45-1	1937578	1888403	1919141	1915040	1.30	cps
Scandium	45-2	14344	14645	15008	14666	2.27	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-21	-7	21	-2	-896.47	cps
Silicon	28-1	3313721	3404755	3327291	3348589	1.47	cps
Silver	109-1	200	208	217	208	4.00	cps
Silver	107-1	217	242	167	208	18.33	cps
Sodium	23-2	125255	123742	123692	124230	0.72	cps
Strontium	86-1	156919	160754	156580	158084	1.47	cps
Strontium	88-1	1387346	1407239	1378172	1390919	1.07	cps
Sulfur	34-1	235710	229095	230813	231872	1.48	cps
Terbium	159-1	5983888	5687251	6010012	5893717	3.04	cps
Terbium	159-2	1191984	1202001	1208718	1200901	0.70	cps
Thallium	203-1	133	125	117	125	6.67	cps
Thallium	205-1	392	142	317	283	45.28	cps
Tin	118-1	1125	1267	1333	1242	8.57	cps
Titanium	47-1	83	133	108	108	23.08	cps
Uranium	238-1	4618	4693	4576	4629	1.28	cps
Vanadium	51-2	153	127	177	152	16.44	cps
Yttrium	89-1	4271381	4093518	4265899	4210266	2.40	cps
Yttrium	89-2	126271	125823	127404	126499	0.64	cps
Zinc	66-2	53	43	43	47	12.37	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-17DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW130-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:33:04	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	417	458	392	422	7.98	cps
Zirconium	91-1	108	67	83	86	24.35	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 20:36:28	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	170566	168304	170083	169651	0.70	cps
Antimony	121-1	2981831	3005200	2977648	2988226	0.50	cps
Arsenic	75-2	32963	32828	32891	32894	0.21	cps
Barium	135-1	3228079	3280258	3279304	3262547	0.92	cps
Barium	137-1	5625099	5720660	5660611	5668790	0.85	cps
Beryllium	9-1	267603	268262	269405	268423	0.34	cps
Bismuth	209-1	4078049	4055851	4007019	4046973	0.90	cps
Bismuth	209-2	1070936	873051	1072066	1005351	11.40	cps
Boron	10-1	30583	30943	30917	30814	0.65	cps
Boron	11-1	138094	143300	146903	142766	3.10	cps
Cadmium	111-1	600805	605515	607944	604755	0.60	cps
Cadmium	106-1	61148	63868	63760	62925	2.45	cps
Cadmium	108-1	42279	43479	42229	42662	1.66	cps
Calcium	43-1	2617298	2654757	2664897	2645651	0.95	cps
Calcium	44-1	42604203	43044822	43676574	43108533	1.25	cps
Chromium	52-2	236612	236214	235900	236242	0.15	cps
Cobalt	59-2	505300	505004	508079	506128	0.34	cps
Copper	63-2	861589	861306	865459	862785	0.27	cps
Dysprosium	156-1	42	75	58	58	28.57	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	33	58	0	31	95.79	cps
Gadolinium	160-2	7	10	13	10	33.30	cps
Holmium	165-1	5942119	6047710	5974685	5988171	0.90	cps
Holmium	165-2	1312925	1075700	1307823	1232149	11.00	cps
Indium	115-1	4345663	4386877	4351211	4361250	0.51	cps
Indium	115-2	193476	155372	193873	180907	12.22	cps
Iron	56-2	38867266	38913863	38926341	38902490	0.08	cps
Iron	57-2	976148	975665	980728	977513	0.29	cps
Krypton	83-1	337	283	257	292	13.94	cps
Lead	206-1	2151171	2167240	2169098	2162503	0.46	cps
Lead	207-1	2019294	2015992	2002331	2012539	0.45	cps
Lead	208-1	8914429	8921450	8879460	8905113	0.25	cps
Lithium	6-1	465998	468258	465817	466691	0.29	cps
Magnesium	24-2	3881687	3906418	3919228	3902444	0.49	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 20:36:28	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	132911	132807	132804	132841	0.05	cps
Molybdenum	94-1	4800718	4888481	4876197	4855132	0.98	cps
