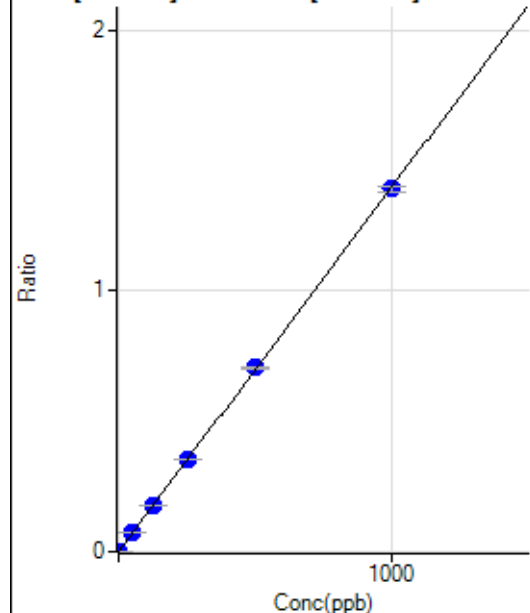


Batch Folder: D:\P8122618-MS .b\
Analysis File: P8122618-MS .batch.bin
DA Date-Time: 2018-12-26 15:47:17
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-12-26 12:59:57
2			
3	005CALS.d	S02	2018-12-26 13:07:29
4	006CALS.d	S03	2018-12-26 13:11:17
5	007CALS.d	S04	2018-12-26 13:15:04
6	008CALS.d	S05	2018-12-26 13:18:46
7	009CALS.d	S06	2018-12-26 13:22:20
8	010CALS.d	S07	2018-12-26 13:25:50
9	011CALS.d	S08	2018-12-26 13:29:14

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.78	0.0000	P	89.7
2	☐	0.100					
3	☐	1.000	0.857	510.02	0.0012	P	5.1
4	☐	50.000	50.526	30123.94	0.0706	P	1.5
5	☐	125.000	126.603	79724.87	0.1768	P	0.3
6	☐	250.000	252.941	159952.29	0.3532	P	0.6
7	☐	500.000	506.093	327916.06	0.7067	P	1.0
8	☐	1000.000	995.992	646350.83	1.3908	P	1.5
9	☐			87.78	0.0002	P	9.2

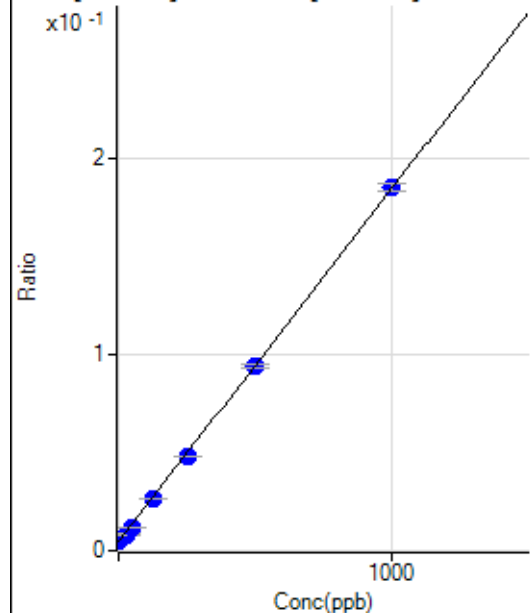
$$y = 0.0014 * x + 1.8237E-005$$

$$R = 1.0000$$

$$DL = 0.03514$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1980.79	0.0046	P	3.5
2	☐	2.500					
3	☐	25.000	20.235	3456.14	0.0082	P	2.5
4	☐	50.000	41.565	5145.59	0.0121	P	2.7
5	☐	125.000	120.632	11833.14	0.0262	P	2.2
6	☐	250.000	241.087	21669.85	0.0479	P	0.7
7	☐	500.000	500.365	43784.51	0.0944	P	2.0
8	☐	1000.000	1003.132	85771.68	0.1846	P	2.1
9	☐			2569.79	0.0060	P	4.3

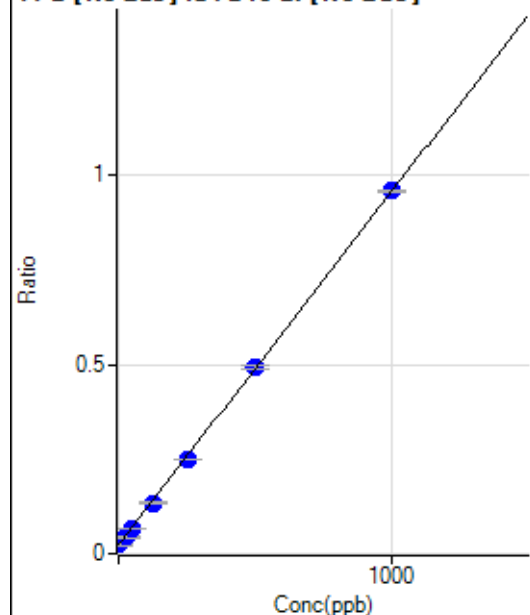
$$y = 1.7939E-004 * x + 0.0046$$

$$R = 1.0000$$

$$DL = 2.706$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9956.67	0.0231	P	2.7
2	☐	2.500					
3	☐	25.000	21.890	18267.79	0.0436	P	7.0
4	☐	50.000	45.379	27956.04	0.0655	P	1.7
5	☐	125.000	117.766	59982.58	0.1330	P	2.4
6	☐	250.000	240.839	112244.00	0.2479	P	1.1
7	☐	500.000	502.009	228086.21	0.4916	P	1.8
8	☐	1000.000	1002.499	445522.98	0.9586	P	0.9
9	☐			13584.78	0.0319	P	4.3

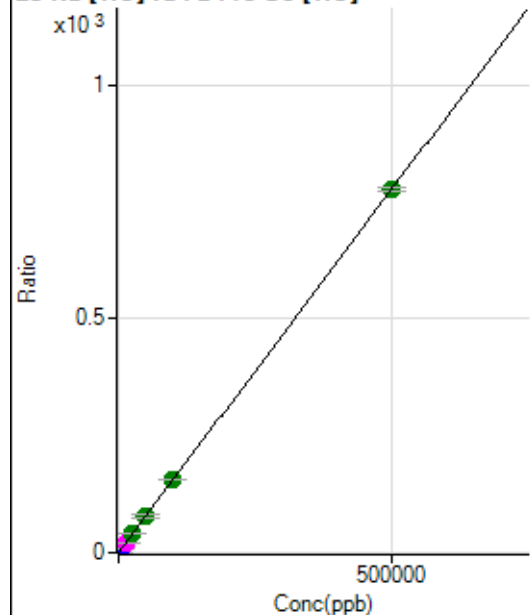
$$y = 9.3312\text{E-}004 * x + 0.0231$$

$$R = 0.9999$$

$$DL = 2.002$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15586.92	0.2937	P	4.1
2	☐	50.000					
3	☐	500.000	480.777	53652.27	1.0396	P	0.9
4	☐	5000.000	5204.081	429374.66	8.3675	P	1.8
5	☐	12500.000	12893.687	1091972.97	20.2973	M	1.9
6	☐	25000.000	26903.589	2196634.27	42.0326	A	3.6
7	☐	50000.000	50590.961	4226212.51	78.7818	A	9.2
8	☐	100000.00	101145.09	8317817.29	157.2128	A	0.3
9	☐	500000.00	499604.84	42151372.47	775.3932	A	1.0

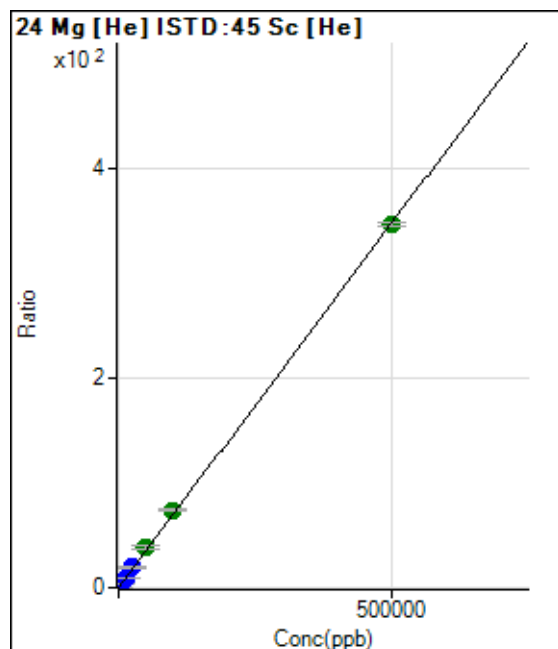
$$y = 0.0016 * x + 0.2937$$

$$R = 1.0000$$

$$DL = 23.37$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	241.68	0.0046	P	32.7
2	☐	50.000					
3	☐	500.000	502.481	18304.22	0.3546	P	1.0
4	☐	5000.000	5487.771	196426.61	3.8280	P	1.8
5	☐	12500.000	13579.858	509266.04	9.4660	P	1.5
6	☐	25000.000	27927.648	1017222.71	19.4625	P	3.2
7	☐	50000.000	55164.974	2060534.10	38.4395	A	10.4
8	☐	100000.00	106863.52	3939508.72	74.4593	A	0.1
9	☐	500000.00	497932.53	18859082.71	346.9279	A	1.0

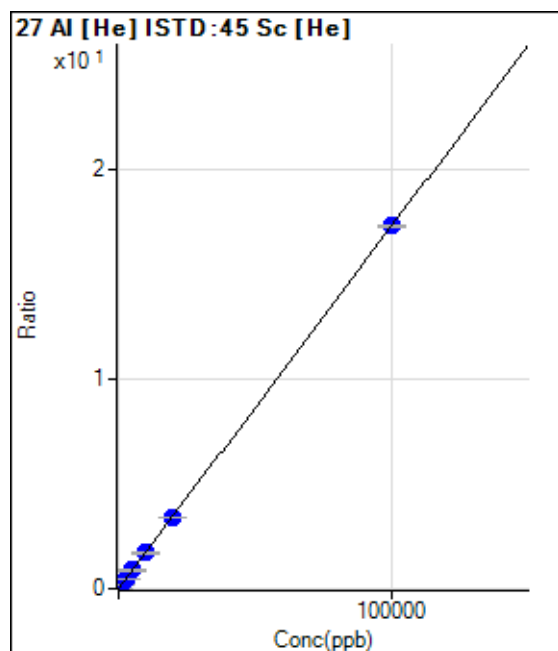
$$y = 6.9673\text{E-}004 * x + 0.0046$$

$$R = 0.9999$$

$$DL = 6.407$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	57.51	0.0011	P	15.2
2	☐	2.000					
3	☐	20.000	21.045	243.40	0.0047	P	3.9
4	☐	1000.000	1005.192	8960.99	0.1745	P	0.8
5	☐	2500.000	2458.702	22884.20	0.4253	P	1.0
6	☐	5000.000	5122.980	46244.71	0.8851	P	4.5
7	☐	10000.000	9820.650	90934.45	1.6957	P	9.7
8	☐	20000.000	19555.194	178587.09	3.3754	P	0.4
9	☐	100000.00	100101.72	939040.44	17.2741	P	0.9

$$y = 1.7255\text{E-}004 * x + 0.0011$$

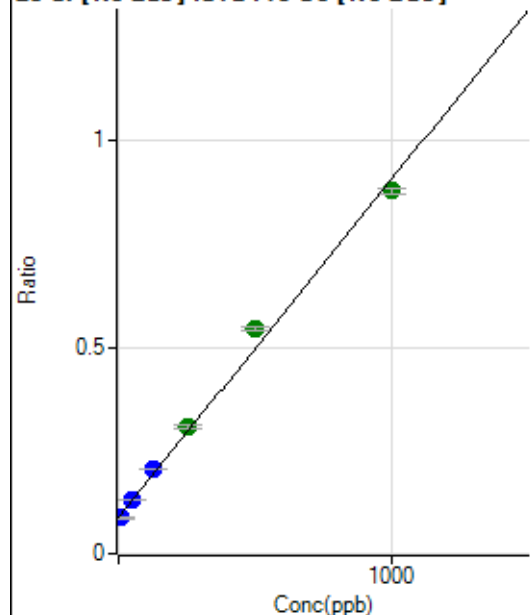
$$R = 1.0000$$

$$DL = 2.855$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	333622.35	0.0884	P	1.9
2	☐	1.000					
3	☐	10.000	-2.097	327450.60	0.0867	P	2.2
4	☐	50.000	49.809	487403.72	0.1291	P	1.5
5	☐	125.000	142.031	808964.91	0.2046	P	1.4
6	☐	250.000	268.039	1229035.38	0.3077	A	2.1
7	☐	500.000	556.897	2192983.25	0.5440	A	1.4
8	☐	1000.000	965.044	3590187.36	0.8779	A	1.9
9	☐			1027439.03	0.2597	A	2.8

$$y = 8.1806\text{E-}004 * x + 0.0884$$

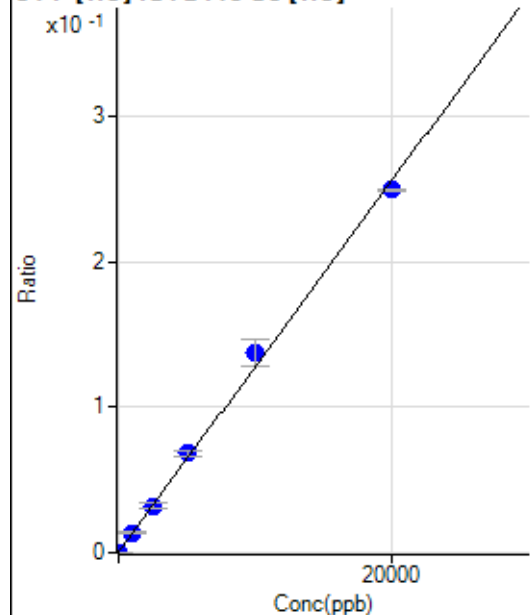
$$R = 0.9969$$

$$DL = 6.034$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-14.772	5.56	0.0001	P	173.2
2	☐	0.000					
3	☐	0.000	14.772	25.00	0.0005	P	33.3
4	☐	1000.000	1031.677	691.72	0.0134	P	10.9
5	☐	2500.000	2513.032	1739.08	0.0323	P	8.4
6	☐	5000.000	5330.836	3572.84	0.0682	P	5.2
7	☐	10000.000	10775.883	7366.12	0.1377	P	13.9
8	☐	20000.000	19526.136	13184.47	0.2492	P	0.7
9	☐			13.89	0.0003	P	92.1

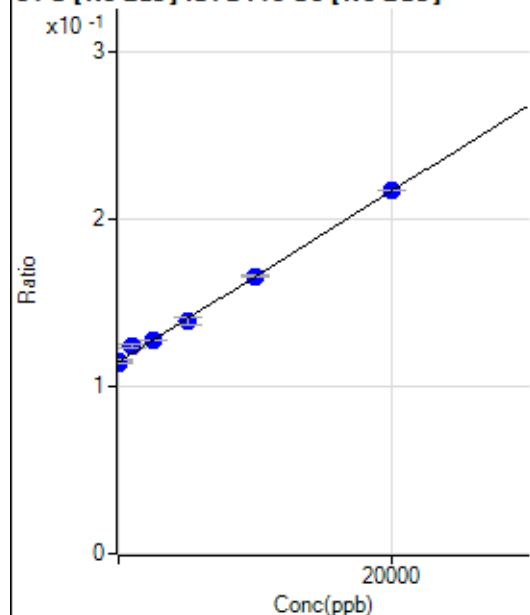
$$y = 1.2747\text{E-}005 * x + 2.9647\text{E-}004$$

$$R = 0.9987$$

$$DL = 41.02$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-115.562	430906.82	0.1142	P	1.4
2	☐	0.000					
3	☐	0.000	115.562	435752.77	0.1153	P	2.1
4	☐	1000.000	1802.558	467846.20	0.1240	P	1.8
5	☐	2500.000	2524.133	504794.09	0.1276	P	0.3
6	☐	5000.000	4762.664	555458.36	0.1391	P	3.6
7	☐	10000.000	10037.683	669495.92	0.1661	P	0.2
8	☐	20000.000	19997.348	887417.33	0.2170	P	0.1
9	☐			421936.09	0.1067	P	1.1

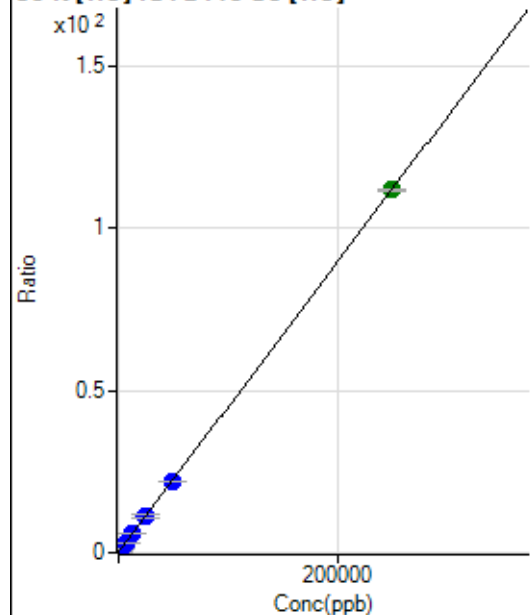
$$y = 5.1121\text{E-}006 * x + 0.1147$$

$$R = 0.9990$$

$$DL = 1177$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6054.36	0.1142	P	6.2
2	☐	50.000					
3	☐	500.000	462.442	16538.17	0.3204	P	2.3
4	☐	2500.000	2554.690	64308.59	1.2538	P	3.7
5	☐	6250.000	6249.847	156137.15	2.9022	P	1.6
6	☐	12500.000	12788.662	304120.29	5.8192	P	3.5
7	☐	25000.000	24809.141	599959.16	11.1816	P	8.9
8	☐	50000.000	49257.845	1168651.73	22.0882	P	0.5
9	☐	250000.00	250152.61	6072841.67	111.7081	A	0.2

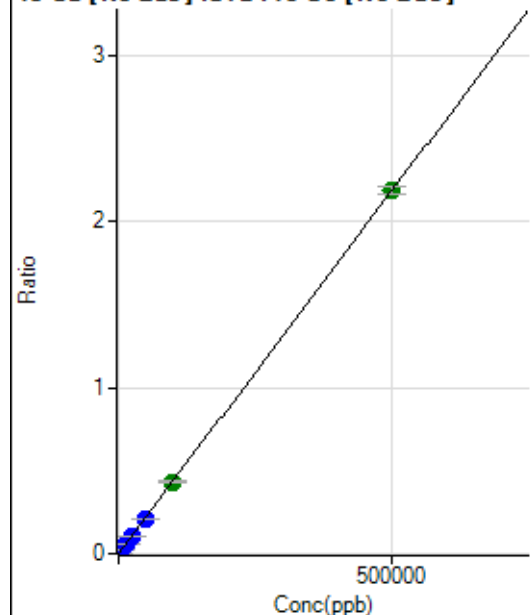
$$y = 4.4610\text{E-}004 * x + 0.1142$$

$$R = 1.0000$$

$$DL = 47.24$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	626.69	0.0002	P	5.9
2	☐	50.000					
3	☐	500.000	440.804	7887.90	0.0021	P	4.1
4	☐	5000.000	4877.311	80881.95	0.0214	P	1.2
5	☐	12500.000	12111.470	209413.22	0.0530	P	1.4
6	☐	25000.000	24253.124	422843.03	0.1059	P	3.2
7	☐	50000.000	48469.639	852400.25	0.2114	P	0.8
8	☐	100000.00	98593.691	1758261.33	0.4299	A	1.8
9	☐	500000.00	500482.64	8630082.02	2.1816	A	2.2

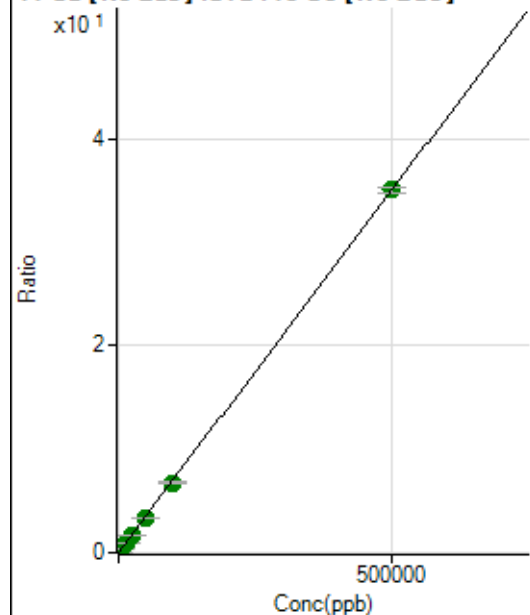
$$y = 4.3587E-006 * x + 1.6606E-004$$

$$R = 1.0000$$

$$DL = 6.689$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	54136.02	0.0143	P	2.4
2	☐	50.000					
3	☐	500.000	448.660	172951.32	0.0458	P	0.4
4	☐	5000.000	4966.618	1367095.25	0.3621	A	2.1
5	☐	12500.000	12273.779	3455335.89	0.8738	A	1.5
6	☐	25000.000	24086.079	6793076.57	1.7010	A	3.3
7	☐	50000.000	48420.679	13727546.18	3.4050	A	0.9
8	☐	100000.00	96624.815	27732444.03	6.7805	A	0.8
9	☐	500000.00	500884.70	138812660.1	35.0889	A	1.5

$$y = 7.0025E-005 * x + 0.0143$$

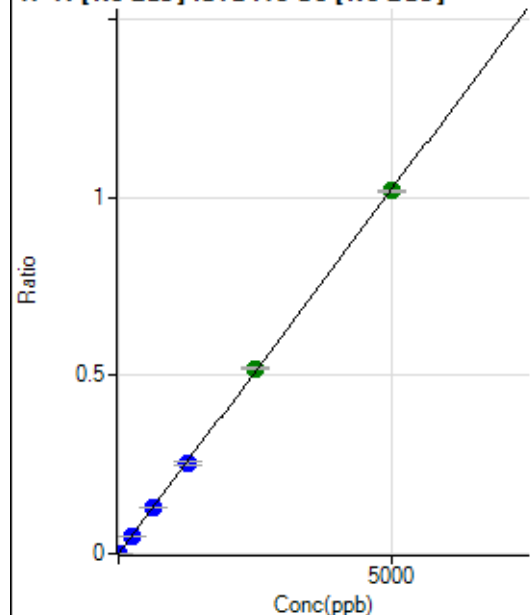
$$R = 1.0000$$

$$DL = 14.46$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.12	0.0000	P	24.8
2	☐	0.500					
3	☐	5.000	4.870	3875.72	0.0010	P	2.3
4	☐	250.000	250.076	193235.45	0.0512	P	0.2
5	☐	625.000	625.197	505888.14	0.1279	P	0.7
6	☐	1250.000	1238.843	1012184.00	0.2535	P	3.6
7	☐	2500.000	2543.561	2097960.72	0.5204	A	0.7
8	☐	5000.000	4980.981	4167712.37	1.0190	A	0.4
9	☐			1189.00	0.0003	P	4.7

$$y = 2.0457E-004 * x + 2.9366E-005$$

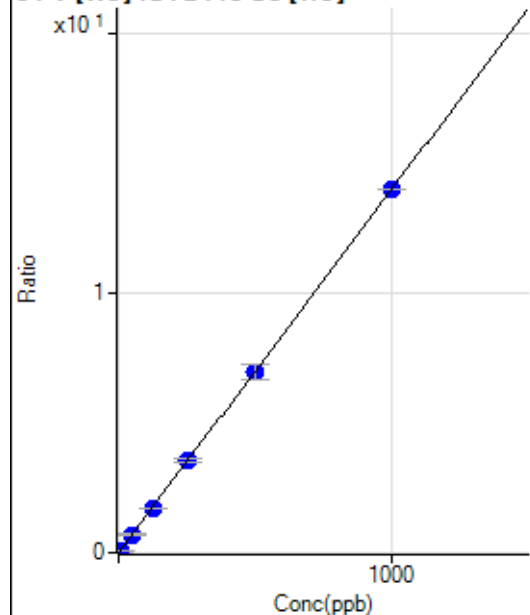
$$R = 0.9999$$

$$DL = 0.1067$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.33	0.0003	P	23.8
2	☐	0.500					
3	☐	5.000	4.946	3580.51	0.0694	P	4.1
4	☐	50.000	50.276	36057.76	0.7027	P	2.1
5	☐	125.000	124.059	93276.62	1.7337	P	0.6
6	☐	250.000	255.787	186786.04	3.5743	P	3.8
7	☐	500.000	498.559	373767.82	6.9664	P	9.0
8	☐	1000.000	999.378	738817.09	13.9642	P	0.1
9	☐			160.01	0.0029	P	14.2

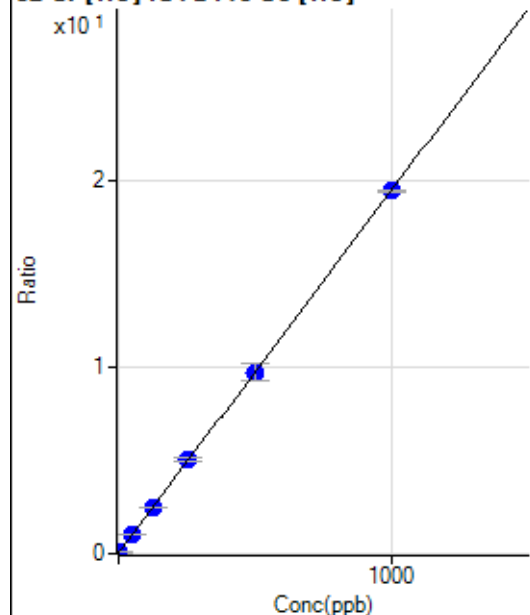
$$y = 0.0140 * x + 2.5050E-004$$

$$R = 1.0000$$

$$DL = 0.01282$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1529.00	0.0288	P	7.7
2	☐	0.200					
3	☐	2.000	1.910	3401.59	0.0659	P	1.9
4	☐	50.000	50.935	52232.03	1.0179	P	2.4
5	☐	125.000	124.663	131789.67	2.4496	P	1.4
6	☐	250.000	258.275	263600.73	5.0442	P	3.8
7	☐	500.000	498.951	521310.51	9.7178	P	9.2
8	☐	1000.000	998.451	1027335.59	19.4174	P	0.5
9	☐			17346.52	0.3191	P	1.2

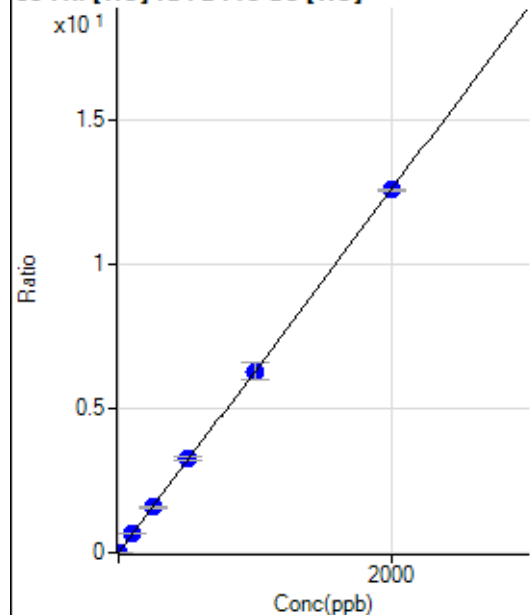
$$y = 0.0194 * x + 0.0288$$

$$R = 1.0000$$

$$DL = 0.3444$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	64.44	0.0012	P	24.3
2	☐	0.100					
3	☐	1.000	0.986	383.35	0.0074	P	20.1
4	☐	100.000	101.117	32740.80	0.6379	P	0.9
5	☐	250.000	248.539	84257.80	1.5661	P	1.3
6	☐	500.000	517.765	170411.56	3.2613	P	4.2
7	☐	1000.000	998.102	337179.87	6.2856	P	9.3
8	☐	2000.000	1996.635	665197.53	12.5728	P	0.5
9	☐			3857.26	0.0710	P	3.6

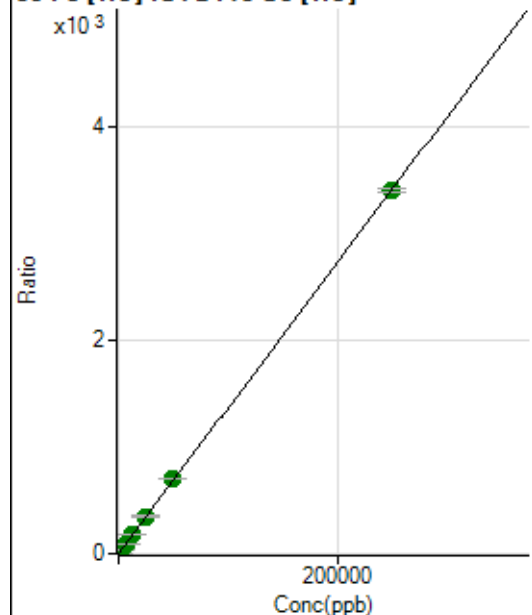
$$y = 0.0063 * x + 0.0012$$

$$R = 1.0000$$

$$DL = 0.1407$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3304.20	0.0622	P	5.1
2	☐	5.000					
3	☐	50.000	51.370	39304.05	0.7616	P	0.4
4	☐	2500.000	2688.963	1881512.54	36.6689	A	2.5
5	☐	6250.000	6476.181	4746841.54	88.2269	A	0.6
6	☐	12500.000	13283.177	9453228.34	180.8953	A	3.8
7	☐	25000.000	25636.214	18727078.66	349.0656	A	9.1
8	☐	50000.000	51498.018	37095863.79	701.1401	A	0.7
9	☐	250000.00	249590.07	184711722.6	3,397.903	A	0.9

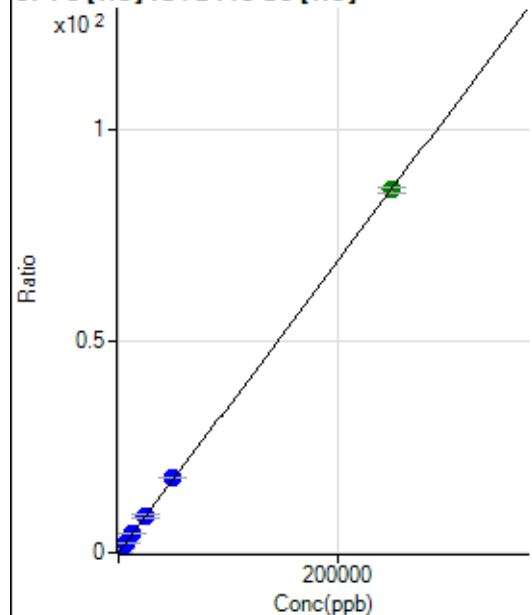
$$y = 0.0136 * x + 0.0622$$

$$R = 1.0000$$

$$DL = 0.6929$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	96.30	0.0018	P	35.8
2	☐	5.000					
3	☐	50.000	55.111	1072.30	0.0208	P	7.1
4	☐	2500.000	2588.069	45742.22	0.8916	P	2.8
5	☐	6250.000	6462.655	119636.96	2.2237	P	1.5
6	☐	12500.000	13232.978	237827.80	4.5514	P	4.1
7	☐	25000.000	25609.254	472277.37	8.8064	P	9.6
8	☐	50000.000	51482.652	936563.61	17.7018	P	0.5
9	☐	250000.00	249599.69	4664866.42	85.8153	A	1.5

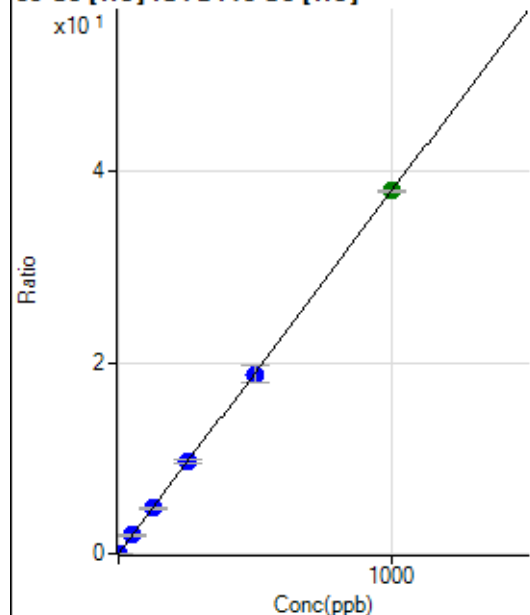
$$y = 3.4380E-004 * x + 0.0018$$

$$R = 1.0000$$

$$DL = 5.693$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	106.67	0.0020	P	26.6
2	☐	0.100					
3	☐	1.000	0.940	1945.73	0.0377	P	2.9
4	☐	50.000	50.361	98264.91	1.9148	P	1.2
5	☐	125.000	125.292	256126.56	4.7607	P	1.3
6	☐	250.000	256.526	509230.73	9.7451	P	4.0
7	☐	500.000	495.521	1009376.72	18.8222	P	9.7
8	☐	1000.000	1000.554	2010688.13	38.0037	A	0.9
9	☐			24321.41	0.4474	P	1.5

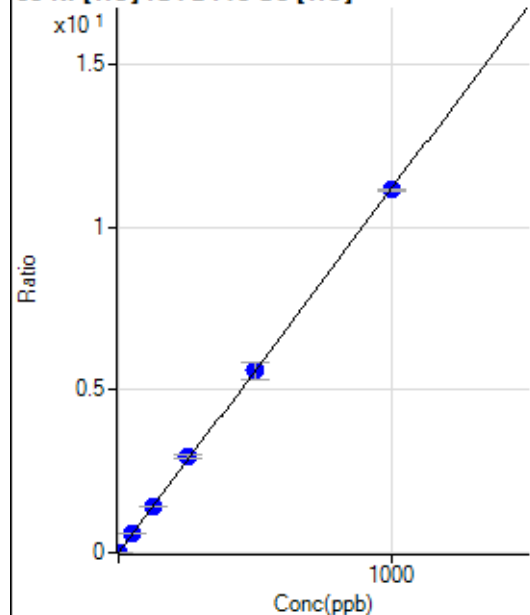
$$y = 0.0380 * x + 0.0020$$

$$R = 1.0000$$

$$DL = 0.04237$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	87.78	0.0017	P	15.4
2	☐	0.100					
3	☐	1.000	0.983	652.25	0.0126	P	8.0
4	☐	50.000	51.534	29668.47	0.5782	P	2.3
5	☐	125.000	127.100	76601.49	1.4237	P	0.4
6	☐	250.000	262.075	153297.81	2.9339	P	4.4
7	☐	500.000	500.557	300425.98	5.6022	P	9.7
8	☐	1000.000	996.364	589901.62	11.1495	P	0.2
9	☐			11372.61	0.2092	P	2.1

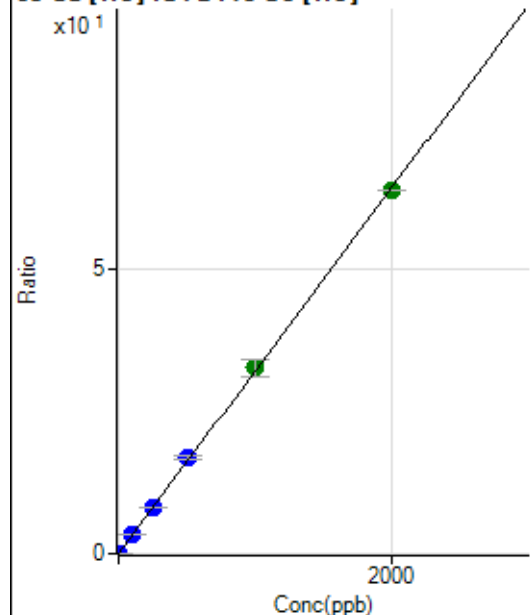
$$y = 0.0112 * x + 0.0017$$

$$R = 0.9999$$

$$DL = 0.06842$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	323.34	0.0061	P	15.6
2	☐	0.200					
3	☐	2.000	1.839	3367.13	0.0653	P	2.4
4	☐	100.000	103.024	170336.72	3.3195	P	1.8
5	☐	250.000	254.315	440362.77	8.1852	P	1.4
6	☐	500.000	524.520	881838.01	16.8754	P	3.9
7	☐	1000.000	1016.225	1752790.42	32.6893	A	9.9
8	☐	2000.000	1985.067	3378107.24	63.8486	A	0.1
9	☐			5108.80	0.0940	P	1.4

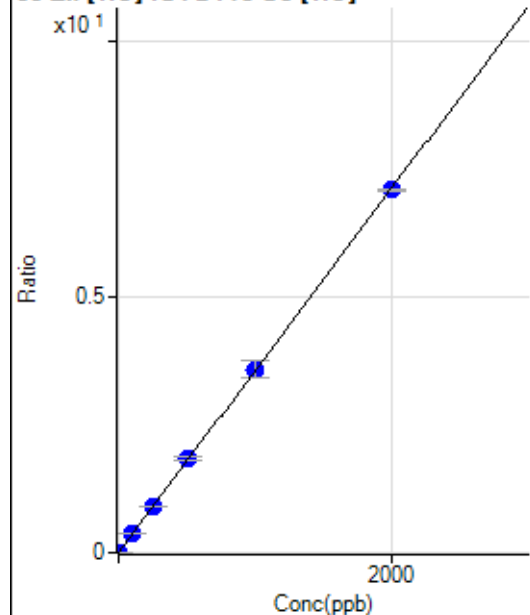
$$y = 0.0322 * x + 0.0061$$

$$R = 0.9999$$

$$DL = 0.08871$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	140.00	0.0026	P	13.0
2	☐	0.200					
3	☐	2.000	2.152	531.13	0.0103	P	7.5
4	☐	100.000	102.204	18796.31	0.3662	P	1.0
5	☐	250.000	253.370	48626.35	0.9039	P	2.1
6	☐	500.000	517.730	96362.94	1.8442	P	4.3
7	☐	1000.000	1005.828	192014.20	3.5804	P	9.7
8	☐	2000.000	1992.122	375043.51	7.0886	P	0.3
9	☐			3819.48	0.0703	P	1.9

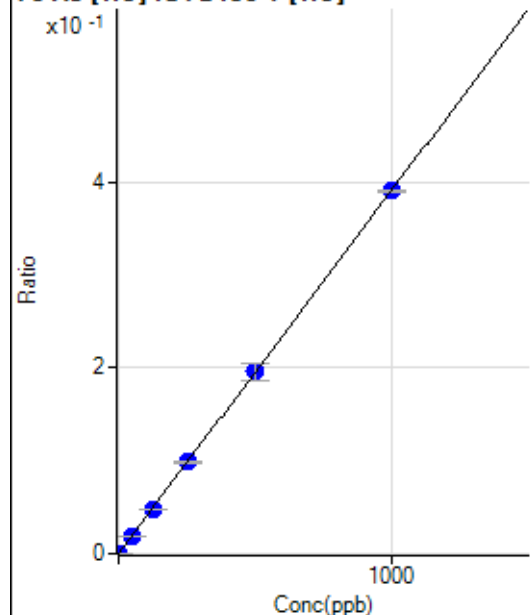
$$y = 0.0036 * x + 0.0026$$

$$R = 1.0000$$

$$DL = 0.2893$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.17	0.0000	P	64.3
2	☐	0.100					
3	☐	1.000	1.096	147.53	0.0004	P	21.5
4	☐	50.000	50.041	6465.16	0.0196	P	0.8
5	☐	125.000	122.836	16690.42	0.0480	P	1.2
6	☐	250.000	252.228	33702.15	0.0985	P	3.0
7	☐	500.000	500.778	67485.32	0.1955	P	9.6
8	☐	1000.000	999.323	134558.10	0.3901	P	0.5
9	☐			208.64	0.0006	P	1.3

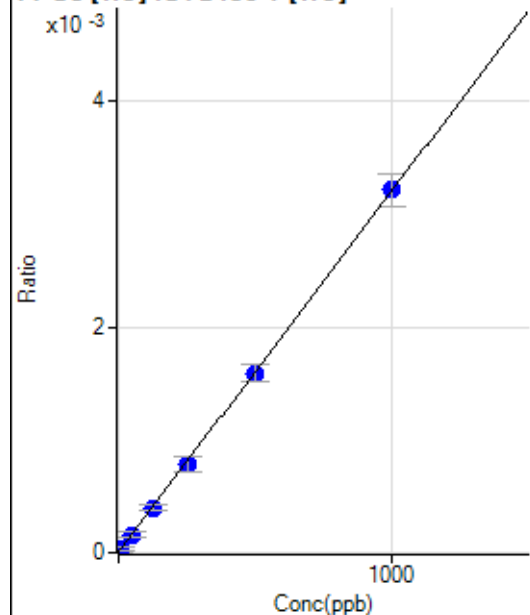
$$y = 3.9033\text{E-}004 * x + 1.8500\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.09142$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	7.489	10.00	0.0000	P	116.9
4	☐	50.000	47.315	52.22	0.0002	P	29.9
5	☐	125.000	122.724	138.89	0.0004	P	15.4
6	☐	250.000	242.963	267.79	0.0008	P	15.6
7	☐	500.000	496.158	550.02	0.0016	P	10.3
8	☐	1000.000	1004.087	1110.07	0.0032	P	9.0
9	☐			2.22	0.0000	P	86.6

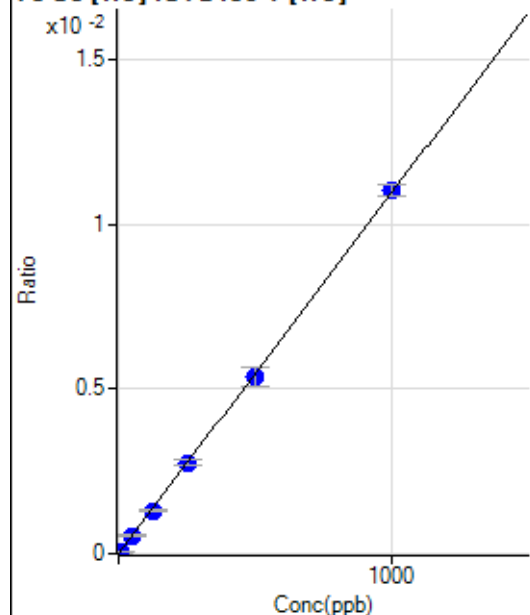
$$y = 3.1973\text{E-}006 * x + 6.6776\text{E-}006$$

$$R = 1.0000$$

$$DL = 5.428$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.47	0.0000	P	39.8
2	☐	0.500					
3	☐	5.000	5.963	24.07	0.0001	P	29.1
4	☐	50.000	49.595	182.10	0.0005	P	13.6
5	☐	125.000	117.555	450.01	0.0013	P	3.6
6	☐	250.000	251.096	942.63	0.0028	P	6.7
7	☐	500.000	491.034	1855.08	0.0054	P	11.1
8	☐	1000.000	1005.155	3795.00	0.0110	P	3.1
9	☐			3.09	0.0000	P	91.8

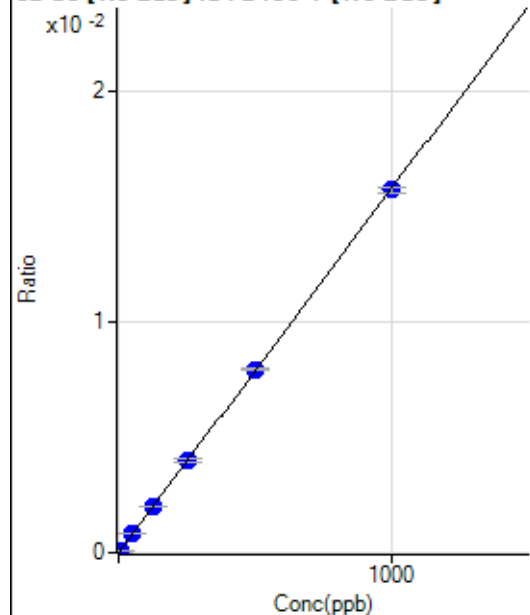
$$y = 1.0939\text{E-}005 * x + 7.2211\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.7872$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-123.31	0.0000	P	-5.8
2	☐	0.500					
3	☐	5.000	4.958	337.26	0.0001	P	10.6
4	☐	50.000	51.622	4624.82	0.0008	P	1.9
5	☐	125.000	125.855	12137.01	0.0020	P	1.8
6	☐	250.000	253.412	24846.13	0.0040	P	2.5
7	☐	500.000	504.022	49921.21	0.0079	P	0.9
8	☐	1000.000	996.948	100957.95	0.0157	P	1.4
9	☐			-36.18	0.0000	P	-194.