Molybdenum	95-1	5913116	5928421	5851894	5897810	0.69	cps
Molybdenum	96-1	6478804	6579498	6592983	6550428	0.95	cps
Molybdenum	97-1	3648091	3717513	3680554	3682053	0.94	cps
Molybdenum	98-1	9394130	9490322	9387956	9424136	0.61	cps
Neodymium	150-1	187	140	213	180	20.62	cps
Neodymium	150-2	7	3	17	9	78.08	cps
Nickel	60-2	149323	148249	149240	148937	0.40	cps
Phosphorus	31-2	2192	2134	2417	2248	6.66	cps
Potassium	39-2	1080096	1084220	1086151	1083489	0.29	cps
Rhodium	103-1	3895754	3887998	3913280	3899011	0.33	cps
Rhodium	103-2	1082355	879008	1073801	1011721	11.37	cps
Scandium	45-1	2150499	2155488	2159293	2155093	0.20	cps
Scandium	45-2	16970	14318	17685	16324	10.87	cps
Selenium	77-2	233	207	210	217	6.71	cps
Selenium	78-2	735	722	783	747	4.31	cps
Selenium	82-1	36632	37229	37556	37139	1.26	cps
Silicon	28-1	1131616	1139679	1151011	1140768	0.85	cps
Silver	109-1	2868674	2914143	2918538	2900451	0.95	cps
Silver	107-1	3016084	3026676	3040016	3027592	0.40	cps
Sodium	23-2	8461717	8596919	8530664	8529767	0.79	cps
Strontium	86-1	746144	754381	750889	750471	0.55	cps
Strontium	88-1	6628981	6740927	6686730	6685546	0.84	cps
Sulfur	34-1	372608	380098	380382	377696	1.17	cps
Terbium	159-1	6030907	6104394	6043105	6059469	0.65	cps
Terbium	159-2	1248837	1017763	1244330	1170310	11.29	cps
Thallium	203-1	2625941	2664888	2625646	2638825	0.86	cps
Thallium	205-1	6252948	6322614	6203847	6259803	0.95	cps
Tin	118-1	2068315	2077098	2048408	2064607	0.71	cps
Titanium	47-1	1320405	1368067	1365106	1351193	1.98	cps
Uranium	238-1	8968051	8912701	8858619	8913124	0.61	cps
Vanadium	51-2	176804	176165	175733	176234	0.31	cps
Yttrium	89-1	4497881	4492560	4517933	4502791	0.30	cps
Yttrium	89-2	143056	115382	142329	133589	11.81	cps
Zinc	66-2	81699	81250	81186	81378	0.34	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 20:36:28	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3979260	4035552	4002599	4005803	0.71	cps
Zirconium	91-1	870911	880548	882166	877875	0.69	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 20:39:42	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	33	8	17	86.62	cps
Antimony	121-1	8395	9621	10096	9370	9.37	cps
Arsenic	75-2	9	20	13	14	39.85	cps
Barium	135-1	192	250	108	183	38.84	cps
Barium	137-1	275	292	192	253	21.20	cps
Beryllium	9-1	250	256	200	235	13.01	cps
Bismuth	209-1	3960645	4151525	4154139	4088770	2.71	cps
Bismuth	209-2	1130207	1129110	1148358	1135891	0.95	cps
Boron	10-1	1150	1075	1117	1114	3.37	cps
Boron	11-1	6160	5568	5410	5713	6.92	cps
Cadmium	111-1	527	603	718	616	15.67	cps
Cadmium	106-1	650	775	850	758	13.32	cps
Cadmium	108-1	17	21	8	15	41.67	cps
Calcium	43-1	642	700	733	692	6.71	cps
Calcium	44-1	11222	11155	11347	11241	0.87	cps
Chromium	52-2	173	257	287	239	24.58	cps
Cobalt	59-2	33	43	57	44	26.35	cps
Copper	63-2	167	157	223	182	19.73	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	25	0	25	17	86.60	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	17	8	33	19	65.47	cps
Gadolinium	160-2	0	0	0	0	0.00	cps
Holmium	165-1	5737373	5929564	5877170	5848035	1.70	cps
Holmium	165-2	1306090	1316042	1328281	1316804	0.84	cps
Indium	115-1	4275606	4511721	4405275	4397534	2.69	cps
Indium	115-2	199591	199305	200338	199745	0.27	cps
Iron	56-2	3495	3206	2817	3173	10.72	cps
Iron	57-2	89	89	94	91	3.54	cps
Krypton	83-1	283	277	307	289	5.45	cps