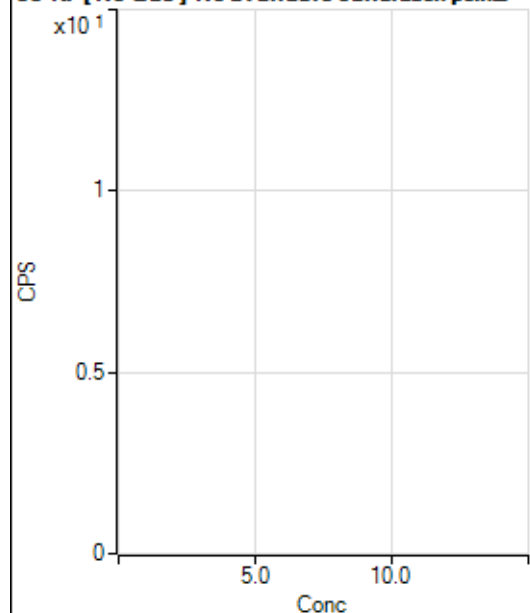
$$y = 1.5811\text{E-}005 * x - 2.1009\text{E-}005$$

$$R = 1.0000$$

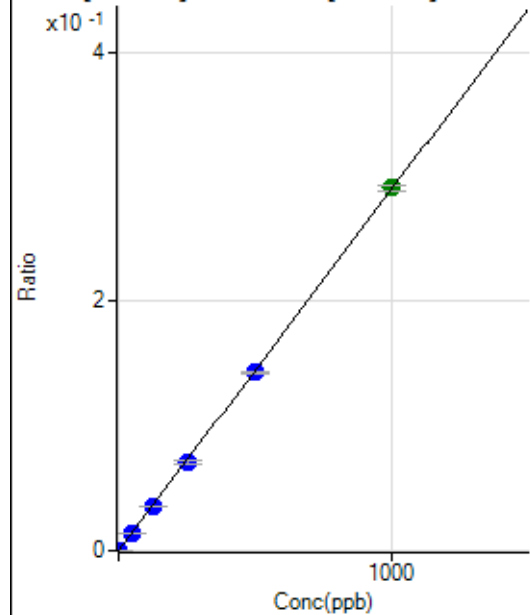
$$DL = 0.2326$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			753.37		P	1.6
2	☐						
3	☐			727.81		P	2.2
4	☐			728.92		P	5.5
5	☐			723.37		P	7.9
6	☐			742.25		P	3.2
7	☐			764.48		P	3.4
8	☐			710.03		P	7.3
9	☐			763.37		P	1.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	975.08	0.0002	P	4.5
2	☐	0.100					
3	☐	1.000	0.867	2450.35	0.0004	P	4.5
4	☐	50.000	49.504	84394.17	0.0145	P	0.7
5	☐	125.000	122.762	220326.78	0.0357	P	0.9
6	☐	250.000	244.693	443038.43	0.0711	P	2.9
7	☐	500.000	493.618	899489.36	0.1432	P	0.8
8	☐	1000.000	1004.823	1868495.03	0.2914	A	1.9
9	☐			8811.61	0.0014	P	3.3

$$y = 2.8979\text{E-}004 * x + 1.6621\text{E-}004$$

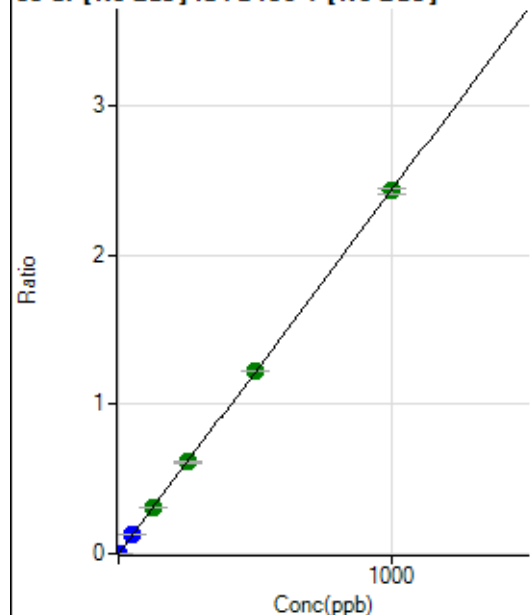
$$R = 1.0000$$

$$DL = 0.07823$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	37.7
2	☐	0.100					
3	☐	1.000	0.912	13098.52	0.0022	P	3.0
4	☐	50.000	50.682	718604.37	0.1236	P	0.7
5	☐	125.000	126.903	1907283.14	0.3094	A	0.7
6	☐	250.000	251.616	3823586.63	0.6134	A	2.9
7	☐	500.000	501.898	7685355.30	1.2236	A	0.6
8	☐	1000.000	998.375	15609133.33	2.4339	A	1.9
9	☐			68363.67	0.0111	P	1.4

$$y = 0.0024 * x + 9.9426E-006$$

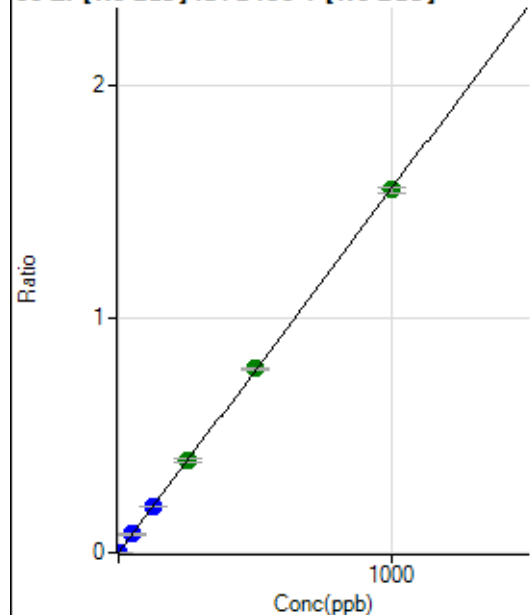
$$R = 1.0000$$

$$DL = 0.004611$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	508.37	0.0001	P	14.9
2	☐	0.100					
3	☐	1.000	0.928	8981.12	0.0015	P	0.5
4	☐	50.000	50.274	455356.57	0.0783	P	0.7
5	☐	125.000	124.956	1198955.06	0.1945	P	1.0
6	☐	250.000	252.002	2443815.31	0.3922	A	4.0
7	☐	500.000	505.781	4942956.80	0.7870	A	1.3
8	☐	1000.000	996.601	9945077.22	1.5506	A	1.4
9	☐			4075.79	0.0007	P	5.1

$$y = 0.0016 * x + 8.6564E-005$$

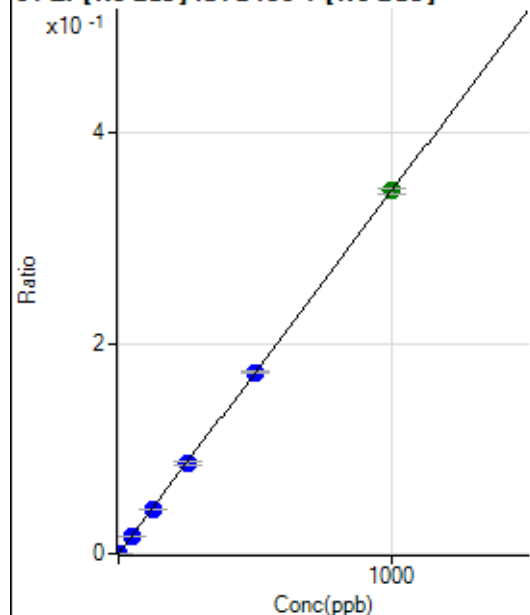
$$R = 1.0000$$

$$DL = 0.02486$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	83.34	0.0000	P	35.5
2	☐	0.100					
3	☐	1.000	1.009	2119.73	0.0004	P	4.0
4	☐	50.000	49.643	99504.54	0.0171	P	0.8
5	☐	125.000	123.850	263031.08	0.0427	P	0.5
6	☐	250.000	246.829	529801.15	0.0850	P	4.2
7	☐	500.000	500.567	1082831.76	0.1724	P	1.3
8	☐	1000.000	1000.671	2210255.52	0.3446	A	1.7
9	☐			961.19	0.0002	P	12.9

$$y = 3.4439\text{E-}004 * x + 1.4174\text{E-}005$$

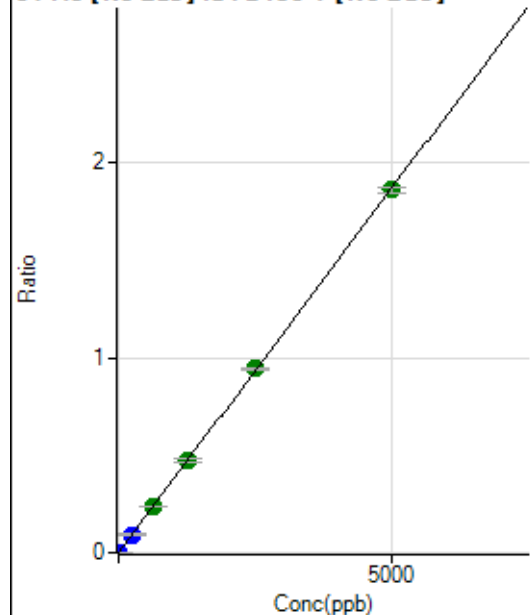
$$R = 1.0000$$

$$DL = 0.04382$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	175.01	0.0000	P	22.9
2	☐	0.500					
3	☐	5.000	4.800	10688.01	0.0018	P	3.7
4	☐	250.000	250.524	543871.99	0.0935	P	0.6
5	☐	625.000	628.268	1445637.19	0.2345	A	1.5
6	☐	1250.000	1268.974	2951735.53	0.4736	A	3.6
7	☐	2500.000	2528.316	5926453.34	0.9436	A	1.2
8	☐	5000.000	4980.664	11920713.55	1.8588	A	1.9
9	☐			7641.34	0.0012	P	0.6

$$y = 3.7319\text{E-}004 * x + 2.9873\text{E-}005$$

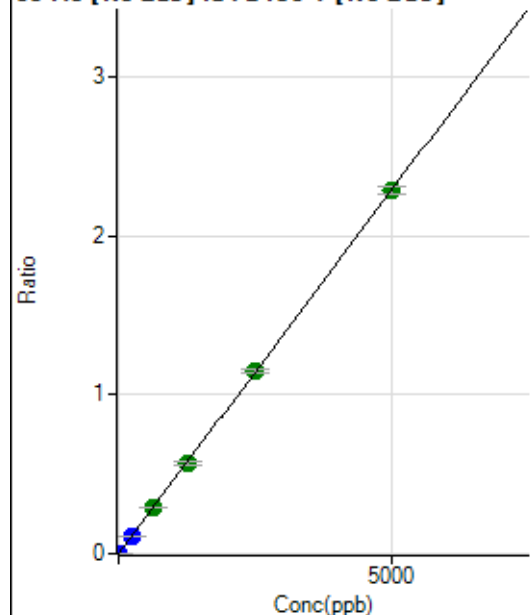
$$R = 1.0000$$

$$DL = 0.05501$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	41.67	0.0000	P	19.6
2	☐	0.500					
3	☐	5.000	4.786	12873.23	0.0022	P	1.7
4	☐	250.000	249.976	664685.00	0.1143	P	0.8
5	☐	625.000	626.298	1765230.12	0.2864	A	1.1
6	☐	1250.000	1253.265	3571087.49	0.5730	A	3.8
7	☐	2500.000	2515.487	7223629.24	1.1501	A	1.3
8	☐	5000.000	4991.279	14634817.51	2.2821	A	2.1
9	☐			10062.54	0.0016	P	2.5

$$y = 4.5721\text{E-}004 * x + 7.0982\text{E-}006$$

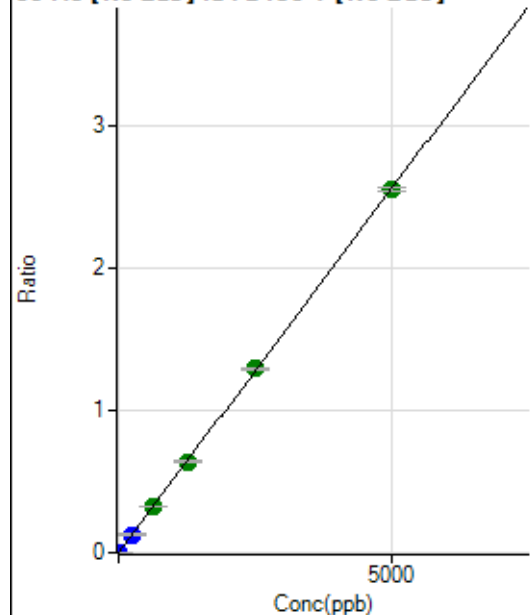
$$R = 1.0000$$

$$DL = 0.009121$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	75.00	0.0000	P	22.4
2	☐	0.500					
3	☐	5.000	4.727	14216.45	0.0024	P	4.7
4	☐	250.000	250.864	744788.47	0.1281	P	1.0
5	☐	625.000	628.079	1976674.76	0.3206	A	0.4
6	☐	1250.000	1254.077	3990115.37	0.6402	A	3.5
7	☐	2500.000	2527.619	8104465.55	1.2904	A	1.2
8	☐	5000.000	4984.743	16320952.62	2.5447	A	1.1
9	☐			12528.57	0.0020	P	2.5

$$y = 5.1050\text{E-}004 * x + 1.2790\text{E-}005$$

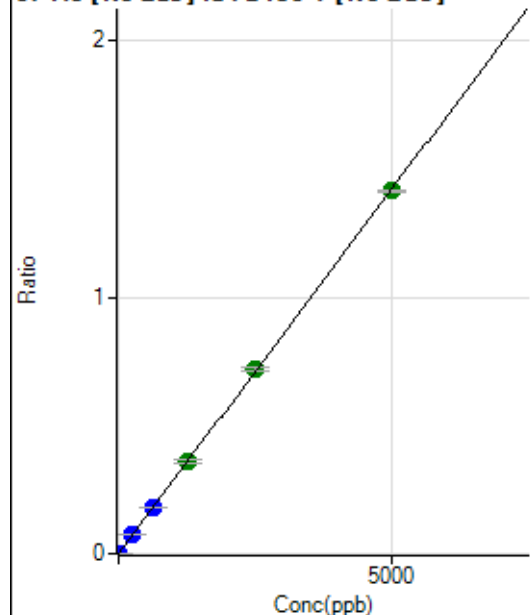
$$R = 1.0000$$

$$DL = 0.01687$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.90	0.0000	P	15.8
2	☐	0.500					
3	☐	5.000	4.795	8175.07	0.0014	P	2.2
4	☐	250.000	255.202	421790.64	0.0725	P	0.9
5	☐	625.000	625.337	1095272.85	0.1777	P	1.6
6	☐	1250.000	1260.145	2231192.82	0.3580	A	4.0
7	☐	2500.000	2531.740	4517554.92	0.7193	A	1.5
8	☐	5000.000	4981.292	9076705.76	1.4152	A	0.8
9	☐			6526.87	0.0011	P	1.8

$$y = 2.8409\text{E-}004 * x + 3.2164\text{E-}005$$

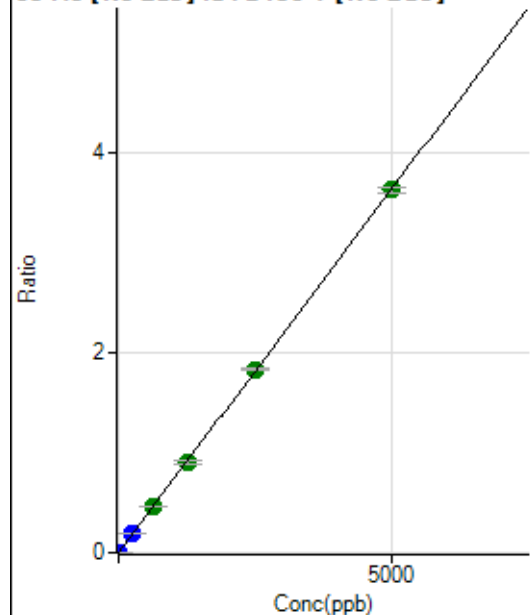
$$R = 1.0000$$

$$DL = 0.05364$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	1.0
2	☐	0.500					
3	☐	5.000	4.632	19832.04	0.0034	P	0.8
4	☐	250.000	252.194	1068033.95	0.1836	P	0.2
5	☐	625.000	629.137	2823953.60	0.4581	A	1.6
6	☐	1250.000	1239.833	5626148.48	0.9028	A	3.9
7	☐	2500.000	2520.061	11525351.82	1.8350	A	1.1
8	☐	5000.000	4991.885	23311724.83	3.6349	A	1.6
9	☐			16324.40	0.0027	P	1.6

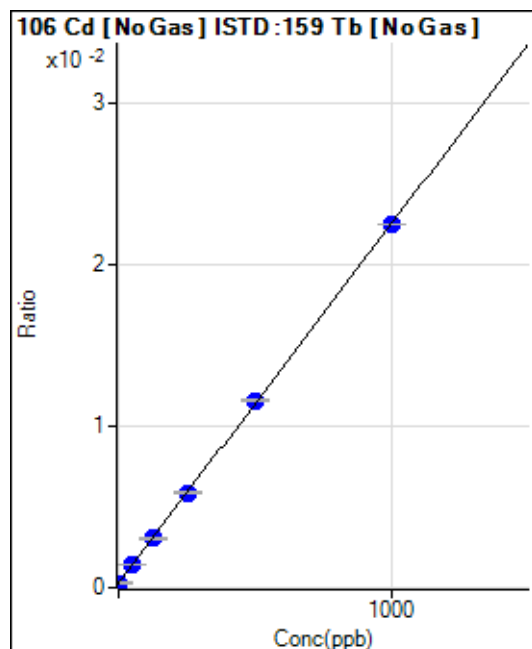
$$y = 7.2816\text{E-}004 * x + 8.5218\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.0003679$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1780.76	0.0003	P	3.7
2	☐	0.100					
3	☐	1.000	0.376	1811.32	0.0003	P	4.7
4	☐	50.000	50.136	8700.42	0.0014	P	0.7
5	☐	125.000	124.706	20221.57	0.0031	P	1.8
6	☐	250.000	251.267	39793.03	0.0059	P	2.7
7	☐	500.000	506.637	79406.13	0.0116	P	0.9
8	☐	1000.000	996.396	158256.07	0.0225	P	0.1
9	☐			1872.45	0.0003	P	13.0

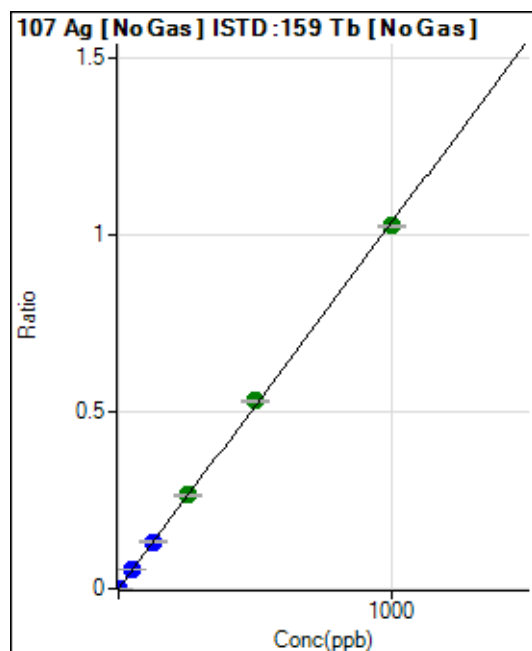
$$y = 2.2254\text{E-}005 * x + 2.8551\text{E-}004$$

$$R = 1.0000$$

$$DL = 1.423$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	6.3
2	☐	0.100					
3	☐	1.000	0.990	6410.17	0.0010	P	4.3
4	☐	50.000	52.746	338943.71	0.0546	P	0.4
5	☐	125.000	128.679	879712.07	0.1332	P	1.3
6	☐	250.000	256.631	1798232.46	0.2655	A	1.7
7	☐	500.000	512.820	3644622.13	0.5306	A	1.0
8	☐	1000.000	991.335	7227344.52	1.0257	A	0.4
9	☐			644.49	0.0001	P	17.1

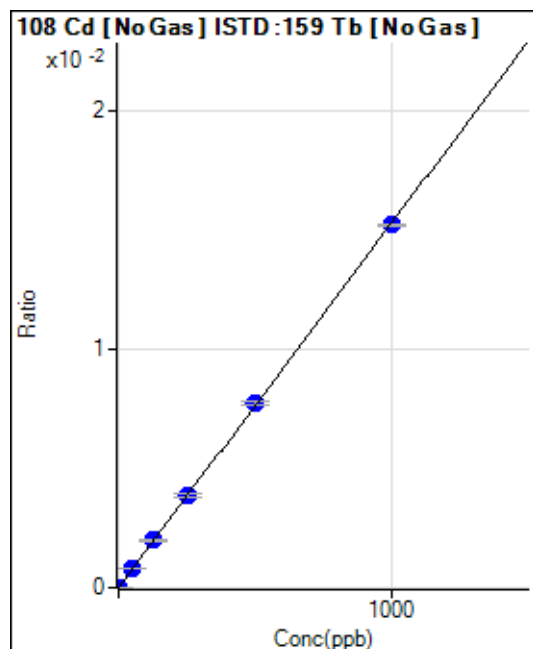
$$y = 0.0010 * x + 1.4257\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.002617$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.56	0.0000	P	42.2
2	☐	0.100					
3	☐	1.000	0.839	84.73	0.0000	P	11.1
4	☐	50.000	52.476	4988.53	0.0008	P	1.2
5	☐	125.000	129.268	13066.33	0.0020	P	3.6
6	☐	250.000	253.240	26227.26	0.0039	P	3.4
7	☐	500.000	506.059	53167.36	0.0077	P	2.2
8	☐	1000.000	995.503	107288.96	0.0152	P	0.7
9	☐			29.16	0.0000	P	25.0

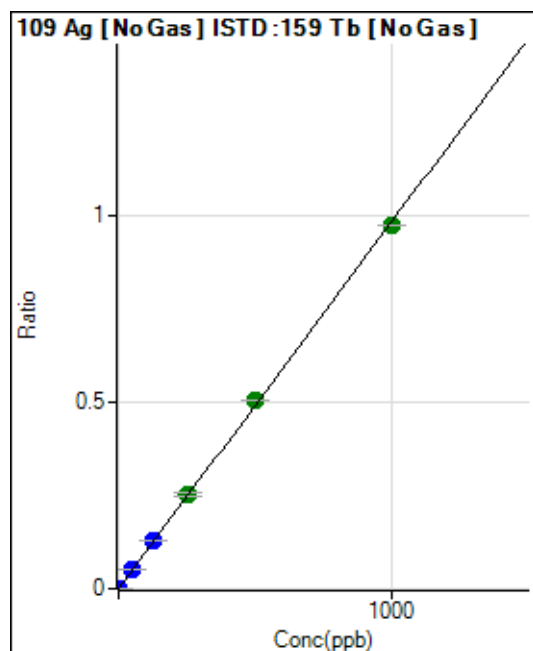
$$y = 1.5294\text{E-}005 * x + 8.8848\text{E-}007$$

$$R = 1.0000$$

$$DL = 0.07348$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	42.2
2	☐	0.100					
3	☐	1.000	1.007	6146.17	0.0010	P	1.9
4	☐	50.000	52.675	321274.78	0.0517	P	0.2
5	☐	125.000	129.731	841913.95	0.1274	P	1.2
6	☐	250.000	258.954	1721813.27	0.2544	A	3.7
7	☐	500.000	515.256	3476471.91	0.5061	A	0.2
8	☐	1000.000	989.409	6847666.91	0.9718	A	0.2
9	☐			552.81	0.0001	P	2.1

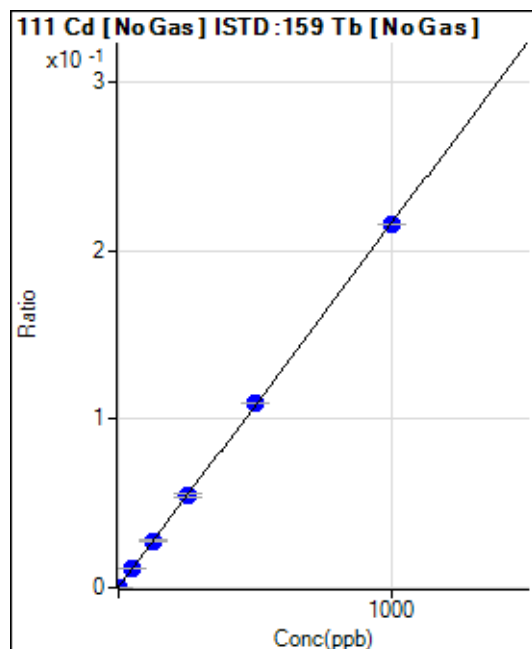
$$y = 9.8221\text{E-}004 * x + 7.1068\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.009169$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1246.81	0.0002	P	3.7
2	☐	0.100					
3	☐	1.000	0.919	2455.92	0.0004	P	2.2
4	☐	50.000	51.944	70880.42	0.0114	P	1.0
5	☐	125.000	127.856	183707.48	0.0278	P	1.0
6	☐	250.000	253.020	371212.06	0.0548	P	3.0
7	☐	500.000	505.980	751766.91	0.1094	P	0.2
8	☐	1000.000	995.801	1516325.79	0.2152	P	0.2
9	☐			1452.80	0.0002	P	10.7

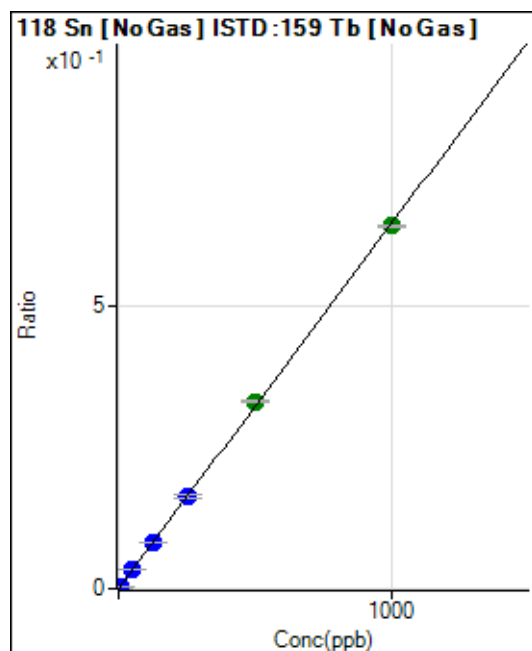
$$y = 2.1590\text{E-}004 * x + 1.9990\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.1024$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	408.36	0.0001	P	10.1
2	☐	0.500					
3	☐	5.000	4.805	19528.85	0.0032	P	1.6
4	☐	50.000	50.781	203837.56	0.0328	P	0.9
5	☐	125.000	125.979	537407.36	0.0813	P	1.6
6	☐	250.000	252.818	1104789.58	0.1632	P	2.7
7	☐	500.000	511.209	2265893.13	0.3299	A	0.9
8	☐	1000.000	993.530	4516978.01	0.6410	A	0.7
9	☐			3759.03	0.0006	P	3.3

$$y = 6.4516\text{E-}004 * x + 6.5503\text{E-}005$$

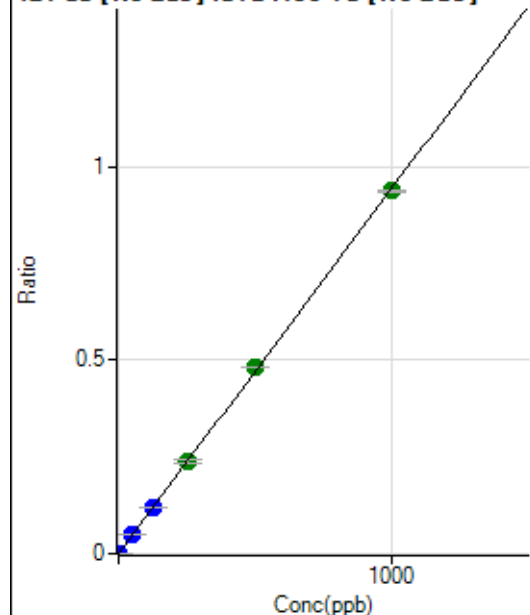
$$R = 0.9999$$

$$DL = 0.0307$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	36.1
2	☐	0.200					
3	☐	2.000	1.812	10599.10	0.0017	P	2.7
4	☐	50.000	50.484	295364.86	0.0476	P	0.2
5	☐	125.000	125.518	781341.89	0.1183	P	1.0
6	☐	250.000	252.361	1609574.18	0.2378	A	3.6
7	☐	500.000	510.465	3303532.69	0.4809	A	0.5
8	☐	1000.000	994.088	6599047.89	0.9365	A	0.4
9	☐			8656.07	0.0013	P	8.8

$$y = 9.4209\text{E-}004 * x + 1.1122\text{E-}005$$

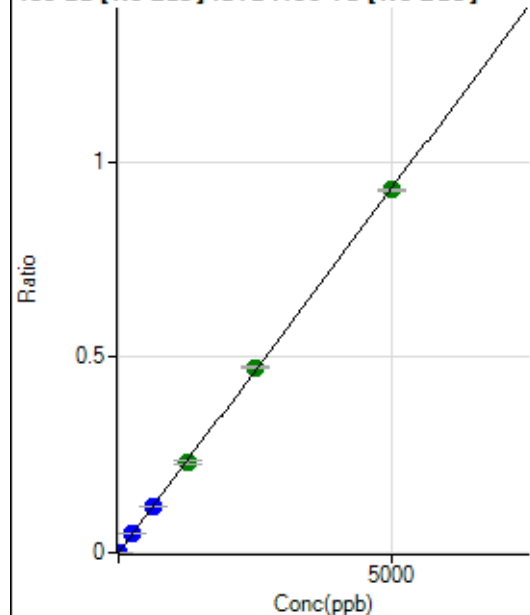
$$R = 0.9999$$

$$DL = 0.0128$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	42.2
2	☐	1.000					
3	☐	10.000	9.760	11235.90	0.0018	P	0.9
4	☐	250.000	255.040	294953.46	0.0475	P	1.5
5	☐	625.000	631.986	777756.19	0.1177	P	1.3
6	☐	1250.000	1246.281	1571595.69	0.2321	A	3.2
7	☐	2500.000	2537.383	3246457.19	0.4726	A	1.0
8	☐	5000.000	4981.113	6537358.83	0.9278	A	0.5
9	☐			827.85	0.0001	P	8.0

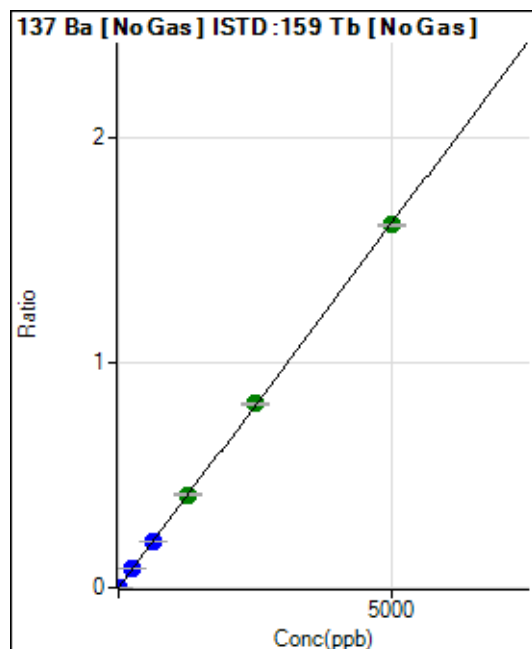
$$y = 1.8626\text{E-}004 * x + 3.5534\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.02417$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	52.78	0.0000	P	18.1
2	☐	1.000					
3	☐	10.000	9.510	19061.78	0.0031	P	2.1
4	☐	250.000	254.671	512399.29	0.0825	P	0.2
5	☐	625.000	631.947	1352930.66	0.2048	P	0.8
6	☐	1250.000	1276.881	2800995.09	0.4137	A	3.4
7	☐	2500.000	2525.109	5620288.75	0.8182	A	0.4
8	☐	5000.000	4979.624	11369054.60	1.6135	A	0.2
9	☐			1622.39	0.0002	P	2.3

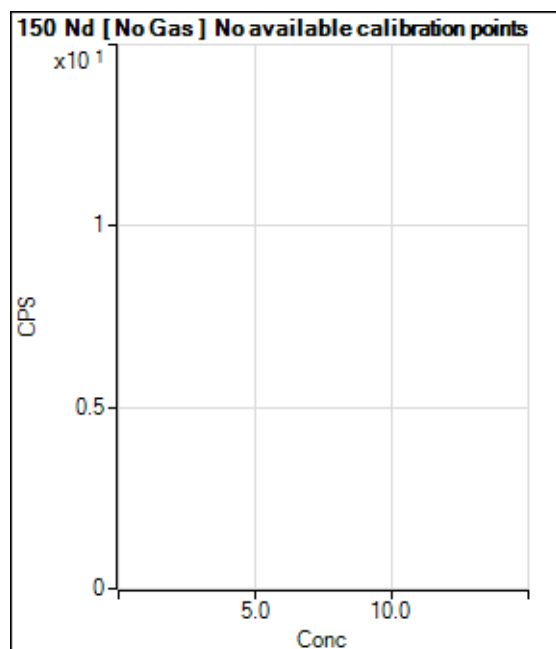
$$y = 3.2401\text{E-}004 * x + 8.4613\text{E-}006$$

$$R = 1.0000$$

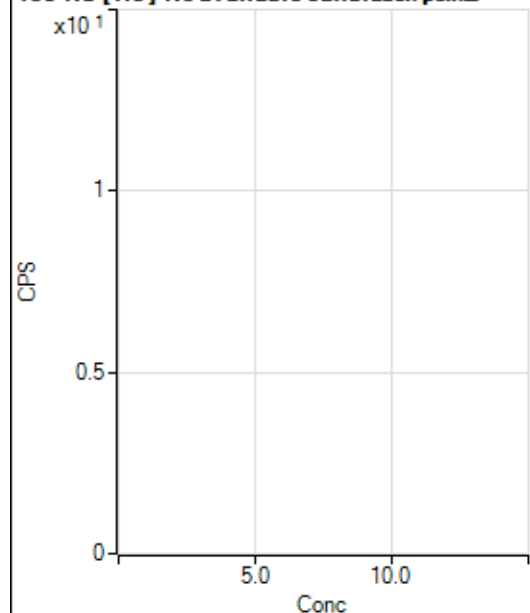
$$DL = 0.01422$$

Weight: <None>

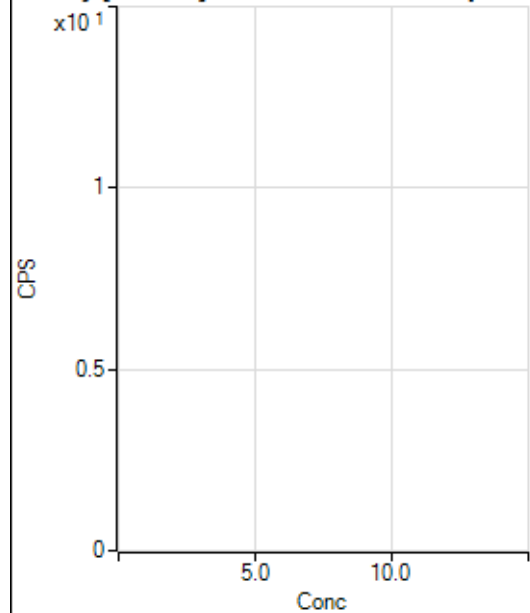
Min Conc: 0



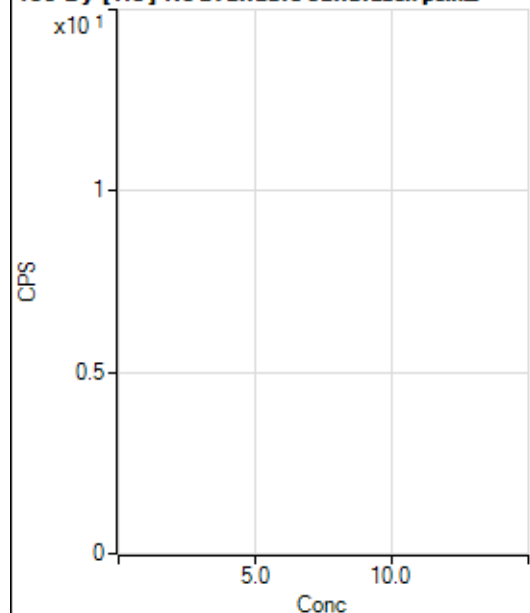
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	50.0
2	☐						
3	☐			6.67		P	100.0
4	☐			15.56		P	65.5
5	☐			40.00		P	33.3
6	☐			80.00		P	41.7
7	☐			108.89		P	15.4
8	☐			220.01		P	10.5
9	☐			122.23		P	22.0

150 Nd [He] No available calibration points

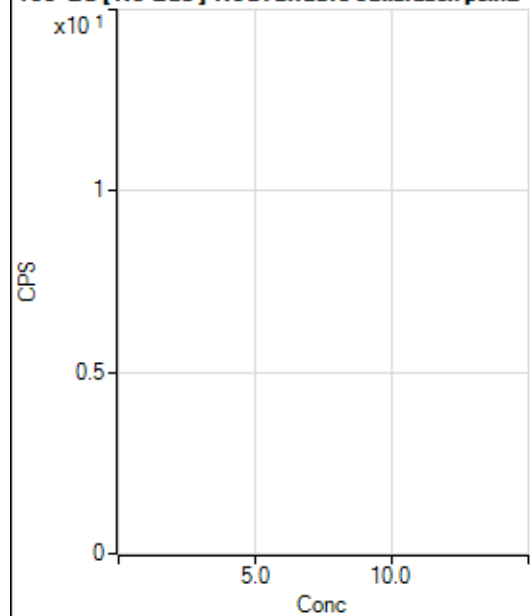
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.2
4	☐			0.00		P	
5	☐			1.11		P	173.2
6	☐			5.56		P	34.7
7	☐			4.45		P	86.6
8	☐			13.34		P	86.6
9	☐			25.55		P	27.1

156 Dy [No Gas] No available calibration points

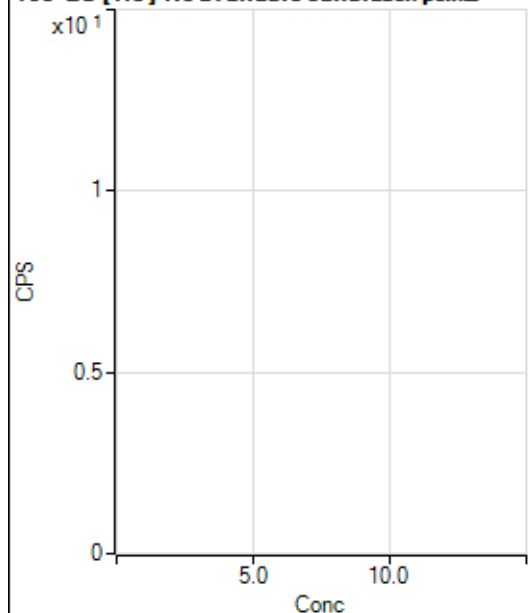
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	173.2
2	☐						
3	☐			19.44		P	49.5
4	☐			30.56		P	31.5
5	☐			30.55		P	15.7
6	☐			33.33		P	25.0
7	☐			47.22		P	36.7
8	☐			108.34		P	33.5
9	☐			50.00		P	16.7

156 Dy [He] No available calibration points

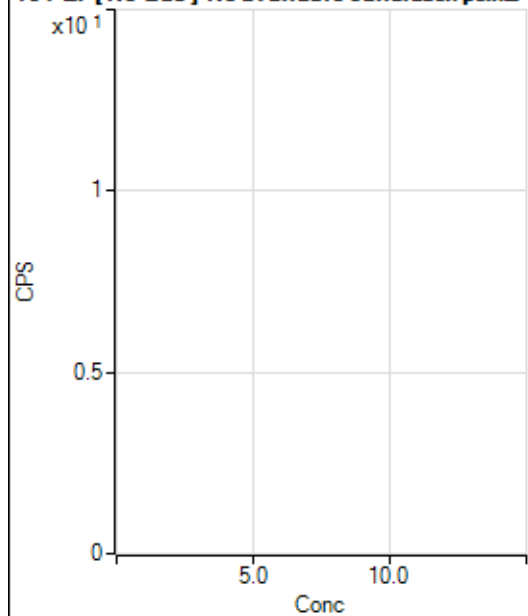
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.2
4	☐			1.11		P	173.2
5	☐			2.22		P	173.2
6	☐			6.66		P	86.6
7	☐			5.55		P	124.9
8	☐			6.67		P	86.6
9	☐			8.89		P	43.3

160 Gd [No Gas] Noavailable calibration poin_

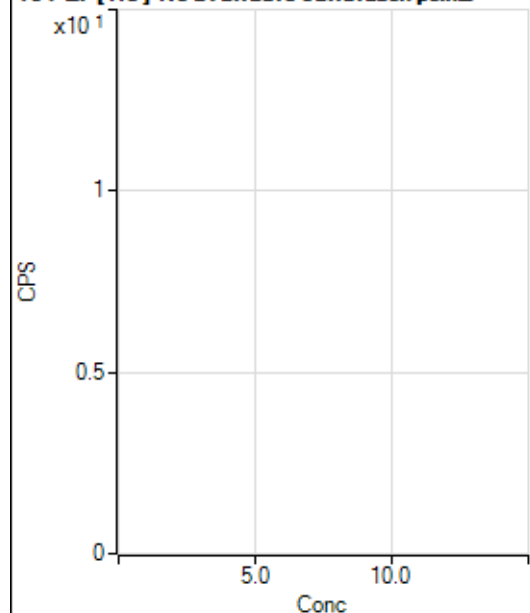
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	68.9
2	☐						
3	☐			52.78		P	39.7
4	☐			44.44		P	60.3
5	☐			77.78		P	44.6
6	☐			55.56		P	34.6
7	☐			69.45		P	18.3
8	☐			38.89		P	12.4
9	☐			108.34		P	13.3

160 Gd [He] No available calibration points

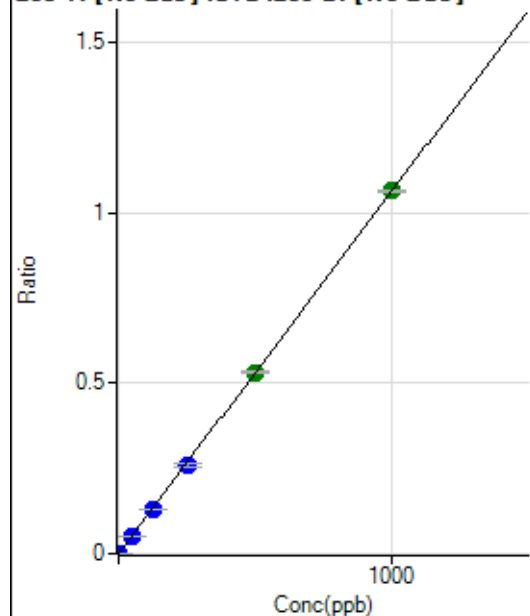
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	57.3
2	☐						
3	☐			6.66		P	86.6
4	☐			17.78		P	60.3
5	☐			7.78		P	24.7
6	☐			22.22		P	31.2
7	☐			17.78		P	21.7
8	☐			11.11		P	62.5
9	☐			18.89		P	36.7

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	99.0
2	☐						
3	☐			47.22		P	10.2
4	☐			30.56		P	31.5
5	☐			25.00		P	33.3
6	☐			25.00		P	33.3
7	☐			27.78		P	75.5
8	☐			47.23		P	20.4
9	☐			19.45		P	24.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			4.44		P	43.4
2	☐						
3	☐			6.67		P	132.3
4	☐			4.44		P	43.4
5	☐			5.56		P	34.7
6	☐			11.11		P	17.3
7	☐			4.45		P	86.6
8	☐			4.44		P	43.4
9	☐			11.11		P	45.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0000	P	46.1
2	☐	0.100					
3	☐	1.000	0.877	3492.33	0.0009	P	1.7
4	☐	50.000	48.984	193003.27	0.0521	P	1.4
5	☐	125.000	122.787	518798.81	0.1306	P	0.4
6	☐	250.000	244.332	1054524.28	0.2599	P	3.1
7	☐	500.000	499.669	2197495.99	0.5316	A	1.2
8	☐	1000.000	1001.910	4471590.81	1.0659	A	0.8
9	☐			1627.96	0.0004	P	13.3

$$y = 0.0011 * x + 7.5443E-006$$

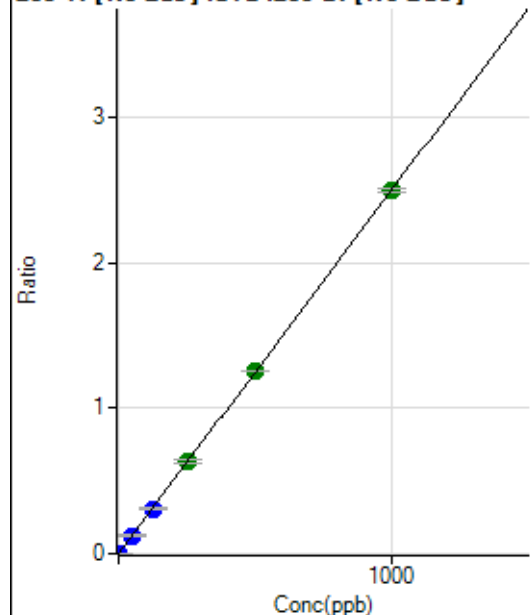
$$R = 1.0000$$

$$DL = 0.009817$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	42.7
2	☐	0.100					
3	☐	1.000	0.880	8222.52	0.0022	P	3.5
4	☐	50.000	49.888	461969.18	0.1247	P	1.9
5	☐	125.000	124.263	1233870.50	0.3107	P	1.0
6	☐	250.000	252.544	2561367.92	0.6314	A	3.5
7	☐	500.000	502.466	5193471.47	1.2563	A	0.6
8	☐	1000.000	998.229	10470242.08	2.4958	A	1.1
9	☐			3814.66	0.0010	P	4.4

$$y = 0.0025 * x + 1.5791E-005$$

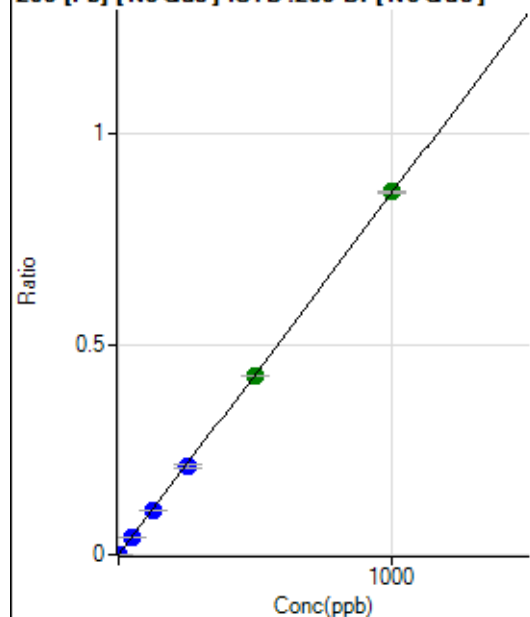
$$R = 1.0000$$

$$DL = 0.008095$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	192.60	0.0001	P	26.0
2	☐	0.100					
3	☐	1.000	0.874	2976.38	0.0008	P	4.7
4	☐	50.000	49.413	157323.21	0.0425	P	2.8
5	☐	125.000	121.755	415461.36	0.1046	P	1.4
6	☐	250.000	243.337	847857.67	0.2090	P	4.0
7	☐	500.000	494.700	1756568.76	0.4249	A	0.6
8	☐	1000.000	1004.751	3620349.79	0.8630	A	0.6
9	☐			4667.68	0.0012	P	7.7

$$y = 8.5883E-004 * x + 5.2220E-005$$

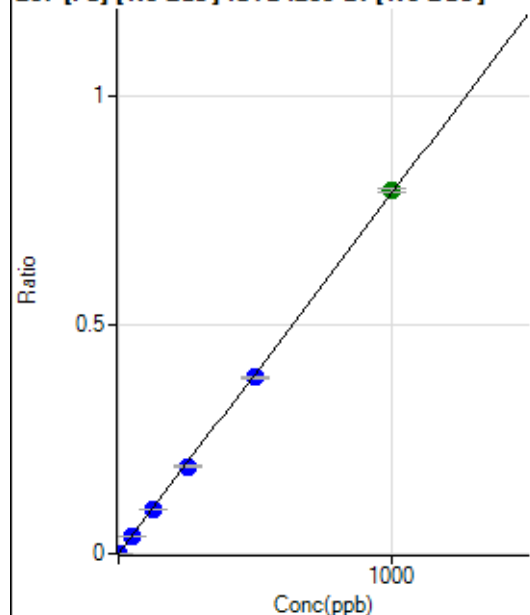
$$R = 1.0000$$

$$DL = 0.04743$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	159.27	0.0000	P	10.1
2	☐	0.100					
3	☐	1.000	0.838	2605.90	0.0007	P	1.5
4	☐	50.000	48.909	142472.09	0.0385	P	2.3
5	☐	125.000	120.756	377063.59	0.0949	P	1.0
6	☐	250.000	242.695	773917.29	0.1908	P	3.4
7	☐	500.000	489.267	1589784.06	0.3846	P	0.5
8	☐	1000.000	1007.778	3322938.90	0.7921	A	1.1
9	☐			4091.52	0.0011	P	5.1

$$y = 7.8591\text{E-}004 * x + 4.3210\text{E-}005$$

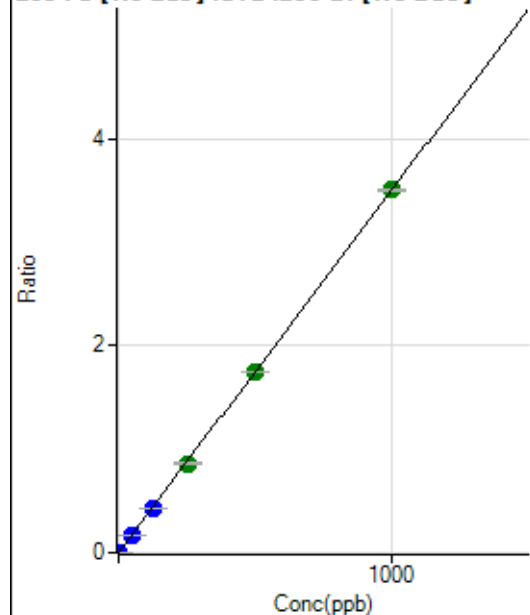
$$R = 0.9999$$

$$DL = 0.01661$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	735.22	0.0002	P	13.1
2	☐	0.100					
3	☐	1.000	0.889	12289.83	0.0033	P	1.2
4	☐	50.000	49.418	641137.40	0.1731	P	1.9
5	☐	125.000	122.081	1697471.16	0.4274	P	1.1
6	☐	250.000	246.707	3503520.85	0.8636	A	3.0
7	☐	500.000	499.053	7220800.48	1.7467	A	0.1
8	☐	1000.000	1001.691	14707808.49	3.5058	A	0.5
9	☐			18895.05	0.0050	P	4.6

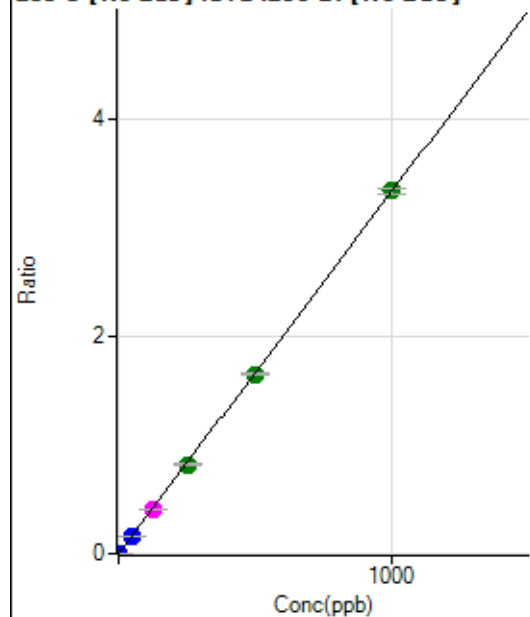
$$y = 0.0035 * x + 1.9935\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.02244$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.45	0.0000	P	58.1
2	☐	0.100					
3	☐	1.000	0.870	10782.98	0.0029	P	2.2
4	☐	50.000	49.030	603737.75	0.1631	P	2.0
5	☐	125.000	121.384	1603022.09	0.4037	M	0.9
6	☐	250.000	247.129	3333805.02	0.8218	A	3.2
7	☐	500.000	496.783	6829130.36	1.6520	A	1.3
8	☐	1000.000	1002.827	13989451.53	3.3347	A	1.7
9	☐			788.96	0.0002	P	11.1

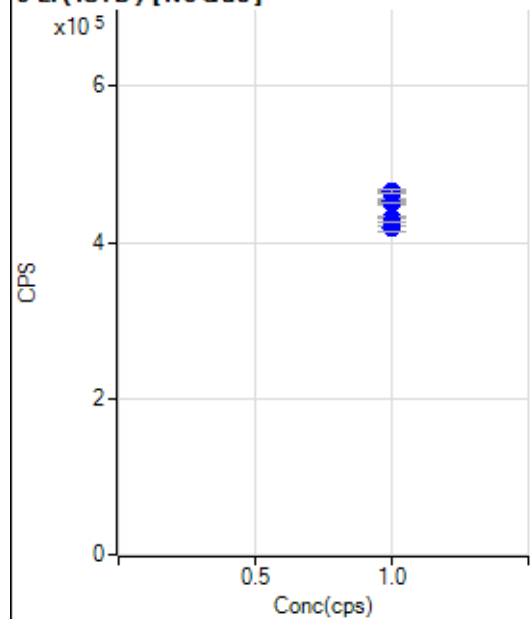
$$y = 0.0033 * x + 1.2110E-005$$

$$R = 1.0000$$

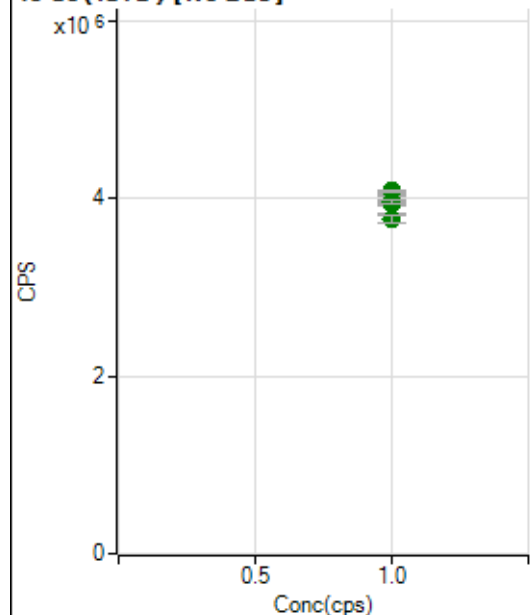
$$DL = 0.006347$$

Weight: <None>

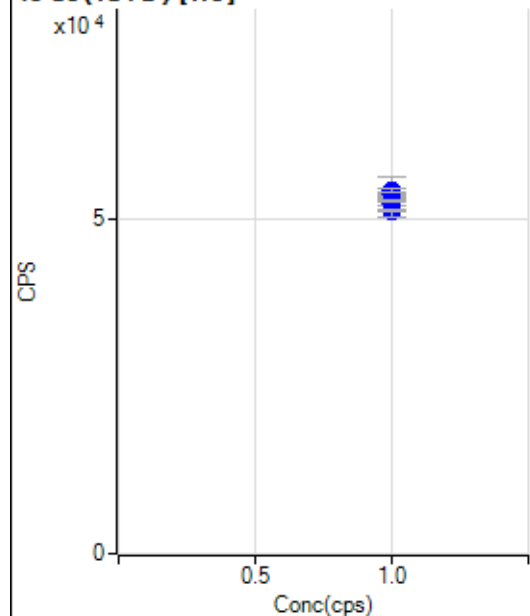
Min Conc: 0

6 Li (ISTD) [No Gas]

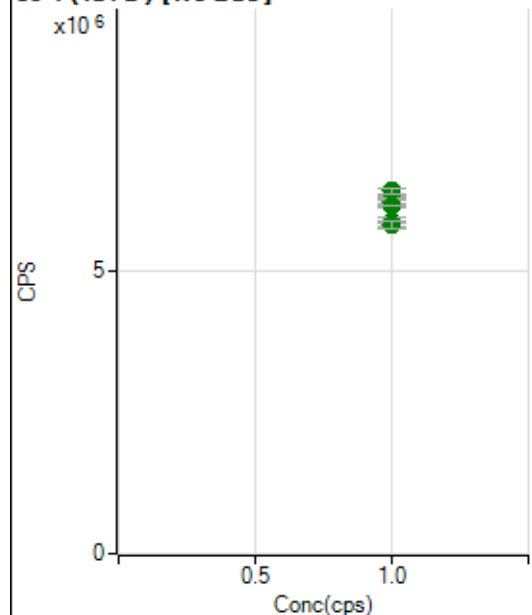
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		430486.78		P	1.8
2	☐	1.000					
3	☐	1.000		419969.49		P	3.2
4	☐	1.000		426850.93		P	2.5
5	☐	1.000		450938.92		P	0.8
6	☐	1.000		452868.19		P	1.0
7	☐	1.000		464035.41		P	0.8
8	☐	1.000		464787.45		P	1.0
9	☐	1.000		425960.53		P	0.4

45 Sc (ISTD) [No Gas]

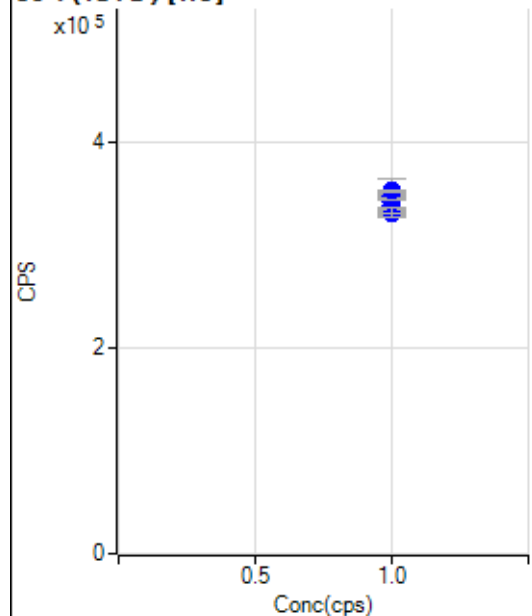
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3775463.10		A	2.0
2	☐	1.000					
3	☐	1.000		3779733.90		A	3.0
4	☐	1.000		3775132.59		A	2.1
5	☐	1.000		3954644.70		A	0.9
6	☐	1.000		3996436.85		A	3.2
7	☐	1.000		4031692.93		A	0.5
8	☐	1.000		4089993.58		A	0.5
9	☐	1.000		3956450.70		A	1.1

45 Sc (ISTD) [He]

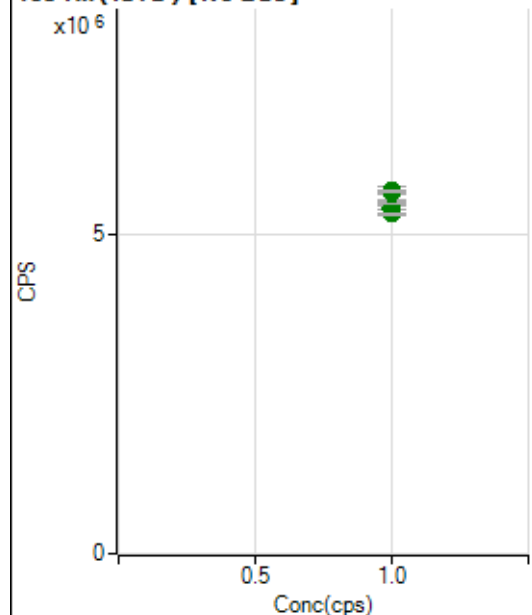
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		53107.05		P	3.2
2	☐	1.000					
3	☐	1.000		51607.84		P	1.6
4	☐	1.000		51334.74		P	3.5
5	☐	1.000		53804.93		P	1.1
6	☐	1.000		52307.11		P	3.7
7	☐	1.000		53946.45		P	9.2
8	☐	1.000		52908.15		P	0.2
9	☐	1.000		54363.68		P	0.9

89 Y (ISTD) [No Gas]

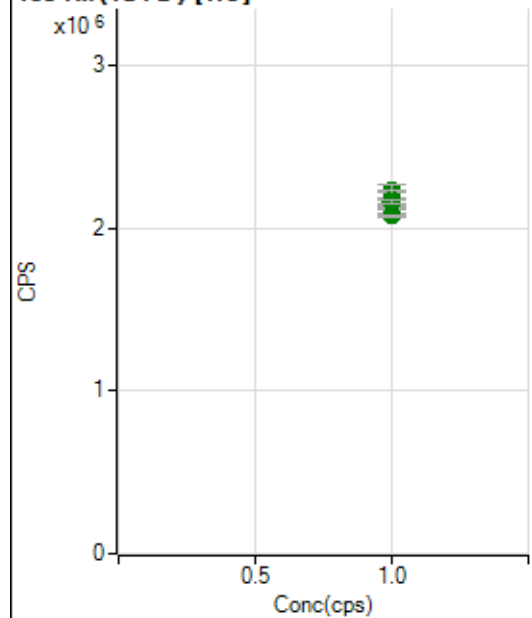
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5867744.49		A	1.0
2	☐	1.000					
3	☐	1.000		5865724.70		A	3.3
4	☐	1.000		5815917.13		A	2.6
5	☐	1.000		6164776.09		A	0.9
6	☐	1.000		6237138.59		A	3.2
7	☐	1.000		6280984.84		A	0.5
8	☐	1.000		6414468.86		A	1.7
9	☐	1.000		6156188.45		A	0.4

89 Y (ISTD) [He]

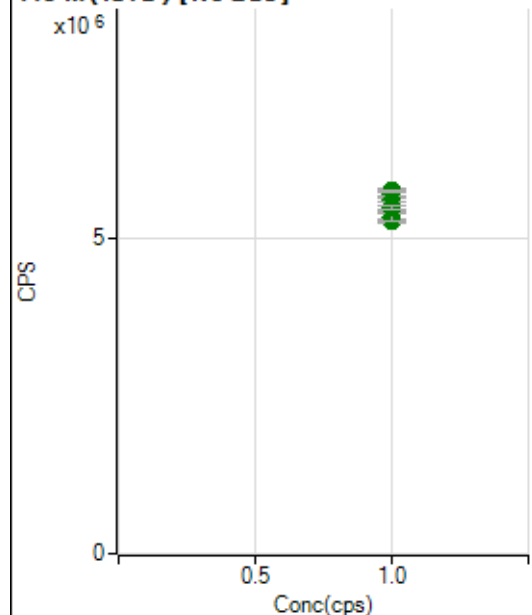
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		338774.32		P	3.6
2	☐	1.000					
3	☐	1.000		331084.02		P	1.9
4	☐	1.000		330665.61		P	2.2
5	☐	1.000		347972.84		P	0.3
6	☐	1.000		342469.51		P	3.1
7	☐	1.000		347302.04		P	9.4
8	☐	1.000		344953.12		P	0.6
9	☐	1.000		352501.39		P	0.2

103 Rh (ISTD) [No Gas]

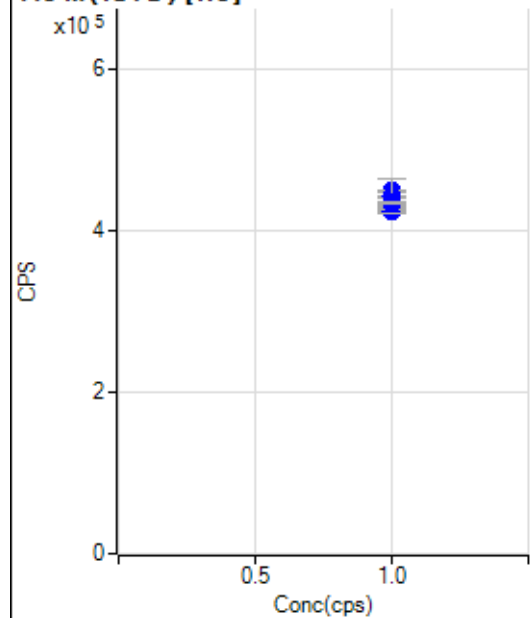
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5410853.42		A	1.3
2	☐	1.000					
3	☐	1.000		5420466.79		A	3.1
4	☐	1.000		5401083.02		A	2.9
5	☐	1.000		5656221.39		A	0.5
6	☐	1.000		5646673.04		A	3.3
7	☐	1.000		5661912.97		A	1.5
8	☐	1.000		5681174.69		A	0.4
9	☐	1.000		5321971.48		A	0.7

103 Rh (ISTD) [He]

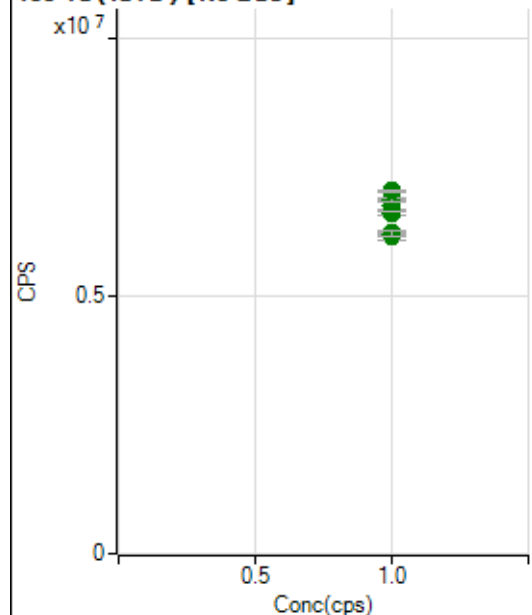
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2116995.00		A	3.0
2	☐	1.000					
3	☐	1.000		2115717.42		A	2.3
4	☐	1.000		2096177.38		A	1.4
5	☐	1.000		2231220.32		A	0.2
6	☐	1.000		2162251.37		A	2.8
7	☐	1.000		2181653.37		A	8.2
8	☐	1.000		2167272.62		A	1.2
9	☐	1.000		2075644.05		A	0.3

115 In (ISTD) [No Gas]

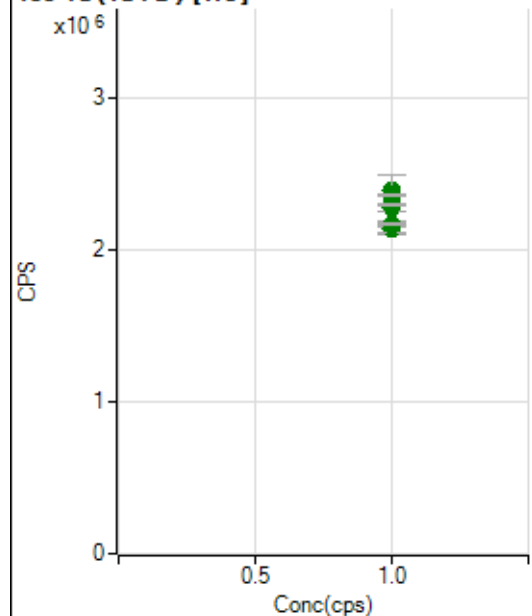
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5284987.39		A	1.4
2	☐	1.000					
3	☐	1.000		5339668.61		A	3.7
4	☐	1.000		5345255.97		A	2.0
5	☐	1.000		5609328.41		A	1.4
6	☐	1.000		5711523.39		A	2.5
7	☐	1.000		5714817.67		A	1.6
8	☐	1.000		5755451.62		A	0.2
9	☐	1.000		5483844.33		A	1.0

115 In (ISTD) [He]

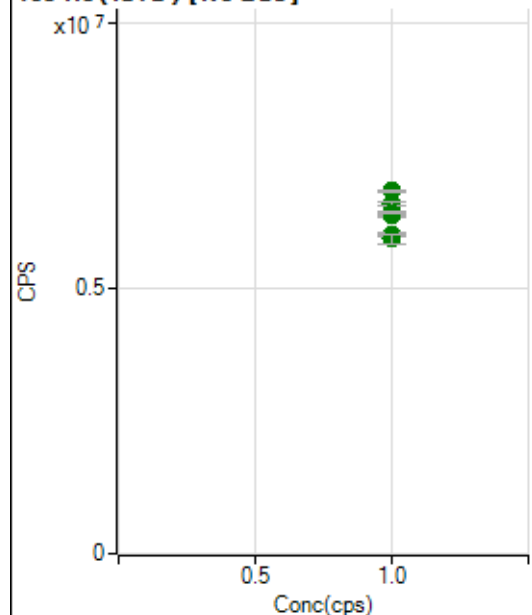
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		433766.14		P	3.2
2	☐	1.000					
3	☐	1.000		426188.71		P	1.4
4	☐	1.000		423505.79		P	1.2
5	☐	1.000		448502.33		P	0.4
6	☐	1.000		435876.14		P	2.8
7	☐	1.000		442419.77		P	9.3
8	☐	1.000		433191.46		P	1.3
9	☐	1.000		434177.62		P	0.7

159 Tb (ISTD) [No Gas]

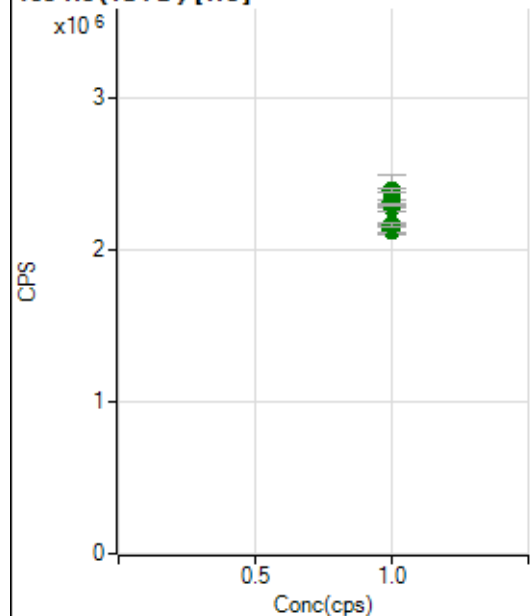
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6237603.73		A	1.0
2	☐	1.000					
3	☐	1.000		6168248.73		A	2.3
4	☐	1.000		6208902.62		A	1.6
5	☐	1.000		6607372.68		A	0.9
6	☐	1.000		6774555.59		A	3.1
7	☐	1.000		6869177.47		A	0.7
8	☐	1.000		7046313.23		A	0.2
9	☐	1.000		6649969.41		A	0.3

159 Tb (ISTD) [He]

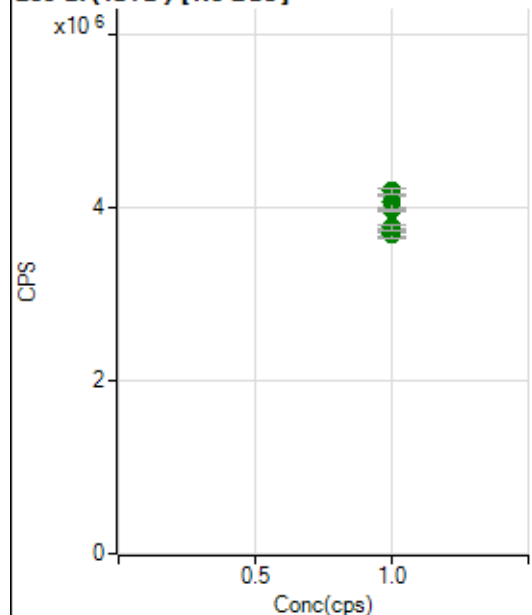
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2152526.91		A	3.9
2	☐	1.000					
3	☐	1.000		2139035.04		A	1.9
4	☐	1.000		2170754.99		A	0.6
5	☐	1.000		2302930.64		A	0.2
6	☐	1.000		2281824.84		A	2.3
7	☐	1.000		2392698.75		A	8.5
8	☐	1.000		2368727.74		A	0.6
9	☐	1.000		2297141.04		A	0.6

165 Ho (ISTD) [No Gas]

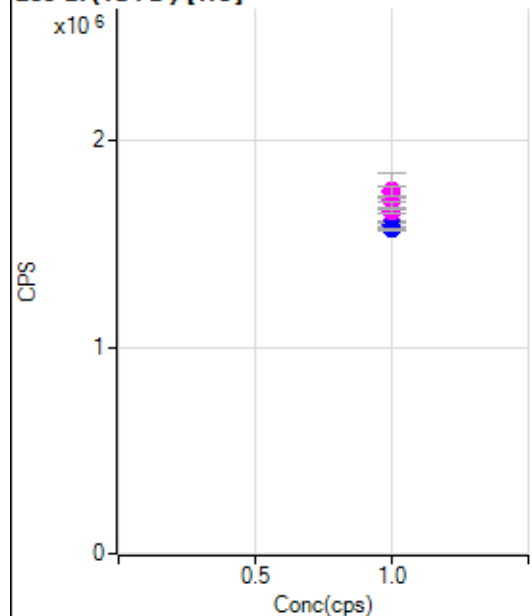
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6011516.02		A	1.5
2	☐	1.000					
3	☐	1.000		5918582.21		A	2.6
4	☐	1.000		5919496.44		A	2.6
5	☐	1.000		6370264.20		A	1.5
6	☐	1.000		6451076.05		A	2.6
7	☐	1.000		6588242.07		A	0.6
8	☐	1.000		6827512.74		A	0.4
9	☐	1.000		6421063.08		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2129965.33		A	3.4
2	☐	1.000					
3	☐	1.000		2139756.75		A	2.0
4	☐	1.000		2163005.53		A	1.4
5	☐	1.000		2309313.56		A	1.1
6	☐	1.000		2271357.00		A	1.9
7	☐	1.000		2378044.60		A	9.0
8	☐	1.000		2386340.43		A	1.2
9	☐	1.000		2296727.08		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3689185.43		A	1.3
2	☐	1.000					
3	☐	1.000		3711236.78		A	3.1
4	☐	1.000		3704159.36		A	3.2
5	☐	1.000		3971519.04		A	1.0
6	☐	1.000		4059723.62		A	3.4
7	☐	1.000		4133944.07		A	0.3
8	☐	1.000		4195483.72		A	1.4
9	☐	1.000		3775753.03		A	1.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1603047.22		M	1.7
2	☐	1.000					
3	☐	1.000		1588202.72		P	1.8
4	☐	1.000		1591124.87		P	1.3
5	☐	1.000		1712911.45		M	1.1
6	☐	1.000		1661019.45		M	1.7
7	☐	1.000		1758540.91		M	10.4
8	☐	1.000		1755859.12		M	2.5
9	☐	1.000		1571484.16		P	0.4

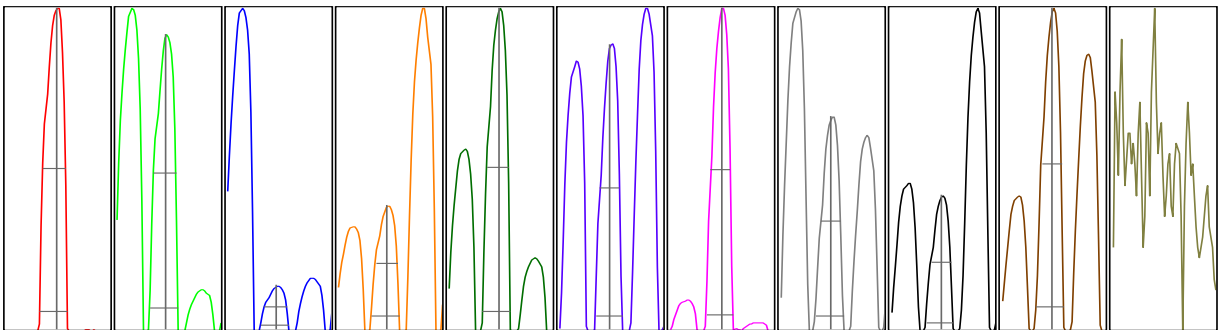
US EPA Tune Check Sample Report

Batch Folder D:\P8122618-MS .b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	2987	1.86	5.00	
24	39938	1.72	5.00	
25	5619	1.73	5.00	
26	6776	1.69	5.00	
59	51296	1.60	5.00	
113	6238	1.85	5.00	
115	74347	1.56	5.00	
206	14625	0.91	5.00	
207	13389	1.38	5.00	
208	31476	1.59	5.00	
220	1	22.85		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	2937	2970	2940	3025	3064
24	39549	39345	39433	40580	40783
25	5572	5560	5547	5631	5783
26	6691	6723	6697	6809	6963
59	50804	50519	50931	51677	52547
113	6224	6098	6163	6327	6379
115	74702	73561	73624	73614	76232
206	14515	14539	14531	14783	14760
207	13220	13232	13324	13551	13620
208	31056	31126	31189	31827	32181
220	1	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	4950	9.00	8.9 - 9.1		0.788	0.900	
24	67009	23.95	23.9 - 24.1		0.813	0.900	
25	9197	24.95	24.9 - 25.1		0.795	0.900	
26	10987	25.95	25.9 - 26.1		0.800	0.900	
59	87566	59.00	58.9 - 59.1		0.785	0.900	
113	11464	113.00	112.9 - 113.1		0.775	0.900	
115	136851	115.05	114.9 - 115.1		0.776	0.900	
206	26297	206.00	205.9 - 206.1		0.816	0.900	
207	24031	207.00	206.9 - 207.1		0.782	0.900	
208	57550	208.00	207.9 - 208.1		0.783	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	11.8	V	Deflect	15.2	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-105	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	9527	0.38	
89	7038	0.26	
205	10906	0.46	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	9538	9464	9544	9536	9552
89	7044	7010	7035	7039	7062
205	10959	10824	10929	10915	10903

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	11.8	V	Deflect	2.2	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-105	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 :	LB100046	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 12:59:57	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.36	1.08	-0.72	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.03	0.01	-0.03	0.00	N/A	ppb
Barium	135-1	0.00	0.01	0.00	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.76	-0.24	1.00	0.00	N/A	ppb
Boron	11-1	-0.23	-0.52	0.75	0.00	N/A	ppb
Cadmium	111-1	-0.04	0.00	0.03	0.00	N/A	ppb
Cadmium	106-1	-0.50	0.06	0.44	0.00	N/A	ppb
Cadmium	108-1	-0.01	0.03	-0.01	0.00	N/A	ppb
Calcium	43-1	2.39	-2.02	-0.38	0.00	N/A	ppb
Calcium	44-1	1.66	-5.43	3.77	0.00	N/A	ppb
Chromium	52-2	0.13	-0.03	-0.10	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	N/A	ppb
Copper	63-2	0.03	0.00	-0.03	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	0.20	-0.25	0.05	0.00	N/A	ppb
Iron	57-2	0.36	1.69	-2.05	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Lead	207-1	0.00	-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	-1.18	2.47	-1.29	0.00	N/A	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 12:59:57	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	-0.05	0.02	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.00	0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.03	-0.02	0.00	N/A	ppb
Phosphorus	31-2	2.20	-23.26	-23.26	-14.77		ppb
Potassium	39-2	15.80	-0.11	-15.69	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	1.09	0.99	-2.09	0.00	N/A	ppb
Selenium	78-2	-0.14	-0.16	0.30	0.00	N/A	ppb
Selenium	82-1	-0.09	0.05	0.04	0.00	N/A	ppb
Silicon	28-1	1.06	-2.32	1.26	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	8.91	-3.39	-5.52	0.00	N/A	ppb
Strontium	86-1	0.00	-0.03	0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	47.65	-470.43	76.09	-115.56		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	-0.01	0.00	0.00	N/A	ppb
Titanium	47-1	-0.04	0.04	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.08	-0.11	0.03	0.00	N/A	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 12:59:57	DataFile Name :	003CALB.d

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

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-26 13:07:29 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.04	22.17	20.92	21.04	5.08	ppb
Antimony	121-1	1.87	1.78	1.79	1.81	2.68	ppb
Arsenic	75-2	1.23	1.25	0.81	1.10	22.43	ppb
Barium	135-1	9.85	9.77	9.67	9.76	0.94	ppb
Barium	137-1	9.73	9.46	9.34	9.51	2.11	ppb
Beryllium	9-1	0.81	0.86	0.90	0.86	5.22	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	18.92	20.86	20.93	20.24	5.64	ppb
Boron	11-1	19.29	25.54	20.84	21.89	14.87	ppb
Cadmium	111-1	0.87	0.94	0.94	0.92	4.40	ppb
Cadmium	106-1	-0.13	1.07	0.19	0.38	166.36	ppb
Cadmium	108-1	0.81	0.76	0.95	0.84	11.84	ppb
Calcium	43-1	458.05	444.62	419.73	440.80	4.41	ppb
Calcium	44-1	447.74	451.35	446.89	448.66	0.53	ppb
Chromium	52-2	1.97	1.92	1.84	1.91	3.33	ppb
Cobalt	59-2	0.96	0.96	0.91	0.94	3.04	ppb
Copper	63-2	1.89	1.84	1.79	1.84	2.61	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				98		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	51.19	51.66	51.26	51.37	0.49	ppb
Iron	57-2	53.09	52.24	60.01	55.11	7.73	ppb
Krypton	83-1						cps
Lead	206-1	0.83	0.92	0.88	0.87	4.98	ppb
Lead	207-1	0.84	0.82	0.85	0.84	1.55	ppb
Lead	208-1	0.88	0.88	0.90	0.89	1.30	ppb
Lithium	6-1				98		%
Magnesium	24-2	497.25	502.78	507.41	502.48	1.01	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:07:29	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.93	0.79	1.25	0.99	24.01	ppb
Molybdenum	94-1	4.74	4.65	5.01	4.80	3.81	ppb
Molybdenum	95-1	4.77	4.87	4.72	4.79	1.68	ppb
Molybdenum	96-1	4.67	4.97	4.54	4.73	4.69	ppb
Molybdenum	97-1	4.68	4.89	4.81	4.79	2.24	ppb
Molybdenum	98-1	4.60	4.63	4.67	4.63	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	0.92	0.94	0.98	9.25	ppb
Phosphorus	31-2	15.46	27.07	1.79	14.77	85.65	ppb
Potassium	39-2	457.44	480.52	449.36	462.44	3.50	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	20.42	1.04	1.01	7.49	149.49	ppb
Selenium	78-2	4.04	5.96	7.89	5.96	32.31	ppb
Selenium	82-1	5.00	4.55	5.32	4.96	7.75	ppb
Silicon	28-1	-3.39	0.59	-3.49	-2.10		ppb
Silver	109-1	1.02	0.99	1.01	1.01	1.90	ppb
Silver	107-1	1.04	0.97	0.96	0.99	4.39	ppb
Sodium	23-2	480.87	486.82	474.65	480.78	1.27	ppb
Strontium	86-1	0.91	0.79	0.90	0.87	7.42	ppb
Strontium	88-1	0.93	0.93	0.88	0.91	2.96	ppb
Sulfur	34-1	-192.21	664.66	-125.77	115.56	412.50	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.88	0.86	0.89	0.88	1.68	ppb
Thallium	205-1	0.85	0.91	0.87	0.88	3.50	ppb
Tin	118-1	4.89	4.78	4.74	4.81	1.68	ppb
Titanium	47-1	4.74	4.94	4.93	4.87	2.36	ppb
Uranium	238-1	0.87	0.89	0.85	0.87	2.20	ppb
Vanadium	51-2	4.81	5.18	4.85	4.95	4.12	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	2.20	2.34	1.91	2.15	10.12	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:07:29	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.93	0.92	0.93	0.93	0.56	ppb
Zirconium	91-1	0.96	1.04	1.03	1.01	4.13	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:11:17	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1009.48	995.72	1010.38	1005.19	0.82	ppb
Antimony	121-1	50.52	50.35	50.58	50.48	0.23	ppb
Arsenic	75-2	50.48	49.91	49.73	50.04	0.78	ppb
Barium	135-1	256.08	250.74	258.30	255.04	1.52	ppb
Barium	137-1	255.15	254.25	254.62	254.67	0.18	ppb
Beryllium	9-1	50.11	51.41	50.06	50.53	1.52	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	40.71	40.35	43.64	41.57	4.34	ppb
Boron	11-1	45.58	46.48	44.08	45.38	2.67	ppb
Cadmium	111-1	52.55	51.81	51.47	51.94	1.06	ppb
Cadmium	106-1	50.17	50.57	49.67	50.14	0.90	ppb
Cadmium	108-1	52.59	51.81	53.02	52.48	1.17	ppb
Calcium	43-1	4880.34	4934.29	4817.31	4877.31	1.20	ppb
Calcium	44-1	4966.35	5076.06	4857.45	4966.62	2.20	ppb
Chromium	52-2	50.29	52.37	50.15	50.93	2.44	ppb
Cobalt	59-2	49.66	50.88	50.54	50.36	1.25	ppb
Copper	63-2	101.47	105.13	102.47	103.02	1.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	2613.60	2712.43	2740.86	2688.96	2.48	ppb
Iron	57-2	2506.17	2638.83	2619.20	2588.07	2.77	ppb
Krypton	83-1						cps
Lead	206-1	48.72	51.03	48.49	49.41	2.84	ppb
Lead	207-1	47.73	50.01	48.99	48.91	2.33	ppb
Lead	208-1	48.71	50.47	49.07	49.42	1.89	ppb
Lithium	6-1				99		%
Magnesium	24-2	5381.16	5581.07	5501.08	5487.77	1.83	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:11:17	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	100.15	101.29	101.91	101.12	0.88	ppb
Molybdenum	94-1	248.81	251.10	251.66	250.52	0.60	ppb
Molybdenum	95-1	247.99	252.21	249.72	249.98	0.85	ppb
Molybdenum	96-1	248.28	253.14	251.17	250.86	0.98	ppb
Molybdenum	97-1	253.48	254.46	257.67	255.20	0.86	ppb
Molybdenum	98-1	251.64	252.25	252.69	252.19	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.17	52.39	52.04	51.53	2.31	ppb
Phosphorus	31-2	1094.36	898.75	1101.92	1031.68	11.16	ppb
Potassium	39-2	2438.23	2639.85	2585.99	2554.69	4.09	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	35.07	43.16	63.71	47.31	31.21	ppb
Selenium	78-2	52.13	41.85	54.80	49.60	13.79	ppb
Selenium	82-1	51.88	50.58	52.41	51.62	1.83	ppb
Silicon	28-1	47.37	49.92	52.13	49.81	4.78	ppb
Silver	109-1	52.73	52.52	52.77	52.67	0.25	ppb
Silver	107-1	52.94	52.79	52.50	52.75	0.42	ppb
Sodium	23-2	5123.47	5307.93	5180.85	5204.08	1.81	ppb
Strontium	86-1	49.21	49.89	49.42	49.50	0.70	ppb
Strontium	88-1	50.51	50.47	51.07	50.68	0.66	ppb
Sulfur	34-1	1311.90	2031.67	2064.10	1802.56	23.59	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	48.42	49.77	48.77	48.98	1.43	ppb
Thallium	205-1	49.53	50.95	49.19	49.89	1.87	ppb
Tin	118-1	51.33	50.52	50.49	50.78	0.95	ppb
Titanium	47-1	249.45	250.43	250.34	250.08	0.22	ppb
Uranium	238-1	48.19	50.09	48.80	49.03	1.98	ppb
Vanadium	51-2	49.11	51.12	50.60	50.28	2.08	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	101.40	101.78	103.43	102.20	1.06	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:11:17	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.95	50.23	50.64	50.27	0.70	ppb
Zirconium	91-1	49.25	50.07	49.61	49.64	0.83	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:15:04	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2472.25	2430.04	2473.81	2458.70	1.01	ppb
Antimony	121-1	124.95	127.00	124.61	125.52	1.03	ppb
Arsenic	75-2	123.66	121.13	123.71	122.84	1.20	ppb
Barium	135-1	632.73	639.97	623.26	631.99	1.33	ppb
Barium	137-1	631.14	637.53	627.17	631.95	0.83	ppb
Beryllium	9-1	126.23	126.57	127.01	126.60	0.31	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Boron	10-1	117.03	122.94	121.93	120.63	2.62	ppb
Boron	11-1	117.42	114.49	121.39	117.77	2.94	ppb
Cadmium	111-1	128.15	129.01	126.42	127.86	1.03	ppb
Cadmium	106-1	121.86	126.36	125.90	124.71	1.98	ppb
Cadmium	108-1	125.37	134.34	128.09	129.27	3.55	ppb
Calcium	43-1	11916.39	12189.15	12228.87	12111.47	1.40	ppb
Calcium	44-1	12193.13	12139.98	12488.23	12273.78	1.53	ppb
Chromium	52-2	124.52	123.04	126.44	124.66	1.37	ppb
Cobalt	59-2	125.91	123.42	126.54	125.29	1.32	ppb
Copper	63-2	255.09	250.41	257.44	254.31	1.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	6489.01	6429.76	6509.78	6476.18	0.64	ppb
Iron	57-2	6385.89	6431.85	6570.22	6462.66	1.48	ppb
Krypton	83-1						cps
Lead	206-1	120.25	121.38	123.64	121.76	1.42	ppb
Lead	207-1	119.74	120.49	122.04	120.76	0.97	ppb
Lead	208-1	120.72	122.23	123.30	122.08	1.06	ppb
Lithium	6-1				105		%
Magnesium	24-2	13486.36	13435.95	13817.26	13579.86	1.53	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:15:04	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	246.24	247.07	252.31	248.54	1.33	ppb
Molybdenum	94-1	638.74	620.46	625.60	628.27	1.50	ppb
Molybdenum	95-1	626.63	619.32	632.95	626.30	1.09	ppb
Molybdenum	96-1	629.27	624.89	630.07	628.08	0.44	ppb
Molybdenum	97-1	622.29	617.44	636.27	625.34	1.56	ppb
Molybdenum	98-1	622.39	624.67	640.35	629.14	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.70	126.95	127.65	127.10	0.39	ppb
Phosphorus	31-2	2283.49	2551.07	2704.54	2513.03	8.48	ppb
Potassium	39-2	6230.82	6159.54	6359.18	6249.85	1.62	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	103.13	141.68	123.36	122.72	15.71	ppb
Selenium	78-2	112.60	119.96	120.11	117.55	3.65	ppb
Selenium	82-1	127.43	123.35	126.78	125.85	1.74	ppb
Silicon	28-1	138.76	141.47	145.86	142.03	2.52	ppb
Silver	109-1	128.16	131.40	129.63	129.73	1.25	ppb
Silver	107-1	126.88	130.30	128.86	128.68	1.33	ppb
Sodium	23-2	13029.97	12607.75	13043.35	12893.69	1.92	ppb
Strontium	86-1	122.35	121.96	123.98	122.76	0.87	ppb
Strontium	88-1	127.66	126.00	127.05	126.90	0.66	ppb
Sulfur	34-1	2459.18	2505.36	2607.86	2524.13	3.01	ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	122.21	122.91	123.24	122.79	0.43	ppb
Thallium	205-1	123.03	124.36	125.41	124.26	0.96	ppb
Tin	118-1	124.83	128.31	124.80	125.98	1.60	ppb
Titanium	47-1	620.68	625.04	629.87	625.20	0.74	ppb
Uranium	238-1	120.11	122.18	121.86	121.38	0.92	ppb
Vanadium	51-2	124.30	123.19	124.69	124.06	0.62	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	255.27	247.45	257.39	253.37	2.07	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:15:04	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	124.28	124.23	126.36	124.96	0.97	ppb
Zirconium	91-1	124.35	123.24	123.96	123.85	0.45	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:18:46	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5342.92	5144.43	4881.59	5122.98	4.52	ppb
Antimony	121-1	258.51	256.63	241.95	252.36	3.59	ppb
Arsenic	75-2	259.91	251.78	244.99	252.23	2.96	ppb
Barium	135-1	1276.93	1260.19	1201.73	1246.28	3.17	ppb
Barium	137-1	1308.63	1294.29	1227.72	1276.88	3.38	ppb
Beryllium	9-1	254.35	252.93	251.53	252.94	0.56	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Boron	10-1	243.32	239.66	240.28	241.09	0.81	ppb
Boron	11-1	243.93	240.51	238.08	240.84	1.22	ppb
Cadmium	111-1	261.36	250.88	246.82	253.02	2.96	ppb
Cadmium	106-1	258.64	250.88	244.29	251.27	2.86	ppb
Cadmium	108-1	259.07	257.40	243.26	253.24	3.43	ppb
Calcium	43-1	24874.39	24517.74	23367.24	24253.12	3.25	ppb
Calcium	44-1	24614.60	24478.81	23164.82	24086.08	3.32	ppb
Chromium	52-2	266.52	260.85	247.45	258.28	3.79	ppb
Cobalt	59-2	265.66	258.51	245.40	256.53	4.01	ppb
Copper	63-2	542.19	529.64	501.72	524.52	3.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	56-2	13750.03	13354.80	12744.70	13283.18	3.81	ppb
Iron	57-2	13740.85	13303.60	12654.48	13232.98	4.13	ppb
Krypton	83-1						cps
Lead	206-1	251.59	245.83	232.59	243.34	4.00	ppb
Lead	207-1	248.99	245.85	233.24	242.70	3.44	ppb
Lead	208-1	252.93	248.72	238.47	246.71	3.02	ppb
Lithium	6-1				105		%
Magnesium	24-2	28708.98	28118.13	26955.83	27927.65	3.19	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:18:46	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	537.84	520.61	494.84	517.77	4.18	ppb
Molybdenum	94-1	1304.15	1285.66	1217.11	1268.97	3.61	ppb
Molybdenum	95-1	1296.26	1260.60	1202.94	1253.26	3.76	ppb
Molybdenum	96-1	1296.21	1257.07	1208.95	1254.08	3.49	ppb
Molybdenum	97-1	1315.09	1247.31	1218.04	1260.14	3.95	ppb
Molybdenum	98-1	1286.06	1244.56	1188.88	1239.83	3.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	273.07	263.15	250.00	262.07	4.41	ppb
Phosphorus	31-2	5354.84	5043.16	5594.50	5330.84	5.19	ppb
Potassium	39-2	13133.56	12968.18	12264.25	12788.66	3.61	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				98		%
Selenium	77-2	283.93	207.99	236.97	242.96	15.77	ppb
Selenium	78-2	248.41	269.27	235.61	251.10	6.77	ppb
Selenium	82-1	260.24	251.83	248.16	253.41	2.45	ppb
Silicon	28-1	270.44	274.41	259.27	268.04	2.93	ppb
Silver	109-1	268.49	258.88	249.49	258.95	3.67	ppb
Silver	107-1	261.17	256.47	252.25	256.63	1.74	ppb
Sodium	23-2	27721.40	27170.67	25818.70	26903.59	3.64	ppb
Strontium	86-1	250.68	246.59	236.81	244.69	2.91	ppb
Strontium	88-1	258.75	252.07	244.03	251.62	2.93	ppb
Sulfur	34-1	5688.36	4871.90	3727.74	4762.66	20.68	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	250.65	246.54	235.80	244.33	3.14	ppb
Thallium	205-1	259.87	255.17	242.59	252.54	3.54	ppb
Tin	118-1	259.91	252.52	246.03	252.82	2.75	ppb
Titanium	47-1	1275.15	1251.45	1189.92	1238.84	3.55	ppb
Uranium	238-1	254.16	248.80	238.43	247.13	3.24	ppb
Vanadium	51-2	262.76	259.80	244.80	255.79	3.77	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	534.94	525.42	492.84	517.73	4.26	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:18:46	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	262.26	251.71	242.04	252.00	4.01	ppb
Zirconium	91-1	257.76	245.66	237.06	246.83	4.21	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:22:20	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8868.14	9811.42	10782.40	9820.65	9.75	ppb
Antimony	121-1	509.27	508.72	513.41	510.47	0.50	ppb
Arsenic	75-2	451.16	503.92	547.25	500.78	9.61	ppb
Barium	135-1	2544.50	2510.07	2557.58	2537.38	0.97	ppb
Barium	137-1	2521.95	2516.11	2537.26	2525.11	0.43	ppb
Beryllium	9-1	505.92	501.18	511.18	506.09	0.99	ppb
Bismuth	209-1				112		%
Bismuth	209-2				110		%
Boron	10-1	494.61	493.86	512.62	500.37	2.12	ppb
Boron	11-1	499.74	493.95	512.34	502.01	1.87	ppb
Cadmium	111-1	506.88	506.28	504.78	505.98	0.21	ppb
Cadmium	106-1	511.71	504.71	503.49	506.64	0.87	ppb
Cadmium	108-1	518.59	497.17	502.42	506.06	2.21	ppb
Calcium	43-1	48091.30	48457.12	48860.50	48469.64	0.79	ppb
Calcium	44-1	47941.41	48473.89	48846.73	48420.68	0.94	ppb
Chromium	52-2	452.43	500.26	544.17	498.95	9.20	ppb
Cobalt	59-2	447.06	496.00	543.50	495.52	9.73	ppb
Copper	63-2	911.43	1024.97	1112.27	1016.23	9.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				112		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	56-2	23306.17	25653.91	27948.56	25636.21	9.05	ppb
Iron	57-2	23087.10	25715.47	28025.19	25609.25	9.65	ppb
Krypton	83-1						cps
Lead	206-1	498.03	494.17	491.90	494.70	0.63	ppb
Lead	207-1	490.13	486.61	491.06	489.27	0.48	ppb
Lead	208-1	499.67	498.58	498.91	499.05	0.11	ppb
Lithium	6-1				108		%
Magnesium	24-2	49221.68	55643.06	60630.18	55164.97	10.37	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:22:20	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	906.04	997.50	1090.77	998.10	9.25	ppb
Molybdenum	94-1	2494.41	2546.42	2544.12	2528.32	1.16	ppb
Molybdenum	95-1	2477.23	2538.65	2530.59	2515.49	1.33	ppb
Molybdenum	96-1	2493.19	2546.38	2543.28	2527.62	1.18	ppb
Molybdenum	97-1	2488.35	2559.55	2547.31	2531.74	1.50	ppb
Molybdenum	98-1	2489.56	2532.11	2538.51	2520.06	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	451.90	500.24	549.52	500.56	9.75	ppb
Phosphorus	31-2	9050.97	11485.95	11790.72	10775.88	13.93	ppb
Potassium	39-2	22626.58	24720.91	27079.92	24809.14	8.98	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	77-2	456.86	477.58	554.03	496.16	10.31	ppb
Selenium	78-2	435.86	492.32	544.92	491.03	11.11	ppb
Selenium	82-1	500.97	509.09	502.00	504.02	0.88	ppb
Silicon	28-1	546.71	558.83	565.16	556.90	1.68	ppb
Silver	109-1	514.87	514.69	516.20	515.26	0.16	ppb
Silver	107-1	518.76	509.29	510.41	512.82	1.01	ppb
Sodium	23-2	45855.99	50744.30	55172.59	50590.96	9.21	ppb
Strontium	86-1	489.48	494.04	497.34	493.62	0.80	ppb
Strontium	88-1	501.20	504.95	499.55	501.90	0.55	ppb
Sulfur	34-1	10062.54	9975.89	10074.62	10037.68	0.54	ppb
Terbium	159-1				110		%
Terbium	159-2				111		%
Thallium	203-1	492.98	501.91	504.11	499.67	1.18	ppb
Thallium	205-1	502.48	499.65	505.27	502.47	0.56	ppb
Tin	118-1	516.13	507.23	510.26	511.21	0.89	ppb
Titanium	47-1	2528.29	2563.24	2539.15	2543.56	0.70	ppb
Uranium	238-1	489.54	499.18	501.63	496.78	1.29	ppb
Vanadium	51-2	455.30	495.25	545.12	498.56	9.03	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	910.83	1000.70	1105.96	1005.83	9.71	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:22:20	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	498.72	511.33	507.30	505.78	1.27	ppb
Zirconium	91-1	493.52	502.50	505.69	500.57	1.26	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:25:50	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19514.81	19509.83	19640.94	19555.19	0.38	ppb
Antimony	121-1	994.04	990.20	998.03	994.09	0.39	ppb
Arsenic	75-2	1002.53	1001.59	993.85	999.32	0.48	ppb
Barium	135-1	4970.41	4963.52	5009.41	4981.11	0.50	ppb
Barium	137-1	4977.72	4969.46	4991.69	4979.62	0.23	ppb
Beryllium	9-1	1008.32	979.64	1000.01	995.99	1.48	ppb
Bismuth	209-1				114		%
Bismuth	209-2				110		%
Boron	10-1	1006.16	980.41	1022.83	1003.13	2.13	ppb
Boron	11-1	1004.56	992.86	1010.08	1002.50	0.88	ppb
Cadmium	111-1	994.08	995.71	997.60	995.80	0.18	ppb
Cadmium	106-1	997.20	997.11	994.87	996.40	0.13	ppb
Cadmium	108-1	988.76	996.07	1001.67	995.50	0.65	ppb
Calcium	43-1	96764.61	98693.35	100323.12	98593.69	1.81	ppb
Calcium	44-1	95731.63	97259.24	96883.57	96624.81	0.82	ppb
Chromium	52-2	993.26	1002.16	999.93	998.45	0.46	ppb
Cobalt	59-2	990.83	1007.66	1003.17	1000.55	0.87	ppb
Copper	63-2	1982.60	1987.29	1985.31	1985.07	0.12	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				114		%
Holmium	165-2				112		%
Indium	115-1				109		%
Indium	115-2				100		%
Iron	56-2	51357.40	51897.31	51239.34	51498.02	0.68	ppb
Iron	57-2	51181.62	51669.36	51596.98	51482.65	0.51	ppb
Krypton	83-1						cps
Lead	206-1	1010.99	1000.04	1003.22	1004.75	0.56	ppb
Lead	207-1	1014.83	995.04	1013.47	1007.78	1.10	ppb
Lead	208-1	1006.65	996.10	1002.33	1001.69	0.53	ppb
Lithium	6-1				108		%
Magnesium	24-2	106977.55	106826.74	106786.29	106863.53	0.09	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:25:50	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1985.89	2006.44	1997.58	1996.63	0.52	ppb
Molybdenum	94-1	5079.71	4896.83	4965.45	4980.66	1.85	ppb
Molybdenum	95-1	5111.17	4909.66	4953.01	4991.28	2.12	ppb
Molybdenum	96-1	5048.84	4951.38	4954.01	4984.74	1.11	ppb
Molybdenum	97-1	5021.94	4942.71	4979.22	4981.29	0.80	ppb
Molybdenum	98-1	5084.17	4938.34	4953.14	4991.88	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	996.71	993.84	998.55	996.36	0.24	ppb
Phosphorus	31-2	19399.15	19524.05	19655.20	19526.14	0.66	ppb
Potassium	39-2	49344.75	48966.68	49462.10	49257.85	0.53	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				100		%
Selenium	77-2	937.39	967.67	1107.20	1004.09	9.02	ppb
Selenium	78-2	1040.16	980.55	994.76	1005.16	3.10	ppb
Selenium	82-1	1012.71	986.40	991.73	996.95	1.39	ppb
Silicon	28-1	959.96	948.14	987.03	965.04	2.07	ppb
Silver	109-1	987.62	989.59	991.02	989.41	0.17	ppb
Silver	107-1	987.88	996.27	989.86	991.34	0.44	ppb
Sodium	23-2	100955.39	101440.50	101039.38	101145.09	0.26	ppb
Strontium	86-1	1025.91	990.00	998.55	1004.82	1.87	ppb
Strontium	88-1	1020.15	987.30	987.67	998.37	1.89	ppb
Sulfur	34-1	20013.48	19948.80	20029.76	19997.35	0.21	ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	1010.43	1000.05	995.26	1001.91	0.77	ppb
Thallium	205-1	1008.51	986.59	999.59	998.23	1.10	ppb
Tin	118-1	988.85	990.79	1000.95	993.53	0.65	ppb
Titanium	47-1	4956.93	4997.27	4988.74	4980.98	0.43	ppb
Uranium	238-1	1014.64	1010.55	983.29	1002.83	1.70	ppb
Vanadium	51-2	998.36	1001.02	998.75	999.38	0.14	ppb
Yttrium	89-1				109		%
Yttrium	89-2				102		%
Zinc	66-2	1985.95	1993.94	1996.47	1992.12	0.28	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:25:50	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1011.24	995.27	983.29	996.60	1.41	ppb
Zirconium	91-1	1020.18	993.84	988.00	1000.67	1.71	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:29:14	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100389.43	99125.11	100790.64	100101.73	0.87	ppb
Antimony	121-1	1.24	1.39	1.48	1.37	8.84	ppb
Arsenic	75-2	1.48	1.45	1.48	1.47	1.36	ppb
Barium	135-1	0.63	0.71	0.61	0.65	8.23	ppb
Barium	137-1	0.74	0.71	0.73	0.73	2.35	ppb
Beryllium	9-1	0.15	0.13	0.13	0.13	10.07	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	9.51	6.63	7.79	7.98	18.17	ppb
Boron	11-1	11.03	8.89	8.25	9.39	15.51	ppb
Cadmium	111-1	-0.01	0.20	0.06	0.09	125.81	ppb
Cadmium	106-1	-1.44	1.68	-0.76	-0.17		ppb
Cadmium	108-1	0.15	0.27	0.27	0.23	31.35	ppb
Calcium	43-1	499911.34	511682.90	489853.68	500482.64	2.18	ppb
Calcium	44-1	501955.76	507743.31	492955.05	500884.71	1.49	ppb
Chromium	52-2	14.73	14.97	15.14	14.95	1.37	ppb
Cobalt	59-2	11.81	11.53	11.85	11.73	1.50	ppb
Copper	63-2	2.72	2.70	2.78	2.73	1.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	251578.81	247058.76	250132.64	249590.07	0.92	ppb
Iron	57-2	253900.88	247083.55	247814.67	249599.70	1.50	ppb
Krypton	83-1						cps
Lead	206-1	1.30	1.51	1.33	1.38	8.00	ppb
Lead	207-1	1.28	1.41	1.29	1.32	5.30	ppb
Lead	208-1	1.32	1.45	1.35	1.37	4.82	ppb
Lithium	6-1				99		%
Magnesium	24-2	502597.83	492672.65	498527.13	497932.54	1.00	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:29:14	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10.94	10.76	11.53	11.08	3.67	ppb
Molybdenum	94-1	3.22	3.26	3.25	3.25	0.64	ppb
Molybdenum	95-1	3.65	3.56	3.47	3.56	2.46	ppb
Molybdenum	96-1	3.88	4.07	3.93	3.96	2.53	ppb
Molybdenum	97-1	3.65	3.67	3.54	3.62	1.85	ppb
Molybdenum	98-1	3.65	3.67	3.56	3.63	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.00	18.25	18.40	18.55	2.14	ppb
Phosphorus	31-2	13.13	0.55	-23.26	-3.19		ppb
Potassium	39-2	250637.96	250216.77	249603.11	250152.62	0.21	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	0.87	-2.09	0.86	-0.12		ppb
Selenium	78-2	0.79	0.30	-0.66	0.14	520.02	ppb
Selenium	82-1	1.60	0.17	1.09	0.96	75.85	ppb
Silicon	28-1	199.14	214.54	214.51	209.40	4.24	ppb
Silver	109-1	0.08	0.08	0.08	0.08	2.24	ppb
Silver	107-1	0.09	0.06	0.09	0.08	20.09	ppb
Sodium	23-2	505392.66	497386.99	496034.87	499604.84	1.01	ppb
Strontium	86-1	4.18	4.45	4.47	4.37	3.70	ppb
Strontium	88-1	4.58	4.60	4.48	4.55	1.43	ppb
Sulfur	34-1	-1687.24	-1317.79	-1743.22	-1582.75		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.46	0.39	0.35	0.40	13.58	ppb
Thallium	205-1	0.41	0.41	0.38	0.40	4.51	ppb
Tin	118-1	0.80	0.78	0.74	0.77	3.75	ppb
Titanium	47-1	1.34	1.39	1.25	1.33	5.17	ppb
Uranium	238-1	0.06	0.05	0.07	0.06	11.84	ppb
Vanadium	51-2	0.16	0.22	0.20	0.19	15.52	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	19.33	18.59	19.12	19.01	1.98	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:29:14	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.35	0.36	0.39	0.37	5.82	ppb
Zirconium	91-1	0.37	0.48	0.38	0.41	14.21	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:35:08	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	509.30	528.96	527.56	521.94	2.10	ppb
Antimony	121-1	203.81	198.74	195.45	199.34	2.11	ppb
Arsenic	75-2	192.00	198.01	192.17	194.06	1.76	ppb
Barium	135-1	102.19	101.38	99.68	101.08	1.27	ppb
Barium	137-1	104.15	101.36	98.98	101.50	2.55	ppb
Beryllium	9-1	98.30	99.78	100.28	99.46	1.03	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	-9.13	-10.61	-11.83	-10.52		ppb
Boron	11-1	-9.19	-8.80	-9.03	-9.01		ppb
Cadmium	111-1	103.72	102.38	101.61	102.57	1.04	ppb
Cadmium	106-1	87.82	92.31	89.25	89.79	2.55	ppb
Cadmium	108-1	97.23	95.27	89.12	93.87	4.51	ppb
Calcium	43-1	1976.69	1914.94	1945.81	1945.82	1.59	ppb
Calcium	44-1	2067.68	2016.93	2040.98	2041.86	1.24	ppb
Chromium	52-2	95.37	97.25	97.95	96.86	1.38	ppb
Cobalt	59-2	98.83	99.36	100.67	99.62	0.95	ppb
Copper	63-2	100.67	102.08	101.81	101.52	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				104		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	1011.78	1027.27	1026.76	1021.94	0.86	ppb
Iron	57-2	1036.63	1004.46	1014.97	1018.68	1.61	ppb
Krypton	83-1						cps
Lead	206-1	199.80	194.46	194.79	196.35	1.52	ppb
Lead	207-1	188.15	186.66	189.07	187.96	0.65	ppb
Lead	208-1	195.13	191.60	192.88	193.20	0.92	ppb
Lithium	6-1				95		%
Magnesium	24-2	1210.77	1206.88	1205.25	1207.63	0.23	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:35:08	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	96.66	95.87	96.23	96.25	0.41	ppb
Molybdenum	94-1	0.10	0.07	0.10	0.09	17.21	ppb
Molybdenum	95-1	0.12	0.07	0.08	0.09	29.21	ppb
Molybdenum	96-1	0.11	0.11	0.09	0.11	10.84	ppb
Molybdenum	97-1	0.03	0.04	0.05	0.04	25.11	ppb
Molybdenum	98-1	0.09	0.06	0.07	0.07	17.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.26	102.60	101.96	101.61	1.19	ppb
Phosphorus	31-2	0.85	-23.26	-10.93	-11.11		ppb
Potassium	39-2	1996.72	2012.80	1967.40	1992.31	1.16	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	149.05	184.49	207.84	180.46	16.40	ppb
Selenium	78-2	189.43	203.60	199.42	197.49	3.69	ppb
Selenium	82-1	204.61	200.55	204.32	203.16	1.11	ppb
Silicon	28-1	-17.65	-19.60	-19.43	-18.89		ppb
Silver	109-1	106.18	103.57	103.23	104.33	1.55	ppb
Silver	107-1	107.69	103.10	102.06	104.28	2.87	ppb
Sodium	23-2	2081.40	2088.76	2114.14	2094.76	0.82	ppb
Strontium	86-1	2.27	2.12	2.17	2.19	3.45	ppb
Strontium	88-1	2.41	2.38	2.31	2.36	2.16	ppb
Sulfur	34-1	-863.02	-1751.81	-1579.82	-1398.22		ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	205.15	197.77	197.21	200.04	2.22	ppb
Thallium	205-1	212.53	202.55	204.65	206.58	2.55	ppb
Tin	118-1	-0.02	0.00	0.00	-0.01		ppb
Titanium	47-1	0.21	0.21	0.03	0.15	71.91	ppb
Uranium	238-1	0.04	0.02	0.02	0.03	33.67	ppb
Vanadium	51-2	96.54	97.80	97.40	97.25	0.66	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	199.63	200.96	202.31	200.97	0.67	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:35:08	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.00	0.01	152.40	ppb
Zirconium	91-1	0.05	0.09	0.08	0.07	23.43	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:44:19	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.40	15.95	15.63	15.66	1.75	ppb
Antimony	121-1	2.00	1.91	1.98	1.96	2.33	ppb
Arsenic	75-2	0.80	0.81	0.92	0.84	7.66	ppb
Barium	135-1	9.39	9.42	9.85	9.55	2.72	ppb
Barium	137-1	9.65	10.23	9.43	9.77	4.24	ppb
Beryllium	9-1	0.90	1.01	0.95	0.95	5.63	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	8.35	8.76	9.04	8.72	3.94	ppb
Boron	11-1	10.90	9.89	9.32	10.04	7.98	ppb
Cadmium	111-1	1.01	0.75	0.88	0.88	14.95	ppb
Cadmium	106-1	1.32	-1.29	0.58	0.20	665.52	ppb
Cadmium	108-1	0.92	1.31	1.01	1.08	18.92	ppb
Calcium	43-1	455.22	411.99	442.16	436.45	5.08	ppb
Calcium	44-1	555.66	533.16	534.09	540.97	2.35	ppb
Chromium	52-2	1.99	1.85	2.02	1.95	4.63	ppb
Cobalt	59-2	0.95	0.90	0.92	0.93	2.93	ppb
Copper	63-2	2.02	1.90	1.97	1.96	3.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	52.89	51.13	51.92	51.98	1.70	ppb
Iron	57-2	54.85	58.61	42.94	52.13	15.68	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.99	0.96	0.96	2.26	ppb
Lead	207-1	0.83	0.85	0.89	0.86	3.34	ppb
Lead	208-1	0.90	0.94	0.92	0.92	2.28	ppb
Lithium	6-1				93		%
Magnesium	24-2	474.51	480.70	478.99	478.07	0.67	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:44:19	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.95	1.08	1.00	1.01	6.66	ppb
Molybdenum	94-1	4.84	4.74	4.82	4.80	1.04	ppb
Molybdenum	95-1	5.09	4.77	4.86	4.91	3.39	ppb
Molybdenum	96-1	4.86	4.64	4.73	4.74	2.33	ppb
Molybdenum	97-1	5.21	4.67	4.94	4.94	5.43	ppb
Molybdenum	98-1	4.92	4.71	4.91	4.85	2.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.84	1.04	0.96	0.95	10.78	ppb
Phosphorus	31-2	25.65	0.91	38.51	21.69	88.12	ppb
Potassium	39-2	470.24	486.06	467.41	474.57	2.12	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	4.03	3.91	3.89	3.94	1.92	ppb
Selenium	78-2	4.30	5.18	6.13	5.21	17.58	ppb
Selenium	82-1	5.40	4.56	5.70	5.22	11.41	ppb
Silicon	28-1	-16.18	-17.23	-18.36	-17.26		ppb
Silver	109-1	1.02	1.01	0.99	1.01	1.36	ppb
Silver	107-1	0.97	0.99	0.98	0.98	1.38	ppb
Sodium	23-2	526.13	533.90	533.47	531.17	0.82	ppb
Strontium	86-1	0.77	0.83	0.87	0.82	6.29	ppb
Strontium	88-1	0.91	0.92	0.95	0.93	2.13	ppb
Sulfur	34-1	-1044.62	-1559.98	-1508.04	-1370.88		ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	0.88	0.84	1.06	0.93	12.76	ppb
Thallium	205-1	0.98	0.91	0.99	0.96	4.87	ppb
Tin	118-1	5.06	4.92	5.02	5.00	1.47	ppb
Titanium	47-1	5.02	4.75	5.35	5.04	5.97	ppb
Uranium	238-1	0.88	0.90	0.84	0.87	3.17	ppb
Vanadium	51-2	4.77	4.79	4.88	4.81	1.27	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	1.69	1.77	2.20	1.89	14.38	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:44:19	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.90	0.89	0.93	0.91	2.37	ppb
Zirconium	91-1	0.92	0.91	0.88	0.90	2.58	ppb