Lead	206-1	333	283	383	333	15.00	cps
Lead	207-1	344	328	256	309	15.28	cps
Lead	208-1	1483	1406	1483	1457	3.08	cps
Lithium	6-1	471269	492701	497979	487316	2.90	cps
Magnesium	24-2	667	583	783	678	14.82	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 20:39:42	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17	20	23	20	16.65	cps
Molybdenum	94-1	2225	2450	2759	2478	10.81	cps
Molybdenum	95-1	3376	3567	4451	3798	15.10	cps
Molybdenum	96-1	3526	3976	4809	4104	15.87	cps
Molybdenum	97-1	1942	2425	2567	2311	14.18	cps
Molybdenum	98-1	4818	5952	6318	5696	13.73	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	323	363	380	356	8.19	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1792	1784	1617	1731	5.70	cps
Rhodium	103-1	3900889	4076099	4041387	4006125	2.32	cps
Rhodium	103-2	1123814	1125016	1141866	1130232	0.89	cps
Scandium	45-1	2014938	2084797	2095494	2065076	2.12	cps
Scandium	45-2	16206	16543	16834	16528	1.90	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	24	60	20	35	63.07	cps
Silicon	28-1	238455	238167	238603	238408	0.09	cps
Silver	109-1	350	242	233	275	23.67	cps
Silver	107-1	375	367	308	350	10.38	cps
Sodium	23-2	4268	4393	4109	4256	3.34	cps
Strontium	86-1	575	500	475	517	10.07	cps
Strontium	88-1	467	325	333	375	21.20	cps
Sulfur	34-1	229906	233761	232091	231919	0.83	cps
Terbium	159-1	5756383	5969408	6037643	5921145	2.48	cps
Terbium	159-2	1245182	1252200	1254488	1250623	0.39	cps
Thallium	203-1	1008	775	892	892	13.08	cps
Thallium	205-1	2442	2017	1867	2109	14.15	cps
Tin	118-1	1475	1667	1692	1611	7.36	cps
Titanium	47-1	217	267	208	231	13.68	cps
Uranium	238-1	583	692	542	606	12.79	cps
Vanadium	51-2	27	20	10	19	44.42	cps
Yttrium	89-1	4275753	4435483	4349489	4353575	1.84	cps
Yttrium	89-2	138577	138942	139271	138930	0.25	cps
Zinc	66-2	17	30	23	23	28.56	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 20:39:42	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1108	1233	1375	1239	10.77	cps
Zirconium	91-1	333	283	292	303	8.85	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-18DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP-0443-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:43:06	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	0	8	100.02	cps
Antimony	121-1	5451	6477	6460	6130	9.58	cps
Arsenic	75-2	15	15	13	14	7.53	cps
Barium	135-1	17754	18105	17955	17938	0.98	cps
Barium	137-1	31229	30136	31238	30868	2.05	cps
Beryllium	9-1	167	189	178	178	6.25	cps
Bismuth	209-1	4223874	4303118	4293248	4273413	1.01	cps
Bismuth	209-2	1107890	1118472	1124429	1116931	0.75	cps
Boron	10-1	2434	2400	2350	2395	1.75	cps
Boron	11-1	10830	11981	11472	11427	5.05	cps
Cadmium	111-1	584	595	587	589	0.94	cps
Cadmium	106-1	700	758	742	733	4.10	cps
Cadmium	108-1	21	4	4	10	98.92	cps
Calcium	43-1	211208	213881	214582	213224	0.83	cps
Calcium	44-1	3559175	3604068	3604007	3589083	0.72	cps
Chromium	52-2	300	250	293	281	9.66	cps
Cobalt	59-2	7	20	20	16	49.47	cps
Copper	63-2	230	220	260	237	8.80	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	8	17	14	34.67	cps
Erbium	164-2	0	7	17	8	107.84	cps
Gadolinium	160-1	25	33	50	36	35.25	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	5906998	6018584	5994027	5973203	0.98	cps
Holmium	165-2	1271387	1272823	1281032	1275080	0.41	cps