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-26 13:47:45 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.59	-2.32	0.53	-0.40		ppb
Antimony	121-1	0.06	0.05	0.04	0.05	11.43	ppb
Arsenic	75-2	0.04	0.00	0.04	0.02	104.41	ppb
Barium	135-1	0.01	0.06	0.00	0.03	124.92	ppb
Barium	137-1	0.01	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.02	0.04	0.02	0.02	48.56	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	-18.18	-17.32	-17.39	-17.63		ppb
Boron	11-1	-15.84	-16.82	-16.30	-16.32		ppb
Cadmium	111-1	-0.07	-0.10	-0.03	-0.06		ppb
Cadmium	106-1	-1.10	-1.57	-0.64	-1.10		ppb
Cadmium	108-1	0.02	0.03	-0.06	0.00		ppb
Calcium	43-1	-7.08	-8.82	-10.71	-8.87		ppb
Calcium	44-1	73.44	90.23	84.37	82.68	10.31	ppb
Chromium	52-2	0.16	0.18	0.18	0.17	5.67	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	759.66	ppb
Copper	63-2	0.04	0.03	0.02	0.03	29.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	56-2	0.48	-0.09	-0.46	-0.02		ppb
Iron	57-2	3.95	1.95	0.77	2.22	72.26	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.03	0.02	57.43	ppb
Lead	207-1	0.01	0.03	0.02	0.02	36.30	ppb
Lead	208-1	0.02	0.03	0.02	0.02	33.77	ppb
Lithium	6-1				94		%
Magnesium	24-2	1.02	0.47	0.88	0.79	36.70	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:47:45	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.03	-0.06	0.00		ppb
Molybdenum	94-1	0.03	0.05	0.02	0.03	58.06	ppb
Molybdenum	95-1	0.01	0.01	0.03	0.02	74.30	ppb
Molybdenum	96-1	0.01	0.02	0.02	0.02	15.76	ppb
Molybdenum	97-1	0.03	0.02	0.03	0.03	11.27	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	25.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.03	-0.04	-0.02		ppb
Phosphorus	31-2	-23.26	2.24	-10.98	-10.67		ppb
Potassium	39-2	27.74	17.01	10.52	18.42	47.19	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	77-2	1.00	-2.09	-2.09	-1.06		ppb
Selenium	78-2	1.35	0.36	-0.66	0.35	288.39	ppb
Selenium	82-1	-0.15	0.68	-0.48	0.02	3131.21	ppb
Silicon	28-1	-27.91	-26.07	-26.53	-26.84		ppb
Silver	109-1	0.00	0.01	0.01	0.01	82.93	ppb
Silver	107-1	0.00	0.01	0.00	0.00	138.13	ppb
Sodium	23-2	72.43	63.17	71.90	69.17	7.52	ppb
Strontium	86-1	-0.06	0.00	0.14	0.03	410.28	ppb
Strontium	88-1	0.00	0.00	0.01	0.00	48.27	ppb
Sulfur	34-1	-1673.26	-791.04	-834.92	-1099.74		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.03	0.01	0.02	67.37	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	47.66	ppb
Tin	118-1	0.00	-0.02	-0.03	-0.02		ppb
Titanium	47-1	0.07	0.04	-0.02	0.03	145.72	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.01	0.01	145.92	ppb
Yttrium	89-1				106		%
Yttrium	89-2				100		%
Zinc	66-2	0.07	-0.05	-0.18	-0.05		ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:47:45	DataFile Name :	014CCBE.d

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

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-26 13:51:10 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	81461.33	83719.09	85785.08	83655.17	2.59	ppb
Antimony	121-1	1.15	1.09	1.09	1.11	3.23	ppb
Arsenic	75-2	0.29	0.15	0.34	0.26	38.26	ppb
Barium	135-1	1.32	1.37	1.17	1.29	7.98	ppb
Barium	137-1	1.38	1.42	1.54	1.45	5.76	ppb
Beryllium	9-1	0.26	0.41	0.27	0.31	26.87	ppb
Bismuth	209-1				101		%
Bismuth	209-2				94		%
Boron	10-1	-17.18	-17.75	-17.68	-17.54		ppb
Boron	11-1	-15.79	-16.42	-16.33	-16.18		ppb
Cadmium	111-1	0.24	0.29	0.25	0.26	10.23	ppb
Cadmium	106-1	-2.55	-0.80	-0.84	-1.40		ppb
Cadmium	108-1	8.15	8.39	8.42	8.32	1.76	ppb
Calcium	43-1	91040.34	92424.54	88557.56	90674.14	2.16	ppb
Calcium	44-1	89850.48	90553.34	87308.92	89237.58	1.91	ppb
Chromium	52-2	18.27	19.49	19.70	19.15	4.04	ppb
Cobalt	59-2	1.05	1.00	1.14	1.06	6.82	ppb
Copper	63-2	7.55	7.87	8.36	7.93	5.13	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				104		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				93		%
Iron	56-2	94853.96	99842.42	102638.45	99111.61	3.98	ppb
Iron	57-2	97312.64	101024.79	104610.62	100982.68	3.61	ppb
Krypton	83-1						cps
Lead	206-1	4.50	4.58	4.60	4.56	1.24	ppb
Lead	207-1	3.82	4.02	3.98	3.94	2.64	ppb
Lead	208-1	4.21	4.33	4.16	4.23	2.09	ppb
Lithium	6-1				79		%
Magnesium	24-2	92698.96	96046.58	96877.75	95207.76	2.32	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:51:10	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.90	6.71	7.39	7.00	5.05	ppb
Molybdenum	94-1	1312.90	1319.28	1242.60	1291.59	3.29	ppb
Molybdenum	95-1	1856.49	1860.27	1755.22	1823.99	3.27	ppb
Molybdenum	96-1	1793.91	1764.06	1697.07	1751.68	2.83	ppb
Molybdenum	97-1	1873.80	1862.38	1769.16	1835.11	3.13	ppb
Molybdenum	98-1	1867.54	1842.23	1750.75	1820.18	3.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.29	5.24	5.34	5.29	1.00	ppb
Phosphorus	31-2	90227.02	94716.56	97495.13	94146.24	3.90	ppb
Potassium	39-2	93640.51	95578.87	97858.14	95692.51	2.21	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				90		%
Selenium	77-2	-2.09	1.21	-2.09	-0.99		ppb
Selenium	78-2	0.84	-0.13	1.54	0.75	111.34	ppb
Selenium	82-1	0.22	0.95	1.27	0.81	65.79	ppb
Silicon	28-1	-3.95	-4.04	-11.38	-6.46		ppb
Silver	109-1	0.28	0.29	0.33	0.30	9.71	ppb
Silver	107-1	0.30	0.31	0.32	0.31	3.31	ppb
Sodium	23-2	91138.95	94075.25	94831.15	93348.45	2.09	ppb
Strontium	86-1	31.90	31.45	30.08	31.15	3.05	ppb
Strontium	88-1	32.53	32.54	30.88	31.98	2.99	ppb
Sulfur	34-1	77033.81	74745.12	70778.35	74185.76	4.27	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.26	0.27	0.17	0.24	22.87	ppb
Thallium	205-1	0.25	0.20	0.19	0.21	14.17	ppb
Tin	118-1	0.10	0.10	0.09	0.10	8.11	ppb
Titanium	47-1	1893.24	1926.04	1814.65	1877.98	3.05	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	5.79	ppb
Vanadium	51-2	0.15	0.13	0.15	0.14	7.05	ppb
Yttrium	89-1				103		%
Yttrium	89-2				95		%
Zinc	66-2	12.02	11.97	12.97	12.32	4.59	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:51:10	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.02	0.01	25.17	ppb
Zirconium	91-1	0.03	0.03	0.02	0.03	23.98	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:54:28	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86218.70	89439.73	89717.24	88458.56	2.20	ppb
Antimony	121-1	22.39	21.31	18.89	20.86	8.58	ppb
Arsenic	75-2	19.48	20.63	20.96	20.36	3.80	ppb
Barium	135-1	22.92	22.10	19.36	21.46	8.68	ppb
Barium	137-1	23.68	21.65	19.18	21.50	10.48	ppb
Beryllium	9-1	24.46	23.29	21.28	23.01	7.00	ppb
Bismuth	209-1				100		%
Bismuth	209-2				90		%
Boron	10-1	69.45	62.06	59.38	63.63	8.20	ppb
Boron	11-1	72.80	66.63	58.11	65.85	11.21	ppb
Cadmium	111-1	21.13	20.06	17.30	19.50	10.11	ppb
Cadmium	106-1	18.57	15.63	13.41	15.87	16.30	ppb
Cadmium	108-1	27.96	25.35	24.25	25.85	7.38	ppb
Calcium	43-1	103658.57	96356.52	86555.63	95523.57	8.98	ppb
Calcium	44-1	102917.52	95548.20	85222.84	94562.86	9.40	ppb
Chromium	52-2	39.81	42.12	42.28	41.40	3.34	ppb
Cobalt	59-2	21.83	22.56	22.58	22.32	1.91	ppb
Copper	63-2	29.37	30.30	30.62	30.10	2.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				96		%
Indium	115-1				101		%
Indium	115-2				88		%
Iron	56-2	103792.11	106868.60	107960.17	106206.96	2.04	ppb
Iron	57-2	102933.32	108708.09	110756.01	107465.81	3.77	ppb
Krypton	83-1						cps
Lead	206-1	26.65	24.83	22.45	24.64	8.55	ppb
Lead	207-1	24.18	22.87	20.62	22.56	7.97	ppb
Lead	208-1	25.51	23.83	21.57	23.64	8.37	ppb
Lithium	6-1				66		%
Magnesium	24-2	98215.00	101398.12	103994.04	101202.39	2.86	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:54:28	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.87	28.67	29.27	28.27	4.43	ppb
Molybdenum	94-1	1533.02	1458.07	1286.61	1425.90	8.86	ppb
Molybdenum	95-1	2155.51	2043.87	1810.74	2003.37	8.78	ppb
Molybdenum	96-1	2049.00	1979.48	1734.61	1921.03	8.60	ppb
Molybdenum	97-1	2198.98	2067.68	1819.18	2028.61	9.51	ppb
Molybdenum	98-1	2145.22	2036.64	1797.02	1992.96	8.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.87	26.92	26.85	26.88	0.12	ppb
Phosphorus	31-2	97676.30	102788.36	100950.59	100471.75	2.58	ppb
Potassium	39-2	99877.23	102452.35	100936.97	101088.85	1.28	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				85		%
Selenium	77-2	27.94	8.20	11.72	15.96	66.00	ppb
Selenium	78-2	21.02	19.40	22.88	21.10	8.27	ppb
Selenium	82-1	21.29	19.64	17.29	19.40	10.35	ppb
Silicon	28-1	61.83	47.90	33.47	47.73	29.71	ppb
Silver	109-1	21.05	19.30	17.46	19.27	9.31	ppb
Silver	107-1	20.72	19.51	17.30	19.18	9.06	ppb
Sodium	23-2	97571.31	101448.11	103262.24	100760.55	2.89	ppb
Strontium	86-1	36.66	33.27	29.69	33.21	10.50	ppb
Strontium	88-1	36.97	34.48	30.56	34.01	9.50	ppb
Sulfur	34-1	85731.31	76284.97	66097.17	76037.82	12.91	ppb
Terbium	159-1				102		%
Terbium	159-2				95		%
Thallium	203-1	21.33	20.40	18.46	20.06	7.30	ppb
Thallium	205-1	21.79	20.30	18.88	20.32	7.15	ppb
Tin	118-1	68.40	65.18	57.61	63.73	8.69	ppb
Titanium	47-1	2220.77	2079.18	1824.54	2041.50	9.84	ppb
Uranium	238-1	0.02	0.01	0.01	0.02	17.14	ppb
Vanadium	51-2	19.97	20.83	20.77	20.52	2.33	ppb
Yttrium	89-1				99		%
Yttrium	89-2				90		%
Zinc	66-2	32.37	35.11	36.04	34.51	5.52	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:54:28	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.01	0.02	8.83	ppb
Zirconium	91-1	0.03	0.05	0.02	0.03	47.19	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:57:47	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50772.52	50362.02	49629.38	50254.64	1.15	ppb
Antimony	121-1	516.06	506.53	507.11	509.90	1.05	ppb
Arsenic	75-2	506.07	504.28	495.89	502.08	1.08	ppb
Barium	135-1	2533.62	2554.38	2536.79	2541.60	0.44	ppb
Barium	137-1	2520.29	2538.58	2513.07	2523.98	0.52	ppb
Beryllium	9-1	579.58	571.51	566.57	572.55	1.15	ppb
Bismuth	209-1				101		%
Bismuth	209-2				93		%
Boron	10-1	556.54	569.29	590.04	571.95	2.96	ppb
Boron	11-1	566.73	574.52	570.00	570.42	0.69	ppb
Cadmium	111-1	499.03	493.27	497.01	496.43	0.59	ppb
Cadmium	106-1	496.26	487.81	498.84	494.30	1.17	ppb
Cadmium	108-1	505.51	496.67	494.85	499.01	1.14	ppb
Calcium	43-1	237791.33	235801.04	237444.68	237012.35	0.45	ppb
Calcium	44-1	236692.82	234969.75	235057.16	235573.24	0.41	ppb
Chromium	52-2	521.70	508.76	507.34	512.60	1.54	ppb
Cobalt	59-2	510.23	503.34	498.52	504.03	1.17	ppb
Copper	63-2	1003.72	1016.91	993.57	1004.73	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				91		%
Iron	56-2	128781.91	129160.41	126394.32	128112.21	1.17	ppb
Iron	57-2	132147.34	128825.08	125965.74	128979.39	2.40	ppb
Krypton	83-1						cps
Lead	206-1	485.89	496.43	504.74	495.68	1.91	ppb
Lead	207-1	480.88	493.94	503.48	492.76	2.30	ppb
Lead	208-1	494.00	506.30	512.23	504.18	1.84	ppb
Lithium	6-1				69		%
Magnesium	24-2	247675.87	246508.10	244042.76	246075.58	0.75	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:57:47	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1021.32	997.95	990.12	1003.13	1.62	ppb
Molybdenum	94-1	2560.10	2556.45	2536.98	2551.18	0.49	ppb
Molybdenum	95-1	2554.74	2510.87	2569.01	2544.87	1.19	ppb
Molybdenum	96-1	2548.59	2500.81	2535.09	2528.16	0.97	ppb
Molybdenum	97-1	2575.50	2534.22	2557.46	2555.73	0.81	ppb
Molybdenum	98-1	2565.09	2495.12	2523.77	2527.99	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.89	510.39	501.04	509.77	1.66	ppb
Phosphorus	31-2	10172.49	9555.72	10099.33	9942.51	3.39	ppb
Potassium	39-2	121233.10	122957.75	122493.09	122227.98	0.73	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	77-2	437.61	430.23	515.73	461.19	10.27	ppb
Selenium	78-2	489.64	512.93	501.78	501.45	2.32	ppb
Selenium	82-1	498.67	488.57	500.07	495.77	1.27	ppb
Silicon	28-1	468.92	467.85	490.91	475.89	2.73	ppb
Silver	109-1	503.04	499.15	495.57	499.26	0.75	ppb
Silver	107-1	502.58	492.39	489.82	494.93	1.36	ppb
Sodium	23-2	248047.97	244667.31	243808.03	245507.77	0.91	ppb
Strontium	86-1	502.50	493.53	494.80	496.94	0.98	ppb
Strontium	88-1	505.95	500.25	503.56	503.25	0.57	ppb
Sulfur	34-1	6368.01	6498.94	6676.58	6514.51	2.38	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	500.96	519.08	524.86	514.97	2.42	ppb
Thallium	205-1	505.81	515.93	520.57	514.11	1.47	ppb
Tin	118-1	518.54	505.79	513.12	512.49	1.25	ppb
Titanium	47-1	2582.67	2568.48	2574.87	2575.34	0.28	ppb
Uranium	238-1	503.46	507.21	510.01	506.89	0.65	ppb
Vanadium	51-2	517.55	514.69	503.87	512.03	1.41	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	1017.64	1004.56	989.30	1003.83	1.41	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:57:47	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	507.55	499.07	517.08	507.90	1.77	ppb
Zirconium	91-1	501.97	498.66	502.75	501.13	0.43	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:07:28	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.08	-1.44	-0.66	-1.06		ppb
Antimony	121-1	0.09	0.12	0.19	0.13	35.12	ppb
Arsenic	75-2	0.00	0.00	-0.02	-0.01		ppb
Barium	135-1	0.02	0.01	0.04	0.02	79.58	ppb
Barium	137-1	-0.01	0.00	0.01	0.00	4162.41	ppb
Beryllium	9-1	0.05	0.04	0.05	0.04	12.90	ppb
Bismuth	209-1				106		%
Bismuth	209-2				93		%
Boron	10-1	-19.73	-20.06	-19.90	-19.90		ppb
Boron	11-1	-18.29	-19.25	-19.43	-18.99		ppb
Cadmium	111-1	-0.17	-0.10	-0.10	-0.12		ppb
Cadmium	106-1	-2.39	-1.43	-1.50	-1.77		ppb
Cadmium	108-1	0.07	0.10	-0.01	0.05	116.29	ppb
Calcium	43-1	-14.70	-12.50	-11.45	-12.88		ppb
Calcium	44-1	89.01	75.95	92.98	85.98	10.36	ppb
Chromium	52-2	0.28	0.57	0.25	0.36	49.12	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.08	0.08	0.04	0.07	33.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				95		%
Indium	115-1				105		%
Indium	115-2				90		%
Iron	56-2	0.23	0.75	0.28	0.42	67.47	ppb
Iron	57-2	0.84	2.41	1.67	1.64	47.91	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.09	0.10	0.10	6.99	ppb
Lead	207-1	0.08	0.11	0.11	0.10	19.08	ppb
Lead	208-1	0.09	0.10	0.10	0.10	7.62	ppb
Lithium	6-1				75		%
Magnesium	24-2	0.54	2.31	2.23	1.69	59.26	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:07:28	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.04	-0.02	0.00	-0.02		ppb
Molybdenum	94-1	0.04	0.07	0.10	0.07	43.03	ppb
Molybdenum	95-1	0.06	0.05	0.08	0.06	25.52	ppb
Molybdenum	96-1	0.05	0.08	0.08	0.07	29.62	ppb
Molybdenum	97-1	0.14	0.10	0.09	0.11	25.50	ppb
Molybdenum	98-1	0.08	0.06	0.10	0.08	29.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	-0.01	0.04	0.03	104.00	ppb
Phosphorus	31-2	-9.47	7.92	-9.17	-3.57		ppb
Potassium	39-2	53.98	60.83	22.82	45.88	44.16	ppb
Rhodium	103-1				102		%
Rhodium	103-2				96		%
Scandium	45-1				93		%
Scandium	45-2				85		%
Selenium	77-2	-2.09	-2.09	-2.09	-2.09		ppb
Selenium	78-2	-0.12	1.72	-0.66	0.31	400.73	ppb
Selenium	82-1	-0.20	-1.09	-0.30	-0.53		ppb
Silicon	28-1	-32.44	-36.97	-30.95	-33.45		ppb
Silver	109-1	0.04	0.02	0.03	0.03	30.69	ppb
Silver	107-1	0.02	0.03	0.02	0.02	9.12	ppb
Sodium	23-2	116.33	142.20	128.51	129.02	10.03	ppb
Strontium	86-1	-0.06	-0.01	0.02	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	96.22	ppb
Sulfur	34-1	-2207.16	-3538.93	-2280.55	-2675.55		ppb
Terbium	159-1				105		%
Terbium	159-2				95		%
Thallium	203-1	0.09	0.08	0.12	0.10	21.36	ppb
Thallium	205-1	0.08	0.11	0.13	0.11	21.83	ppb
Tin	118-1	0.02	-0.02	0.00	0.00	60720.92	ppb
Titanium	47-1	0.03	0.09	0.10	0.07	49.67	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				101		%
Yttrium	89-2				90		%
Zinc	66-2	-0.19	0.33	0.19	0.11	243.54	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:07:28	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.03	-0.01	0.04	0.02	111.90	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:10:53	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.71	21.67	22.06	19.48	21.22	ppb
Antimony	121-1	1.90	1.95	1.80	1.89	4.03	ppb
Arsenic	75-2	0.80	0.94	0.85	0.86	8.27	ppb
Barium	135-1	9.59	9.61	9.12	9.44	2.94	ppb
Barium	137-1	9.88	9.87	9.86	9.87	0.09	ppb
Beryllium	9-1	0.96	1.19	1.07	1.08	10.67	ppb
Bismuth	209-1				106		%
Bismuth	209-2				97		%
Boron	10-1	5.50	6.59	2.76	4.95	39.91	ppb
Boron	11-1	7.05	4.56	6.57	6.06	21.83	ppb
Cadmium	111-1	0.78	0.91	0.83	0.84	7.59	ppb
Cadmium	106-1	-1.38	0.43	-1.37	-0.77		ppb
Cadmium	108-1	0.93	0.71	0.78	0.81	13.80	ppb
Calcium	43-1	439.17	425.76	424.48	429.80	1.89	ppb
Calcium	44-1	560.17	559.23	535.94	551.78	2.49	ppb
Chromium	52-2	1.96	2.22	2.40	2.20	10.03	ppb
Cobalt	59-2	0.98	0.97	0.99	0.98	1.16	ppb
Copper	63-2	2.00	2.13	2.10	2.08	3.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	56-2	51.74	53.40	54.18	53.11	2.35	ppb
Iron	57-2	51.55	51.90	48.05	50.50	4.21	ppb
Krypton	83-1						cps
Lead	206-1	1.00	0.98	0.95	0.98	2.38	ppb
Lead	207-1	0.90	0.93	0.93	0.92	1.81	ppb
Lead	208-1	0.96	0.95	0.92	0.94	2.05	ppb
Lithium	6-1				74		%
Magnesium	24-2	501.95	508.36	507.15	505.82	0.67	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:10:53	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.08	0.90	0.84	0.94	13.16	ppb
Molybdenum	94-1	4.60	4.87	4.76	4.75	2.85	ppb
Molybdenum	95-1	4.81	4.82	4.69	4.77	1.49	ppb
Molybdenum	96-1	4.84	4.87	4.89	4.87	0.54	ppb
Molybdenum	97-1	5.12	4.96	4.84	4.98	2.82	ppb
Molybdenum	98-1	4.77	4.92	4.90	4.86	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.05	1.15	1.12	6.19	ppb
Phosphorus	31-2	3.81	46.02	31.74	27.19	78.97	ppb
Potassium	39-2	495.29	492.78	498.01	495.36	0.53	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	77-2	4.34	-2.09	4.47	2.24	167.29	ppb
Selenium	78-2	6.12	5.31	5.20	5.54	9.09	ppb
Selenium	82-1	4.07	6.51	5.60	5.40	22.84	ppb
Silicon	28-1	-22.07	-21.95	-24.07	-22.70		ppb
Silver	109-1	0.96	1.02	0.91	0.97	5.47	ppb
Silver	107-1	0.99	1.06	0.94	1.00	5.81	ppb
Sodium	23-2	576.31	580.01	567.49	574.60	1.12	ppb
Strontium	86-1	0.88	0.87	0.78	0.84	6.63	ppb
Strontium	88-1	0.93	0.96	0.91	0.93	2.46	ppb
Sulfur	34-1	-1582.13	-1769.70	-2174.01	-1841.95		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	1.02	1.03	0.94	1.00	4.88	ppb
Thallium	205-1	1.06	1.03	1.00	1.03	2.68	ppb
Tin	118-1	4.82	4.90	4.61	4.78	3.08	ppb
Titanium	47-1	5.21	5.06	5.08	5.12	1.65	ppb
Uranium	238-1	0.86	0.85	0.84	0.85	0.82	ppb
Vanadium	51-2	4.94	5.01	5.14	5.03	2.04	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	1.76	2.59	2.00	2.12	20.31	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:10:53	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.93	0.95	0.89	0.92	3.29	ppb
Zirconium	91-1	0.92	0.87	0.89	0.89	3.12	ppb

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : PB115773BL Instrumnet Name : P8
 Client Sample ID : PB115773BL Dilution Factor : 1
 Date & Time Acquired :: 2018-12-26 14:14:18 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.13	-0.67	0.23	-1.19		ppb
Antimony	121-1	0.03	0.04	0.04	0.03	20.32	ppb
Arsenic	75-2	-0.02	-0.05	0.01	-0.02		ppb
Barium	135-1	0.03	-0.01	-0.01	0.00	550.29	ppb
Barium	137-1	0.01	-0.01	0.00	0.00	665.34	ppb
Beryllium	9-1	0.01	0.06	0.05	0.04	67.65	ppb
Bismuth	209-1				106		%
Bismuth	209-2				95		%
Boron	10-1	-22.05	-21.53	-22.16	-21.91		ppb
Boron	11-1	-19.89	-20.45	-19.66	-20.00		ppb
Cadmium	111-1	-0.17	-0.15	-0.16	-0.16		ppb
Cadmium	106-1	-2.32	-2.07	-2.13	-2.18		ppb
Cadmium	108-1	0.15	-0.02	0.15	0.10	101.07	ppb
Calcium	43-1	-16.12	-14.51	-11.63	-14.08		ppb
Calcium	44-1	81.29	75.96	85.76	81.00	6.06	ppb
Chromium	52-2	0.36	0.24	0.30	0.30	20.47	ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.05	0.03	0.04	0.04	33.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				104		%
Indium	115-2				92		%
Iron	56-2	0.39	-0.08	0.08	0.13	182.24	ppb
Iron	57-2	-0.38	1.31	0.57	0.50	169.12	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.03	0.03	14.28	ppb
Lead	207-1	0.05	0.04	0.04	0.04	14.33	ppb
Lead	208-1	0.05	0.04	0.03	0.04	18.55	ppb
Lithium	6-1				75		%
Magnesium	24-2	1.79	4.28	0.63	2.23	83.50	ppb

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : PB115773BL Instrumnet Name : P8
 Client Sample ID : PB115773BL Dilution Factor : 1
 Date & Time Acquired :: 2018-12-26 14:14:18 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.02	-0.01	0.01	212.42	ppb
Molybdenum	94-1	0.03	0.04	0.08	0.05	51.15	ppb
Molybdenum	95-1	0.02	0.01	0.00	0.01	125.86	ppb
Molybdenum	96-1	-0.01	0.02	0.01	0.01	219.70	ppb
Molybdenum	97-1	-0.04	0.02	0.05	0.01	368.91	ppb
Molybdenum	98-1	0.00	0.01	0.02	0.01	95.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.01	0.02	0.02	59.82	ppb
Phosphorus	31-2	5.17	-9.20	32.66	9.54	222.86	ppb
Potassium	39-2	51.62	20.64	31.71	34.66	45.29	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				92		%
Scandium	45-2				87		%
Selenium	77-2	4.69	-2.09	-2.09	0.17	2302.32	ppb
Selenium	78-2	0.99	2.07	-0.11	0.98	111.18	ppb
Selenium	82-1	-1.44	0.19	0.11	-0.38		ppb
Silicon	28-1	-32.02	-27.80	-30.68	-30.17		ppb
Silver	109-1	0.01	0.02	0.01	0.01	50.99	ppb
Silver	107-1	0.00	0.01	0.02	0.01	111.52	ppb
Sodium	23-2	107.96	96.28	98.64	100.96	6.12	ppb
Strontium	86-1	-0.06	-0.18	0.01	-0.08		ppb
Strontium	88-1	0.01	0.00	0.01	0.00	9.10	ppb
Sulfur	34-1	-1774.55	-2487.11	-1874.80	-2045.49		ppb
Terbium	159-1				104		%
Terbium	159-2				96		%
Thallium	203-1	0.08	0.06	0.04	0.06	32.36	ppb
Thallium	205-1	0.07	0.06	0.08	0.07	15.77	ppb
Tin	118-1	0.04	0.05	0.03	0.04	26.05	ppb
Titanium	47-1	0.07	0.06	0.02	0.05	46.58	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				101		%
Yttrium	89-2				91		%
Zinc	66-2	0.20	-0.02	0.10	0.09	113.84	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	PB115773BL	Instrumnet Name :	P8
Client Sample ID :	PB115773BL	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:14:18	DataFile Name :	020CCBE.d

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

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	PB115773BS	Instrumnet Name :	P8
Client Sample ID :	PB115773BS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:17:43	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9701.42	9752.35	9375.75	9609.84	2.13	ppb
Antimony	121-1	513.18	507.38	503.20	507.92	0.99	ppb
Arsenic	75-2	497.05	506.75	499.01	500.94	1.02	ppb
Barium	135-1	2521.16	2512.30	2471.45	2501.64	1.06	ppb
Barium	137-1	2509.18	2525.57	2479.06	2504.60	0.94	ppb
Beryllium	9-1	567.39	547.47	556.11	556.99	1.79	ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Boron	10-1	534.24	537.30	538.83	536.79	0.44	ppb
Boron	11-1	539.81	546.08	555.01	546.96	1.40	ppb
Cadmium	111-1	498.19	496.19	493.66	496.01	0.46	ppb
Cadmium	106-1	496.43	498.14	487.74	494.10	1.13	ppb
Cadmium	108-1	505.98	503.52	491.21	500.23	1.58	ppb
Calcium	43-1	48201.24	47451.43	47727.51	47793.39	0.79	ppb
Calcium	44-1	48845.77	47803.46	47869.01	48172.75	1.21	ppb
Chromium	52-2	508.03	518.51	501.62	509.39	1.67	ppb
Cobalt	59-2	509.20	515.00	503.55	509.25	1.12	ppb
Copper	63-2	1057.41	1032.13	1017.28	1035.61	1.96	ppb
Dysprosium	156-1						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				104		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	56-2	26287.07	26363.49	25840.27	26163.61	1.08	ppb
Iron	57-2	25795.74	26140.05	25650.39	25862.06	0.97	ppb
Krypton	83-1						cps
Lead	206-1	496.72	497.65	495.28	496.55	0.24	ppb
Lead	207-1	488.24	487.17	480.32	485.25	0.89	ppb
Lead	208-1	503.79	497.58	495.05	498.81	0.90	ppb
Lithium	6-1				77		%
Magnesium	24-2	54906.02	54144.87	53777.55	54276.15	1.06	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	PB115773BS	Instrumnet Name :	P8
Client Sample ID :	PB115773BS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:17:43	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1006.15	1012.81	993.06	1004.00	1.00	ppb
Molybdenum	94-1	2569.96	2509.87	2468.84	2516.23	2.02	ppb
Molybdenum	95-1	2549.76	2529.61	2441.76	2507.05	2.29	ppb
Molybdenum	96-1	2559.37	2533.59	2451.80	2514.92	2.23	ppb
Molybdenum	97-1	2620.32	2542.52	2482.54	2548.46	2.71	ppb
Molybdenum	98-1	2606.61	2524.90	2431.64	2521.05	3.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.21	519.85	506.40	513.16	1.31	ppb
Phosphorus	31-2	9752.41	10206.83	9808.31	9922.51	2.50	ppb
Potassium	39-2	24514.07	24826.21	24540.24	24626.84	0.70	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	77-2	499.67	503.16	482.01	494.95	2.29	ppb
Selenium	78-2	486.66	476.89	513.93	492.49	3.90	ppb
Selenium	82-1	505.04	499.92	490.19	498.38	1.51	ppb
Silicon	28-1	484.96	470.21	477.45	477.54	1.54	ppb
Silver	109-1	504.17	504.73	498.60	502.50	0.67	ppb
Silver	107-1	503.90	502.76	501.82	502.82	0.21	ppb
Sodium	23-2	50944.30	52018.26	50128.43	51030.33	1.86	ppb
Strontium	86-1	496.89	496.10	488.23	493.74	0.97	ppb
Strontium	88-1	512.47	504.93	504.55	507.32	0.88	ppb
Sulfur	34-1	8213.87	7307.69	7523.34	7681.64	6.16	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	514.29	511.85	507.60	511.25	0.66	ppb
Thallium	205-1	507.38	512.19	502.35	507.31	0.97	ppb
Tin	118-1	512.25	513.21	508.38	511.28	0.50	ppb
Titanium	47-1	2602.29	2521.10	2472.48	2531.95	2.59	ppb
Uranium	238-1	506.03	497.11	488.51	497.22	1.76	ppb
Vanadium	51-2	503.75	509.84	501.02	504.87	0.89	ppb
Yttrium	89-1				103		%
Yttrium	89-2				96		%
Zinc	66-2	1049.46	1042.85	1006.34	1032.88	2.25	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	PB115773BS	Instrumnet Name :	P8
Client Sample ID :	PB115773BS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:17:43	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	516.82	507.14	497.94	507.30	1.86	ppb
Zirconium	91-1	501.35	502.67	485.36	496.46	1.94	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-01	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:20:59	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	126695.34	134044.44	133152.17	131297.32	3.05	ppb
Antimony	121-1	0.44	0.43	0.42	0.43	2.23	ppb
Arsenic	75-2	56.01	57.11	57.42	56.85	1.30	ppb
Barium	135-1	1830.81	1956.96	1917.38	1901.72	3.39	ppb
Barium	137-1	1850.98	1937.50	1886.28	1891.59	2.30	ppb
Beryllium	9-1	8.80	9.39	9.31	9.17	3.52	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	-0.49	-2.03	-0.68	-1.06		ppb
Boron	11-1	0.79	1.47	-1.14	0.37	363.07	ppb
Cadmium	111-1	2.83	3.02	3.06	2.97	4.07	ppb
Cadmium	106-1	11.81	12.62	12.11	12.18	3.37	ppb
Cadmium	108-1	7.09	7.34	7.91	7.44	5.64	ppb
Calcium	43-1	11602.83	12429.05	11974.86	12002.25	3.45	ppb
Calcium	44-1	11739.29	12649.59	12231.81	12206.90	3.73	ppb
Chromium	52-2	172.14	182.09	180.98	178.40	3.06	ppb
Cobalt	59-2	126.65	134.99	134.92	132.19	3.63	ppb
Copper	63-2	332.07	356.53	356.09	348.23	4.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	314818.61	342313.40	338736.50	331956.17	4.50	ppb
Iron	57-2	313687.34	337584.73	337476.81	329582.96	4.18	ppb
Krypton	83-1						cps
Lead	206-1	980.38	1021.41	1010.02	1003.94	2.11	ppb
Lead	207-1	905.70	974.12	919.67	933.17	3.87	ppb
Lead	208-1	936.01	989.61	956.23	960.62	2.82	ppb
Lithium	6-1				73		%
Magnesium	24-2	56911.50	60610.73	59619.30	59047.18	3.24	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-01	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:20:59	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	15075.25	16432.16	16232.62	15913.34	4.60	ppb
Molybdenum	94-1	61.34	63.18	60.82	61.78	2.00	ppb
Molybdenum	95-1	6.54	6.62	6.51	6.56	0.83	ppb
Molybdenum	96-1	13.47	13.99	13.70	13.72	1.87	ppb
Molybdenum	97-1	6.46	6.86	6.86	6.73	3.42	ppb
Molybdenum	98-1	6.34	6.92	6.68	6.65	4.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	242.05	259.27	258.41	253.24	3.83	ppb
Phosphorus	31-2	4362.84	4786.10	5277.57	4808.84	9.52	ppb
Potassium	39-2	6725.53	7143.94	7030.82	6966.76	3.11	ppb
Rhodium	103-1				95		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	77-2	215.43	251.78	262.83	243.35	10.19	ppb
Selenium	78-2	48.12	52.93	50.27	50.44	4.78	ppb
Selenium	82-1	3.82	3.73	3.33	3.63	7.19	ppb
Silicon	28-1	6152.75	6593.81	6290.00	6345.52	3.56	ppb
Silver	109-1	0.38	0.38	0.34	0.37	5.95	ppb
Silver	107-1	0.37	0.44	0.44	0.42	10.19	ppb
Sodium	23-2	711.32	753.91	759.45	741.56	3.55	ppb
Strontium	86-1	48.33	51.01	49.07	49.47	2.79	ppb
Strontium	88-1	49.54	52.27	51.03	50.95	2.69	ppb
Sulfur	34-1	-7855.44	-7310.12	-8363.90	-7843.16		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.69	0.72	0.80	0.74	7.34	ppb
Thallium	205-1	0.78	0.83	0.78	0.80	3.26	ppb
Tin	118-1	2.21	2.37	2.35	2.31	3.92	ppb
Titanium	47-1	161.70	172.93	167.16	167.26	3.36	ppb
Uranium	238-1	4.25	4.70	4.41	4.45	5.07	ppb
Vanadium	51-2	158.44	168.56	168.44	165.15	3.51	ppb
Yttrium	89-1				150		%
Yttrium	89-2				146		%
Zinc	66-2	1243.59	1338.22	1339.73	1307.18	4.21	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-01	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:20:59	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	37.22	38.87	38.07	38.05	2.17	ppb
Zirconium	91-1	36.81	38.81	37.52	37.72	2.69	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-02	Instrumnet Name :	P8
Client Sample ID :	P001-SS015-0612-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:24:19	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	80090.77	80018.71	79759.01	79956.16	0.22	ppb
Antimony	121-1	1.23	1.20	1.13	1.19	4.57	ppb
Arsenic	75-2	24.90	24.82	25.67	25.13	1.86	ppb
Barium	135-1	1759.41	1778.53	1722.71	1753.55	1.62	ppb
Barium	137-1	1766.53	1778.11	1721.48	1755.37	1.70	ppb
Beryllium	9-1	3.70	3.57	3.81	3.69	3.37	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	-6.18	-10.39	-11.95	-9.51		ppb
Boron	11-1	-5.25	-9.79	-10.16	-8.40		ppb
Cadmium	111-1	1.66	1.70	1.58	1.65	3.43	ppb
Cadmium	106-1	2.72	4.08	2.57	3.13	26.68	ppb
Cadmium	108-1	1.84	2.56	2.68	2.36	19.25	ppb
Calcium	43-1	3581.84	3527.21	3495.71	3534.92	1.23	ppb
Calcium	44-1	3671.50	3634.14	3563.03	3622.89	1.52	ppb
Chromium	52-2	92.87	91.42	89.97	91.42	1.59	ppb
Cobalt	59-2	27.60	27.60	27.25	27.48	0.73	ppb
Copper	63-2	268.10	264.98	264.16	265.75	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	56-2	103986.50	104497.90	104860.08	104448.16	0.42	ppb
Iron	57-2	105663.35	107147.65	105416.78	106075.92	0.88	ppb
Krypton	83-1						cps
Lead	206-1	639.36	629.54	616.06	628.32	1.86	ppb
Lead	207-1	595.43	588.30	579.83	587.85	1.33	ppb
Lead	208-1	616.13	609.84	597.78	607.92	1.53	ppb
Lithium	6-1				71		%
Magnesium	24-2	12793.81	12690.25	12675.62	12719.89	0.51	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-02	Instrumnet Name :	P8
Client Sample ID :	P001-SS015-0612-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:24:19	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	634.62	643.20	636.68	638.16	0.70	ppb
Molybdenum	94-1	20.95	21.13	20.57	20.88	1.38	ppb
Molybdenum	95-1	5.06	5.13	4.96	5.05	1.67	ppb
Molybdenum	96-1	7.48	6.97	7.17	7.21	3.58	ppb
Molybdenum	97-1	5.57	5.24	5.05	5.28	4.98	ppb
Molybdenum	98-1	5.06	5.03	5.10	5.07	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	87.79	89.52	89.20	88.84	1.03	ppb
Phosphorus	31-2	5773.10	5351.06	6540.64	5888.27	10.24	ppb
Potassium	39-2	2622.36	2581.35	2606.12	2603.27	0.79	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	77-2	128.03	111.54	115.01	118.19	7.35	ppb
Selenium	78-2	35.56	28.95	29.59	31.36	11.63	ppb
Selenium	82-1	7.37	7.50	7.58	7.48	1.37	ppb
Silicon	28-1	8455.28	8326.64	8320.99	8367.63	0.91	ppb
Silver	109-1	0.55	0.49	0.50	0.52	6.02	ppb
Silver	107-1	0.53	0.53	0.50	0.52	3.42	ppb
Sodium	23-2	796.94	805.24	773.85	792.01	2.05	ppb
Strontium	86-1	37.49	37.76	36.19	37.15	2.26	ppb
Strontium	88-1	39.04	38.11	37.44	38.20	2.11	ppb
Sulfur	34-1	4708.95	4507.19	4055.47	4423.87	7.56	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.86	0.98	1.00	0.95	8.11	ppb
Thallium	205-1	0.94	0.91	0.95	0.93	2.05	ppb
Tin	118-1	3.93	3.96	3.92	3.94	0.64	ppb
Titanium	47-1	196.17	197.16	199.48	197.60	0.86	ppb
Uranium	238-1	4.04	4.09	4.04	4.06	0.63	ppb
Vanadium	51-2	118.41	121.09	117.95	119.15	1.42	ppb
Yttrium	89-1				122		%
Yttrium	89-2				116		%
Zinc	66-2	316.03	309.26	313.81	313.03	1.10	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-02	Instrumnet Name :	P8
Client Sample ID :	P001-SS015-0612-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:24:19	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	11.72	11.72	11.23	11.56	2.47	ppb
Zirconium	91-1	11.71	11.84	11.09	11.55	3.46	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-03	Instrumnet Name :	P8
Client Sample ID :	P001-SS016-0006-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:27:41	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	119324.94	107714.93	105961.66	111000.51	6.54	ppb
Antimony	121-1	0.49	0.46	0.54	0.50	8.11	ppb
Arsenic	75-2	32.59	30.80	30.25	31.21	3.92	ppb
Barium	135-1	1674.12	1617.02	1797.48	1696.20	5.44	ppb
Barium	137-1	1667.52	1644.94	1806.80	1706.42	5.14	ppb
Beryllium	9-1	6.04	5.73	6.45	6.07	5.99	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	-10.95	-8.79	-7.12	-8.95		ppb
Boron	11-1	-8.14	-9.09	-7.19	-8.14		ppb
Cadmium	111-1	2.33	2.44	2.50	2.42	3.45	ppb
Cadmium	106-1	6.29	6.49	7.15	6.64	6.77	ppb
Cadmium	108-1	3.87	3.67	4.83	4.12	15.02	ppb
Calcium	43-1	14518.70	13918.07	15171.45	14536.07	4.31	ppb
Calcium	44-1	14911.79	14157.29	15533.45	14867.51	4.64	ppb
Chromium	52-2	146.24	133.34	130.58	136.72	6.11	ppb
Cobalt	59-2	83.80	75.68	76.01	78.50	5.86	ppb
Copper	63-2	205.37	189.21	184.69	193.09	5.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	56-2	244602.61	223269.51	219109.49	228993.87	5.97	ppb
Iron	57-2	242300.07	219923.78	215473.68	225899.18	6.36	ppb
Krypton	83-1						cps
Lead	206-1	256.71	243.80	264.33	254.95	4.07	ppb
Lead	207-1	234.99	224.60	244.04	234.54	4.15	ppb
Lead	208-1	244.66	235.93	255.99	245.53	4.10	ppb
Lithium	6-1				71		%
Magnesium	24-2	43164.56	38937.95	38190.45	40097.65	6.69	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-03	Instrumnet Name :	P8
Client Sample ID :	P001-SS016-0006-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:27:41	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7177.07	6502.81	6481.74	6720.54	5.89	ppb
Molybdenum	94-1	32.58	32.22	34.54	33.11	3.77	ppb
Molybdenum	95-1	4.01	4.03	4.19	4.08	2.35	ppb
Molybdenum	96-1	7.65	7.47	8.06	7.73	3.89	ppb
Molybdenum	97-1	3.75	3.92	4.34	4.00	7.51	ppb
Molybdenum	98-1	4.03	3.91	4.30	4.08	4.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	204.25	187.34	185.60	192.40	5.35	ppb
Phosphorus	31-2	7849.17	6428.44	6781.68	7019.77	10.54	ppb
Potassium	39-2	6498.31	5984.50	5846.89	6109.90	5.62	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	77-2	157.36	145.45	148.15	150.32	4.15	ppb
Selenium	78-2	40.59	40.23	34.49	38.44	8.91	ppb
Selenium	82-1	7.27	6.92	8.45	7.55	10.63	ppb
Silicon	28-1	9945.70	9602.27	10274.30	9940.75	3.38	ppb
Silver	109-1	0.33	0.26	0.35	0.31	14.62	ppb
Silver	107-1	0.37	0.32	0.33	0.34	8.44	ppb
Sodium	23-2	709.19	653.66	628.45	663.77	6.22	ppb
Strontium	86-1	92.27	93.01	97.54	94.27	3.02	ppb
Strontium	88-1	95.98	95.48	102.55	98.00	4.03	ppb
Sulfur	34-1	-3334.76	-4566.87	-3043.39	-3648.34		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.68	0.66	0.73	0.69	4.92	ppb
Thallium	205-1	0.66	0.62	0.63	0.64	3.13	ppb
Tin	118-1	1.39	1.36	1.47	1.41	3.86	ppb
Titanium	47-1	218.32	213.81	225.04	219.06	2.58	ppb
Uranium	238-1	7.69	7.34	7.92	7.65	3.79	ppb
Vanadium	51-2	184.72	168.60	165.36	172.89	6.00	ppb
Yttrium	89-1				124		%
Yttrium	89-2				119		%
Zinc	66-2	691.65	628.16	623.00	647.60	5.90	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-03	Instrumnet Name :	P8
Client Sample ID :	P001-SS016-0006-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:27:41	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	19.79	19.56	20.54	19.96	2.55	ppb
Zirconium	91-1	19.30	19.92	20.83	20.02	3.86	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-05	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:31:03	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	70864.25	68751.73	63349.14	67655.04	5.73	ppb
Antimony	121-1	0.79	0.74	0.73	0.75	4.60	ppb
Arsenic	75-2	38.81	39.18	35.42	37.80	5.48	ppb
Barium	135-1	645.69	612.02	638.47	632.06	2.80	ppb
Barium	137-1	641.18	614.35	639.99	631.84	2.40	ppb
Beryllium	9-1	4.52	4.04	4.86	4.48	9.19	ppb
Bismuth	209-1				104		%
Bismuth	209-2				92		%
Boron	10-1	18.90	14.49	15.15	16.18	14.70	ppb
Boron	11-1	16.31	13.81	17.84	15.99	12.72	ppb
Cadmium	111-1	2.36	2.30	2.33	2.33	1.20	ppb
Cadmium	106-1	7.60	6.63	7.31	7.18	6.89	ppb
Cadmium	108-1	5.63	4.92	6.73	5.76	15.85	ppb
Calcium	43-1	95461.43	90806.60	94169.12	93479.05	2.57	ppb
Calcium	44-1	95968.63	88994.07	92097.03	92353.24	3.78	ppb
Chromium	52-2	162.76	158.56	146.06	155.79	5.58	ppb
Cobalt	59-2	69.96	67.69	62.51	66.72	5.73	ppb
Copper	63-2	348.91	339.72	310.15	332.93	6.08	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				106		%
Holmium	165-2				99		%
Indium	115-1				105		%
Indium	115-2				92		%
Iron	56-2	192005.26	185955.56	172331.21	183430.68	5.49	ppb
Iron	57-2	191348.00	191583.26	174456.19	185795.82	5.29	ppb
Krypton	83-1						cps
Lead	206-1	478.89	460.82	471.96	470.56	1.94	ppb
Lead	207-1	436.49	416.69	431.72	428.30	2.41	ppb
Lead	208-1	465.46	442.73	459.24	455.81	2.58	ppb
Lithium	6-1				70		%
Magnesium	24-2	47844.35	45000.01	42611.20	45151.86	5.80	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-05	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:31:03	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5417.64	5302.41	4855.50	5191.85	5.72	ppb
Molybdenum	94-1	58.73	55.93	57.66	57.44	2.46	ppb
Molybdenum	95-1	7.99	7.52	7.83	7.78	3.12	ppb
Molybdenum	96-1	14.47	13.71	14.38	14.18	2.94	ppb
Molybdenum	97-1	7.75	7.46	8.36	7.85	5.84	ppb
Molybdenum	98-1	7.86	7.67	7.89	7.80	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	173.03	167.63	154.07	164.91	5.92	ppb
Phosphorus	31-2	8687.96	8195.09	7416.59	8099.88	7.91	ppb
Potassium	39-2	8811.56	8682.32	7832.90	8442.26	6.30	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	77-2	154.49	195.85	191.26	180.53	12.56	ppb
Selenium	78-2	28.85	30.59	28.26	29.23	4.14	ppb
Selenium	82-1	2.92	2.10	3.40	2.81	23.44	ppb
Silicon	28-1	8441.17	7963.74	8500.43	8301.78	3.54	ppb
Silver	109-1	2.59	2.60	2.69	2.63	2.04	ppb
Silver	107-1	2.66	2.61	2.69	2.65	1.43	ppb
Sodium	23-2	859.47	821.15	742.31	807.64	7.40	ppb
Strontium	86-1	257.72	247.59	255.63	253.65	2.11	ppb
Strontium	88-1	263.71	254.73	257.60	258.68	1.77	ppb
Sulfur	34-1	-3123.22	-4382.62	-3215.46	-3573.77		ppb
Terbium	159-1				106		%
Terbium	159-2				97		%
Thallium	203-1	0.50	0.47	0.46	0.48	3.57	ppb
Thallium	205-1	0.48	0.45	0.50	0.48	5.39	ppb
Tin	118-1	3.42	3.02	3.35	3.26	6.66	ppb
Titanium	47-1	285.92	263.66	277.93	275.83	4.09	ppb
Uranium	238-1	2.73	2.67	2.74	2.71	1.38	ppb
Vanadium	51-2	128.12	127.12	116.22	123.82	5.33	ppb
Yttrium	89-1				126		%
Yttrium	89-2				114		%
Zinc	66-2	1113.74	1089.26	998.64	1067.21	5.68	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-05	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:31:03	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	35.44	34.01	34.92	34.79	2.08	ppb
Zirconium	91-1	35.57	34.11	34.37	34.68	2.23	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-06	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:34:23	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101155.71	96578.45	102418.75	100050.97	3.07	ppb
Antimony	121-1	0.20	0.23	0.22	0.22	7.06	ppb
Arsenic	75-2	48.71	46.47	48.19	47.79	2.45	ppb
Barium	135-1	617.22	589.12	603.74	603.36	2.33	ppb
Barium	137-1	618.18	592.79	603.40	604.79	2.11	ppb
Beryllium	9-1	6.98	6.26	6.19	6.48	6.73	ppb
Bismuth	209-1				98		%
Bismuth	209-2				88		%
Boron	10-1	1.39	3.31	5.12	3.28	56.93	ppb
Boron	11-1	2.81	2.75	4.28	3.28	26.45	ppb
Cadmium	111-1	1.75	1.60	1.86	1.74	7.51	ppb
Cadmium	106-1	9.87	10.17	11.72	10.59	9.37	ppb
Cadmium	108-1	5.26	6.11	6.25	5.87	9.11	ppb
Calcium	43-1	108067.96	107810.05	107686.29	107854.77	0.18	ppb
Calcium	44-1	106442.31	105000.34	103817.34	105086.66	1.25	ppb
Chromium	52-2	161.53	158.12	163.55	161.06	1.70	ppb
Cobalt	59-2	101.52	97.72	102.67	100.64	2.58	ppb
Copper	63-2	277.54	265.10	277.32	273.32	2.60	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				102		%
Holmium	165-2				96		%
Indium	115-1				101		%
Indium	115-2				88		%
Iron	56-2	280485.32	271431.05	288077.32	279997.90	2.98	ppb
Iron	57-2	279257.41	273050.10	289274.59	280527.37	2.92	ppb
Krypton	83-1						cps
Lead	206-1	173.61	166.46	168.90	169.66	2.14	ppb
Lead	207-1	157.36	151.66	153.66	154.23	1.88	ppb
Lead	208-1	166.28	159.12	161.56	162.32	2.24	ppb
Lithium	6-1				67		%
Magnesium	24-2	77320.09	73619.35	78163.11	76367.52	3.16	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-06	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:34:23	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7093.62	6764.09	7047.35	6968.35	2.56	ppb
Molybdenum	94-1	72.65	71.13	73.50	72.43	1.66	ppb
Molybdenum	95-1	3.66	3.55	3.87	3.69	4.48	ppb
Molybdenum	96-1	12.38	12.10	12.51	12.33	1.68	ppb
Molybdenum	97-1	3.72	3.71	3.52	3.65	3.12	ppb
Molybdenum	98-1	3.64	3.63	3.60	3.62	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	243.29	235.00	245.47	241.25	2.29	ppb
Phosphorus	31-2	6197.65	6605.11	6657.59	6486.78	3.88	ppb
Potassium	39-2	9437.43	8973.74	9452.77	9287.98	2.93	ppb
Rhodium	103-1				97		%
Rhodium	103-2				92		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	77-2	191.69	171.81	247.41	203.64	19.24	ppb
Selenium	78-2	32.46	34.84	35.26	34.19	4.41	ppb
Selenium	82-1	2.82	3.15	3.02	3.00	5.62	ppb
Silicon	28-1	5478.79	5432.29	5342.99	5418.02	1.27	ppb
Silver	109-1	0.40	0.38	0.36	0.38	4.83	ppb
Silver	107-1	0.48	0.40	0.39	0.42	11.66	ppb
Sodium	23-2	882.21	856.38	927.33	888.64	4.04	ppb
Strontium	86-1	281.27	274.34	278.20	277.94	1.25	ppb
Strontium	88-1	290.02	283.15	291.41	288.19	1.53	ppb
Sulfur	34-1	-5936.83	-5929.24	-6273.06	-6046.38		ppb
Terbium	159-1				103		%
Terbium	159-2				95		%
Thallium	203-1	0.62	0.52	0.57	0.57	8.93	ppb
Thallium	205-1	0.57	0.53	0.57	0.56	3.97	ppb
Tin	118-1	1.59	1.47	1.45	1.51	5.16	ppb
Titanium	47-1	208.75	207.35	207.13	207.74	0.42	ppb
Uranium	238-1	3.62	3.58	3.77	3.66	2.66	ppb
Vanadium	51-2	150.22	145.49	153.02	149.57	2.54	ppb
Yttrium	89-1				131		%
Yttrium	89-2				121		%
Zinc	66-2	792.94	765.77	799.61	786.11	2.28	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-06	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:34:23	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	46.96	46.02	46.91	46.63	1.13	ppb
Zirconium	91-1	46.76	45.55	46.57	46.29	1.41	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-07	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:37:45	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85388.59	87672.56	84575.72	85878.96	1.87	ppb
Antimony	121-1	0.12	0.12	0.18	0.14	24.75	ppb
Arsenic	75-2	37.39	38.62	37.49	37.83	1.81	ppb
Barium	135-1	1358.82	1312.98	1450.30	1374.03	5.09	ppb
Barium	137-1	1367.79	1334.71	1452.76	1385.09	4.40	ppb
Beryllium	9-1	9.37	9.71	10.20	9.76	4.25	ppb
Bismuth	209-1				94		%
Bismuth	209-2				87		%
Boron	10-1	37.08	34.95	37.04	36.36	3.36	ppb
Boron	11-1	35.77	34.98	41.24	37.33	9.14	ppb
Cadmium	111-1	1.48	1.60	1.85	1.64	11.35	ppb
Cadmium	106-1	10.10	11.18	13.68	11.65	15.79	ppb
Cadmium	108-1	5.62	5.49	5.50	5.54	1.33	ppb
Calcium	43-1	99930.91	97313.67	108233.69	101826.09	5.60	ppb
Calcium	44-1	99685.60	96081.96	107520.95	101096.17	5.79	ppb
Chromium	52-2	117.20	123.34	118.54	119.69	2.70	ppb
Cobalt	59-2	80.89	83.30	80.35	81.51	1.93	ppb
Copper	63-2	191.31	200.77	192.61	194.90	2.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				94		%
Indium	115-1				96		%
Indium	115-2				87		%
Iron	56-2	209347.25	217430.68	208808.36	211862.09	2.28	ppb
Iron	57-2	213384.39	217602.07	211315.82	214100.76	1.50	ppb
Krypton	83-1						cps
Lead	206-1	219.90	220.15	241.98	227.34	5.57	ppb
Lead	207-1	198.81	197.17	217.24	204.41	5.45	ppb
Lead	208-1	209.49	208.76	229.02	215.76	5.33	ppb
Lithium	6-1				62		%
Magnesium	24-2	57963.63	61295.95	57352.77	58870.78	3.61	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-07	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:37:45	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5846.14	6088.55	5786.15	5906.95	2.71	ppb
Molybdenum	94-1	80.41	78.73	86.38	81.84	4.91	ppb
Molybdenum	95-1	2.73	2.60	3.01	2.78	7.48	ppb
Molybdenum	96-1	12.30	12.18	13.39	12.62	5.29	ppb
Molybdenum	97-1	2.67	2.77	2.89	2.78	4.10	ppb
Molybdenum	98-1	2.72	2.69	3.05	2.82	7.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	184.86	192.83	185.43	187.71	2.37	ppb
Phosphorus	31-2	4702.36	4925.54	4861.03	4829.64	2.38	ppb
Potassium	39-2	13425.66	13840.98	13442.61	13569.75	1.73	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				89		%
Selenium	77-2	248.32	272.13	270.77	263.74	5.07	ppb
Selenium	78-2	38.03	38.15	37.61	37.93	0.75	ppb
Selenium	82-1	2.57	2.61	3.50	2.89	18.20	ppb
Silicon	28-1	5402.95	5223.95	5866.06	5497.66	6.03	ppb
Silver	109-1	0.49	0.46	0.48	0.47	3.56	ppb
Silver	107-1	0.50	0.53	0.58	0.54	7.61	ppb
Sodium	23-2	1055.32	1151.85	1059.29	1088.82	5.02	ppb
Strontium	86-1	273.98	270.67	298.99	281.21	5.50	ppb
Strontium	88-1	284.09	280.00	304.31	289.46	4.50	ppb
Sulfur	34-1	-5483.21	-6280.87	-4380.84	-5381.64		ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	0.93	0.96	1.14	1.01	11.14	ppb
Thallium	205-1	1.00	0.97	1.11	1.03	7.32	ppb
Tin	118-1	1.18	1.12	1.28	1.19	6.59	ppb
Titanium	47-1	130.26	123.36	138.46	130.69	5.78	ppb
Uranium	238-1	17.97	17.57	19.73	18.42	6.23	ppb
Vanadium	51-2	113.45	117.21	111.88	114.18	2.40	ppb
Yttrium	89-1				130		%
Yttrium	89-2				124		%
Zinc	66-2	630.19	659.40	634.22	641.27	2.47	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-07	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:37:45	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	52.36	50.73	55.89	52.99	4.97	ppb
Zirconium	91-1	52.00	51.46	55.39	52.95	4.02	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-08	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:41:05	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99083.50	100007.57	99116.33	99402.47	0.53	ppb
Antimony	121-1	0.60	0.60	0.55	0.58	4.94	ppb
Arsenic	75-2	47.21	45.63	45.96	46.26	1.80	ppb
Barium	135-1	1306.74	1247.85	1282.08	1278.89	2.31	ppb
Barium	137-1	1324.03	1257.01	1298.23	1293.09	2.61	ppb
Beryllium	9-1	7.22	6.90	7.52	7.22	4.31	ppb
Bismuth	209-1				98		%
Bismuth	209-2				89		%
Boron	10-1	2.09	0.98	2.84	1.97	47.27	ppb
Boron	11-1	1.43	2.02	2.57	2.01	28.44	ppb
Cadmium	111-1	2.67	2.62	2.46	2.58	4.17	ppb
Cadmium	106-1	10.07	10.33	10.42	10.27	1.80	ppb
Cadmium	108-1	5.64	5.68	4.81	5.38	9.21	ppb
Calcium	43-1	105432.73	98417.33	107027.44	103625.83	4.42	ppb
Calcium	44-1	103220.60	99020.77	103690.97	101977.45	2.52	ppb
Chromium	52-2	150.69	153.38	150.96	151.67	0.98	ppb
Cobalt	59-2	93.34	93.47	93.38	93.40	0.07	ppb
Copper	63-2	263.17	264.60	263.86	263.88	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				89		%
Iron	56-2	271055.94	278735.92	277000.37	275597.41	1.46	ppb
Iron	57-2	270933.72	273369.46	276148.48	273483.89	0.95	ppb
Krypton	83-1						cps
Lead	206-1	192.88	178.35	185.46	185.56	3.91	ppb
Lead	207-1	175.94	166.50	169.75	170.73	2.81	ppb
Lead	208-1	185.02	173.34	179.00	179.12	3.26	ppb
Lithium	6-1				65		%
Magnesium	24-2	73144.56	74014.39	72751.84	73303.60	0.88	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-08	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:41:05	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7177.85	7294.78	7160.22	7210.95	1.01	ppb
Molybdenum	94-1	63.63	60.66	62.59	62.30	2.42	ppb
Molybdenum	95-1	6.83	6.26	6.61	6.57	4.36	ppb
Molybdenum	96-1	13.68	13.06	13.50	13.41	2.39	ppb
Molybdenum	97-1	6.67	6.37	6.52	6.52	2.28	ppb
Molybdenum	98-1	6.66	6.30	6.42	6.46	2.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	235.59	235.35	234.55	235.16	0.23	ppb
Phosphorus	31-2	5171.08	4733.04	4926.39	4943.50	4.44	ppb
Potassium	39-2	8479.48	8503.70	8566.52	8516.57	0.53	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	77-2	217.76	167.51	236.79	207.35	17.26	ppb
Selenium	78-2	35.87	29.76	29.79	31.80	11.07	ppb
Selenium	82-1	2.52	3.11	3.08	2.90	11.48	ppb
Silicon	28-1	10390.32	9924.20	10401.46	10238.66	2.66	ppb
Silver	109-1	0.94	0.85	0.91	0.90	5.11	ppb
Silver	107-1	0.98	0.94	0.91	0.94	3.89	ppb
Sodium	23-2	860.27	852.34	861.99	858.20	0.60	ppb
Strontium	86-1	255.29	246.22	253.71	251.74	1.92	ppb
Strontium	88-1	267.00	256.22	260.75	261.32	2.07	ppb
Sulfur	34-1	-6607.41	-7304.00	-6765.02	-6892.14		ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	1.16	1.06	1.08	1.10	4.75	ppb
Thallium	205-1	1.21	1.15	1.13	1.17	3.67	ppb
Tin	118-1	1.46	1.62	1.66	1.58	6.72	ppb
Titanium	47-1	213.18	207.51	218.05	212.91	2.48	ppb
Uranium	238-1	4.90	4.51	4.73	4.71	4.08	ppb
Vanadium	51-2	145.96	147.05	145.12	146.04	0.66	ppb
Yttrium	89-1				130		%
Yttrium	89-2				121		%
Zinc	66-2	771.46	785.34	776.57	777.79	0.90	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-08	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:41:05	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	39.11	37.55	38.23	38.30	2.04	ppb
Zirconium	91-1	39.07	37.59	38.08	38.24	1.97	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:50:33	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51040.60	51274.01	52436.03	51583.55	1.45	ppb
Antimony	121-1	528.63	499.73	518.97	515.78	2.85	ppb
Arsenic	75-2	511.84	525.22	526.41	521.16	1.55	ppb
Barium	135-1	2666.47	2472.29	2584.38	2574.38	3.79	ppb
Barium	137-1	2642.43	2455.06	2556.69	2551.39	3.68	ppb
Beryllium	9-1	610.16	566.65	592.02	589.61	3.71	ppb
Bismuth	209-1				96		%
Bismuth	209-2				86		%
Boron	10-1	592.14	567.24	574.66	578.02	2.21	ppb
Boron	11-1	596.77	579.36	596.17	590.77	1.67	ppb
Cadmium	111-1	514.84	483.26	500.10	499.40	3.16	ppb
Cadmium	106-1	519.12	491.50	491.90	500.84	3.16	ppb
Cadmium	108-1	523.62	490.33	503.33	505.76	3.32	ppb
Calcium	43-1	246827.76	229154.70	236698.74	237560.40	3.73	ppb
Calcium	44-1	248051.88	227138.27	235952.24	237047.47	4.43	ppb
Chromium	52-2	517.17	532.80	533.25	527.74	1.74	ppb
Cobalt	59-2	512.19	523.81	528.21	521.41	1.59	ppb
Copper	63-2	1005.67	1028.03	1054.25	1029.32	2.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				94		%
Indium	115-1				99		%
Indium	115-2				87		%
Iron	56-2	130354.22	133232.98	132935.09	132174.10	1.20	ppb
Iron	57-2	131161.28	136642.17	134805.22	134202.89	2.08	ppb
Krypton	83-1						cps
Lead	206-1	518.71	476.76	494.16	496.54	4.25	ppb
Lead	207-1	508.70	473.03	488.40	490.05	3.65	ppb
Lead	208-1	522.18	480.66	501.71	501.52	4.14	ppb
Lithium	6-1				63		%
Magnesium	24-2	248176.07	254377.70	257918.36	253490.71	1.95	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:50:33	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1009.66	1019.32	1039.54	1022.84	1.49	ppb
Molybdenum	94-1	2592.99	2436.96	2510.60	2513.52	3.11	ppb
Molybdenum	95-1	2585.24	2462.77	2501.36	2516.46	2.49	ppb
Molybdenum	96-1	2578.87	2449.99	2500.40	2509.75	2.59	ppb
Molybdenum	97-1	2608.93	2436.39	2530.35	2525.23	3.42	ppb
Molybdenum	98-1	2574.35	2473.65	2527.72	2525.24	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.45	521.70	541.99	527.71	2.35	ppb
Phosphorus	31-2	10201.25	10829.25	10611.32	10547.27	3.02	ppb
Potassium	39-2	124048.47	127786.65	127893.54	126576.22	1.73	ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				90		%
Scandium	45-2				87		%
Selenium	77-2	543.89	486.81	466.73	499.14	8.02	ppb
Selenium	78-2	523.69	514.82	501.46	513.32	2.18	ppb
Selenium	82-1	507.28	468.65	496.37	490.77	4.06	ppb
Silicon	28-1	437.38	422.83	444.34	434.85	2.52	ppb
Silver	109-1	524.01	488.56	506.83	506.46	3.50	ppb
Silver	107-1	525.80	492.34	502.47	506.87	3.39	ppb
Sodium	23-2	248045.61	253463.81	255863.97	252457.80	1.59	ppb
Strontium	86-1	511.56	469.88	490.83	490.76	4.25	ppb
Strontium	88-1	523.54	476.66	501.47	500.56	4.69	ppb
Sulfur	34-1	7759.45	5851.92	6564.31	6725.23	14.33	ppb
Terbium	159-1				101		%
Terbium	159-2				93		%
Thallium	203-1	537.14	500.09	517.31	518.18	3.58	ppb
Thallium	205-1	544.49	500.15	517.42	520.69	4.29	ppb
Tin	118-1	535.38	502.41	517.37	518.39	3.19	ppb
Titanium	47-1	2665.37	2462.92	2553.80	2560.70	3.96	ppb
Uranium	238-1	518.12	479.53	500.56	499.40	3.87	ppb
Vanadium	51-2	519.11	527.34	537.13	527.86	1.71	ppb
Yttrium	89-1				100		%
Yttrium	89-2				90		%
Zinc	66-2	1022.60	1037.83	1057.98	1039.47	1.71	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:50:33	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	520.30	481.76	506.42	502.83	3.88	ppb
Zirconium	91-1	511.04	471.55	494.07	492.22	4.02	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:58:49	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.03	-0.93	-2.31	-1.07		ppb
Antimony	121-1	0.08	0.13	0.17	0.13	36.66	ppb
Arsenic	75-2	0.02	-0.02	-0.05	-0.02		ppb
Barium	135-1	0.00	0.01	-0.01	0.00		ppb
Barium	137-1	-0.03	0.01	-0.02	-0.01		ppb
Beryllium	9-1	0.03	0.02	0.06	0.04	47.84	ppb
Bismuth	209-1				84		%
Bismuth	209-2				86		%
Boron	10-1	-21.18	-19.79	-21.08	-20.68		ppb
Boron	11-1	-19.81	-19.24	-19.98	-19.68		ppb
Cadmium	111-1	-0.16	-0.08	-0.12	-0.12		ppb
Cadmium	106-1	-2.24	-1.20	-1.67	-1.70		ppb
Cadmium	108-1	0.09	0.23	0.04	0.12	83.29	ppb
Calcium	43-1	-13.53	-4.99	-12.90	-10.47		ppb
Calcium	44-1	70.28	120.15	72.73	87.72	32.04	ppb
Chromium	52-2	0.69	0.45	0.55	0.56	21.37	ppb
Cobalt	59-2	-0.03	-0.03	-0.04	-0.03		ppb
Copper	63-2	0.02	-0.02	0.07	0.02	222.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				83		%
Holmium	165-2				90		%
Indium	115-1				86		%
Indium	115-2				86		%
Iron	56-2	1.11	1.21	1.14	1.16	4.44	ppb
Iron	57-2	1.00	-1.57	0.23	-0.12		ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.05	0.07	0.06	12.96	ppb
Lead	207-1	0.06	0.11	0.08	0.08	28.14	ppb
Lead	208-1	0.06	0.08	0.07	0.07	13.53	ppb
Lithium	6-1				55		%
Magnesium	24-2	1.42	1.74	0.56	1.24	49.02	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:58:49	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.05	0.07	0.05	47.61	ppb
Molybdenum	94-1	0.04	0.14	0.10	0.09	52.97	ppb
Molybdenum	95-1	0.04	0.10	0.05	0.06	50.25	ppb
Molybdenum	96-1	0.06	0.06	0.07	0.06	8.83	ppb
Molybdenum	97-1	0.15	0.17	0.24	0.19	26.59	ppb
Molybdenum	98-1	0.04	0.08	0.07	0.06	35.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.02	0.03	0.06	99.07	ppb
Phosphorus	31-2	-8.28	-23.26	-8.35	-13.30		ppb
Potassium	39-2	27.52	57.26	28.85	37.88	44.35	ppb
Rhodium	103-1				84		%
Rhodium	103-2				93		%
Scandium	45-1				75		%
Scandium	45-2				82		%
Selenium	77-2	-2.09	-2.09	-2.09	-2.09		ppb
Selenium	78-2	1.06	-0.09	-0.66	0.11	829.81	ppb
Selenium	82-1	-2.04	0.64	-0.86	-0.75		ppb
Silicon	28-1	-31.61	-15.60	-29.50	-25.57		ppb
Silver	109-1	0.01	0.02	0.02	0.02	54.07	ppb
Silver	107-1	0.01	0.03	0.02	0.02	38.02	ppb
Sodium	23-2	161.36	158.15	156.27	158.59	1.62	ppb
Strontium	86-1	0.04	0.17	0.07	0.10	71.43	ppb
Strontium	88-1	0.00	0.01	0.01	0.01	86.46	ppb
Sulfur	34-1	-3325.80	345.98	-2841.25	-1940.36		ppb
Terbium	159-1				85		%
Terbium	159-2				89		%
Thallium	203-1	0.03	0.03	0.02	0.03	14.92	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	29.96	ppb
Tin	118-1	0.01	0.09	0.06	0.05	68.03	ppb
Titanium	47-1	0.09	0.05	0.05	0.06	32.85	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.03	0.01	0.01	174.82	ppb
Yttrium	89-1				83		%
Yttrium	89-2				87		%
Zinc	66-2	0.20	0.10	-0.12	0.06	273.67	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:58:49	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.00	0.01	52.31	ppb
Zirconium	91-1	0.03	0.01	-0.01	0.01	155.14	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-09	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:02:15	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	404655.77	1122539.18	429141.51	652112.15	62.50	ppb
Antimony	121-1	0.45	0.46	0.42	0.45	4.54	ppb
Arsenic	75-2	110.73	164.21	112.85	129.26	23.43	ppb
Barium	135-1	1699.23	1688.81	1705.94	1698.00	0.51	ppb
Barium	137-1	1724.40	1710.54	1728.76	1721.24	0.55	ppb
Beryllium	9-1	8.26	8.66	8.57	8.50	2.49	ppb
Bismuth	209-1				92		%
Bismuth	209-2				15		%
Boron	10-1	-7.80	-3.04	-1.25	-4.03		ppb
Boron	11-1	-4.82	-0.71	-1.76	-2.43		ppb
Cadmium	111-1	3.48	3.06	3.73	3.42	9.92	ppb
Cadmium	106-1	12.31	9.60	14.69	12.20	20.88	ppb
Cadmium	108-1	6.74	7.14	6.55	6.81	4.38	ppb
Calcium	43-1	13874.09	14287.67	14240.80	14134.19	1.60	ppb
Calcium	44-1	14278.01	14681.44	14579.46	14512.97	1.45	ppb
Chromium	52-2	599.74	1601.44	626.56	942.58	60.55	ppb
Cobalt	59-2	398.98	1078.08	417.35	631.47	61.27	ppb
Copper	63-2	1017.19	2802.20	1067.74	1629.05	62.39	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				96		%
Holmium	165-2				16		%
Indium	115-1				96		%
Indium	115-2				14		%
Iron	56-2	1015521.67	2805574.96	1073493.42	1631530.02	62.34	ppb
Iron	57-2	1010738.00	2788646.47	1067440.18	1622274.89	62.29	ppb
Krypton	83-1						cps
Lead	206-1	1546.86	1574.23	1602.52	1574.53	1.77	ppb
Lead	207-1	1400.63	1446.21	1457.68	1434.84	2.10	ppb
Lead	208-1	1466.49	1490.54	1512.73	1489.92	1.55	ppb
Lithium	6-1				63		%
Magnesium	24-2	190983.47	524120.28	204344.38	306482.71	61.54	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-09	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:02:15	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	45006.52	123593.64	47312.64	71970.93	62.14	ppb
Molybdenum	94-1	63.64	65.46	64.49	64.53	1.41	ppb
Molybdenum	95-1	8.15	8.49	8.01	8.22	3.01	ppb
Molybdenum	96-1	15.19	15.73	15.11	15.35	2.20	ppb
Molybdenum	97-1	8.21	8.32	8.21	8.25	0.81	ppb
Molybdenum	98-1	8.06	8.26	8.08	8.13	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	829.65	2197.88	855.86	1294.46	60.45	ppb
Phosphorus	31-2	15700.58	37875.09	17476.86	23684.18	52.03	ppb
Potassium	39-2	22774.77	63425.01	24363.82	36854.53	62.47	ppb
Rhodium	103-1				92		%
Rhodium	103-2				15		%
Scandium	45-1				94		%
Scandium	45-2				25		%
Selenium	77-2	676.45	899.65	544.66	706.92	25.38	ppb
Selenium	78-2	76.54	141.18	95.91	104.54	31.74	ppb
Selenium	82-1	3.18	4.79	3.32	3.76	23.67	ppb
Silicon	28-1	10917.39	11271.76	11100.94	11096.70	1.60	ppb
Silver	109-1	0.35	0.33	0.37	0.35	5.69	ppb
Silver	107-1	0.39	0.35	0.35	0.36	5.60	ppb
Sodium	23-2	2660.98	7415.54	2798.27	4291.60	63.06	ppb
Strontium	86-1	60.15	60.20	60.23	60.19	0.06	ppb
Strontium	88-1	62.12	62.97	62.98	62.69	0.79	ppb
Sulfur	34-1	-8085.55	-8301.24	-8643.25	-8343.35		ppb
Terbium	159-1				97		%
Terbium	159-2				16		%
Thallium	203-1	0.70	0.68	0.68	0.69	1.42	ppb
Thallium	205-1	0.66	0.65	0.67	0.66	1.54	ppb
Tin	118-1	2.28	2.40	2.46	2.38	3.78	ppb
Titanium	47-1	254.31	268.62	262.97	261.97	2.75	ppb
Uranium	238-1	4.95	5.11	5.04	5.03	1.60	ppb
Vanadium	51-2	567.51	1550.00	598.55	905.35	61.69	ppb
Yttrium	89-1				137		%
Yttrium	89-2				58		%
Zinc	66-2	4406.76	12223.65	4708.03	7112.81	62.26	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-09	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:02:15	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	38.19	39.08	39.08	38.78	1.33	ppb
Zirconium	91-1	38.37	38.98	38.59	38.65	0.80	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-10	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:05:38	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	146467.72	150690.47	137392.92	144850.37	4.69	ppb
Antimony	121-1	0.18	0.21	0.18	0.19	8.94	ppb
Arsenic	75-2	30.13	30.73	28.85	29.91	3.22	ppb
Barium	135-1	1499.91	1588.39	1511.97	1533.42	3.13	ppb
Barium	137-1	1505.62	1596.04	1485.01	1528.89	3.86	ppb
Beryllium	9-1	11.56	12.50	10.57	11.54	8.34	ppb
Bismuth	209-1				99		%
Bismuth	209-2				86		%
Boron	10-1	-6.81	-4.00	-8.43	-6.41		ppb
Boron	11-1	-6.39	-6.79	-5.99	-6.39		ppb
Cadmium	111-1	3.73	3.96	3.79	3.83	3.14	ppb
Cadmium	106-1	23.94	26.30	24.76	25.00	4.80	ppb
Cadmium	108-1	6.13	6.33	6.68	6.38	4.37	ppb
Calcium	43-1	122875.28	131116.93	123896.38	125962.86	3.57	ppb
Calcium	44-1	122196.20	129854.48	122760.09	124936.92	3.42	ppb
Chromium	52-2	193.31	198.14	179.20	190.22	5.17	ppb
Cobalt	59-2	138.08	141.96	130.47	136.84	4.27	ppb
Copper	63-2	319.73	324.79	295.97	313.50	4.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				86		%
Iron	56-2	360104.29	368240.60	332758.15	353701.01	5.26	ppb
Iron	57-2	354129.84	370300.87	335187.51	353206.07	4.98	ppb
Krypton	83-1						cps
Lead	206-1	1094.55	1148.59	1091.51	1111.55	2.89	ppb
Lead	207-1	1025.84	1067.48	1008.83	1034.05	2.92	ppb
Lead	208-1	1050.91	1100.24	1038.72	1063.29	3.06	ppb
Lithium	6-1				65		%
Magnesium	24-2	66379.11	68240.90	62173.81	65597.94	4.74	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-10	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:05:38	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	11993.95	12005.59	11177.57	11725.70	4.05	ppb
Molybdenum	94-1	33.00	35.03	33.07	33.70	3.41	ppb
Molybdenum	95-1	3.56	3.62	3.36	3.51	4.00	ppb
Molybdenum	96-1	7.42	7.43	7.33	7.40	0.75	ppb
Molybdenum	97-1	3.48	3.67	3.37	3.51	4.35	ppb
Molybdenum	98-1	3.51	3.61	3.54	3.56	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	288.31	295.90	272.63	285.62	4.15	ppb
Phosphorus	31-2	59489.30	62358.73	55831.08	59226.37	5.52	ppb
Potassium	39-2	6304.57	6345.28	5824.13	6157.99	4.71	ppb
Rhodium	103-1				97		%
Rhodium	103-2				90		%
Scandium	45-1				100		%
Scandium	45-2				94		%
Selenium	77-2	480.63	520.19	494.52	498.45	4.03	ppb
Selenium	78-2	110.59	110.45	105.46	108.84	2.68	ppb
Selenium	82-1	5.47	5.93	5.93	5.78	4.60	ppb
Silicon	28-1	5287.63	5647.48	5309.78	5414.96	3.72	ppb
Silver	109-1	0.34	0.36	0.29	0.33	10.66	ppb
Silver	107-1	0.35	0.38	0.33	0.35	7.26	ppb
Sodium	23-2	1497.94	1525.38	1399.15	1474.15	4.50	ppb
Strontium	86-1	142.20	146.00	141.38	143.20	1.72	ppb
Strontium	88-1	148.27	152.06	146.08	148.81	2.03	ppb
Sulfur	34-1	-9793.85	-9098.47	-9876.10	-9589.47		ppb
Terbium	159-1				109		%
Terbium	159-2				99		%
Thallium	203-1	0.60	0.60	0.54	0.58	5.84	ppb
Thallium	205-1	0.54	0.58	0.58	0.57	4.20	ppb
Tin	118-1	4.07	4.42	4.03	4.18	5.15	ppb
Titanium	47-1	192.41	202.68	193.55	196.21	2.87	ppb
Uranium	238-1	5.82	5.99	5.68	5.83	2.63	ppb
Vanadium	51-2	183.76	189.95	171.84	181.85	5.06	ppb
Yttrium	89-1				283		%
Yttrium	89-2				258		%
Zinc	66-2	1594.85	1622.47	1506.08	1574.47	3.86	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-10	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:05:38	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	20.69	21.22	20.24	20.72	2.36	ppb
Zirconium	91-1	20.42	21.21	20.62	20.75	1.99	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-11	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:08:57	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	144649.62	141831.01	143729.59	143403.41	1.00	ppb
Antimony	121-1	0.37	0.37	0.40	0.38	3.52	ppb
Arsenic	75-2	70.95	71.15	72.40	71.50	1.09	ppb
Barium	135-1	1857.48	1831.79	1840.42	1843.23	0.71	ppb
Barium	137-1	1851.49	1847.98	1862.37	1853.95	0.40	ppb
Beryllium	9-1	9.91	9.40	9.22	9.51	3.74	ppb
Bismuth	209-1				93		%
Bismuth	209-2				87		%
Boron	10-1	-5.07	-6.04	-1.44	-4.18		ppb
Boron	11-1	-3.20	-4.10	-3.91	-3.73		ppb
Cadmium	111-1	3.04	3.20	3.22	3.16	3.09	ppb
Cadmium	106-1	10.61	13.56	12.41	12.19	12.18	ppb
Cadmium	108-1	6.44	6.03	6.78	6.42	5.87	ppb
Calcium	43-1	12526.66	12413.06	12185.16	12374.96	1.41	ppb
Calcium	44-1	12942.69	12688.84	12458.84	12696.79	1.91	ppb
Chromium	52-2	200.07	197.39	203.00	200.15	1.40	ppb
Cobalt	59-2	145.92	142.89	147.14	145.32	1.51	ppb
Copper	63-2	460.15	446.36	465.07	457.19	2.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				86		%
Iron	56-2	365828.18	350396.23	365698.99	360641.13	2.46	ppb
Iron	57-2	358663.47	345736.97	363255.82	355885.42	2.55	ppb
Krypton	83-1						cps
Lead	206-1	1117.35	1084.78	1092.95	1098.36	1.54	ppb
Lead	207-1	1022.60	1004.44	1016.69	1014.58	0.91	ppb
Lead	208-1	1057.79	1040.10	1048.74	1048.87	0.84	ppb
Lithium	6-1				60		%
Magnesium	24-2	66415.91	63474.84	66714.27	65535.01	2.73	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-11	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:08:57	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	14301.33	14054.26	14457.20	14270.93	1.42	ppb
Molybdenum	94-1	67.17	66.12	66.98	66.76	0.84	ppb
Molybdenum	95-1	8.81	8.82	9.01	8.88	1.28	ppb
Molybdenum	96-1	16.45	16.59	16.51	16.52	0.43	ppb
Molybdenum	97-1	8.90	8.73	9.00	8.87	1.53	ppb
Molybdenum	98-1	8.79	8.96	8.85	8.87	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	281.66	271.12	281.73	278.17	2.20	ppb
Phosphorus	31-2	4995.51	5060.67	5519.23	5191.80	5.50	ppb
Potassium	39-2	7686.07	7546.87	7903.01	7711.99	2.33	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				94		%
Selenium	77-2	277.15	310.62	296.74	294.83	5.70	ppb
Selenium	78-2	41.05	47.52	48.23	45.60	8.67	ppb
Selenium	82-1	3.31	3.60	3.41	3.44	4.37	ppb
Silicon	28-1	12018.18	12423.74	12319.53	12253.82	1.72	ppb
Silver	109-1	0.38	0.40	0.36	0.38	4.37	ppb
Silver	107-1	0.38	0.36	0.35	0.36	4.46	ppb
Sodium	23-2	710.35	703.79	741.34	718.49	2.79	ppb
Strontium	86-1	58.41	59.95	58.65	59.00	1.40	ppb
Strontium	88-1	61.07	60.96	60.20	60.74	0.78	ppb
Sulfur	34-1	-10242.53	-10584.23	-10751.30	-10526.02		ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	0.69	0.68	0.73	0.70	3.63	ppb
Thallium	205-1	0.70	0.67	0.67	0.68	2.91	ppb
Tin	118-1	1.49	1.50	1.59	1.53	3.77	ppb
Titanium	47-1	278.54	279.03	272.81	276.79	1.25	ppb
Uranium	238-1	4.61	4.66	4.67	4.65	0.69	ppb
Vanadium	51-2	185.41	180.33	184.89	183.54	1.52	ppb
Yttrium	89-1				142		%
Yttrium	89-2				136		%
Zinc	66-2	1648.70	1608.27	1670.15	1642.37	1.91	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-11	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:08:57	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	40.49	40.26	40.82	40.52	0.70	ppb
Zirconium	91-1	40.57	40.87	39.95	40.47	1.16	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:12:18	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	144304.57	139258.82	146592.87	143385.42	2.62	ppb
Antimony	121-1	0.26	0.25	0.26	0.26	1.82	ppb
Arsenic	75-2	73.76	72.84	74.75	73.78	1.29	ppb
Barium	135-1	1808.38	1775.58	1747.87	1777.28	1.70	ppb
Barium	137-1	1819.22	1778.89	1735.50	1777.87	2.36	ppb
Beryllium	9-1	9.77	10.91	9.42	10.03	7.80	ppb
Bismuth	209-1				98		%
Bismuth	209-2				91		%
Boron	10-1	-6.02	-0.89	-3.39	-3.43		ppb
Boron	11-1	-6.08	-5.85	-4.74	-5.55		ppb
Cadmium	111-1	2.74	2.76	2.56	2.69	3.94	ppb
Cadmium	106-1	11.74	14.31	9.82	11.96	18.87	ppb
Cadmium	108-1	6.22	6.78	5.45	6.15	10.88	ppb
Calcium	43-1	11069.99	10587.35	10526.55	10727.96	2.78	ppb
Calcium	44-1	11358.89	10999.64	10709.96	11022.83	2.95	ppb
Chromium	52-2	191.55	189.12	197.01	192.56	2.10	ppb
Cobalt	59-2	137.24	134.76	141.57	137.86	2.50	ppb
Copper	63-2	391.37	382.72	403.01	392.37	2.60	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				101		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				88		%
Iron	56-2	365681.37	359166.41	374653.33	366500.37	2.12	ppb
Iron	57-2	366549.97	360848.79	373450.04	366949.60	1.72	ppb
Krypton	83-1						cps
Lead	206-1	961.38	935.51	917.25	938.05	2.36	ppb
Lead	207-1	878.47	854.17	832.00	854.88	2.72	ppb
Lead	208-1	907.68	888.69	866.54	887.64	2.32	ppb
Lithium	6-1				62		%
Magnesium	24-2	68477.30	68222.72	70737.22	69145.74	2.00	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:12:18	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	13217.92	12771.22	13210.85	13066.66	1.96	ppb
Molybdenum	94-1	62.06	62.07	59.21	61.12	2.70	ppb
Molybdenum	95-1	6.90	6.99	6.59	6.83	3.09	ppb
Molybdenum	96-1	13.89	13.81	13.43	13.71	1.80	ppb
Molybdenum	97-1	6.86	6.87	6.65	6.79	1.80	ppb
Molybdenum	98-1	6.83	7.06	6.49	6.80	4.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	273.41	265.93	274.97	271.43	1.78	ppb
Phosphorus	31-2	4949.09	4766.61	5766.87	5160.85	10.32	ppb
Potassium	39-2	7484.56	7272.81	7510.46	7422.61	1.76	ppb
Rhodium	103-1				98		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	77-2	306.47	268.74	282.88	286.03	6.66	ppb
Selenium	78-2	46.20	36.88	41.54	41.54	11.21	ppb
Selenium	82-1	3.71	3.41	3.75	3.62	5.14	ppb
Silicon	28-1	10501.26	9986.04	9854.85	10114.05	3.38	ppb
Silver	109-1	0.38	0.35	0.33	0.35	6.82	ppb
Silver	107-1	0.41	0.40	0.37	0.40	5.11	ppb
Sodium	23-2	630.44	611.17	649.82	630.48	3.06	ppb
Strontium	86-1	45.05	43.91	43.89	44.28	1.51	ppb
Strontium	88-1	46.39	45.84	45.56	45.93	0.93	ppb
Sulfur	34-1	-10811.60	-11185.91	-11030.71	-11009.41		ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	0.60	0.62	0.57	0.60	4.63	ppb
Thallium	205-1	0.62	0.65	0.62	0.63	2.79	ppb
Tin	118-1	1.40	1.37	1.41	1.39	1.68	ppb
Titanium	47-1	231.61	223.36	221.48	225.48	2.39	ppb
Uranium	238-1	4.80	4.48	4.48	4.59	3.98	ppb
Vanadium	51-2	180.61	177.00	186.24	181.28	2.57	ppb
Yttrium	89-1				151		%
Yttrium	89-2				138		%
Zinc	66-2	1297.28	1259.51	1326.43	1294.41	2.59	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:12:18	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	37.71	37.47	35.86	37.01	2.73	ppb
Zirconium	91-1	38.29	37.60	36.11	37.33	2.99	ppb