Indium	115-1	4356670	4433579	4490781	4427010	1.52	cps
Indium	115-2	185469	182108	184365	183981	0.93	cps
Iron	56-2	1956	2089	1867	1971	5.68	cps
Iron	57-2	50	50	78	59	27.07	cps
Krypton	83-1	357	267	340	321	14.91	cps
Lead	206-1	344	411	300	352	15.89	cps
Lead	207-1	372	306	267	315	16.96	cps
Lead	208-1	1461	1589	1272	1441	11.06	cps
Lithium	6-1	501907	514343	513454	509901	1.36	cps
Magnesium	24-2	23737	23462	24605	23935	2.49	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-18DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP-0443-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:43:06	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	13	40	33	52.92	cps
Molybdenum	94-1	1325	1383	1433	1381	3.93	cps
Molybdenum	95-1	1267	1542	1433	1414	9.80	cps
Molybdenum	96-1	1383	1767	2100	1750	20.49	cps
Molybdenum	97-1	800	975	1167	981	18.70	cps
Molybdenum	98-1	2059	2475	2959	2498	18.04	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	400	413	330	381	11.75	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	4009	3951	4534	4165	7.72	cps
Rhodium	103-1	3901124	4013324	4021517	3978655	1.69	cps
Rhodium	103-2	1055105	1064824	1066582	1062170	0.58	cps
Scandium	45-1	1951808	1982267	1965908	1966661	0.78	cps
Scandium	45-2	14758	14655	14558	14657	0.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-85	26	-65	-41	-143.14	cps
Silicon	28-1	3360704	3399550	3377387	3379213	0.58	cps
Silver	109-1	408	475	383	422	11.22	cps
Silver	107-1	492	475	433	467	6.44	cps
Sodium	23-2	126449	124230	124289	124989	1.01	cps
Strontium	86-1	156344	161368	159505	159073	1.60	cps
Strontium	88-1	1357161	1401429	1425986	1394858	2.50	cps
Sulfur	34-1	232616	231888	232109	232204	0.16	cps
Terbium	159-1	5984420	6101890	6013369	6033226	1.01	cps
Terbium	159-2	1193972	1209693	1215984	1206550	0.94	cps
Thallium	203-1	1083	842	708	878	21.66	cps
Thallium	205-1	2542	2192	1717	2150	19.26	cps
Tin	118-1	1609	1950	2317	1959	18.09	cps
Titanium	47-1	125	133	233	164	36.78	cps
Uranium	238-1	4743	4793	4484	4673	3.54	cps
Vanadium	51-2	93	190	140	141	34.26	cps
Yttrium	89-1	4250804	4321077	4374903	4315595	1.44	cps
Yttrium	89-2	125119	125910	127707	126245	1.05	cps
Zinc	66-2	60	37	67	54	28.93	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	J2377-18DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP-0443-180412DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-18 20:43:06	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1650	1583	1742	1659	4.79	cps
Zirconium	91-1	350	375	417	381	8.85	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 20:46:29	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	174629	173659	170159	172816	1.36	cps
Antimony	121-1	3029853	3047698	3040290	3039281	0.29	cps
Arsenic	75-2	33613	33611	33424	33549	0.32	cps
Barium	135-1	3300226	3343055	3323553	3322278	0.65	cps
Barium	137-1	5704610	5734357	5799561	5746176	0.85	cps
Beryllium	9-1	274284	279050	279392	277575	1.03	cps
Bismuth	209-1	4111723	4102309	4106698	4106910	0.11	cps
Bismuth	209-2	1091298	1028198	1068096	1062531	3.00	cps
Boron	10-1	30709	31377	31853	31313	1.84	cps
Boron	11-1	140339	147147	149394	145627	3.24	cps
Cadmium	111-1	612694	620720	614169	615861	0.69	cps
Cadmium	106-1	64337	64078	63433	63949	0.73	cps
Cadmium	108-1	42881	43663	43955	43500	1.28	cps
Calcium	43-1	2660797	2725464	2755892	2714051	1.79	cps