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-12DUP Instrumnet Name : P8
 Client Sample ID : P001-SS006-1824-01DU Dilution Factor : 1
 Date & Time Acquired :: 2018-12-26 15:15:39 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	144032.28	143349.61	143258.94	143546.94	0.29	ppb
Antimony	121-1	0.23	0.26	0.26	0.25	7.58	ppb
Arsenic	75-2	73.32	72.45	73.07	72.95	0.62	ppb
Barium	135-1	1805.07	1762.46	1742.37	1769.97	1.81	ppb
Barium	137-1	1790.59	1771.82	1741.13	1767.85	1.41	ppb
Beryllium	9-1	9.81	9.48	9.58	9.62	1.79	ppb
Bismuth	209-1				98		%
Bismuth	209-2				91		%
Boron	10-1	-6.07	-7.62	-6.77	-6.82		ppb
Boron	11-1	-4.79	-5.55	-5.18	-5.17		ppb
Cadmium	111-1	2.45	2.74	2.42	2.54	7.06	ppb
Cadmium	106-1	9.45	10.40	9.77	9.87	4.91	ppb
Cadmium	108-1	5.54	6.06	6.14	5.92	5.48	ppb
Calcium	43-1	10904.57	10813.00	10764.07	10827.21	0.66	ppb
Calcium	44-1	11178.09	11226.43	11023.71	11142.74	0.95	ppb
Chromium	52-2	191.07	195.60	189.68	192.11	1.61	ppb
Cobalt	59-2	136.94	141.47	136.55	138.32	1.98	ppb
Copper	63-2	386.36	402.88	390.34	393.19	2.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				87		%
Iron	56-2	365901.62	377655.07	360783.13	368113.27	2.35	ppb
Iron	57-2	361349.00	370917.38	362017.76	364761.38	1.46	ppb
Krypton	83-1						cps
Lead	206-1	944.17	958.52	947.68	950.13	0.79	ppb
Lead	207-1	872.37	890.73	868.81	877.30	1.34	ppb
Lead	208-1	906.00	916.66	898.26	906.97	1.02	ppb
Lithium	6-1				63		%
Magnesium	24-2	69127.72	70562.45	68502.79	69397.66	1.52	ppb

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-12DUP Instrumnet Name : P8
 Client Sample ID : P001-SS006-1824-01DU Dilution Factor : 1
 Date & Time Acquired :: 2018-12-26 15:15:39 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	13045.30	13346.06	12887.11	13092.82	1.78	ppb
Molybdenum	94-1	60.92	60.98	61.33	61.08	0.36	ppb
Molybdenum	95-1	6.59	6.99	7.14	6.91	4.09	ppb
Molybdenum	96-1	13.52	14.08	13.48	13.69	2.42	ppb
Molybdenum	97-1	6.64	7.18	6.82	6.88	4.01	ppb
Molybdenum	98-1	6.72	6.89	6.65	6.75	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	266.42	276.29	267.32	270.01	2.02	ppb
Phosphorus	31-2	5381.54	4857.82	5306.20	5181.85	5.46	ppb
Potassium	39-2	7282.28	7384.58	7231.05	7299.30	1.07	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	77-2	291.37	259.31	265.40	272.03	6.26	ppb
Selenium	78-2	46.26	47.59	47.84	47.23	1.80	ppb
Selenium	82-1	3.19	3.69	3.27	3.38	7.91	ppb
Silicon	28-1	10486.82	10219.58	10009.96	10238.78	2.33	ppb
Silver	109-1	0.36	0.36	0.33	0.35	5.58	ppb
Silver	107-1	0.39	0.41	0.37	0.39	5.16	ppb
Sodium	23-2	337.01	361.20	334.43	344.21	4.29	ppb
Strontium	86-1	44.34	45.93	45.18	45.15	1.77	ppb
Strontium	88-1	46.59	46.74	46.46	46.59	0.30	ppb
Sulfur	34-1	-10416.16	-10784.06	-10701.48	-10633.90		ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.59	0.63	0.60	0.60	3.15	ppb
Thallium	205-1	0.62	0.63	0.63	0.63	0.95	ppb
Tin	118-1	0.75	0.67	0.79	0.74	8.22	ppb
Titanium	47-1	232.23	226.81	224.42	227.82	1.76	ppb
Uranium	238-1	4.62	4.62	4.57	4.61	0.59	ppb
Vanadium	51-2	180.09	185.98	181.47	182.51	1.69	ppb
Yttrium	89-1				148		%
Yttrium	89-2				137		%
Zinc	66-2	1280.00	1327.98	1282.44	1296.81	2.08	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12DUP	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01DU	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:15:39	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	36.73	37.44	36.88	37.02	1.01	ppb
Zirconium	91-1	36.52	37.07	36.63	36.74	0.79	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12LX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01L	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 15:18:58	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30315.38	30660.54	31101.10	30692.34	1.28	ppb
Antimony	121-1	0.06	0.08	0.06	0.06	14.48	ppb
Arsenic	75-2	19.12	19.12	19.69	19.31	1.72	ppb
Barium	135-1	340.92	336.09	340.86	339.29	0.82	ppb
Barium	137-1	341.73	335.54	344.61	340.63	1.36	ppb
Beryllium	9-1	2.06	2.08	1.94	2.03	3.66	ppb
Bismuth	209-1				98		%
Bismuth	209-2				89		%
Boron	10-1	-20.31	-19.38	-20.23	-19.97		ppb
Boron	11-1	-19.41	-18.26	-19.32	-19.00		ppb
Cadmium	111-1	0.39	0.19	0.30	0.29	33.51	ppb
Cadmium	106-1	-0.70	-2.33	-0.19	-1.07		ppb
Cadmium	108-1	1.11	0.93	1.02	1.02	8.46	ppb
Calcium	43-1	2320.46	2310.08	2242.27	2290.94	1.85	ppb
Calcium	44-1	2336.56	2390.09	2290.46	2339.04	2.13	ppb
Chromium	52-2	41.64	42.47	41.87	41.99	1.02	ppb
Cobalt	59-2	29.90	30.37	30.63	30.30	1.22	ppb
Copper	63-2	84.99	85.94	86.71	85.88	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				87		%
Iron	56-2	79004.50	79525.16	79577.07	79368.91	0.40	ppb
Iron	57-2	77454.04	79605.73	78960.90	78673.56	1.40	ppb
Krypton	83-1						cps
Lead	206-1	173.69	174.88	173.85	174.14	0.37	ppb
Lead	207-1	157.77	160.46	156.67	158.30	1.23	ppb
Lead	208-1	165.73	167.68	164.73	166.05	0.90	ppb
Lithium	6-1				58		%
Magnesium	24-2	14279.45	14547.86	14580.65	14469.32	1.14	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12LX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01L	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 15:18:58	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2744.59	2808.44	2793.68	2782.24	1.20	ppb
Molybdenum	94-1	16.00	15.91	16.50	16.14	1.99	ppb
Molybdenum	95-1	1.56	1.80	1.88	1.75	9.47	ppb
Molybdenum	96-1	3.56	3.76	3.65	3.66	2.82	ppb
Molybdenum	97-1	1.91	1.87	1.81	1.86	2.75	ppb
Molybdenum	98-1	1.85	1.77	1.72	1.78	3.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	59.42	58.31	60.46	59.40	1.81	ppb
Phosphorus	31-2	1042.21	1107.67	846.17	998.68	13.63	ppb
Potassium	39-2	1567.64	1618.70	1624.52	1603.62	1.95	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				84		%
Scandium	45-2				84		%
Selenium	77-2	71.51	58.02	68.59	66.04	10.74	ppb
Selenium	78-2	14.41	13.21	14.99	14.20	6.39	ppb
Selenium	82-1	1.13	0.46	0.91	0.83	41.40	ppb
Silicon	28-1	2157.36	2151.73	2113.37	2140.82	1.12	ppb
Silver	109-1	0.08	0.06	0.07	0.07	10.46	ppb
Silver	107-1	0.06	0.06	0.06	0.06	3.09	ppb
Sodium	23-2	220.59	208.79	213.38	214.25	2.78	ppb
Strontium	86-1	12.12	12.30	12.08	12.17	0.93	ppb
Strontium	88-1	12.22	12.63	12.36	12.40	1.70	ppb
Sulfur	34-1	-10130.51	-10180.84	-10337.44	-10216.26		ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	0.16	0.13	0.16	0.15	11.95	ppb
Thallium	205-1	0.15	0.13	0.13	0.13	7.73	ppb
Tin	118-1	0.30	0.27	0.34	0.30	10.25	ppb
Titanium	47-1	50.02	48.42	48.40	48.95	1.91	ppb
Uranium	238-1	0.85	0.84	0.83	0.84	1.33	ppb
Vanadium	51-2	38.45	39.04	38.99	38.83	0.84	ppb
Yttrium	89-1				103		%
Yttrium	89-2				96		%
Zinc	66-2	279.18	282.30	279.11	280.20	0.65	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12LX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01L	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 15:18:58	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	9.81	9.98	10.05	9.95	1.23	ppb
Zirconium	91-1	9.77	10.48	9.79	10.01	4.04	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-13	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01MS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:22:22	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	157707.55	142021.52	140669.63	146799.57	6.45	ppb
Antimony	121-1	305.78	302.40	308.09	305.42	0.94	ppb
Arsenic	75-2	438.64	413.73	412.36	421.58	3.51	ppb
Barium	135-1	4063.17	3957.27	4104.94	4041.79	1.88	ppb
Barium	137-1	4068.65	3934.89	4040.63	4014.72	1.76	ppb
Beryllium	9-1	562.15	569.41	563.81	565.12	0.67	ppb
Bismuth	209-1				101		%
Bismuth	209-2				84		%
Boron	10-1	527.96	540.36	533.35	533.89	1.16	ppb
Boron	11-1	524.65	540.82	541.11	535.53	1.76	ppb
Cadmium	111-1	485.36	475.77	489.03	483.39	1.42	ppb
Cadmium	106-1	483.40	481.47	497.74	487.54	1.82	ppb
Cadmium	108-1	490.66	479.32	494.96	488.31	1.65	ppb
Calcium	43-1	50270.10	49960.89	50123.87	50118.29	0.31	ppb
Calcium	44-1	50941.94	50603.62	50917.07	50820.88	0.37	ppb
Chromium	52-2	725.06	649.39	639.79	671.41	6.96	ppb
Cobalt	59-2	668.77	599.55	581.05	616.45	7.50	ppb
Copper	63-2	1458.14	1319.90	1288.39	1355.47	6.66	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				105		%
Holmium	165-2				93		%
Indium	115-1				100		%
Indium	115-2				81		%
Iron	56-2	402025.83	366055.85	353165.07	373748.92	6.78	ppb
Iron	57-2	397070.18	361772.61	352123.10	370321.96	6.39	ppb
Krypton	83-1						cps
Lead	206-1	1473.43	1461.41	1438.07	1457.64	1.23	ppb
Lead	207-1	1384.78	1364.97	1369.57	1373.11	0.76	ppb
Lead	208-1	1418.16	1401.57	1397.30	1405.68	0.78	ppb
Lithium	6-1				63		%
Magnesium	24-2	116520.10	105683.20	105101.86	109101.72	5.89	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-13	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01MS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:22:22	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	15921.64	14289.92	13947.08	14719.55	7.17	ppb
Molybdenum	94-1	1680.35	1665.67	1675.15	1673.72	0.44	ppb
Molybdenum	95-1	1608.85	1589.32	1613.34	1603.83	0.80	ppb
Molybdenum	96-1	1611.17	1613.72	1611.70	1612.20	0.08	ppb
Molybdenum	97-1	1639.17	1631.20	1629.96	1633.44	0.31	ppb
Molybdenum	98-1	1613.77	1598.84	1618.09	1610.23	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	806.12	730.28	714.40	750.26	6.53	ppb
Phosphorus	31-2	5924.52	4670.72	4921.81	5172.35	12.83	ppb
Potassium	39-2	31835.49	28126.46	28299.89	29420.61	7.11	ppb
Rhodium	103-1				95		%
Rhodium	103-2				87		%
Scandium	45-1				98		%
Scandium	45-2				91		%
Selenium	77-2	648.76	478.64	573.11	566.83	15.04	ppb
Selenium	78-2	384.86	392.33	395.65	390.95	1.41	ppb
Selenium	82-1	333.19	328.20	327.90	329.77	0.90	ppb
Silicon	28-1	4908.66	4907.92	4888.55	4901.71	0.23	ppb
Silver	109-1	455.66	437.55	463.74	452.32	2.96	ppb
Silver	107-1	456.44	441.36	459.94	452.58	2.18	ppb
Sodium	23-2	49957.95	45400.13	44410.82	46589.63	6.35	ppb
Strontium	86-1	371.96	373.18	368.45	371.19	0.66	ppb
Strontium	88-1	388.13	384.48	380.13	384.24	1.04	ppb
Sulfur	34-1	-9961.90	-10039.58	-10203.43	-10068.30		ppb
Terbium	159-1				106		%
Terbium	159-2				92		%
Thallium	203-1	501.78	494.69	502.46	499.64	0.86	ppb
Thallium	205-1	504.35	501.39	500.82	502.19	0.38	ppb
Tin	118-1	445.47	436.88	452.73	445.03	1.78	ppb
Titanium	47-1	2292.20	2282.70	2263.60	2279.50	0.64	ppb
Uranium	238-1	499.78	485.70	496.15	493.88	1.48	ppb
Vanadium	51-2	721.29	640.22	628.48	663.33	7.62	ppb
Yttrium	89-1				147		%
Yttrium	89-2				129		%
Zinc	66-2	2516.20	2235.38	2204.69	2318.76	7.40	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-13	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01MS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:22:22	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	371.04	367.78	367.69	368.84	0.52	ppb
Zirconium	91-1	363.75	357.68	363.95	361.79	0.99	ppb

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-14 Instrumnet Name : P8
 Client Sample ID : P001-SS006-1824-01MS Dilution Factor : 1
 Date & Time Acquired :: 2018-12-26 15:25:37 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	144002.63	143382.73	141430.58	142938.65	0.94	ppb
Antimony	121-1	296.85	294.63	293.97	295.15	0.51	ppb
Arsenic	75-2	399.52	406.88	402.39	402.93	0.92	ppb
Barium	135-1	4313.99	4292.57	4330.60	4312.38	0.44	ppb
Barium	137-1	4305.47	4235.21	4263.88	4268.19	0.83	ppb
Beryllium	9-1	586.57	587.92	591.52	588.67	0.43	ppb
Bismuth	209-1				100		%
Bismuth	209-2				88		%
Boron	10-1	541.13	540.45	581.60	554.39	4.25	ppb
Boron	11-1	547.37	562.03	566.79	558.73	1.81	ppb
Cadmium	111-1	506.96	501.68	501.61	503.42	0.61	ppb
Cadmium	106-1	512.44	513.49	503.73	509.89	1.05	ppb
Cadmium	108-1	503.63	494.06	496.93	498.21	0.99	ppb
Calcium	43-1	50280.91	49604.64	50152.30	50012.62	0.72	ppb
Calcium	44-1	50948.48	50361.88	50702.78	50671.05	0.58	ppb
Chromium	52-2	647.65	646.83	652.85	649.11	0.50	ppb
Cobalt	59-2	610.39	600.74	606.49	605.88	0.80	ppb
Copper	63-2	1311.08	1309.96	1334.69	1318.58	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				85		%
Iron	56-2	376773.23	373939.73	370386.69	373699.89	0.86	ppb
Iron	57-2	372722.76	361593.18	369204.29	367840.08	1.55	ppb
Krypton	83-1						cps
Lead	206-1	1525.63	1515.32	1522.45	1521.13	0.35	ppb
Lead	207-1	1446.83	1426.23	1448.04	1440.37	0.85	ppb
Lead	208-1	1467.14	1457.77	1476.61	1467.17	0.64	ppb
Lithium	6-1				61		%
Magnesium	24-2	105896.30	104656.01	105802.18	105451.50	0.65	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-14	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01MS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:25:37	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	16535.26	16156.49	16127.86	16273.20	1.40	ppb
Molybdenum	94-1	1697.20	1652.94	1691.27	1680.47	1.43	ppb
Molybdenum	95-1	1627.62	1619.47	1613.42	1620.17	0.44	ppb
Molybdenum	96-1	1648.61	1612.47	1628.93	1630.01	1.11	ppb
Molybdenum	97-1	1618.18	1621.17	1630.01	1623.12	0.38	ppb
Molybdenum	98-1	1615.80	1636.95	1611.99	1621.58	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	746.51	732.98	743.63	741.04	0.96	ppb
Phosphorus	31-2	4866.71	5227.38	5077.01	5057.03	3.58	ppb
Potassium	39-2	28076.50	27564.62	27703.28	27781.46	0.95	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	565.83	527.50	551.61	548.31	3.53	ppb
Selenium	78-2	364.19	355.30	355.64	358.38	1.41	ppb
Selenium	82-1	331.51	324.20	327.14	327.62	1.12	ppb
Silicon	28-1	6056.99	5970.57	6050.28	6025.95	0.80	ppb
Silver	109-1	469.58	462.40	468.38	466.79	0.82	ppb
Silver	107-1	469.03	465.44	466.51	467.00	0.39	ppb
Sodium	23-2	45256.21	44319.53	44054.96	44543.57	1.42	ppb
Strontium	86-1	373.99	372.00	378.41	374.80	0.88	ppb
Strontium	88-1	387.91	380.51	386.72	385.04	1.03	ppb
Sulfur	34-1	-9907.57	-10148.64	-9907.97	-9988.06		ppb
Terbium	159-1				105		%
Terbium	159-2				96		%
Thallium	203-1	517.63	520.33	526.77	521.58	0.90	ppb
Thallium	205-1	516.94	515.53	520.59	517.69	0.50	ppb
Tin	118-1	443.61	449.47	441.43	444.84	0.93	ppb
Titanium	47-1	2343.07	2302.42	2321.85	2322.45	0.88	ppb
Uranium	238-1	509.28	511.52	514.14	511.65	0.48	ppb
Vanadium	51-2	650.77	641.60	646.33	646.24	0.71	ppb
Yttrium	89-1				150		%
Yttrium	89-2				135		%
Zinc	66-2	2362.19	2299.86	2309.81	2323.95	1.44	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-14	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01MS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:25:37	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	368.32	365.52	367.04	366.96	0.38	ppb
Zirconium	91-1	357.58	355.26	358.51	357.11	0.47	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12A	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01A	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:28:52	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	143890.62	143030.51	142297.09	143072.74	0.56	ppb
Antimony	121-1	302.88	303.62	305.44	303.98	0.43	ppb
Arsenic	75-2	401.96	400.38	394.21	398.85	1.03	ppb
Barium	135-1	4248.67	4248.78	4220.76	4239.40	0.38	ppb
Barium	137-1	4186.81	4225.61	4166.18	4192.87	0.72	ppb
Beryllium	9-1	582.39	587.93	592.40	587.58	0.85	ppb
Bismuth	209-1				98		%
Bismuth	209-2				89		%
Boron	10-1	558.89	568.75	568.06	565.24	0.97	ppb
Boron	11-1	564.11	569.38	568.88	567.46	0.51	ppb
Cadmium	111-1	499.22	500.62	501.65	500.50	0.24	ppb
Cadmium	106-1	509.81	508.88	504.96	507.88	0.51	ppb
Cadmium	108-1	505.73	495.32	499.29	500.11	1.05	ppb
Calcium	43-1	50468.23	51505.75	51396.91	51123.63	1.12	ppb
Calcium	44-1	51652.34	52357.20	52140.10	52049.88	0.69	ppb
Chromium	52-2	648.19	650.52	642.88	647.20	0.61	ppb
Cobalt	59-2	601.04	593.78	594.71	596.51	0.66	ppb
Copper	63-2	1313.44	1310.86	1316.32	1313.54	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				85		%
Iron	56-2	367411.70	366516.39	364068.64	365998.91	0.47	ppb
Iron	57-2	365273.69	360289.07	360395.43	361986.07	0.79	ppb
Krypton	83-1						cps
Lead	206-1	1501.28	1530.20	1524.39	1518.62	1.01	ppb
Lead	207-1	1405.15	1428.76	1430.62	1421.51	1.00	ppb
Lead	208-1	1440.32	1476.16	1464.29	1460.26	1.25	ppb
Lithium	6-1				60		%
Magnesium	24-2	107063.78	105390.04	103405.25	105286.35	1.74	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12A	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01A	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:28:52	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	15117.75	15011.02	14994.08	15040.95	0.45	ppb
Molybdenum	94-1	1705.18	1692.82	1728.03	1708.67	1.05	ppb
Molybdenum	95-1	1628.78	1628.00	1648.44	1635.07	0.71	ppb
Molybdenum	96-1	1641.24	1632.84	1675.52	1649.87	1.37	ppb
Molybdenum	97-1	1654.35	1655.58	1669.02	1659.65	0.49	ppb
Molybdenum	98-1	1634.26	1630.25	1661.84	1642.12	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	731.28	724.37	725.09	726.91	0.52	ppb
Phosphorus	31-2	5134.48	4865.35	4627.86	4875.90	5.20	ppb
Potassium	39-2	28225.35	27945.60	27797.50	27989.48	0.78	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	77-2	616.90	602.99	510.52	576.81	10.02	ppb
Selenium	78-2	362.37	386.39	372.06	373.61	3.23	ppb
Selenium	82-1	329.98	331.27	336.11	332.45	0.97	ppb
Silicon	28-1	5579.19	5706.30	5711.42	5665.64	1.32	ppb
Silver	109-1	470.18	466.95	465.44	467.52	0.52	ppb
Silver	107-1	465.56	469.25	469.52	468.11	0.47	ppb
Sodium	23-2	44939.45	43829.72	44350.17	44373.11	1.25	ppb
Strontium	86-1	376.57	377.89	382.97	379.14	0.89	ppb
Strontium	88-1	389.42	388.62	392.21	390.08	0.48	ppb
Sulfur	34-1	-10028.38	-9716.83	-9547.68	-9764.30		ppb
Terbium	159-1				103		%
Terbium	159-2				96		%
Thallium	203-1	515.85	522.58	523.22	520.55	0.78	ppb
Thallium	205-1	513.24	526.36	525.47	521.69	1.41	ppb
Tin	118-1	449.96	440.61	448.44	446.34	1.12	ppb
Titanium	47-1	2278.19	2332.88	2317.43	2309.50	1.22	ppb
Uranium	238-1	499.27	515.97	513.03	509.42	1.75	ppb
Vanadium	51-2	640.40	638.31	633.79	637.50	0.53	ppb
Yttrium	89-1				145		%
Yttrium	89-2				135		%
Zinc	66-2	2265.30	2240.72	2233.75	2246.59	0.74	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12A	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01A	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:28:52	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	364.84	370.50	371.63	368.99	0.99	ppb
Zirconium	91-1	360.22	361.21	367.58	363.00	1.10	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-15	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:32:07	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	107420.09	96769.42	94854.20	99681.24	6.79	ppb
Antimony	121-1	1.96	1.87	1.93	1.92	2.46	ppb
Arsenic	75-2	49.06	46.06	44.48	46.53	5.00	ppb
Barium	135-1	1456.17	1482.88	1547.87	1495.64	3.15	ppb
Barium	137-1	1461.82	1477.22	1540.06	1493.03	2.78	ppb
Beryllium	9-1	10.29	9.82	10.46	10.19	3.29	ppb
Bismuth	209-1				104		%
Bismuth	209-2				89		%
Boron	10-1	11.12	14.36	13.81	13.10	13.20	ppb
Boron	11-1	14.31	13.75	11.34	13.13	12.03	ppb
Cadmium	111-1	6.23	6.22	6.63	6.36	3.70	ppb
Cadmium	106-1	11.19	11.38	10.71	11.09	3.07	ppb
Cadmium	108-1	8.52	8.81	9.08	8.80	3.18	ppb
Calcium	43-1	21861.25	21814.26	22701.59	22125.70	2.26	ppb
Calcium	44-1	22326.23	22020.85	23053.41	22466.83	2.36	ppb
Chromium	52-2	173.29	159.25	155.46	162.67	5.77	ppb
Cobalt	59-2	108.39	98.08	95.83	100.77	6.65	ppb
Copper	63-2	321.91	297.10	286.84	301.95	5.97	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				106		%
Holmium	165-2				97		%
Indium	115-1				104		%
Indium	115-2				86		%
Iron	56-2	261810.14	238584.07	229565.86	243320.02	6.84	ppb
Iron	57-2	264215.51	241055.14	231266.85	245512.50	6.89	ppb
Krypton	83-1						cps
Lead	206-1	1847.28	1878.03	1909.78	1878.36	1.66	ppb
Lead	207-1	1704.76	1720.89	1752.92	1726.19	1.42	ppb
Lead	208-1	1768.02	1790.30	1815.14	1791.15	1.32	ppb
Lithium	6-1				61		%
Magnesium	24-2	47878.56	43330.52	42901.83	44703.64	6.17	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-15	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:32:07	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	12259.09	11163.55	10823.38	11415.34	6.57	ppb
Molybdenum	94-1	57.77	58.22	59.01	58.33	1.08	ppb
Molybdenum	95-1	16.88	17.41	17.49	17.26	1.91	ppb
Molybdenum	96-1	21.71	23.06	22.78	22.52	3.16	ppb
Molybdenum	97-1	16.50	17.15	17.87	17.18	3.99	ppb
Molybdenum	98-1	16.72	17.14	17.61	17.15	2.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	221.26	205.52	199.31	208.70	5.42	ppb
Phosphorus	31-2	6076.10	5327.61	5376.09	5593.27	7.49	ppb
Potassium	39-2	8418.74	7529.48	7409.00	7785.74	7.08	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				88		%
Selenium	77-2	199.40	148.88	209.89	186.06	17.53	ppb
Selenium	78-2	37.80	38.40	33.35	36.52	7.55	ppb
Selenium	82-1	4.44	4.57	4.98	4.66	6.12	ppb
Silicon	28-1	7431.45	7312.80	7733.75	7492.67	2.90	ppb
Silver	109-1	2.89	2.85	3.03	2.92	3.11	ppb
Silver	107-1	2.83	2.81	3.05	2.90	4.59	ppb
Sodium	23-2	1079.16	967.11	946.96	997.74	7.14	ppb
Strontium	86-1	72.99	74.77	76.74	74.83	2.50	ppb
Strontium	88-1	75.81	79.12	79.77	78.23	2.72	ppb
Sulfur	34-1	-8894.21	-9031.75	-8711.94	-8879.30		ppb
Terbium	159-1				107		%
Terbium	159-2				96		%
Thallium	203-1	3.40	3.50	3.42	3.44	1.65	ppb
Thallium	205-1	3.29	3.44	3.48	3.40	3.00	ppb
Tin	118-1	4.38	4.56	4.83	4.59	4.98	ppb
Titanium	47-1	188.27	189.28	198.11	191.89	2.82	ppb
Uranium	238-1	6.09	6.26	6.26	6.21	1.60	ppb
Vanadium	51-2	177.33	163.79	157.76	166.30	6.03	ppb
Yttrium	89-1				134		%
Yttrium	89-2				118		%
Zinc	66-2	1293.33	1181.67	1139.23	1204.74	6.61	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-15	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:32:07	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	30.07	30.88	31.28	30.74	2.00	ppb
Zirconium	91-1	30.18	31.34	31.13	30.89	2.00	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:37:12	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50358.93	49878.13	51091.80	50442.95	1.21	ppb
Antimony	121-1	546.02	521.44	522.88	530.11	2.60	ppb
Arsenic	75-2	510.37	501.22	515.39	508.99	1.41	ppb
Barium	135-1	2752.13	2597.22	2624.02	2657.79	3.12	ppb
Barium	137-1	2704.11	2559.80	2594.66	2619.52	2.87	ppb
Beryllium	9-1	633.46	605.18	610.09	616.24	2.45	ppb
Bismuth	209-1				99		%
Bismuth	209-2				88		%
Boron	10-1	621.62	595.33	598.49	605.15	2.37	ppb
Boron	11-1	628.03	607.63	621.96	619.21	1.69	ppb
Cadmium	111-1	522.97	504.07	498.82	508.62	2.50	ppb
Cadmium	106-1	518.37	503.01	502.60	507.99	1.77	ppb
Cadmium	108-1	521.04	504.30	499.76	508.37	2.20	ppb
Calcium	43-1	259306.95	240108.52	243844.16	247753.21	4.11	ppb
Calcium	44-1	259644.32	242433.75	244925.76	249001.27	3.74	ppb
Chromium	52-2	522.58	521.76	525.53	523.29	0.38	ppb
Cobalt	59-2	522.12	521.41	526.79	523.44	0.56	ppb
Copper	63-2	1023.68	1018.12	1035.43	1025.74	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				86		%
Iron	56-2	131430.61	130201.26	132551.24	131394.37	0.89	ppb
Iron	57-2	133655.29	131735.50	135474.09	133621.63	1.40	ppb
Krypton	83-1						cps
Lead	206-1	554.32	507.38	505.13	522.28	5.32	ppb
Lead	207-1	532.84	501.22	497.25	510.44	3.82	ppb
Lead	208-1	552.55	513.79	510.64	525.66	4.44	ppb
Lithium	6-1				61		%
Magnesium	24-2	251049.77	248482.61	255333.44	251621.94	1.38	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:37:12	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1015.44	1006.67	1033.02	1018.38	1.32	ppb
Molybdenum	94-1	2731.98	2607.93	2580.72	2640.21	3.05	ppb
Molybdenum	95-1	2722.47	2584.85	2568.47	2625.27	3.22	ppb
Molybdenum	96-1	2720.25	2586.02	2554.05	2620.11	3.37	ppb
Molybdenum	97-1	2736.79	2626.16	2587.50	2650.15	2.92	ppb
Molybdenum	98-1	2701.45	2602.91	2550.45	2618.27	2.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	526.78	519.39	529.04	525.07	0.96	ppb
Phosphorus	31-2	9856.77	9770.69	10506.86	10044.77	4.01	ppb
Potassium	39-2	126614.10	124581.04	128860.12	126685.09	1.69	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				87		%
Scandium	45-2				86		%
Selenium	77-2	528.66	526.33	505.11	520.03	2.50	ppb
Selenium	78-2	497.12	508.72	459.89	488.58	5.22	ppb
Selenium	82-1	524.77	506.86	497.01	509.55	2.76	ppb
Silicon	28-1	455.48	426.28	452.54	444.77	3.61	ppb
Silver	109-1	526.89	508.19	503.94	513.01	2.38	ppb
Silver	107-1	522.63	504.60	505.72	510.98	1.98	ppb
Sodium	23-2	248442.86	252749.58	255662.05	252284.83	1.44	ppb
Strontium	86-1	523.20	506.85	496.26	508.77	2.67	ppb
Strontium	88-1	543.13	519.96	513.42	525.50	2.97	ppb
Sulfur	34-1	8354.33	6734.10	7348.27	7478.90	10.94	ppb
Terbium	159-1				103		%
Terbium	159-2				96		%
Thallium	203-1	568.14	528.62	525.55	540.77	4.39	ppb
Thallium	205-1	563.30	528.68	532.27	541.42	3.52	ppb
Tin	118-1	542.45	519.12	516.79	526.12	2.70	ppb
Titanium	47-1	2761.39	2627.85	2647.29	2678.84	2.69	ppb
Uranium	238-1	550.43	518.19	508.13	525.58	4.20	ppb
Vanadium	51-2	525.13	519.04	529.55	524.57	1.01	ppb
Yttrium	89-1				98		%
Yttrium	89-2				90		%
Zinc	66-2	1039.35	1040.69	1044.62	1041.55	0.26	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:37:12	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	544.94	525.10	513.61	527.89	3.00	ppb
Zirconium	91-1	527.19	506.76	506.40	513.45	2.32	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:43:25	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.67	-0.44	2.76	1.33	121.94	ppb
Antimony	121-1	0.09	0.16	0.19	0.15	33.23	ppb
Arsenic	75-2	0.00	0.07	0.00	0.02	157.99	ppb
Barium	135-1	0.03	0.08	0.00	0.04	114.86	ppb
Barium	137-1	0.03	0.01	0.01	0.02	63.83	ppb
Beryllium	9-1	0.07	0.08	0.07	0.07	15.13	ppb
Bismuth	209-1				98		%
Bismuth	209-2				87		%
Boron	10-1	-16.02	-16.93	-19.58	-17.51		ppb
Boron	11-1	-15.75	-15.96	-15.84	-15.85		ppb
Cadmium	111-1	-0.23	-0.18	-0.28	-0.23		ppb
Cadmium	106-1	-3.37	-2.70	-3.97	-3.35		ppb
Cadmium	108-1	-0.06	0.03	-0.06	-0.03		ppb
Calcium	43-1	-15.34	-14.98	-17.57	-15.96		ppb
Calcium	44-1	49.23	50.03	40.80	46.69	10.94	ppb
Chromium	52-2	0.68	0.71	0.78	0.72	7.27	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.06	0.03	0.01	0.03	73.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				91		%
Indium	115-1				98		%
Indium	115-2				85		%
Iron	56-2	3.09	2.57	3.64	3.10	17.23	ppb
Iron	57-2	5.88	-0.31	6.71	4.09	93.82	ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.32	0.26	0.29	9.81	ppb
Lead	207-1	0.28	0.25	0.28	0.27	6.54	ppb
Lead	208-1	0.28	0.28	0.26	0.27	3.28	ppb
Lithium	6-1				57		%
Magnesium	24-2	1.74	0.85	5.52	2.70	91.74	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:43:25	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.17	0.18	0.23	0.19	14.36	ppb
Molybdenum	94-1	0.11	0.09	0.13	0.11	18.73	ppb
Molybdenum	95-1	0.10	0.12	0.10	0.11	10.06	ppb
Molybdenum	96-1	0.09	0.08	0.10	0.09	11.58	ppb
Molybdenum	97-1	0.17	0.18	0.11	0.15	24.75	ppb
Molybdenum	98-1	0.10	0.10	0.10	0.10	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	-0.01	0.05	0.05	131.75	ppb
Phosphorus	31-2	-23.26	-23.26	-23.26	-23.26		ppb
Potassium	39-2	53.40	47.73	37.14	46.09	17.91	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				80		%
Scandium	45-2				79		%
Selenium	77-2	-2.09	-2.09	1.54	-0.88		ppb
Selenium	78-2	-0.66	0.51	-0.07	-0.07		ppb
Selenium	82-1	0.19	-0.50	-1.39	-0.57		ppb
Silicon	28-1	-32.28	-34.37	-35.00	-33.88		ppb
Silver	109-1	0.02	0.02	0.02	0.02	11.86	ppb
Silver	107-1	0.03	0.03	0.02	0.02	23.72	ppb
Sodium	23-2	191.51	188.16	199.37	193.01	2.98	ppb
Strontium	86-1	-0.02	-0.08	-0.01	-0.04		ppb
Strontium	88-1	0.00	0.01	0.01	0.01	34.01	ppb
Sulfur	34-1	-3258.91	-3278.21	-3644.04	-3393.72		ppb
Terbium	159-1				97		%
Terbium	159-2				89		%
Thallium	203-1	0.05	0.05	0.02	0.04	43.47	ppb
Thallium	205-1	0.04	0.03	0.05	0.04	20.17	ppb
Tin	118-1	0.06	0.08	0.03	0.06	43.39	ppb
Titanium	47-1	0.10	0.05	0.07	0.07	38.61	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.01	0.03	0.02	44.33	ppb
Yttrium	89-1				93		%
Yttrium	89-2				85		%
Zinc	66-2	0.17	0.28	0.49	0.32	51.40	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:43:25	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.00	0.00	43.37	ppb
Zirconium	91-1	-0.02	0.03	0.01	0.00	592.13	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-16	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:48:16	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	135887.32	136679.05	136613.02	136393.13	0.32	ppb
Antimony	121-1	0.34	0.32	0.39	0.35	9.65	ppb
Arsenic	75-2	69.47	69.92	68.38	69.26	1.14	ppb
Barium	135-1	1814.10	1854.49	1867.66	1845.42	1.51	ppb
Barium	137-1	1813.18	1863.36	1875.33	1850.62	1.78	ppb
Beryllium	9-1	9.56	9.87	10.26	9.90	3.51	ppb
Bismuth	209-1				96		%
Bismuth	209-2				86		%
Boron	10-1	-0.18	0.77	-1.35	-0.25		ppb
Boron	11-1	-0.72	0.33	-2.18	-0.86		ppb
Cadmium	111-1	3.49	3.81	3.62	3.64	4.36	ppb
Cadmium	106-1	10.25	12.69	10.66	11.20	11.69	ppb
Cadmium	108-1	6.90	6.74	7.35	7.00	4.54	ppb
Calcium	43-1	15208.39	15667.93	15642.18	15506.17	1.67	ppb
Calcium	44-1	15730.42	15874.52	16311.15	15972.03	1.89	ppb
Chromium	52-2	206.53	209.55	208.07	208.05	0.72	ppb
Cobalt	59-2	126.37	125.57	125.91	125.95	0.32	ppb
Copper	63-2	421.63	424.85	418.01	421.50	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				94		%
Indium	115-1				97		%
Indium	115-2				84		%
Iron	56-2	344057.99	353624.04	348323.50	348668.51	1.37	ppb
Iron	57-2	344374.23	347280.49	345625.16	345759.96	0.42	ppb
Krypton	83-1						cps
Lead	206-1	2455.16	2528.36	2511.03	2498.19	1.53	ppb
Lead	207-1	2255.94	2320.99	2308.75	2295.23	1.51	ppb
Lead	208-1	2341.67	2408.65	2394.49	2381.60	1.48	ppb
Lithium	6-1				58		%
Magnesium	24-2	63053.86	63281.41	62098.78	62811.35	1.00	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-16	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:48:16	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	13023.76	13247.55	12793.30	13021.54	1.74	ppb
Molybdenum	94-1	62.27	64.82	64.10	63.73	2.06	ppb
Molybdenum	95-1	11.08	11.11	10.93	11.04	0.85	ppb
Molybdenum	96-1	17.18	18.03	18.02	17.75	2.74	ppb
Molybdenum	97-1	10.96	11.03	10.69	10.90	1.65	ppb
Molybdenum	98-1	10.62	11.33	11.07	11.01	3.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	272.02	273.37	270.13	271.84	0.60	ppb
Phosphorus	31-2	5381.91	5516.93	5095.46	5331.43	4.04	ppb
Potassium	39-2	6708.09	6645.20	6787.98	6713.76	1.07	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	77-2	271.25	220.70	232.63	241.52	10.94	ppb
Selenium	78-2	44.12	36.32	37.45	39.30	10.73	ppb
Selenium	82-1	3.90	4.02	3.93	3.95	1.57	ppb
Silicon	28-1	8884.62	9049.35	9208.53	9047.50	1.79	ppb
Silver	109-1	0.49	0.41	0.46	0.45	8.45	ppb
Silver	107-1	0.46	0.53	0.47	0.48	7.76	ppb
Sodium	23-2	833.94	816.15	824.27	824.79	1.08	ppb
Strontium	86-1	55.79	57.48	56.14	56.47	1.59	ppb
Strontium	88-1	57.60	59.80	58.52	58.64	1.89	ppb
Sulfur	34-1	-8677.47	-9006.65	-9036.62	-8906.91		ppb
Terbium	159-1				101		%
Terbium	159-2				93		%
Thallium	203-1	0.70	0.69	0.69	0.69	0.79	ppb
Thallium	205-1	0.71	0.75	0.75	0.74	3.08	ppb
Tin	118-1	1.98	2.14	2.13	2.08	4.41	ppb
Titanium	47-1	172.05	172.57	174.98	173.20	0.90	ppb
Uranium	238-1	5.01	5.12	5.00	5.04	1.36	ppb
Vanadium	51-2	197.97	201.12	199.89	199.66	0.79	ppb
Yttrium	89-1				138		%
Yttrium	89-2				125		%
Zinc	66-2	1667.92	1682.61	1702.33	1684.29	1.03	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-16	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:48:16	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	36.67	37.74	37.49	37.30	1.51	ppb
Zirconium	91-1	36.66	37.94	37.51	37.37	1.74	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-17	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:51:37	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	147350.43	147679.10	149018.13	148015.89	0.60	ppb
Antimony	121-1	0.40	0.42	0.40	0.41	2.80	ppb
Arsenic	75-2	54.47	55.10	55.02	54.87	0.62	ppb
Barium	135-1	1981.76	2102.34	2064.04	2049.38	3.01	ppb
Barium	137-1	1978.55	2113.26	2041.03	2044.28	3.30	ppb
Beryllium	9-1	9.68	10.06	9.93	9.89	1.93	ppb
Bismuth	209-1				101		%
Bismuth	209-2				89		%
Boron	10-1	-1.59	-0.44	-2.71	-1.58		ppb
Boron	11-1	-1.96	0.33	0.37	-0.42		ppb
Cadmium	111-1	3.90	4.32	4.47	4.23	6.92	ppb
Cadmium	106-1	10.39	11.57	12.84	11.60	10.57	ppb
Cadmium	108-1	6.92	7.88	6.18	6.99	12.16	ppb
Calcium	43-1	16456.81	17221.41	16678.98	16785.74	2.34	ppb
Calcium	44-1	16775.07	17747.92	17283.54	17268.84	2.82	ppb
Chromium	52-2	228.73	228.54	230.60	229.29	0.50	ppb
Cobalt	59-2	144.03	145.55	145.17	144.91	0.55	ppb
Copper	63-2	445.98	447.47	457.97	450.47	1.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				85		%
Iron	56-2	361144.79	364330.58	367457.80	364311.06	0.87	ppb
Iron	57-2	360269.62	367015.56	366873.01	364719.40	1.06	ppb
Krypton	83-1						cps
Lead	206-1	2196.46	2365.48	2258.11	2273.35	3.76	ppb
Lead	207-1	2034.98	2161.63	2066.66	2087.76	3.16	ppb
Lead	208-1	2100.59	2254.06	2153.63	2169.43	3.59	ppb
Lithium	6-1				60		%
Magnesium	24-2	60030.67	61507.11	62227.91	61255.23	1.83	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-17	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:51:37	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	14136.13	13860.10	14154.93	14050.39	1.17	ppb
Molybdenum	94-1	60.70	62.37	60.27	61.11	1.82	ppb
Molybdenum	95-1	12.00	11.91	12.25	12.05	1.49	ppb
Molybdenum	96-1	18.29	18.69	18.11	18.36	1.61	ppb
Molybdenum	97-1	11.97	12.52	12.14	12.21	2.29	ppb
Molybdenum	98-1	11.86	12.34	11.90	12.03	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	302.72	299.64	307.69	303.35	1.34	ppb
Phosphorus	31-2	5988.12	5929.31	5981.67	5966.36	0.54	ppb
Potassium	39-2	7098.33	7078.32	7065.02	7080.56	0.24	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				90		%
Selenium	77-2	221.45	241.13	237.80	233.46	4.51	ppb
Selenium	78-2	48.13	42.39	46.08	45.53	6.39	ppb
Selenium	82-1	3.17	3.52	3.37	3.35	5.22	ppb
Silicon	28-1	11658.21	11881.03	11592.62	11710.62	1.29	ppb
Silver	109-1	0.56	0.57	0.50	0.54	6.74	ppb
Silver	107-1	0.56	0.62	0.57	0.58	5.41	ppb
Sodium	23-2	718.06	740.19	735.29	731.18	1.59	ppb
Strontium	86-1	63.25	65.22	63.83	64.10	1.58	ppb
Strontium	88-1	64.91	67.83	65.78	66.17	2.27	ppb
Sulfur	34-1	-9998.91	-9617.23	-9990.75	-9868.96		ppb
Terbium	159-1				105		%
Terbium	159-2				95		%
Thallium	203-1	0.75	0.75	0.73	0.74	1.09	ppb
Thallium	205-1	0.76	0.83	0.77	0.79	4.51	ppb
Tin	118-1	1.77	1.75	1.85	1.79	2.77	ppb
Titanium	47-1	182.13	195.66	188.41	188.73	3.59	ppb
Uranium	238-1	4.31	4.72	4.56	4.53	4.65	ppb
Vanadium	51-2	214.27	211.25	212.35	212.62	0.72	ppb
Yttrium	89-1				142		%
Yttrium	89-2				128		%
Zinc	66-2	1525.20	1532.10	1523.83	1527.04	0.29	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-17	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:51:37	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	34.97	36.53	35.31	35.61	2.30	ppb
Zirconium	91-1	34.30	35.55	35.19	35.01	1.84	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-18	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:54:58	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	143698.82	140460.86	137502.68	140554.12	2.20	ppb
Antimony	121-1	0.38	0.40	0.47	0.42	10.99	ppb
Arsenic	75-2	56.95	54.27	53.22	54.81	3.51	ppb
Barium	135-1	1793.67	1812.14	1844.94	1816.92	1.43	ppb
Barium	137-1	1798.14	1800.13	1843.00	1813.76	1.40	ppb
Beryllium	9-1	8.59	8.81	8.40	8.60	2.40	ppb
Bismuth	209-1				102		%
Bismuth	209-2				88		%
Boron	10-1	-3.25	-3.28	-2.78	-3.10		ppb
Boron	11-1	-2.90	-2.21	-1.94	-2.35		ppb
Cadmium	111-1	3.60	4.00	4.03	3.88	6.19	ppb
Cadmium	106-1	11.99	11.44	9.18	10.87	13.68	ppb
Cadmium	108-1	7.28	6.74	5.45	6.49	14.51	ppb
Calcium	43-1	19408.90	19167.38	19895.49	19490.59	1.90	ppb
Calcium	44-1	19774.29	19419.54	20104.81	19766.21	1.73	ppb
Chromium	52-2	227.81	221.12	216.32	221.75	2.60	ppb
Cobalt	59-2	139.21	136.84	136.96	137.67	0.97	ppb
Copper	63-2	400.32	389.54	386.26	392.04	1.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				95		%
Indium	115-1				102		%
Indium	115-2				84		%
Iron	56-2	342027.15	336114.78	332141.18	336761.04	1.48	ppb
Iron	57-2	342121.04	334015.38	332780.77	336305.73	1.51	ppb
Krypton	83-1						cps
Lead	206-1	1986.74	2014.92	2067.74	2023.13	2.03	ppb
Lead	207-1	1822.84	1824.47	1880.37	1842.56	1.78	ppb
Lead	208-1	1885.29	1913.77	1951.11	1916.72	1.72	ppb
Lithium	6-1				60		%
Magnesium	24-2	62884.66	61164.71	61121.83	61723.73	1.63	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-18	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:54:58	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	14104.63	13753.91	13682.64	13847.06	1.63	ppb
Molybdenum	94-1	58.66	59.44	60.07	59.39	1.19	ppb
Molybdenum	95-1	10.63	11.12	11.19	10.98	2.78	ppb
Molybdenum	96-1	17.08	17.51	17.88	17.49	2.29	ppb
Molybdenum	97-1	11.23	11.07	11.50	11.27	1.93	ppb
Molybdenum	98-1	11.13	10.94	11.10	11.06	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	334.88	329.95	329.99	331.61	0.86	ppb
Phosphorus	31-2	6850.25	6825.12	6994.86	6890.08	1.33	ppb
Potassium	39-2	7111.66	6906.58	6812.57	6943.60	2.20	ppb
Rhodium	103-1				96		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	77-2	247.43	245.25	202.65	231.78	10.89	ppb
Selenium	78-2	35.40	41.08	40.50	38.99	8.01	ppb
Selenium	82-1	2.70	3.88	4.20	3.59	21.99	ppb
Silicon	28-1	11562.74	11194.99	11564.41	11440.72	1.86	ppb
Silver	109-1	0.44	0.45	0.45	0.45	2.06	ppb
Silver	107-1	0.54	0.47	0.50	0.50	6.75	ppb
Sodium	23-2	834.41	810.79	792.68	812.63	2.57	ppb
Strontium	86-1	69.73	70.76	72.68	71.06	2.11	ppb
Strontium	88-1	73.73	74.85	75.70	74.76	1.32	ppb
Sulfur	34-1	-9928.23	-10101.17	-9850.08	-9959.83		ppb
Terbium	159-1				106		%
Terbium	159-2				94		%
Thallium	203-1	0.76	0.78	0.71	0.75	4.89	ppb
Thallium	205-1	0.74	0.76	0.76	0.76	1.46	ppb
Tin	118-1	2.16	2.25	2.16	2.19	2.31	ppb
Titanium	47-1	193.54	194.35	198.39	195.43	1.33	ppb
Uranium	238-1	4.24	4.27	4.35	4.29	1.28	ppb
Vanadium	51-2	202.61	196.20	195.73	198.18	1.94	ppb
Yttrium	89-1				143		%
Yttrium	89-2				126		%
Zinc	66-2	1655.35	1617.67	1616.96	1629.99	1.35	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-18	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:54:58	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	34.06	34.27	35.14	34.49	1.66	ppb
Zirconium	91-1	34.03	34.23	34.83	34.36	1.22	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-19	Instrumnet Name :	P8
Client Sample ID :	P001-SS008-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:58:18	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	125732.08	127271.03	126916.91	126640.01	0.64	ppb
Antimony	121-1	0.54	0.50	0.50	0.51	5.17	ppb
Arsenic	75-2	62.11	60.71	62.36	61.72	1.44	ppb
Barium	135-1	1774.31	1771.65	1757.15	1767.70	0.52	ppb
Barium	137-1	1762.43	1749.38	1772.43	1761.41	0.66	ppb
Beryllium	9-1	8.77	8.75	8.47	8.66	1.92	ppb
Bismuth	209-1				104		%
Bismuth	209-2				92		%
Boron	10-1	-2.77	0.00	-2.15	-1.64		ppb
Boron	11-1	-1.96	-3.28	-0.63	-1.96		ppb
Cadmium	111-1	3.92	3.76	3.94	3.87	2.54	ppb
Cadmium	106-1	9.46	7.65	9.77	8.96	12.75	ppb
Cadmium	108-1	6.87	6.38	5.96	6.41	7.13	ppb
Calcium	43-1	22194.65	21068.33	21636.93	21633.30	2.60	ppb
Calcium	44-1	22845.05	21629.16	22001.07	22158.42	2.81	ppb
Chromium	52-2	200.01	201.90	205.50	202.47	1.38	ppb
Cobalt	59-2	121.07	122.07	122.39	121.84	0.56	ppb
Copper	63-2	356.31	358.09	361.87	358.76	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				86		%
Iron	56-2	308975.07	309279.93	314088.22	310781.08	0.92	ppb
Iron	57-2	306973.71	312300.18	310145.59	309806.49	0.86	ppb
Krypton	83-1						cps
Lead	206-1	2550.33	2532.28	2566.43	2549.68	0.67	ppb
Lead	207-1	2375.99	2312.11	2344.63	2344.25	1.36	ppb
Lead	208-1	2451.65	2419.25	2424.33	2431.74	0.72	ppb
Lithium	6-1				61		%
Magnesium	24-2	58860.68	60149.53	60442.88	59817.70	1.41	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-19	Instrumnet Name :	P8
Client Sample ID :	P001-SS008-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:58:18	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	15397.50	15523.66	15643.14	15521.43	0.79	ppb
Molybdenum	94-1	57.30	57.28	56.70	57.09	0.59	ppb
Molybdenum	95-1	11.31	10.83	11.07	11.07	2.19	ppb
Molybdenum	96-1	17.62	16.61	16.76	17.00	3.22	ppb
Molybdenum	97-1	11.06	10.82	10.88	10.92	1.16	ppb
Molybdenum	98-1	11.19	11.24	10.96	11.13	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	247.86	250.94	248.58	249.13	0.65	ppb
Phosphorus	31-2	5999.16	6292.05	6481.33	6257.51	3.88	ppb
Potassium	39-2	6483.84	6383.62	6665.02	6510.83	2.19	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				90		%
Selenium	77-2	223.01	218.30	246.12	229.14	6.50	ppb
Selenium	78-2	43.61	40.01	43.68	42.43	4.95	ppb
Selenium	82-1	3.00	2.58	2.64	2.74	8.31	ppb
Silicon	28-1	13332.01	12731.36	12862.90	12975.42	2.43	ppb
Silver	109-1	0.50	0.48	0.48	0.49	2.29	ppb
Silver	107-1	0.43	0.55	0.51	0.50	11.67	ppb
Sodium	23-2	695.29	687.73	676.04	686.35	1.41	ppb
Strontium	86-1	61.00	59.65	58.33	59.66	2.24	ppb
Strontium	88-1	62.59	61.52	60.90	61.67	1.38	ppb
Sulfur	34-1	-9298.80	-9869.66	-9881.75	-9683.40		ppb
Terbium	159-1				108		%
Terbium	159-2				97		%
Thallium	203-1	0.65	0.69	0.69	0.68	3.21	ppb
Thallium	205-1	0.66	0.72	0.70	0.70	4.41	ppb
Tin	118-1	1.82	1.77	1.71	1.77	3.18	ppb
Titanium	47-1	215.62	209.61	208.82	211.35	1.76	ppb
Uranium	238-1	4.36	4.20	4.20	4.25	2.13	ppb
Vanadium	51-2	175.04	176.61	180.76	177.47	1.67	ppb
Yttrium	89-1				138		%
Yttrium	89-2				123		%
Zinc	66-2	1508.76	1508.49	1507.37	1508.21	0.05	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-19	Instrumnet Name :	P8
Client Sample ID :	P001-SS008-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:58:18	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	32.87	33.10	32.28	32.75	1.29	ppb
Zirconium	91-1	32.97	32.62	32.23	32.60	1.14	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-20	Instrumnet Name :	P8
Client Sample ID :	P001-SS008-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 16:01:39	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	134018.33	138876.76	142890.25	138595.11	3.21	ppb
Antimony	121-1	0.40	0.41	0.39	0.40	2.75	ppb
Arsenic	75-2	53.09	52.76	53.85	53.23	1.05	ppb
Barium	135-1	1707.27	1768.18	1741.19	1738.88	1.76	ppb
Barium	137-1	1685.34	1764.36	1740.45	1730.05	2.34	ppb
Beryllium	9-1	8.28	8.71	8.23	8.41	3.16	ppb
Bismuth	209-1				106		%
Bismuth	209-2				90		%
Boron	10-1	-4.23	-4.53	-5.92	-4.89		ppb
Boron	11-1	-4.33	-3.86	-3.50	-3.90		ppb
Cadmium	111-1	3.24	3.51	3.33	3.36	4.09	ppb
Cadmium	106-1	9.50	9.07	7.22	8.60	14.06	ppb
Cadmium	108-1	6.25	5.37	6.82	6.15	11.81	ppb
Calcium	43-1	12019.68	12804.82	12537.73	12454.07	3.21	ppb
Calcium	44-1	12404.18	13186.05	12850.58	12813.61	3.06	ppb
Chromium	52-2	197.31	205.94	207.66	203.64	2.73	ppb
Cobalt	59-2	112.91	117.91	120.77	117.19	3.39	ppb
Copper	63-2	368.88	387.33	396.12	384.11	3.62	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				108		%
Holmium	165-2				98		%
Indium	115-1				104		%
Indium	115-2				85		%
Iron	56-2	302476.01	315079.54	323916.05	313823.86	3.43	ppb
Iron	57-2	303704.34	317228.39	320636.46	313856.40	2.85	ppb
Krypton	83-1						cps
Lead	206-1	2531.91	2582.19	2557.68	2557.26	0.98	ppb
Lead	207-1	2307.81	2368.77	2380.37	2352.32	1.66	ppb
Lead	208-1	2407.35	2450.21	2446.56	2434.71	0.98	ppb
Lithium	6-1				61		%
Magnesium	24-2	56701.18	59181.47	60171.67	58684.78	3.05	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-20	Instrumnet Name :	P8
Client Sample ID :	P001-SS008-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 16:01:39	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10192.29	10506.45	10767.89	10488.87	2.75	ppb
Molybdenum	94-1	52.69	55.13	54.94	54.25	2.51	ppb
Molybdenum	95-1	9.60	9.67	10.00	9.76	2.16	ppb
Molybdenum	96-1	15.56	15.67	15.49	15.58	0.58	ppb
Molybdenum	97-1	9.91	10.31	9.73	9.98	2.97	ppb
Molybdenum	98-1	9.68	9.89	9.72	9.77	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	260.91	273.18	280.41	271.50	3.63	ppb
Phosphorus	31-2	5713.01	4992.24	4941.32	5215.52	8.28	ppb
Potassium	39-2	6184.31	6363.37	6586.38	6378.02	3.16	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				87		%
Selenium	77-2	209.83	190.43	207.68	202.65	5.25	ppb
Selenium	78-2	37.75	38.32	45.18	40.41	10.23	ppb
Selenium	82-1	3.29	3.78	3.74	3.60	7.67	ppb
Silicon	28-1	12774.97	13698.51	13261.31	13244.93	3.49	ppb
Silver	109-1	0.48	0.55	0.54	0.52	6.78	ppb
Silver	107-1	0.51	0.52	0.55	0.53	3.99	ppb
Sodium	23-2	749.63	767.86	804.45	773.98	3.61	ppb
Strontium	86-1	47.94	48.55	47.40	47.96	1.19	ppb
Strontium	88-1	49.04	49.67	48.98	49.23	0.78	ppb
Sulfur	34-1	-10809.82	-10002.53	-10432.73	-10415.03		ppb
Terbium	159-1				109		%
Terbium	159-2				95		%
Thallium	203-1	0.71	0.82	0.77	0.77	6.70	ppb
Thallium	205-1	0.70	0.79	0.72	0.74	5.99	ppb
Tin	118-1	1.77	1.84	1.78	1.80	2.17	ppb
Titanium	47-1	241.10	252.11	242.04	245.08	2.49	ppb
Uranium	238-1	3.94	3.97	3.98	3.96	0.56	ppb
Vanadium	51-2	186.01	195.04	198.39	193.15	3.32	ppb
Yttrium	89-1				139		%
Yttrium	89-2				122		%
Zinc	66-2	1468.94	1533.03	1568.80	1523.59	3.32	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-20	Instrumnet Name :	P8
Client Sample ID :	P001-SS008-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 16:01:39	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	30.57	31.48	31.31	31.12	1.56	ppb
Zirconium	91-1	30.69	31.59	31.68	31.32	1.75	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-01DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:05:00	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29941.30	29724.21	28921.19	29528.90	1.82	ppb
Antimony	121-1	0.06	0.05	0.05	0.05	7.89	ppb
Arsenic	75-2	16.68	14.62	15.45	15.58	6.63	ppb
Barium	135-1	362.24	368.91	365.04	365.40	0.92	ppb
Barium	137-1	365.24	367.62	364.50	365.79	0.45	ppb
Beryllium	9-1	1.98	2.16	2.21	2.12	5.76	ppb
Bismuth	209-1				106		%
Bismuth	209-2				94		%
Boron	10-1	-19.85	-18.48	-19.36	-19.23		ppb
Boron	11-1	-19.10	-19.35	-18.89	-19.11		ppb
Cadmium	111-1	0.26	0.54	0.36	0.39	36.15	ppb
Cadmium	106-1	-1.44	0.30	-0.71	-0.62		ppb
Cadmium	108-1	1.14	0.86	1.47	1.16	26.51	ppb
Calcium	43-1	2380.61	2352.70	2356.35	2363.22	0.64	ppb
Calcium	44-1	2423.51	2396.79	2440.44	2420.25	0.91	ppb
Chromium	52-2	42.18	41.96	40.43	41.52	2.30	ppb
Cobalt	59-2	31.08	30.93	30.38	30.80	1.20	ppb
Copper	63-2	81.51	81.06	79.90	80.82	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				88		%
Iron	56-2	76648.50	76211.46	74771.46	75877.14	1.29	ppb
Iron	57-2	75352.67	74597.34	73697.30	74549.10	1.11	ppb
Krypton	83-1						cps
Lead	206-1	189.50	188.14	186.71	188.11	0.74	ppb
Lead	207-1	174.20	172.23	171.12	172.52	0.91	ppb
Lead	208-1	181.71	179.86	179.68	180.42	0.62	ppb
Lithium	6-1				58		%
Magnesium	24-2	13183.23	12957.65	12638.44	12926.44	2.12	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-01DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:05:00	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3642.30	3635.73	3548.45	3608.83	1.45	ppb
Molybdenum	94-1	15.46	16.04	15.55	15.68	1.98	ppb
Molybdenum	95-1	1.83	1.85	1.74	1.81	3.10	ppb
Molybdenum	96-1	3.56	3.59	3.67	3.61	1.55	ppb
Molybdenum	97-1	1.70	1.88	1.77	1.78	5.16	ppb
Molybdenum	98-1	1.67	1.75	1.77	1.73	3.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	60.42	60.05	58.78	59.75	1.44	ppb
Phosphorus	31-2	901.45	878.23	881.24	886.97	1.42	ppb
Potassium	39-2	1558.00	1533.81	1459.03	1516.95	3.40	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				84		%
Scandium	45-2				83		%
Selenium	77-2	42.57	68.13	45.37	52.02	26.94	ppb
Selenium	78-2	21.61	11.78	14.76	16.05	31.43	ppb
Selenium	82-1	0.96	1.13	0.16	0.75	69.64	ppb
Silicon	28-1	2022.87	2017.84	2022.98	2021.23	0.15	ppb
Silver	109-1	0.06	0.07	0.07	0.07	13.02	ppb
Silver	107-1	0.07	0.05	0.07	0.07	16.50	ppb
Sodium	23-2	166.46	172.33	151.00	163.26	6.75	ppb
Strontium	86-1	13.13	13.43	12.96	13.17	1.80	ppb
Strontium	88-1	13.56	13.65	13.40	13.54	0.94	ppb
Sulfur	34-1	-10902.51	-10865.64	-11022.22	-10930.12		ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.13	0.11	0.14	0.12	12.45	ppb
Thallium	205-1	0.12	0.13	0.13	0.13	3.81	ppb
Tin	118-1	0.12	0.11	0.14	0.12	14.06	ppb
Titanium	47-1	46.27	46.59	46.33	46.40	0.36	ppb
Uranium	238-1	0.88	0.81	0.82	0.83	4.37	ppb
Vanadium	51-2	39.23	37.36	37.71	38.10	2.61	ppb
Yttrium	89-1				108		%
Yttrium	89-2				97		%
Zinc	66-2	300.15	299.19	290.81	296.72	1.73	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-01DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:05:00	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	9.47	9.56	9.62	9.55	0.81	ppb
Zirconium	91-1	9.45	9.84	9.74	9.68	2.07	ppb