Calcium	44-1	43106004	44397868	44606403	44036758	1.85	cps
Chromium	52-2	241951	242300	240507	241586	0.39	cps
Cobalt	59-2	514929	516125	511661	514238	0.45	cps
Copper	63-2	885574	883176	874593	881115	0.66	cps
Dysprosium	156-1	58	50	42	50	16.67	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	50	42	33	42	20.00	cps
Erbium	164-2	3	13	0	6	124.93	cps
Gadolinium	160-1	42	42	33	39	12.38	cps
Gadolinium	160-2	10	3	7	7	50.03	cps
Holmium	165-1	6068274	6131550	6103939	6101254	0.52	cps
Holmium	165-2	1339914	1259058	1317450	1305474	3.20	cps
Indium	115-1	4395972	4404854	4412054	4404293	0.18	cps
Indium	115-2	197996	183492	193180	191556	3.86	cps
Iron	56-2	39922162	39861390	39407598	39730383	0.71	cps
Iron	57-2	1001632	999048	994012	998231	0.39	cps
Krypton	83-1	320	300	393	338	14.55	cps
Lead	206-1	2184124	2183849	2201518	2189830	0.46	cps
Lead	207-1	2010161	2031985	2035523	2025889	0.68	cps
Lead	208-1	8969198	9017905	9016711	9001271	0.31	cps
Lithium	6-1	489830	487128	487361	488106	0.31	cps
Magnesium	24-2	3990967	4002308	3936184	3976487	0.89	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 20:46:29	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	135001	135672	133954	134875	0.64	cps
Molybdenum	94-1	4888095	4927156	4928106	4914452	0.46	cps
Molybdenum	95-1	5963964	6006312	6054233	6008169	0.75	cps
Molybdenum	96-1	6677579	6695068	6704479	6692375	0.20	cps
Molybdenum	97-1	3758392	3739640	3740917	3746316	0.28	cps
Molybdenum	98-1	9612541	9542938	9724441	9626640	0.95	cps
Neodymium	150-1	193	133	180	169	18.65	cps
Neodymium	150-2	13	10	3	9	57.30	cps
Nickel	60-2	152676	152005	151035	151905	0.54	cps
Phosphorus	31-2	2142	2675	2367	2395	11.18	cps
Potassium	39-2	1115420	1105965	1094313	1105233	0.96	cps
Rhodium	103-1	3962407	4014986	3995435	3990943	0.67	cps
Rhodium	103-2	1101705	1035085	1082521	1073104	3.20	cps
Scandium	45-1	2176291	2222501	2235701	2211498	1.41	cps
Scandium	45-2	17975	16934	17291	17400	3.04	cps
Selenium	77-2	227	190	260	226	15.52	cps
Selenium	78-2	722	767	774	754	3.72	cps
Selenium	82-1	37456	38342	37883	37894	1.17	cps
Silicon	28-1	1158593	1160398	1188304	1169098	1.42	cps
Silver	109-1	2918583	3008265	2993385	2973411	1.62	cps
Silver	107-1	3048194	3099631	3102134	3083320	0.99	cps
Sodium	23-2	8820296	8745677	8722554	8762842	0.58	cps
Strontium	86-1	754894	765947	764567	761802	0.79	cps
Strontium	88-1	6689183	6772520	6745816	6735840	0.63	cps
Sulfur	34-1	382028	389375	388309	386571	1.03	cps
Terbium	159-1	6112581	6167643	6233131	6171118	0.98	cps
Terbium	159-2	1279713	1188910	1237619	1235414	3.68	cps
Thallium	203-1	2674828	2701937	2686101	2687622	0.51	cps
Thallium	205-1	6390600	6423346	6313638	6375861	0.88	cps
Tin	118-1	2086313	2102088	2079392	2089264	0.56	cps
Titanium	47-1	1380497	1392750	1411947	1395065	1.14	cps
Uranium	238-1	9063750	9041412	8973142	9026101	0.52	cps
Vanadium	51-2	178768	179403	178144	178772	0.35	cps
Yttrium	89-1	4496841	4559471	4572526	4542946	0.89	cps
Yttrium	89-2	144103	135835	141106	140348	2.98	cps
Zinc	66-2	82808	83456	82735	83000	0.48	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 20:46:29	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4071650	4124688	4112887	4103075	0.68	cps
Zirconium	91-1	885056	893122	901658	893279	0.93	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 20:49:43	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	0	17	99.99	cps