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-02DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS015-0612-02DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 16:08:24 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14631.91	15938.94	15194.38	15255.07	4.30	ppb
Antimony	121-1	0.24	0.26	0.18	0.23	19.33	ppb
Arsenic	75-2	5.39	5.75	5.71	5.62	3.47	ppb
Barium	135-1	344.57	346.40	333.42	341.46	2.06	ppb
Barium	137-1	346.20	349.09	332.47	342.59	2.59	ppb
Beryllium	9-1	1.01	0.86	0.84	0.90	10.19	ppb
Bismuth	209-1				103		%
Bismuth	209-2				94		%
Boron	10-1	-21.89	-21.52	-20.13	-21.18		ppb
Boron	11-1	-20.06	-20.36	-20.55	-20.32		ppb
Cadmium	111-1	0.21	0.18	0.11	0.17	33.45	ppb
Cadmium	106-1	-0.67	-2.26	-2.40	-1.77		ppb
Cadmium	108-1	0.29	0.46	0.48	0.41	26.38	ppb
Calcium	43-1	614.96	638.36	616.65	623.32	2.09	ppb
Calcium	44-1	648.72	675.08	653.08	658.96	2.14	ppb
Chromium	52-2	17.04	18.85	18.59	18.16	5.39	ppb
Cobalt	59-2	5.24	5.72	5.46	5.47	4.45	ppb
Copper	63-2	50.97	56.30	53.11	53.46	5.02	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				103		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				89		%
Iron	56-2	19980.29	21507.58	20584.75	20690.87	3.72	ppb
Iron	57-2	19553.96	21238.33	20388.30	20393.53	4.13	ppb
Krypton	83-1						cps
Lead	206-1	124.38	121.49	117.51	121.13	2.85	ppb
Lead	207-1	114.05	112.34	108.53	111.64	2.53	ppb
Lead	208-1	118.21	116.90	113.28	116.13	2.20	ppb
Lithium	6-1				55		%
Magnesium	24-2	2380.83	2548.08	2509.10	2479.34	3.53	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-02DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS015-0612-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:08:24	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	117.60	126.40	124.38	122.79	3.75	ppb
Molybdenum	94-1	4.69	4.86	4.67	4.74	2.31	ppb
Molybdenum	95-1	1.19	1.22	1.08	1.16	6.41	ppb
Molybdenum	96-1	1.72	1.75	1.53	1.67	7.29	ppb
Molybdenum	97-1	1.16	1.16	1.24	1.19	3.76	ppb
Molybdenum	98-1	1.16	1.26	1.05	1.16	8.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.63	18.57	17.92	17.70	5.57	ppb
Phosphorus	31-2	1119.20	1240.90	1004.11	1121.40	10.56	ppb
Potassium	39-2	477.53	498.05	455.89	477.16	4.42	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				81		%
Scandium	45-2				82		%
Selenium	77-2	14.11	15.07	21.60	16.93	24.07	ppb
Selenium	78-2	2.50	3.80	4.29	3.53	26.24	ppb
Selenium	82-1	1.22	0.63	0.17	0.67	78.63	ppb
Silicon	28-1	1585.03	1675.36	1605.67	1622.02	2.92	ppb
Silver	109-1	0.09	0.12	0.08	0.10	17.30	ppb
Silver	107-1	0.08	0.08	0.09	0.08	4.47	ppb
Sodium	23-2	148.74	200.36	175.56	174.89	14.76	ppb
Strontium	86-1	8.37	8.19	8.40	8.32	1.37	ppb
Strontium	88-1	8.55	8.74	8.32	8.54	2.43	ppb
Sulfur	34-1	-8300.85	-7958.12	-8310.57	-8189.85		ppb
Terbium	159-1				103		%
Terbium	159-2				96		%
Thallium	203-1	0.22	0.16	0.18	0.19	18.25	ppb
Thallium	205-1	0.18	0.18	0.18	0.18	1.63	ppb
Tin	118-1	0.50	0.52	0.46	0.49	7.01	ppb
Titanium	47-1	39.87	41.59	39.62	40.36	2.66	ppb
Uranium	238-1	0.82	0.82	0.74	0.79	6.01	ppb
Vanadium	51-2	22.77	24.66	23.54	23.65	4.01	ppb
Yttrium	89-1				99		%
Yttrium	89-2				92		%
Zinc	66-2	58.92	62.31	60.70	60.64	2.80	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-02DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS015-0612-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:08:24	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.69	2.75	2.56	2.67	3.54	ppb
Zirconium	91-1	2.57	2.75	2.57	2.63	3.88	ppb

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-03DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS016-0006-02DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 16:11:49 DataFile Name : 050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22412.10	22168.08	21931.01	22170.40	1.09	ppb
Antimony	121-1	0.09	0.11	0.07	0.09	17.11	ppb
Arsenic	75-2	7.92	8.09	7.44	7.82	4.29	ppb
Barium	135-1	315.15	315.14	312.67	314.32	0.45	ppb
Barium	137-1	319.90	317.94	312.45	316.76	1.22	ppb
Beryllium	9-1	1.43	1.38	1.18	1.33	9.82	ppb
Bismuth	209-1				103		%
Bismuth	209-2				88		%
Boron	10-1	-20.35	-20.99	-20.17	-20.50		ppb
Boron	11-1	-20.26	-20.68	-19.88	-20.27		ppb
Cadmium	111-1	0.33	0.18	0.19	0.23	35.40	ppb
Cadmium	106-1	-0.32	-2.35	-2.58	-1.75		ppb
Cadmium	108-1	0.75	0.84	0.78	0.79	5.83	ppb
Calcium	43-1	2887.02	2848.93	2755.01	2830.32	2.40	ppb
Calcium	44-1	2927.38	2850.15	2853.95	2877.16	1.51	ppb
Chromium	52-2	29.59	28.91	28.97	29.16	1.30	ppb
Cobalt	59-2	16.71	16.83	16.98	16.84	0.79	ppb
Copper	63-2	39.74	40.50	39.35	39.86	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				92		%
Indium	115-1				100		%
Indium	115-2				82		%
Iron	56-2	48156.20	48125.12	47662.37	47981.23	0.58	ppb
Iron	57-2	47499.16	47260.76	46718.95	47159.63	0.85	ppb
Krypton	83-1						cps
Lead	206-1	48.15	47.83	47.70	47.90	0.48	ppb
Lead	207-1	44.74	44.12	43.55	44.14	1.35	ppb
Lead	208-1	46.01	45.49	45.52	45.67	0.65	ppb
Lithium	6-1				56		%
Magnesium	24-2	8064.56	7975.44	7934.26	7991.42	0.83	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-03DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS016-0006-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:11:49	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1336.51	1335.50	1325.03	1332.35	0.48	ppb
Molybdenum	94-1	7.79	7.66	7.53	7.66	1.73	ppb
Molybdenum	95-1	0.92	0.93	0.99	0.95	4.18	ppb
Molybdenum	96-1	1.78	1.87	1.63	1.76	7.03	ppb
Molybdenum	97-1	0.88	0.88	0.90	0.89	1.53	ppb
Molybdenum	98-1	0.83	0.93	0.78	0.85	9.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.12	40.06	41.51	40.56	2.03	ppb
Phosphorus	31-2	1430.40	1339.12	1295.69	1355.07	5.07	ppb
Potassium	39-2	1261.33	1231.54	1264.30	1252.39	1.45	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				81		%
Scandium	45-2				79		%
Selenium	77-2	25.76	41.08	26.41	31.08	27.86	ppb
Selenium	78-2	4.99	5.76	5.70	5.49	7.82	ppb
Selenium	82-1	1.30	2.19	0.58	1.36	59.52	ppb
Silicon	28-1	2317.10	2349.73	2256.97	2307.93	2.04	ppb
Silver	109-1	0.07	0.04	0.07	0.06	25.93	ppb
Silver	107-1	0.06	0.06	0.06	0.06	4.48	ppb
Sodium	23-2	179.19	173.15	170.50	174.28	2.56	ppb
Strontium	86-1	21.44	21.47	20.17	21.03	3.54	ppb
Strontium	88-1	21.72	21.74	21.52	21.66	0.55	ppb
Sulfur	34-1	-9723.31	-9907.29	-10174.46	-9935.02		ppb
Terbium	159-1				104		%
Terbium	159-2				91		%
Thallium	203-1	0.15	0.14	0.14	0.14	2.84	ppb
Thallium	205-1	0.14	0.12	0.13	0.13	8.49	ppb
Tin	118-1	0.12	0.08	0.05	0.08	42.86	ppb
Titanium	47-1	51.70	49.95	54.86	52.17	4.77	ppb
Uranium	238-1	1.44	1.41	1.42	1.42	1.00	ppb
Vanadium	51-2	35.10	34.73	35.66	35.16	1.34	ppb
Yttrium	89-1				100		%
Yttrium	89-2				87		%
Zinc	66-2	133.24	132.06	134.67	133.32	0.98	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-03DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS016-0006-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:11:49	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	4.76	4.76	4.62	4.71	1.74	ppb
Zirconium	91-1	4.50	4.71	4.86	4.69	3.85	ppb

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-05DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS005-0006-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 16:15:13 DataFile Name : 051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13671.71	13921.97	13726.09	13773.26	0.96	ppb
Antimony	121-1	0.16	0.16	0.17	0.16	3.02	ppb
Arsenic	75-2	8.36	9.03	7.83	8.41	7.14	ppb
Barium	135-1	125.45	123.42	124.30	124.39	0.82	ppb
Barium	137-1	124.13	124.16	123.24	123.85	0.42	ppb
Beryllium	9-1	0.85	1.03	0.95	0.94	9.36	ppb
Bismuth	209-1				104		%
Bismuth	209-2				89		%
Boron	10-1	-16.57	-16.43	-16.81	-16.60		ppb
Boron	11-1	-14.35	-15.70	-15.17	-15.07		ppb
Cadmium	111-1	0.26	0.30	0.13	0.23	39.22	ppb
Cadmium	106-1	-1.05	-1.44	-2.57	-1.69		ppb
Cadmium	108-1	0.91	0.82	1.19	0.97	20.16	ppb
Calcium	43-1	18961.22	19101.60	18757.12	18939.98	0.91	ppb
Calcium	44-1	19066.99	19931.48	19494.72	19497.73	2.22	ppb
Chromium	52-2	33.50	33.28	33.76	33.51	0.71	ppb
Cobalt	59-2	13.75	14.19	14.14	14.03	1.73	ppb
Copper	63-2	71.75	72.85	72.38	72.33	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				94		%
Indium	115-1				101		%
Indium	115-2				84		%
Iron	56-2	38922.65	39121.74	38754.50	38932.96	0.47	ppb
Iron	57-2	38039.32	38456.18	38275.64	38257.04	0.55	ppb
Krypton	83-1						cps
Lead	206-1	92.08	93.36	95.53	93.65	1.86	ppb
Lead	207-1	83.26	84.93	86.68	84.95	2.01	ppb
Lead	208-1	88.07	89.33	91.14	89.51	1.73	ppb
Lithium	6-1				54		%
Magnesium	24-2	9084.63	9142.28	9075.09	9100.67	0.40	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-05DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:15:13	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1048.17	1058.89	1034.96	1047.34	1.14	ppb
Molybdenum	94-1	13.74	13.80	14.34	13.96	2.36	ppb
Molybdenum	95-1	1.93	1.73	1.89	1.85	5.70	ppb
Molybdenum	96-1	3.31	3.32	3.39	3.34	1.32	ppb
Molybdenum	97-1	2.07	1.81	1.97	1.95	6.63	ppb
Molybdenum	98-1	1.85	1.81	2.02	1.90	5.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.01	34.36	35.22	34.86	1.27	ppb
Phosphorus	31-2	1369.16	1370.25	1681.02	1473.48	12.20	ppb
Potassium	39-2	1711.81	1682.65	1722.94	1705.80	1.22	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				80		%
Scandium	45-2				78		%
Selenium	77-2	40.14	22.37	39.73	34.08	29.77	ppb
Selenium	78-2	7.91	3.31	7.83	6.35	41.46	ppb
Selenium	82-1	0.07	0.50	0.57	0.38	72.13	ppb
Silicon	28-1	1856.67	1862.06	1856.50	1858.41	0.17	ppb
Silver	109-1	0.48	0.54	0.52	0.51	5.88	ppb
Silver	107-1	0.53	0.50	0.50	0.51	2.94	ppb
Sodium	23-2	184.52	190.76	191.00	188.76	1.95	ppb
Strontium	86-1	57.24	57.24	59.10	57.86	1.86	ppb
Strontium	88-1	60.51	60.08	61.72	60.77	1.40	ppb
Sulfur	34-1	-8943.68	-8593.98	-8774.22	-8770.63		ppb
Terbium	159-1				105		%
Terbium	159-2				93		%
Thallium	203-1	0.10	0.08	0.08	0.09	15.96	ppb
Thallium	205-1	0.08	0.11	0.09	0.09	13.01	ppb
Tin	118-1	0.43	0.37	0.43	0.41	7.73	ppb
Titanium	47-1	60.49	62.13	62.45	61.69	1.71	ppb
Uranium	238-1	0.53	0.53	0.50	0.52	2.90	ppb
Vanadium	51-2	25.88	26.41	25.90	26.06	1.15	ppb
Yttrium	89-1				100		%
Yttrium	89-2				88		%
Zinc	66-2	228.77	224.55	227.44	226.92	0.95	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-05DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:15:13	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	8.14	8.24	8.55	8.31	2.61	ppb
Zirconium	91-1	8.38	8.29	8.37	8.34	0.56	ppb

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-06DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS005-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 16:18:37 DataFile Name : 052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21116.45	21327.43	20986.89	21143.59	0.81	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	4.76	ppb
Arsenic	75-2	11.96	11.32	12.49	11.92	4.90	ppb
Barium	135-1	118.13	120.03	122.22	120.13	1.70	ppb
Barium	137-1	119.00	120.27	121.71	120.33	1.12	ppb
Beryllium	9-1	1.47	1.40	1.41	1.43	2.90	ppb
Bismuth	209-1				103		%
Bismuth	209-2				87		%
Boron	10-1	-18.03	-18.75	-16.78	-17.85		ppb
Boron	11-1	-18.69	-17.81	-17.62	-18.04		ppb
Cadmium	111-1	0.10	0.22	0.14	0.15	41.08	ppb
Cadmium	106-1	-1.63	0.17	-0.13	-0.53		ppb
Cadmium	108-1	0.87	0.98	0.88	0.91	6.51	ppb
Calcium	43-1	21120.30	21688.77	22812.49	21873.86	3.94	ppb
Calcium	44-1	21801.29	22119.96	23225.13	22382.12	3.34	ppb
Chromium	52-2	35.39	35.71	35.69	35.60	0.51	ppb
Cobalt	59-2	23.03	22.78	22.93	22.91	0.56	ppb
Copper	63-2	61.28	61.31	60.06	60.88	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				93		%
Indium	115-1				101		%
Indium	115-2				83		%
Iron	56-2	62817.33	61510.08	62015.07	62114.16	1.06	ppb
Iron	57-2	61438.44	60682.34	60914.06	61011.61	0.63	ppb
Krypton	83-1						cps
Lead	206-1	32.60	33.55	34.08	33.41	2.24	ppb
Lead	207-1	30.47	30.69	31.53	30.90	1.81	ppb
Lead	208-1	31.55	32.21	32.73	32.16	1.83	ppb
Lithium	6-1				54		%
Magnesium	24-2	16241.58	16116.42	15932.79	16096.93	0.96	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-06DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:18:37	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1477.03	1475.20	1451.09	1467.77	0.99	ppb
Molybdenum	94-1	16.91	17.56	18.14	17.54	3.52	ppb
Molybdenum	95-1	0.89	0.88	0.93	0.90	2.72	ppb
Molybdenum	96-1	3.02	2.98	3.04	3.01	1.10	ppb
Molybdenum	97-1	0.91	1.04	1.13	1.03	10.87	ppb
Molybdenum	98-1	0.86	0.91	0.99	0.92	6.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.73	55.55	54.32	54.87	1.14	ppb
Phosphorus	31-2	1308.43	1346.23	1642.31	1432.32	12.76	ppb
Potassium	39-2	1958.77	1962.72	1900.02	1940.50	1.81	ppb
Rhodium	103-1				97		%
Rhodium	103-2				92		%
Scandium	45-1				81		%
Scandium	45-2				77		%
Selenium	77-2	26.17	53.12	67.83	49.04	43.09	ppb
Selenium	78-2	13.10	6.62	7.85	9.19	37.43	ppb
Selenium	82-1	0.07	-0.40	-0.42	-0.25		ppb
Silicon	28-1	1283.81	1330.51	1372.81	1329.04	3.35	ppb
Silver	109-1	0.06	0.08	0.11	0.08	27.15	ppb
Silver	107-1	0.07	0.09	0.07	0.08	17.90	ppb
Sodium	23-2	218.49	212.29	219.87	216.88	1.86	ppb
Strontium	86-1	67.37	67.23	69.74	68.11	2.07	ppb
Strontium	88-1	69.49	68.95	71.10	69.85	1.61	ppb
Sulfur	34-1	-8942.41	-8343.36	-7801.21	-8362.33		ppb
Terbium	159-1				104		%
Terbium	159-2				92		%
Thallium	203-1	0.12	0.11	0.11	0.11	4.42	ppb
Thallium	205-1	0.09	0.11	0.11	0.10	13.79	ppb
Tin	118-1	0.11	0.05	0.09	0.08	40.89	ppb
Titanium	47-1	47.26	47.91	48.32	47.83	1.11	ppb
Uranium	238-1	0.70	0.70	0.73	0.71	2.33	ppb
Vanadium	51-2	32.63	32.58	31.99	32.40	1.11	ppb
Yttrium	89-1				103		%
Yttrium	89-2				88		%
Zinc	66-2	178.00	172.29	176.50	175.60	1.68	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-06DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:18:37	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	11.20	11.21	11.52	11.31	1.60	ppb
Zirconium	91-1	11.43	11.12	11.68	11.41	2.48	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 16:24:42	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52496.36	52475.35	51760.12	52243.94	0.80	ppb
Antimony	121-1	521.95	523.56	533.53	526.35	1.19	ppb
Arsenic	75-2	528.02	531.01	522.27	527.10	0.84	ppb
Barium	135-1	2575.78	2609.41	2603.74	2596.31	0.69	ppb
Barium	137-1	2585.20	2575.81	2573.45	2578.15	0.24	ppb
Beryllium	9-1	638.78	630.38	633.43	634.20	0.67	ppb
Bismuth	209-1				99		%
Bismuth	209-2				86		%
Boron	10-1	608.17	620.67	634.36	621.07	2.11	ppb
Boron	11-1	633.03	626.96	626.39	628.79	0.58	ppb
Cadmium	111-1	500.12	497.36	501.01	499.50	0.38	ppb
Cadmium	106-1	495.76	502.91	508.33	502.34	1.25	ppb
Cadmium	108-1	494.96	492.49	516.84	501.43	2.67	ppb
Calcium	43-1	251219.28	237171.32	248094.90	245495.17	3.00	ppb
Calcium	44-1	247797.13	239202.33	248716.14	245238.53	2.14	ppb
Chromium	52-2	551.03	554.33	540.91	548.76	1.27	ppb
Cobalt	59-2	548.75	553.73	540.53	547.67	1.22	ppb
Copper	63-2	1077.01	1083.75	1056.23	1072.33	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				95		%
Indium	115-1				99		%
Indium	115-2				84		%
Iron	56-2	137189.24	138845.06	137008.20	137680.83	0.74	ppb
Iron	57-2	139286.40	140945.05	139527.86	139919.77	0.64	ppb
Krypton	83-1						cps
Lead	206-1	524.71	511.99	515.54	517.41	1.27	ppb
Lead	207-1	502.38	511.08	509.13	507.53	0.90	ppb
Lead	208-1	519.40	521.78	526.53	522.57	0.70	ppb
Lithium	6-1				57		%
Magnesium	24-2	265180.58	266126.62	255098.52	262135.24	2.33	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 16:24:42	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1057.29	1053.75	1044.02	1051.69	0.65	ppb
Molybdenum	94-1	2582.15	2590.76	2626.15	2599.68	0.90	ppb
Molybdenum	95-1	2571.76	2614.82	2577.17	2587.92	0.91	ppb
Molybdenum	96-1	2587.58	2594.67	2582.87	2588.37	0.23	ppb
Molybdenum	97-1	2596.36	2658.90	2620.90	2625.39	1.20	ppb
Molybdenum	98-1	2573.82	2633.55	2565.99	2591.12	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	552.82	555.83	542.74	550.46	1.25	ppb
Phosphorus	31-2	10143.79	11108.18	10247.81	10499.93	5.04	ppb
Potassium	39-2	131682.84	130950.32	127236.24	129956.47	1.83	ppb
Rhodium	103-1				93		%
Rhodium	103-2				89		%
Scandium	45-1				85		%
Scandium	45-2				82		%
Selenium	77-2	496.99	526.12	581.43	534.85	8.02	ppb
Selenium	78-2	479.85	505.29	505.46	496.87	2.97	ppb
Selenium	82-1	502.10	512.81	510.96	508.62	1.13	ppb
Silicon	28-1	422.26	413.62	440.50	425.46	3.23	ppb
Silver	109-1	508.45	504.35	509.90	507.57	0.57	ppb
Silver	107-1	506.15	495.74	514.33	505.41	1.84	ppb
Sodium	23-2	268843.57	268065.49	257988.81	264965.96	2.29	ppb
Strontium	86-1	503.18	506.37	512.86	507.47	0.97	ppb
Strontium	88-1	523.24	519.70	530.09	524.34	1.01	ppb
Sulfur	34-1	7558.99	6916.65	7732.12	7402.59	5.80	ppb
Terbium	159-1				105		%
Terbium	159-2				94		%
Thallium	203-1	532.20	541.34	536.71	536.75	0.85	ppb
Thallium	205-1	534.29	540.73	545.13	540.05	1.01	ppb
Tin	118-1	528.18	524.01	522.76	524.99	0.54	ppb
Titanium	47-1	2708.00	2629.28	2675.45	2670.91	1.48	ppb
Uranium	238-1	508.17	511.90	521.83	513.97	1.37	ppb
Vanadium	51-2	547.82	546.35	542.57	545.58	0.50	ppb
Yttrium	89-1				98		%
Yttrium	89-2				87		%
Zinc	66-2	1087.95	1095.51	1064.66	1082.71	1.49	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 16:24:42	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	524.49	517.84	527.75	523.36	0.96	ppb
Zirconium	91-1	506.61	506.83	513.82	509.08	0.81	ppb

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : CCB08 Instrumnet Name : P8
 Client Sample ID : CCB08 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-26 16:31:03 DataFile Name : 054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.43	0.94	-0.18	0.11	662.64	ppb
Antimony	121-1	0.10	0.12	0.14	0.12	18.20	ppb
Arsenic	75-2	-0.01	0.00	0.00	0.00		ppb
Barium	135-1	-0.01	0.08	0.00	0.02	210.78	ppb
Barium	137-1	-0.02	0.09	0.01	0.03	229.26	ppb
Beryllium	9-1	0.03	0.09	0.06	0.06	53.69	ppb
Bismuth	209-1				98		%
Bismuth	209-2				85		%
Boron	10-1	-20.15	-20.63	-20.50	-20.43		ppb
Boron	11-1	-20.22	-19.61	-19.72	-19.85		ppb
Cadmium	111-1	-0.26	-0.21	-0.18	-0.22		ppb
Cadmium	106-1	-3.57	-3.05	-2.74	-3.12		ppb
Cadmium	108-1	0.07	0.03	-0.06	0.02	432.52	ppb
Calcium	43-1	-16.55	-13.59	-15.75	-15.30		ppb
Calcium	44-1	20.60	20.62	21.72	20.98	3.05	ppb
Chromium	52-2	0.78	0.84	0.95	0.85	9.81	ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	0.00	0.06	0.01	0.02	171.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				89		%
Indium	115-1				97		%
Indium	115-2				82		%
Iron	56-2	2.11	1.81	1.59	1.84	14.25	ppb
Iron	57-2	4.89	2.35	1.50	2.92	60.51	ppb
Krypton	83-1						cps
Lead	206-1	0.32	0.32	0.25	0.30	13.06	ppb
Lead	207-1	0.26	0.27	0.25	0.26	3.24	ppb
Lead	208-1	0.30	0.31	0.26	0.29	8.84	ppb
Lithium	6-1				54		%
Magnesium	24-2	1.62	0.33	2.65	1.53	76.00	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 16:31:03	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.21	0.04	0.17	0.14	60.59	ppb
Molybdenum	94-1	0.14	0.08	0.04	0.09	54.65	ppb
Molybdenum	95-1	0.09	0.07	0.04	0.06	41.31	ppb
Molybdenum	96-1	0.05	0.06	0.09	0.07	26.06	ppb
Molybdenum	97-1	0.09	0.14	0.08	0.10	30.84	ppb
Molybdenum	98-1	0.08	0.06	0.06	0.06	21.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.05	0.06	0.07	42.10	ppb
Phosphorus	31-2	-23.26	-23.26	-23.26	-23.26		ppb
Potassium	39-2	36.81	24.93	60.86	40.86	44.79	ppb
Rhodium	103-1				95		%
Rhodium	103-2				90		%
Scandium	45-1				78		%
Scandium	45-2				75		%
Selenium	77-2	-2.09	-2.09	5.38	0.40	1072.83	ppb
Selenium	78-2	2.47	-0.66	1.16	0.99	158.81	ppb
Selenium	82-1	-1.05	0.10	-0.96	-0.63		ppb
Silicon	28-1	-36.13	-20.14	-37.08	-31.11		ppb
Silver	109-1	0.02	0.03	0.02	0.02	12.93	ppb
Silver	107-1	0.01	0.01	0.00	0.01	48.04	ppb
Sodium	23-2	192.82	164.80	180.65	179.42	7.83	ppb
Strontium	86-1	0.00	-0.09	-0.06	-0.05		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	124.89	ppb
Sulfur	34-1	-3685.59	-3574.31	-3428.99	-3562.96		ppb
Terbium	159-1				99		%
Terbium	159-2				88		%
Thallium	203-1	0.04	0.05	0.03	0.04	32.47	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	17.81	ppb
Tin	118-1	0.02	0.05	0.08	0.05	52.09	ppb
Titanium	47-1	0.01	0.04	-0.03	0.00	1135.71	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	3978.55	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	35.39	ppb
Yttrium	89-1				93		%
Yttrium	89-2				82		%
Zinc	66-2	0.13	0.50	0.33	0.32	57.13	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 16:31:03	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.02	0.01	0.01	147.39	ppb
Zirconium	91-1	0.00	0.04	0.00	0.01	162.86	ppb

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-07DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS005-1218-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 16:34:28 DataFile Name : 055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18842.91	18441.57	17716.35	18333.61	3.11	ppb
Antimony	121-1	0.08	0.08	0.07	0.08	6.95	ppb
Arsenic	75-2	10.94	8.83	10.34	10.04	10.84	ppb
Barium	135-1	275.41	268.97	271.22	271.87	1.20	ppb
Barium	137-1	275.18	271.98	272.68	273.28	0.62	ppb
Beryllium	9-1	2.23	2.07	2.01	2.10	5.47	ppb
Bismuth	209-1				100		%
Bismuth	209-2				86		%
Boron	10-1	-9.13	-7.32	-8.96	-8.47		ppb
Boron	11-1	-7.99	-5.71	-8.78	-7.49		ppb
Cadmium	111-1	-0.02	0.11	0.03	0.04	151.45	ppb
Cadmium	106-1	-2.84	-0.60	-1.51	-1.65		ppb
Cadmium	108-1	0.82	1.10	0.88	0.93	15.73	ppb
Calcium	43-1	21011.52	21087.10	20626.43	20908.35	1.18	ppb
Calcium	44-1	21547.39	21534.46	20986.91	21356.25	1.50	ppb
Chromium	52-2	26.81	26.04	24.86	25.90	3.78	ppb
Cobalt	59-2	18.00	18.28	17.35	17.88	2.68	ppb
Copper	63-2	43.73	42.23	41.00	42.32	3.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				91		%
Indium	115-1				99		%
Indium	115-2				83		%
Iron	56-2	47367.31	45727.26	44461.08	45851.88	3.18	ppb
Iron	57-2	46241.63	45005.91	43805.99	45017.84	2.71	ppb
Krypton	83-1						cps
Lead	206-1	46.36	45.44	45.61	45.80	1.08	ppb
Lead	207-1	41.12	40.59	39.91	40.54	1.49	ppb
Lead	208-1	43.47	42.69	42.89	43.02	0.94	ppb
Lithium	6-1				56		%
Magnesium	24-2	12793.53	12324.44	11865.82	12327.93	3.76	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-07DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-1218-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:34:28	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1275.99	1257.87	1223.59	1252.48	2.12	ppb
Molybdenum	94-1	18.12	18.11	17.52	17.91	1.92	ppb
Molybdenum	95-1	0.81	0.76	0.75	0.78	4.21	ppb
Molybdenum	96-1	2.83	2.92	3.03	2.93	3.44	ppb
Molybdenum	97-1	0.80	0.83	0.80	0.81	2.40	ppb
Molybdenum	98-1	0.81	0.83	0.76	0.80	4.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.56	39.96	39.15	40.23	3.05	ppb
Phosphorus	31-2	1139.08	960.26	927.02	1008.79	11.31	ppb
Potassium	39-2	2931.96	2815.70	2714.97	2820.88	3.85	ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				80		%
Scandium	45-2				79		%
Selenium	77-2	86.07	66.13	24.88	59.03	52.87	ppb
Selenium	78-2	5.64	14.85	10.84	10.44	44.23	ppb
Selenium	82-1	-1.37	0.79	0.81	0.08	1571.68	ppb
Silicon	28-1	1970.56	2009.11	1962.40	1980.69	1.26	ppb
Silver	109-1	0.10	0.09	0.09	0.09	9.63	ppb
Silver	107-1	0.09	0.09	0.10	0.09	5.90	ppb
Sodium	23-2	292.38	280.35	260.01	277.58	5.89	ppb
Strontium	86-1	70.51	70.02	70.16	70.23	0.36	ppb
Strontium	88-1	73.93	72.29	73.25	73.16	1.12	ppb
Sulfur	34-1	-4528.98	-4976.95	-5389.81	-4965.25		ppb
Terbium	159-1				101		%
Terbium	159-2				90		%
Thallium	203-1	0.19	0.21	0.18	0.19	8.62	ppb
Thallium	205-1	0.23	0.20	0.22	0.22	7.03	ppb
Tin	118-1	0.02	0.05	0.05	0.04	37.67	ppb
Titanium	47-1	32.57	30.04	30.09	30.90	4.68	ppb
Uranium	238-1	3.52	3.58	3.51	3.53	1.04	ppb
Vanadium	51-2	25.36	25.22	24.00	24.86	3.01	ppb
Yttrium	89-1				102		%
Yttrium	89-2				90		%
Zinc	66-2	138.11	138.73	133.67	136.83	2.02	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-07DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-1218-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:34:28	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	11.45	11.48	11.28	11.40	0.94	ppb
Zirconium	91-1	11.56	11.55	11.13	11.41	2.15	ppb

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-08DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS005-1824-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 16:37:53 DataFile Name : 056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20389.48	21577.69	20476.59	20814.58	3.18	ppb
Antimony	121-1	0.09	0.08	0.07	0.08	16.63	ppb
Arsenic	75-2	10.22	12.77	11.14	11.38	11.34	ppb
Barium	135-1	252.24	245.90	249.69	249.28	1.28	ppb
Barium	137-1	253.36	244.60	247.22	248.39	1.81	ppb
Beryllium	9-1	1.52	1.60	1.45	1.52	4.93	ppb
Bismuth	209-1				98		%
Bismuth	209-2				84		%
Boron	10-1	-18.72	-18.78	-16.42	-17.97		ppb
Boron	11-1	-16.51	-16.79	-15.76	-16.35		ppb
Cadmium	111-1	0.15	0.27	0.15	0.19	37.40	ppb
Cadmium	106-1	-0.39	-0.50	-1.16	-0.68		ppb
Cadmium	108-1	1.61	1.09	1.08	1.26	23.95	ppb
Calcium	43-1	21457.89	20406.90	20583.70	20816.16	2.70	ppb
Calcium	44-1	22023.47	21243.69	21080.84	21449.34	2.35	ppb
Chromium	52-2	32.93	35.63	34.31	34.29	3.94	ppb
Cobalt	59-2	20.31	21.72	20.01	20.68	4.42	ppb
Copper	63-2	56.53	60.89	57.37	58.26	3.97	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				98		%
Holmium	165-2				92		%
Indium	115-1				97		%
Indium	115-2				83		%
Iron	56-2	58359.28	62543.13	58429.25	59777.22	4.01	ppb
Iron	57-2	57068.43	61792.93	57327.04	58729.47	4.52	ppb
Krypton	83-1						cps
Lead	206-1	37.45	36.77	35.92	36.71	2.09	ppb
Lead	207-1	33.98	33.59	32.97	33.51	1.52	ppb
Lead	208-1	35.47	34.77	34.47	34.90	1.46	ppb
Lithium	6-1				54		%
Magnesium	24-2	15058.33	16211.90	15179.43	15483.22	4.09	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-08DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-1824-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:37:53	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1449.22	1557.92	1457.38	1488.17	4.07	ppb
Molybdenum	94-1	14.62	15.42	14.36	14.80	3.73	ppb
Molybdenum	95-1	1.22	1.00	1.06	1.09	10.39	ppb
Molybdenum	96-1	2.84	2.99	2.82	2.88	3.18	ppb
Molybdenum	97-1	1.11	1.17	1.13	1.13	2.96	ppb
Molybdenum	98-1	1.17	1.12	1.10	1.13	3.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.04	53.89	51.30	51.74	3.80	ppb
Phosphorus	31-2	985.99	1179.25	1082.06	1082.43	8.93	ppb
Potassium	39-2	1756.72	1955.59	1788.01	1833.44	5.83	ppb
Rhodium	103-1				93		%
Rhodium	103-2				90		%
Scandium	45-1				80		%
Scandium	45-2				78		%
Selenium	77-2	31.30	31.10	42.92	35.10	19.28	ppb
Selenium	78-2	13.44	14.31	9.46	12.40	20.85	ppb
Selenium	82-1	0.89	-0.53	-0.62	-0.09		ppb
Silicon	28-1	2320.99	2185.48	2181.99	2229.48	3.56	ppb
Silver	109-1	0.07	0.06	0.06	0.07	9.44	ppb
Silver	107-1	0.09	0.08	0.07	0.08	15.07	ppb
Sodium	23-2	239.51	261.10	245.45	248.69	4.48	ppb
Strontium	86-1	61.24	61.78	60.83	61.28	0.78	ppb
Strontium	88-1	63.57	63.77	63.60	63.64	0.17	ppb
Sulfur	34-1	-5612.08	-6473.33	-6611.05	-6232.16		ppb
Terbium	159-1				99		%
Terbium	159-2				90		%
Thallium	203-1	0.12	0.14	0.08	0.11	27.30	ppb
Thallium	205-1	0.11	0.09	0.11	0.10	9.12	ppb
Tin	118-1	0.09	0.04	0.06	0.07	36.63	ppb
Titanium	47-1	50.15	44.15	51.62	48.64	8.14	ppb
Uranium	238-1	0.81	0.79	0.75	0.78	3.99	ppb
Vanadium	51-2	30.55	33.17	32.10	31.94	4.11	ppb
Yttrium	89-1				99		%
Yttrium	89-2				88		%
Zinc	66-2	163.66	178.61	165.24	169.17	4.85	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-08DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-1824-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:37:53	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	9.40	9.49	9.49	9.46	0.54	ppb
Zirconium	91-1	10.33	9.07	9.40	9.60	6.83	ppb