Antimony	121-1	8812	10004	10646	9821	9.48	cps
Arsenic	75-2	19	19	17	18	5.97	cps
Barium	135-1	167	175	150	164	7.77	cps
Barium	137-1	308	375	217	300	26.50	cps
Beryllium	9-1	283	339	311	311	8.93	cps
Bismuth	209-1	3924645	4177932	4140420	4080999	3.35	cps
Bismuth	209-2	1119789	1130220	1145960	1131989	1.16	cps
Boron	10-1	1083	1242	1075	1133	8.29	cps
Boron	11-1	6694	6102	5368	6054	10.97	cps
Cadmium	111-1	580	538	645	588	9.12	cps
Cadmium	106-1	683	617	775	692	11.49	cps
Cadmium	108-1	4	8	21	11	78.05	cps
Calcium	43-1	717	583	575	625	12.72	cps
Calcium	44-1	11305	11555	10538	11133	4.76	cps
Chromium	52-2	277	220	207	234	15.85	cps
Cobalt	59-2	57	57	57	57	0.00	cps
Copper	63-2	250	130	153	178	35.79	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	0	8	11	114.58	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	58	33	50	47	26.97	cps
Gadolinium	160-2	0	3	10	4	114.60	cps
Holmium	165-1	5565577	5933681	5905063	5801440	3.53	cps
Holmium	165-2	1309344	1313351	1323434	1315377	0.55	cps
Indium	115-1	4281834	4483388	4531493	4432238	2.99	cps
Indium	115-2	197794	200211	201861	199956	1.02	cps
Iron	56-2	3817	3567	3239	3541	8.18	cps
Iron	57-2	61	50	67	59	14.32	cps
Krypton	83-1	377	393	303	358	13.38	cps
Lead	206-1	356	428	306	363	16.93	cps
Lead	207-1	378	289	311	326	14.19	cps
Lead	208-1	1506	1350	1317	1391	7.25	cps
Lithium	6-1	473541	504294	498542	492126	3.32	cps
Magnesium	24-2	775	642	775	731	10.54	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 20:49:43	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	17	10	20	60.08	cps
Molybdenum	94-1	2192	2675	2925	2598	14.36	cps
Molybdenum	95-1	3109	3951	4668	3909	19.96	cps
Molybdenum	96-1	3276	3959	4701	3979	17.92	cps
Molybdenum	97-1	1909	2384	2934	2409	21.30	cps
Molybdenum	98-1	4468	6118	6927	5838	21.47	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	460	440	397	432	7.49	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	1742	1667	1742	1717	2.52	cps
Rhodium	103-1	3899504	4086114	4066041	4017220	2.55	cps
Rhodium	103-2	1119373	1131498	1136525	1129132	0.78	cps
Scandium	45-1	2017278	2121647	2106826	2081917	2.71	cps
Scandium	45-2	16887	16667	16957	16837	0.90	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-68	-55	29	-31	-167.12	cps
Silicon	28-1	243718	243239	242348	243102	0.29	cps
Silver	109-1	317	308	275	300	7.35	cps
Silver	107-1	292	275	333	300	10.02	cps
Sodium	23-2	4801	4276	4551	4543	5.78	cps
Strontium	86-1	525	483	433	481	9.55	cps
Strontium	88-1	442	442	367	417	10.39	cps
Sulfur	34-1	234319	237393	237361	236358	0.75	cps
Terbium	159-1	5625142	5944591	5996418	5855384	3.43	cps
Terbium	159-2	1233378	1239693	1259619	1244230	1.10	cps
Thallium	203-1	975	950	950	958	1.51	cps
Thallium	205-1	1984	2042	2242	2089	6.49	cps
Tin	118-1	1475	2250	1992	1906	20.71	cps
Titanium	47-1	150	167	208	175	17.17	cps
Uranium	238-1	658	542	708	636	13.45	cps
Vanadium	51-2	10	23	7	13	66.12	cps
Yttrium	89-1	4183994	4444237	4405859	4344697	3.23	cps
Yttrium	89-2	137564	138480	141285	139110	1.39	cps
Zinc	66-2	33	33	27	31	12.36	cps

LB Number :	LB94743	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2018-04-18 20:49:43	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1142	1233	1133	1170	4.75	cps
Zirconium	91-1	217	217	242	225	6.41	cps