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-09DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS006-0006-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 16:41:16 DataFile Name : 057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28396.10	28396.59	29093.64	28628.78	1.41	ppb
Antimony	121-1	0.09	0.09	0.09	0.09	3.28	ppb
Arsenic	75-2	13.43	14.04	13.93	13.80	2.36	ppb
Barium	135-1	336.49	323.68	320.52	326.90	2.59	ppb
Barium	137-1	332.43	325.07	321.14	326.21	1.76	ppb
Beryllium	9-1	2.00	2.04	1.94	1.99	2.61	ppb
Bismuth	209-1				98		%
Bismuth	209-2				85		%
Boron	10-1	-19.64	-20.46	-19.66	-19.92		ppb
Boron	11-1	-18.05	-18.15	-19.15	-18.45		ppb
Cadmium	111-1	0.52	0.42	0.42	0.45	12.95	ppb
Cadmium	106-1	0.41	-1.29	-0.51	-0.46		ppb
Cadmium	108-1	1.24	1.42	0.93	1.19	20.85	ppb
Calcium	43-1	2928.15	2941.69	2853.57	2907.80	1.63	ppb
Calcium	44-1	3005.90	2969.36	2930.48	2968.58	1.27	ppb
Chromium	52-2	41.94	41.86	42.91	42.24	1.38	ppb
Cobalt	59-2	29.37	28.82	29.39	29.19	1.10	ppb
Copper	63-2	75.32	75.53	75.85	75.57	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				90		%
Indium	115-1				98		%
Indium	115-2				82		%
Iron	56-2	72948.61	72280.09	72465.78	72564.83	0.48	ppb
Iron	57-2	71468.81	71683.19	72157.00	71769.67	0.49	ppb
Krypton	83-1						cps
Lead	206-1	302.74	298.39	293.94	298.36	1.47	ppb
Lead	207-1	273.64	268.99	266.03	269.55	1.42	ppb
Lead	208-1	293.38	286.42	286.68	288.83	1.37	ppb
Lithium	6-1				53		%
Magnesium	24-2	13191.85	13147.46	13171.02	13170.11	0.17	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-09DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:41:16	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3133.04	3113.08	3127.14	3124.42	0.33	ppb
Molybdenum	94-1	16.60	16.47	16.56	16.54	0.38	ppb
Molybdenum	95-1	2.07	2.05	2.08	2.07	0.76	ppb
Molybdenum	96-1	4.08	3.96	4.02	4.02	1.53	ppb
Molybdenum	97-1	2.04	2.13	2.26	2.14	5.16	ppb
Molybdenum	98-1	2.18	2.13	2.13	2.15	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	60.37	61.11	60.16	60.55	0.82	ppb
Phosphorus	31-2	950.61	1123.93	924.38	999.64	10.85	ppb
Potassium	39-2	1561.26	1581.53	1611.57	1584.79	1.60	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				80		%
Scandium	45-2				79		%
Selenium	77-2	65.61	72.12	82.56	73.43	11.64	ppb
Selenium	78-2	10.33	13.03	18.03	13.80	28.30	ppb
Selenium	82-1	-0.08	0.92	1.08	0.64	98.18	ppb
Silicon	28-1	2471.97	2408.49	2420.70	2433.72	1.38	ppb
Silver	109-1	0.06	0.08	0.07	0.07	18.87	ppb
Silver	107-1	0.09	0.07	0.07	0.08	16.94	ppb
Sodium	23-2	197.61	203.19	213.04	204.61	3.82	ppb
Strontium	86-1	15.88	15.93	15.96	15.92	0.26	ppb
Strontium	88-1	16.56	16.30	16.41	16.42	0.79	ppb
Sulfur	34-1	-7720.09	-8338.84	-8552.49	-8203.81		ppb
Terbium	159-1				100		%
Terbium	159-2				90		%
Thallium	203-1	0.15	0.12	0.11	0.12	16.29	ppb
Thallium	205-1	0.12	0.13	0.12	0.12	0.91	ppb
Tin	118-1	0.26	0.28	0.26	0.27	4.99	ppb
Titanium	47-1	59.26	57.53	56.24	57.68	2.62	ppb
Uranium	238-1	0.94	1.02	0.90	0.95	6.78	ppb
Vanadium	51-2	39.71	39.66	39.53	39.63	0.24	ppb
Yttrium	89-1				101		%
Yttrium	89-2				91		%
Zinc	66-2	322.86	322.87	325.96	323.89	0.55	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-09DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:41:16	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	10.24	10.06	9.82	10.04	2.10	ppb
Zirconium	91-1	10.26	9.98	10.28	10.17	1.64	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-10DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:44:39	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32318.92	32965.90	32822.68	32702.50	1.04	ppb
Antimony	121-1	0.06	0.05	0.05	0.05	7.94	ppb
Arsenic	75-2	12.68	11.86	12.69	12.41	3.84	ppb
Barium	135-1	311.49	314.41	319.17	315.02	1.23	ppb
Barium	137-1	316.69	315.77	318.30	316.92	0.40	ppb
Beryllium	9-1	2.70	2.62	2.98	2.77	6.94	ppb
Bismuth	209-1				97		%
Bismuth	209-2				83		%
Boron	10-1	-19.24	-19.64	-19.32	-19.40		ppb
Boron	11-1	-18.79	-18.34	-18.82	-18.65		ppb
Cadmium	111-1	0.48	0.50	0.70	0.56	21.78	ppb
Cadmium	106-1	1.07	1.46	3.31	1.95	61.37	ppb
Cadmium	108-1	1.22	1.63	1.35	1.40	14.89	ppb
Calcium	43-1	30747.86	30705.96	31114.06	30855.96	0.73	ppb
Calcium	44-1	31473.46	30979.62	31534.12	31329.06	0.97	ppb
Chromium	52-2	42.51	43.29	43.37	43.06	1.10	ppb
Cobalt	59-2	30.96	32.39	31.87	31.74	2.29	ppb
Copper	63-2	67.89	70.74	69.24	69.29	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				98		%
Holmium	165-2				90		%
Indium	115-1				96		%
Indium	115-2				81		%
Iron	56-2	79452.33	81781.04	82023.21	81085.53	1.75	ppb
Iron	57-2	78763.46	80722.38	81305.01	80263.62	1.66	ppb
Krypton	83-1						cps
Lead	206-1	219.23	216.54	219.90	218.55	0.81	ppb
Lead	207-1	196.21	194.95	198.51	196.56	0.92	ppb
Lead	208-1	206.80	204.80	208.43	206.68	0.88	ppb
Lithium	6-1				52		%
Magnesium	24-2	14620.66	14751.82	14364.83	14579.10	1.35	ppb

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-10DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS006-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 16:44:39 DataFile Name : 058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2509.68	2559.46	2579.22	2549.45	1.41	ppb
Molybdenum	94-1	13.30	12.89	13.21	13.14	1.63	ppb
Molybdenum	95-1	1.64	1.54	1.45	1.54	6.14	ppb
Molybdenum	96-1	2.89	2.95	3.04	2.96	2.63	ppb
Molybdenum	97-1	1.56	1.45	1.51	1.51	3.60	ppb
Molybdenum	98-1	1.41	1.53	1.45	1.46	3.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	64.68	67.91	67.02	66.54	2.50	ppb
Phosphorus	31-2	14917.13	14107.67	14106.81	14377.20	3.25	ppb
Potassium	39-2	1238.91	1285.36	1280.59	1268.28	2.01	ppb
Rhodium	103-1				92		%
Rhodium	103-2				89		%
Scandium	45-1				78		%
Scandium	45-2				78		%
Selenium	77-2	182.78	239.09	197.06	206.31	14.19	ppb
Selenium	78-2	36.12	44.46	43.59	41.39	11.07	ppb
Selenium	82-1	1.33	0.96	2.45	1.58	49.01	ppb
Silicon	28-1	1722.19	1673.40	1737.98	1711.19	1.97	ppb
Silver	109-1	0.06	0.08	0.06	0.07	15.43	ppb
Silver	107-1	0.08	0.07	0.07	0.07	9.51	ppb
Sodium	23-2	358.50	381.50	369.18	369.73	3.11	ppb
Strontium	86-1	63.35	63.51	64.96	63.94	1.39	ppb
Strontium	88-1	66.26	65.98	66.77	66.34	0.60	ppb
Sulfur	34-1	-7719.84	-8096.04	-7736.53	-7850.81		ppb
Terbium	159-1				100		%
Terbium	159-2				89		%
Thallium	203-1	0.09	0.12	0.09	0.10	17.40	ppb
Thallium	205-1	0.12	0.11	0.12	0.11	4.05	ppb
Tin	118-1	0.85	0.79	0.71	0.78	8.48	ppb
Titanium	47-1	53.50	52.01	52.04	52.52	1.63	ppb
Uranium	238-1	1.31	1.21	1.25	1.26	4.25	ppb
Vanadium	51-2	41.10	41.67	41.63	41.47	0.77	ppb
Yttrium	89-1				131		%
Yttrium	89-2				118		%
Zinc	66-2	341.53	353.82	361.85	352.40	2.90	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-10DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:44:39	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	8.07	7.97	8.13	8.06	0.96	ppb
Zirconium	91-1	8.01	8.07	8.27	8.12	1.65	ppb

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-11DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS006-1218-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 16:48:01 DataFile Name : 059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31328.39	31839.80	31556.90	31575.03	0.81	ppb
Antimony	121-1	0.09	0.07	0.08	0.08	11.88	ppb
Arsenic	75-2	20.00	19.62	18.82	19.48	3.09	ppb
Barium	135-1	350.53	351.88	349.86	350.76	0.29	ppb
Barium	137-1	347.32	351.23	357.58	352.04	1.47	ppb
Beryllium	9-1	1.97	1.75	2.09	1.94	8.90	ppb
Bismuth	209-1				95		%
Bismuth	209-2				83		%
Boron	10-1	-19.37	-21.18	-19.68	-20.08		ppb
Boron	11-1	-19.71	-18.44	-18.81	-18.99		ppb
Cadmium	111-1	0.46	0.42	0.25	0.37	29.08	ppb
Cadmium	106-1	-0.65	-0.40	-1.83	-0.96		ppb
Cadmium	108-1	1.19	1.33	1.42	1.31	8.78	ppb
Calcium	43-1	2538.00	2565.70	2509.00	2537.57	1.12	ppb
Calcium	44-1	2602.13	2572.79	2615.78	2596.90	0.85	ppb
Chromium	52-2	44.45	45.09	45.03	44.86	0.78	ppb
Cobalt	59-2	32.96	33.38	32.93	33.09	0.75	ppb
Copper	63-2	104.70	106.47	105.17	105.45	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				97		%
Holmium	165-2				89		%
Indium	115-1				96		%
Indium	115-2				81		%
Iron	56-2	80325.83	81545.03	80279.87	80716.91	0.89	ppb
Iron	57-2	78582.58	80215.97	78710.32	79169.62	1.15	ppb
Krypton	83-1						cps
Lead	206-1	210.21	203.86	209.08	207.71	1.63	ppb
Lead	207-1	190.46	184.85	188.90	188.07	1.54	ppb
Lead	208-1	198.78	194.94	198.10	197.28	1.04	ppb
Lithium	6-1				50		%
Magnesium	24-2	13747.47	14114.76	13895.20	13919.15	1.33	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-11DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1218-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:48:01	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3107.23	3190.10	3149.20	3148.84	1.32	ppb
Molybdenum	94-1	18.01	17.81	17.97	17.93	0.58	ppb
Molybdenum	95-1	2.32	2.48	2.45	2.42	3.36	ppb
Molybdenum	96-1	4.26	4.48	4.16	4.30	3.83	ppb
Molybdenum	97-1	2.44	2.60	2.39	2.48	4.54	ppb
Molybdenum	98-1	2.42	2.35	2.47	2.41	2.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	64.32	63.55	63.02	63.63	1.03	ppb
Phosphorus	31-2	1219.49	1324.12	1155.80	1233.14	6.89	ppb
Potassium	39-2	1648.72	1736.81	1695.01	1693.51	2.60	ppb
Rhodium	103-1				92		%
Rhodium	103-2				89		%
Scandium	45-1				76		%
Scandium	45-2				76		%
Selenium	77-2	63.03	86.50	69.98	73.17	16.48	ppb
Selenium	78-2	15.48	13.73	14.94	14.72	6.11	ppb
Selenium	82-1	0.53	-0.23	0.61	0.30	153.57	ppb
Silicon	28-1	2646.29	2526.65	2598.89	2590.61	2.33	ppb
Silver	109-1	0.06	0.07	0.08	0.07	19.33	ppb
Silver	107-1	0.07	0.07	0.06	0.07	1.12	ppb
Sodium	23-2	216.13	229.27	221.88	222.43	2.96	ppb
Strontium	86-1	15.44	15.64	15.27	15.45	1.21	ppb
Strontium	88-1	16.01	15.85	15.89	15.92	0.53	ppb
Sulfur	34-1	-8968.27	-9218.01	-9228.65	-9138.31		ppb
Terbium	159-1				98		%
Terbium	159-2				87		%
Thallium	203-1	0.11	0.13	0.16	0.13	16.72	ppb
Thallium	205-1	0.14	0.14	0.15	0.14	7.16	ppb
Tin	118-1	0.19	0.17	0.12	0.16	23.18	ppb
Titanium	47-1	61.58	58.33	61.56	60.49	3.09	ppb
Uranium	238-1	0.89	0.92	0.84	0.89	4.64	ppb
Vanadium	51-2	41.03	41.47	40.34	40.95	1.39	ppb
Yttrium	89-1				101		%
Yttrium	89-2				90		%
Zinc	66-2	361.94	374.99	365.32	367.42	1.84	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-11DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1218-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:48:01	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	10.85	10.44	10.66	10.65	1.91	ppb
Zirconium	91-1	10.62	10.52	10.46	10.54	0.76	ppb

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-12DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS006-1824-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 16:51:25 DataFile Name : 060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33450.03	32075.57	33595.65	33040.41	2.54	ppb
Antimony	121-1	0.07	0.07	0.05	0.06	11.50	ppb
Arsenic	75-2	20.47	20.18	20.36	20.34	0.72	ppb
Barium	135-1	359.47	349.26	349.26	352.66	1.67	ppb
Barium	137-1	360.54	349.39	348.94	352.96	1.86	ppb
Beryllium	9-1	2.13	1.73	2.10	1.99	11.39	ppb
Bismuth	209-1				95		%
Bismuth	209-2				81		%
Boron	10-1	-20.61	-20.58	-21.18	-20.79		ppb
Boron	11-1	-17.91	-19.51	-19.01	-18.81		ppb
Cadmium	111-1	0.36	0.36	0.40	0.38	5.24	ppb
Cadmium	106-1	-0.44	0.37	-0.01	-0.03		ppb
Cadmium	108-1	1.14	1.42	0.70	1.08	33.47	ppb
Calcium	43-1	2381.15	2318.23	2288.97	2329.45	2.02	ppb
Calcium	44-1	2404.76	2355.21	2314.55	2358.17	1.92	ppb
Chromium	52-2	47.49	44.90	47.02	46.47	2.97	ppb
Cobalt	59-2	34.37	32.71	34.43	33.84	2.88	ppb
Copper	63-2	97.75	92.90	98.27	96.31	3.08	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				96		%
Holmium	165-2				87		%
Indium	115-1				95		%
Indium	115-2				79		%
Iron	56-2	87942.37	84054.24	91017.26	87671.29	3.98	ppb
Iron	57-2	87362.27	83001.41	88721.66	86361.78	3.46	ppb
Krypton	83-1						cps
Lead	206-1	186.84	180.78	181.66	183.09	1.79	ppb
Lead	207-1	167.87	165.31	164.79	165.99	0.99	ppb
Lead	208-1	176.87	172.93	172.73	174.18	1.34	ppb
Lithium	6-1				50		%
Magnesium	24-2	15860.56	15057.89	16016.44	15644.96	3.29	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:51:25	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3034.70	2883.16	3075.07	2997.64	3.38	ppb
Molybdenum	94-1	16.89	16.73	16.39	16.67	1.53	ppb
Molybdenum	95-1	1.97	1.84	1.99	1.93	4.01	ppb
Molybdenum	96-1	3.94	3.78	3.96	3.89	2.53	ppb
Molybdenum	97-1	1.98	1.93	1.91	1.94	1.86	ppb
Molybdenum	98-1	2.00	1.91	1.93	1.94	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	67.94	63.93	66.86	66.24	3.13	ppb
Phosphorus	31-2	1254.94	1122.47	1501.64	1293.02	14.88	ppb
Potassium	39-2	1727.94	1656.74	1730.68	1705.12	2.46	ppb
Rhodium	103-1				91		%
Rhodium	103-2				87		%
Scandium	45-1				76		%
Scandium	45-2				73		%
Selenium	77-2	60.48	83.19	86.31	76.66	18.39	ppb
Selenium	78-2	10.07	13.19	14.84	12.70	19.10	ppb
Selenium	82-1	0.70	0.50	0.63	0.61	16.44	ppb
Silicon	28-1	2433.54	2350.60	2247.86	2344.00	3.97	ppb
Silver	109-1	0.08	0.05	0.07	0.07	25.51	ppb
Silver	107-1	0.07	0.09	0.06	0.07	18.48	ppb
Sodium	23-2	235.59	227.64	247.59	236.94	4.24	ppb
Strontium	86-1	12.31	12.07	12.13	12.17	1.05	ppb
Strontium	88-1	12.92	12.70	12.84	12.82	0.86	ppb
Sulfur	34-1	-9315.91	-9883.17	-10349.71	-9849.60		ppb
Terbium	159-1				97		%
Terbium	159-2				86		%
Thallium	203-1	0.13	0.13	0.12	0.13	3.83	ppb
Thallium	205-1	0.11	0.11	0.14	0.12	15.66	ppb
Tin	118-1	0.10	0.11	0.08	0.10	15.50	ppb
Titanium	47-1	56.42	53.44	52.04	53.97	4.14	ppb
Uranium	238-1	0.92	0.87	0.87	0.89	3.12	ppb
Vanadium	51-2	44.64	41.47	44.33	43.48	4.02	ppb
Yttrium	89-1				99		%
Yttrium	89-2				89		%
Zinc	66-2	310.73	294.74	314.00	306.49	3.36	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:51:25	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	11.02	10.19	10.00	10.41	5.20	ppb
Zirconium	91-1	10.20	10.32	10.01	10.18	1.54	ppb

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-12DUPDLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS006-1824-01DU Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 16:54:49 DataFile Name : 061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31875.20	34649.96	31691.68	32738.95	5.06	ppb
Antimony	121-1	0.06	0.05	0.05	0.05	15.12	ppb
Arsenic	75-2	20.37	21.72	21.12	21.07	3.21	ppb
Barium	135-1	349.73	352.27	338.61	346.87	2.09	ppb
Barium	137-1	355.31	350.80	341.11	349.07	2.08	ppb
Beryllium	9-1	1.91	2.04	2.22	2.06	7.50	ppb
Bismuth	209-1				96		%
Bismuth	209-2				82		%
Boron	10-1	-21.93	-21.34	-21.12	-21.46		ppb
Boron	11-1	-19.99	-18.56	-19.72	-19.42		ppb
Cadmium	111-1	0.42	0.25	0.45	0.37	29.84	ppb
Cadmium	106-1	1.41	-2.12	0.90	0.06	2953.33	ppb
Cadmium	108-1	1.29	1.01	1.34	1.21	14.69	ppb
Calcium	43-1	2323.09	2311.49	2318.57	2317.72	0.25	ppb
Calcium	44-1	2405.78	2343.92	2355.08	2368.26	1.39	ppb
Chromium	52-2	44.10	48.73	44.21	45.68	5.79	ppb
Cobalt	59-2	31.47	34.98	32.83	33.10	5.36	ppb
Copper	63-2	92.88	101.28	94.15	96.10	4.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				88		%
Indium	115-1				95		%
Indium	115-2				80		%
Iron	56-2	83885.46	90198.05	84210.75	86098.09	4.13	ppb
Iron	57-2	82548.38	88925.52	83024.16	84832.69	4.19	ppb
Krypton	83-1						cps
Lead	206-1	184.35	181.33	175.62	180.44	2.46	ppb
Lead	207-1	167.18	165.30	160.45	164.31	2.11	ppb
Lead	208-1	174.70	174.00	168.50	172.40	1.97	ppb
Lithium	6-1				50		%
Magnesium	24-2	14809.18	16351.60	14971.73	15377.50	5.51	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01DU	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:54:49	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2917.09	3106.76	2902.33	2975.39	3.83	ppb
Molybdenum	94-1	16.44	16.33	15.92	16.23	1.69	ppb
Molybdenum	95-1	1.89	1.74	1.87	1.84	4.44	ppb
Molybdenum	96-1	3.92	3.77	3.73	3.81	2.58	ppb
Molybdenum	97-1	2.08	1.90	1.76	1.91	8.21	ppb
Molybdenum	98-1	1.87	1.84	1.72	1.81	4.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	63.05	69.09	64.85	65.67	4.72	ppb
Phosphorus	31-2	1040.38	1211.39	1290.44	1180.74	10.83	ppb
Potassium	39-2	1630.66	1735.95	1729.13	1698.58	3.47	ppb
Rhodium	103-1				92		%
Rhodium	103-2				88		%
Scandium	45-1				75		%
Scandium	45-2				74		%
Selenium	77-2	54.99	62.24	59.93	59.06	6.27	ppb
Selenium	78-2	14.60	12.69	13.33	13.54	7.21	ppb
Selenium	82-1	-0.11	-1.11	0.88	-0.11		ppb
Silicon	28-1	2452.29	2322.94	2345.52	2373.58	2.91	ppb
Silver	109-1	0.06	0.08	0.08	0.07	10.76	ppb
Silver	107-1	0.07	0.07	0.05	0.06	12.86	ppb
Sodium	23-2	221.76	241.52	226.66	229.98	4.47	ppb
Strontium	86-1	11.84	12.37	12.07	12.09	2.20	ppb
Strontium	88-1	12.75	12.58	12.38	12.57	1.50	ppb
Sulfur	34-1	-9665.87	-9846.98	-10036.21	-9849.69		ppb
Terbium	159-1				98		%
Terbium	159-2				87		%
Thallium	203-1	0.15	0.10	0.13	0.13	23.52	ppb
Thallium	205-1	0.15	0.13	0.12	0.13	8.44	ppb
Tin	118-1	0.11	0.10	0.11	0.10	6.64	ppb
Titanium	47-1	52.39	54.97	96.14	67.83	36.19	ppb
Uranium	238-1	0.86	0.90	0.84	0.87	3.32	ppb
Vanadium	51-2	40.95	44.33	42.53	42.60	3.97	ppb
Yttrium	89-1				100		%
Yttrium	89-2				89		%
Zinc	66-2	296.78	323.00	296.05	305.27	5.03	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01DU	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:54:49	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	10.18	10.01	9.91	10.03	1.37	ppb
Zirconium	91-1	10.28	9.79	10.13	10.07	2.53	ppb

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-12LDLX25 Instrumnet Name : P8
 Client Sample ID : P001-SS006-1824-01LDI Dilution Factor : 25
 Date & Time Acquired :: 2018-12-26 16:58:13 DataFile Name : 062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6193.90	6735.03	6417.02	6448.65	4.22	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	42.31	ppb
Arsenic	75-2	4.53	4.10	4.46	4.36	5.28	ppb
Barium	135-1	69.57	69.94	68.33	69.28	1.22	ppb
Barium	137-1	68.77	68.01	69.02	68.60	0.77	ppb
Beryllium	9-1	0.44	0.31	0.34	0.36	18.21	ppb
Bismuth	209-1				93		%
Bismuth	209-2				78		%
Boron	10-1	-24.28	-23.34	-24.27	-23.97		ppb
Boron	11-1	-22.89	-22.75	-22.80	-22.81		ppb
Cadmium	111-1	-0.04	-0.12	-0.17	-0.11		ppb
Cadmium	106-1	-1.70	-2.37	-2.92	-2.33		ppb
Cadmium	108-1	0.26	0.26	0.40	0.31	25.69	ppb
Calcium	43-1	454.14	456.94	451.38	454.15	0.61	ppb
Calcium	44-1	472.03	481.34	481.82	478.40	1.15	ppb
Chromium	52-2	9.80	10.30	10.02	10.04	2.47	ppb
Cobalt	59-2	6.46	6.61	6.81	6.63	2.65	ppb
Copper	63-2	18.18	19.13	19.27	18.86	3.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				83		%
Indium	115-1				92		%
Indium	115-2				77		%
Iron	56-2	16962.29	17167.59	17330.35	17153.41	1.08	ppb
Iron	57-2	16459.53	16876.02	16954.27	16763.27	1.59	ppb
Krypton	83-1						cps
Lead	206-1	35.77	35.75	35.74	35.75	0.04	ppb
Lead	207-1	32.55	32.47	32.69	32.57	0.33	ppb
Lead	208-1	34.05	33.95	34.42	34.14	0.72	ppb
Lithium	6-1				47		%
Magnesium	24-2	2995.21	3052.09	3041.28	3029.53	1.00	ppb

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-12LDLX25 Instrumnet Name : P8
 Client Sample ID : P001-SS006-1824-01LDI Dilution Factor : 25
 Date & Time Acquired :: 2018-12-26 16:58:13 DataFile Name : 062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	584.61	589.80	593.01	589.14	0.72	ppb
Molybdenum	94-1	3.51	3.37	3.32	3.40	2.99	ppb
Molybdenum	95-1	0.47	0.38	0.48	0.44	12.90	ppb
Molybdenum	96-1	0.78	0.77	0.74	0.76	2.84	ppb
Molybdenum	97-1	0.41	0.53	0.50	0.48	12.76	ppb
Molybdenum	98-1	0.48	0.41	0.41	0.43	9.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.88	13.36	13.42	13.22	2.25	ppb
Phosphorus	31-2	193.37	171.57	317.12	227.36	34.53	ppb
Potassium	39-2	382.40	388.11	342.95	371.15	6.63	ppb
Rhodium	103-1				91		%
Rhodium	103-2				86		%
Scandium	45-1				70		%
Scandium	45-2				70		%
Selenium	77-2	6.13	9.65	-2.09	4.56	132.00	ppb
Selenium	78-2	1.34	0.61	3.62	1.86	84.50	ppb
Selenium	82-1	0.02	-0.22	-0.81	-0.33		ppb
Silicon	28-1	454.91	465.41	470.55	463.62	1.72	ppb
Silver	109-1	0.02	0.01	0.00	0.01	66.15	ppb
Silver	107-1	0.02	0.02	0.01	0.02	17.06	ppb
Sodium	23-2	222.73	210.59	182.61	205.31	10.02	ppb
Strontium	86-1	2.54	2.44	2.66	2.55	4.29	ppb
Strontium	88-1	2.69	2.64	2.68	2.67	0.94	ppb
Sulfur	34-1	-9815.48	-9852.57	-9855.84	-9841.29		ppb
Terbium	159-1				95		%
Terbium	159-2				83		%
Thallium	203-1	0.03	0.05	0.02	0.03	44.71	ppb
Thallium	205-1	0.04	0.02	0.03	0.03	28.92	ppb
Tin	118-1	0.00	0.01	0.04	0.01	136.62	ppb
Titanium	47-1	10.46	9.88	10.04	10.13	2.93	ppb
Uranium	238-1	0.15	0.17	0.18	0.17	10.11	ppb
Vanadium	51-2	8.49	8.45	8.42	8.46	0.42	ppb
Yttrium	89-1				90		%
Yttrium	89-2				78		%
Zinc	66-2	60.03	63.41	59.34	60.93	3.58	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12LDLX25	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01LDI	Dilution Factor :	25
Date & Time Acquired ::	2018-12-26 16:58:13	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.12	2.12	2.11	2.12	0.35	ppb
Zirconium	91-1	2.05	1.98	2.11	2.04	3.15	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-13DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01MS	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:01:38	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32637.75	32075.34	32379.45	32364.18	0.87	ppb
Antimony	121-1	55.85	55.27	55.46	55.53	0.53	ppb
Arsenic	75-2	112.49	110.04	111.67	111.40	1.12	ppb
Barium	135-1	836.82	831.57	828.90	832.43	0.48	ppb
Barium	137-1	856.84	857.72	859.27	857.94	0.14	ppb
Beryllium	9-1	126.46	122.66	126.18	125.10	1.69	ppb
Bismuth	209-1				98		%
Bismuth	209-2				84		%
Boron	10-1	95.73	92.12	92.89	93.58	2.04	ppb
Boron	11-1	96.76	93.96	97.07	95.93	1.78	ppb
Cadmium	111-1	101.09	100.56	102.89	101.51	1.20	ppb
Cadmium	106-1	102.51	94.18	99.49	98.73	4.27	ppb
Cadmium	108-1	99.42	101.06	99.71	100.07	0.88	ppb
Calcium	43-1	11184.06	11122.54	11543.10	11283.23	2.01	ppb
Calcium	44-1	11732.02	11460.87	11734.62	11642.50	1.35	ppb
Chromium	52-2	152.67	149.23	148.44	150.12	1.50	ppb
Cobalt	59-2	141.22	139.48	141.06	140.59	0.68	ppb
Copper	63-2	311.17	308.14	309.41	309.57	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				90		%
Indium	115-1				97		%
Indium	115-2				80		%
Iron	56-2	85896.27	84498.32	85369.18	85254.59	0.83	ppb
Iron	57-2	84715.94	83143.22	84208.21	84022.46	0.96	ppb
Krypton	83-1						cps
Lead	206-1	288.18	286.54	292.08	288.94	0.98	ppb
Lead	207-1	263.28	266.39	266.70	265.46	0.71	ppb
Lead	208-1	279.95	283.26	283.51	282.24	0.70	ppb
Lithium	6-1				51		%
Magnesium	24-2	24131.62	23501.84	23520.62	23718.03	1.51	ppb

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-13DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS006-1824-01MS Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 17:01:38 DataFile Name : 063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3219.12	3175.25	3219.91	3204.76	0.80	ppb
Molybdenum	94-1	444.85	449.13	454.35	449.44	1.06	ppb
Molybdenum	95-1	438.80	435.87	441.07	438.58	0.60	ppb
Molybdenum	96-1	444.76	438.52	440.67	441.32	0.72	ppb
Molybdenum	97-1	448.33	436.81	443.03	442.72	1.30	ppb
Molybdenum	98-1	464.84	447.34	455.81	455.99	1.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	173.83	171.27	173.45	172.85	0.80	ppb
Phosphorus	31-2	1004.55	1040.56	917.64	987.59	6.40	ppb
Potassium	39-2	6321.28	6090.29	6236.49	6216.02	1.88	ppb
Rhodium	103-1				92		%
Rhodium	103-2				88		%
Scandium	45-1				78		%
Scandium	45-2				76		%
Selenium	77-2	168.40	164.16	149.64	160.73	6.12	ppb
Selenium	78-2	103.99	101.13	105.73	103.61	2.24	ppb
Selenium	82-1	88.72	87.98	86.40	87.70	1.35	ppb
Silicon	28-1	1650.20	1690.47	1754.67	1698.45	3.10	ppb
Silver	109-1	93.17	92.76	92.80	92.91	0.24	ppb
Silver	107-1	92.73	91.26	92.14	92.04	0.80	ppb
Sodium	23-2	10182.53	9987.42	9907.42	10025.79	1.41	ppb
Strontium	86-1	103.47	101.00	102.39	102.28	1.21	ppb
Strontium	88-1	108.00	108.60	108.86	108.49	0.41	ppb
Sulfur	34-1	-9638.68	-9439.29	-9047.13	-9375.03		ppb
Terbium	159-1				99		%
Terbium	159-2				89		%
Thallium	203-1	96.82	95.79	97.36	96.65	0.83	ppb
Thallium	205-1	97.87	97.49	98.80	98.05	0.69	ppb
Tin	118-1	81.03	80.02	81.38	80.81	0.88	ppb
Titanium	47-1	481.22	482.32	490.81	484.78	1.08	ppb
Uranium	238-1	94.57	96.49	97.21	96.09	1.42	ppb
Vanadium	51-2	149.33	144.14	146.59	146.69	1.77	ppb
Yttrium	89-1				102		%
Yttrium	89-2				89		%
Zinc	66-2	535.49	519.42	532.25	529.06	1.61	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-13DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01MS	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:01:38	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	96.11	94.27	95.95	95.44	1.07	ppb
Zirconium	91-1	94.64	94.39	94.63	94.55	0.15	ppb

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-14DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS006-1824-01MS Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 17:04:59 DataFile Name : 064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34768.92	34834.32	34470.22	34691.15	0.56	ppb
Antimony	121-1	49.83	43.25	41.64	44.91	9.66	ppb
Arsenic	75-2	109.67	105.84	109.70	108.40	2.05	ppb
Barium	135-1	986.49	870.17	844.55	900.41	8.40	ppb
Barium	137-1	1011.10	883.04	856.48	916.87	9.02	ppb
Beryllium	9-1	138.72	128.92	124.54	130.73	5.55	ppb
Bismuth	209-1				96		%
Bismuth	209-2				85		%
Boron	10-1	108.23	95.62	88.33	97.39	10.34	ppb
Boron	11-1	104.79	101.04	95.70	100.51	4.54	ppb
Cadmium	111-1	115.93	100.95	97.97	104.95	9.17	ppb
Cadmium	106-1	110.52	99.67	95.49	101.89	7.61	ppb
Cadmium	108-1	111.94	105.08	97.72	104.91	6.78	ppb
Calcium	43-1	12633.89	11413.90	11096.29	11714.70	6.93	ppb
Calcium	44-1	13223.61	12027.04	11222.76	12157.80	8.28	ppb
Chromium	52-2	152.74	149.60	152.99	151.78	1.24	ppb
Cobalt	59-2	143.62	143.87	142.13	143.21	0.66	ppb
Copper	63-2	309.20	308.33	308.04	308.52	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				92		%
Indium	115-1				94		%
Indium	115-2				81		%
Iron	56-2	91557.34	91860.88	89559.88	90992.70	1.37	ppb
Iron	57-2	89896.33	90201.20	88628.63	89575.39	0.93	ppb
Krypton	83-1						cps
Lead	206-1	335.87	299.88	289.15	308.30	7.94	ppb
Lead	207-1	311.34	273.06	265.59	283.33	8.66	ppb
Lead	208-1	333.38	289.16	282.02	301.52	9.23	ppb
Lithium	6-1				50		%
Magnesium	24-2	24841.02	24746.79	24465.91	24684.57	0.79	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-14DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01MS	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:04:59	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3914.96	3925.48	3882.60	3907.68	0.57	ppb
Molybdenum	94-1	489.05	444.18	421.13	451.45	7.65	ppb
Molybdenum	95-1	492.03	438.42	417.81	449.42	8.53	ppb
Molybdenum	96-1	504.85	441.30	419.41	455.19	9.75	ppb
Molybdenum	97-1	506.70	447.55	424.91	459.72	9.19	ppb
Molybdenum	98-1	512.14	451.39	440.73	468.08	8.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	178.22	177.48	176.91	177.54	0.37	ppb
Phosphorus	31-2	1139.08	1243.82	1147.70	1176.87	4.94	ppb
Potassium	39-2	6094.18	6141.78	6058.65	6098.20	0.68	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				75		%
Scandium	45-2				77		%
Selenium	77-2	223.04	131.99	159.62	171.55	27.21	ppb
Selenium	78-2	110.67	109.83	96.17	105.56	7.71	ppb
Selenium	82-1	97.54	87.21	85.31	90.02	7.31	ppb
Silicon	28-1	2883.67	2665.68	2541.98	2697.11	6.41	ppb
Silver	109-1	103.45	90.81	89.78	94.68	8.04	ppb
Silver	107-1	104.31	92.03	88.32	94.89	8.82	ppb
Sodium	23-2	10011.16	10062.19	9904.75	9992.70	0.80	ppb
Strontium	86-1	113.48	104.74	98.16	105.46	7.29	ppb
Strontium	88-1	123.21	109.05	105.21	112.49	8.43	ppb
Sulfur	34-1	-7685.25	-8962.90	-9428.83	-8692.33		ppb
Terbium	159-1				98		%
Terbium	159-2				90		%
Thallium	203-1	106.92	95.61	92.79	98.44	7.60	ppb
Thallium	205-1	108.32	97.27	95.30	100.30	7.00	ppb
Tin	118-1	78.15	68.78	66.05	70.99	8.94	ppb
Titanium	47-1	517.70	459.63	440.68	472.67	8.49	ppb
Uranium	238-1	111.38	96.78	93.84	100.67	9.33	ppb
Vanadium	51-2	146.95	148.72	149.05	148.24	0.76	ppb
Yttrium	89-1				100		%
Yttrium	89-2				91		%
Zinc	66-2	566.36	548.42	550.73	555.17	1.76	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-14DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01MS	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:04:59	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	99.42	89.57	84.11	91.03	8.53	ppb
Zirconium	91-1	99.17	90.44	84.15	91.25	8.26	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 17:08:20	DataFile Name :	065CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49840.38	49924.28	49377.94	49714.20	0.59	ppb
Antimony	121-1	504.82	507.10	502.13	504.68	0.49	ppb
Arsenic	75-2	513.54	508.88	509.55	510.66	0.49	ppb
Barium	135-1	2488.37	2525.47	2507.12	2506.99	0.74	ppb
Barium	137-1	2491.41	2496.87	2474.48	2487.59	0.47	ppb
Beryllium	9-1	608.82	617.18	611.00	612.33	0.71	ppb
Bismuth	209-1				99		%
Bismuth	209-2				85		%
Boron	10-1	584.81	602.50	624.20	603.84	3.27	ppb
Boron	11-1	592.21	623.93	617.19	611.11	2.73	ppb
Cadmium	111-1	486.09	487.11	480.15	484.45	0.78	ppb
Cadmium	106-1	483.27	492.65	474.43	483.45	1.89	ppb
Cadmium	108-1	483.26	492.65	479.07	484.99	1.43	ppb
Calcium	43-1	233716.44	234512.70	236187.68	234805.61	0.54	ppb
Calcium	44-1	233411.96	231407.67	236830.51	233883.38	1.17	ppb
Chromium	52-2	519.97	524.13	516.43	520.18	0.74	ppb
Cobalt	59-2	525.69	525.04	521.53	524.09	0.43	ppb
Copper	63-2	1035.64	1040.70	1027.03	1034.45	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				84		%
Iron	56-2	134226.93	131888.58	129229.86	131781.79	1.90	ppb
Iron	57-2	135623.63	135488.22	131970.19	134360.68	1.54	ppb
Krypton	83-1						cps
Lead	206-1	487.66	492.75	487.08	489.16	0.64	ppb
Lead	207-1	480.61	486.87	479.47	482.32	0.83	ppb
Lead	208-1	494.53	496.30	495.84	495.56	0.19	ppb
Lithium	6-1				53		%
Magnesium	24-2	252187.16	254321.83	247176.37	251228.45	1.46	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 17:08:20	DataFile Name :	065CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1019.46	1007.97	993.12	1006.85	1.31	ppb
Molybdenum	94-1	2547.54	2563.58	2550.09	2553.73	0.34	ppb
Molybdenum	95-1	2482.42	2564.19	2527.54	2524.72	1.62	ppb
Molybdenum	96-1	2530.02	2593.53	2511.98	2545.17	1.68	ppb
Molybdenum	97-1	2586.02	2590.15	2564.28	2580.15	0.54	ppb
Molybdenum	98-1	2522.03	2548.79	2514.96	2528.60	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	531.98	525.95	527.18	528.37	0.60	ppb
Phosphorus	31-2	9605.19	10490.04	10757.17	10284.13	5.86	ppb
Potassium	39-2	124137.98	123265.09	124430.70	123944.59	0.49	ppb
Rhodium	103-1				93		%
Rhodium	103-2				90		%
Scandium	45-1				82		%
Scandium	45-2				82		%
Selenium	77-2	582.74	451.23	561.06	531.67	13.26	ppb
Selenium	78-2	486.26	472.07	490.86	483.06	2.03	ppb
Selenium	82-1	487.33	491.01	491.83	490.06	0.49	ppb
Silicon	28-1	399.83	411.41	418.40	409.88	2.29	ppb
Silver	109-1	489.46	490.02	483.18	487.55	0.78	ppb
Silver	107-1	493.26	502.19	482.20	492.55	2.03	ppb
Sodium	23-2	249132.66	249350.87	245381.41	247954.98	0.90	ppb
Strontium	86-1	486.69	489.78	492.15	489.54	0.56	ppb
Strontium	88-1	508.25	503.90	507.01	506.39	0.44	ppb
Sulfur	34-1	6961.88	6826.83	7166.45	6985.05	2.45	ppb
Terbium	159-1				103		%
Terbium	159-2				94		%
Thallium	203-1	514.98	511.89	511.98	512.95	0.34	ppb
Thallium	205-1	508.04	515.80	511.69	511.84	0.76	ppb
Tin	118-1	510.65	509.03	501.93	507.20	0.91	ppb
Titanium	47-1	2528.90	2576.68	2539.23	2548.27	0.99	ppb
Uranium	238-1	494.05	491.90	494.69	493.55	0.30	ppb
Vanadium	51-2	524.29	522.43	517.74	521.49	0.65	ppb
Yttrium	89-1				96		%
Yttrium	89-2				87		%
Zinc	66-2	1045.34	1053.61	1039.68	1046.21	0.67	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 17:08:20	DataFile Name :	065CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	499.66	516.60	503.03	506.43	1.77	ppb
Zirconium	91-1	494.37	497.44	491.89	494.57	0.56	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 17:19:21	DataFile Name :	066CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.34	3.91	2.13	2.13	83.99	ppb
Antimony	121-1	0.07	0.09	0.16	0.11	41.04	ppb
Arsenic	75-2	-0.01	0.06	-0.05	0.00		ppb
Barium	135-1	-0.01	-0.02	0.00	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.09	0.05	0.04	0.06	40.48	ppb
Bismuth	209-1				96		%
Bismuth	209-2				82		%
Boron	10-1	-21.91	-21.03	-21.14	-21.36		ppb
Boron	11-1	-21.36	-20.79	-21.65	-21.27		ppb
Cadmium	111-1	-0.27	-0.34	-0.30	-0.30		ppb
Cadmium	106-1	-3.75	-4.68	-4.24	-4.22		ppb
Cadmium	108-1	0.03	0.03	0.17	0.08	102.68	ppb
Calcium	43-1	-17.04	-15.29	-13.94	-15.42		ppb
Calcium	44-1	23.19	14.95	16.67	18.27	23.78	ppb
Chromium	52-2	0.96	1.09	0.81	0.95	15.05	ppb
Cobalt	59-2	-0.02	-0.02	0.00	-0.01		ppb
Copper	63-2	0.03	-0.01	0.02	0.01	171.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				86		%
Indium	115-1				95		%
Indium	115-2				80		%
Iron	56-2	2.27	2.27	1.99	2.18	7.52	ppb
Iron	57-2	2.08	0.38	1.23	1.23	69.07	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.14	0.17	0.16	11.19	ppb
Lead	207-1	0.14	0.15	0.16	0.15	4.81	ppb
Lead	208-1	0.15	0.15	0.15	0.15	1.55	ppb
Lithium	6-1				50		%
Magnesium	24-2	3.43	1.88	2.22	2.51	32.45	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 17:19:21	DataFile Name :	066CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.15	-0.05	0.09	0.06	158.16	ppb
Molybdenum	94-1	0.09	0.06	0.07	0.07	23.16	ppb
Molybdenum	95-1	0.04	0.05	0.05	0.05	13.26	ppb
Molybdenum	96-1	0.06	0.07	0.04	0.06	26.83	ppb
Molybdenum	97-1	0.11	0.12	0.15	0.13	17.95	ppb
Molybdenum	98-1	0.06	0.08	0.05	0.07	20.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.04	0.05	0.04	9.68	ppb
Phosphorus	31-2	-5.70	-23.26	-23.26	-17.41		ppb
Potassium	39-2	64.31	37.82	41.59	47.91	29.91	ppb
Rhodium	103-1				92		%
Rhodium	103-2				89		%
Scandium	45-1				75		%
Scandium	45-2				73		%
Selenium	77-2	-2.09	-2.09	-2.09	-2.09		ppb
Selenium	78-2	-0.66	-0.66	-0.06	-0.46		ppb
Selenium	82-1	-0.88	-1.05	-1.65	-1.19		ppb
Silicon	28-1	-39.10	-40.77	-39.32	-39.73		ppb
Silver	109-1	0.01	0.00	0.01	0.00	68.55	ppb
Silver	107-1	0.01	0.00	0.00	0.00	135.76	ppb
Sodium	23-2	223.51	190.00	190.34	201.28	9.56	ppb
Strontium	86-1	-0.07	0.01	-0.03	-0.03		ppb
Strontium	88-1	0.01	0.00	0.00	0.01	71.41	ppb
Sulfur	34-1	-3167.66	-3984.33	-3683.87	-3611.95		ppb
Terbium	159-1				97		%
Terbium	159-2				87		%
Thallium	203-1	0.01	0.02	0.00	0.01	72.92	ppb
Thallium	205-1	0.02	0.02	0.00	0.02	65.43	ppb
Tin	118-1	0.02	0.02	0.05	0.03	43.01	ppb
Titanium	47-1	0.12	0.08	0.04	0.08	46.78	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.03	0.02	0.00	0.02	86.37	ppb
Yttrium	89-1				90		%
Yttrium	89-2				80		%
Zinc	66-2	0.21	0.13	0.23	0.19	28.17	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 17:19:21	DataFile Name :	066CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.01	0.00	163.09	ppb
Zirconium	91-1	0.01	0.02	0.02	0.01	29.86	ppb

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-12ADLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS006-1824-01ADL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 17:28:42 DataFile Name : 067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33454.36	32189.03	32303.66	32649.02	2.14	ppb
Antimony	121-1	50.64	50.06	51.20	50.63	1.13	ppb
Arsenic	75-2	110.32	104.98	109.77	108.36	2.71	ppb
Barium	135-1	871.33	845.91	855.51	857.58	1.50	ppb
Barium	137-1	890.03	889.94	880.60	886.86	0.61	ppb
Beryllium	9-1	123.59	126.24	124.69	124.84	1.06	ppb
Bismuth	209-1				96		%
Bismuth	209-2				84		%
Boron	10-1	92.79	97.23	97.26	95.76	2.69	ppb
Boron	11-1	90.77	100.13	97.93	96.27	5.09	ppb
Cadmium	111-1	102.45	101.97	102.00	102.14	0.26	ppb
Cadmium	106-1	101.23	97.52	100.98	99.91	2.07	ppb
Cadmium	108-1	104.52	105.88	103.55	104.65	1.12	ppb
Calcium	43-1	11660.91	11538.96	11070.39	11423.42	2.73	ppb
Calcium	44-1	11959.70	11931.45	11409.35	11766.83	2.63	ppb
Chromium	52-2	149.40	143.44	143.95	145.60	2.27	ppb
Cobalt	59-2	140.68	133.97	135.84	136.83	2.53	ppb
Copper	63-2	303.89	295.25	292.64	297.26	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				98		%
Holmium	165-2				91		%
Indium	115-1				95		%
Indium	115-2				81		%
Iron	56-2	87667.63	83105.01	82940.10	84570.91	3.17	ppb
Iron	57-2	86276.41	82463.35	81897.99	83545.92	2.85	ppb
Krypton	83-1						cps
Lead	206-1	294.29	295.02	297.70	295.67	0.61	ppb
Lead	207-1	271.31	273.65	274.87	273.28	0.66	ppb
Lead	208-1	287.60	288.68	292.06	289.45	0.80	ppb
Lithium	6-1				52		%
Magnesium	24-2	24318.21	23544.73	23630.21	23831.05	1.78	ppb

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-12ADLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS006-1824-01ADL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 17:28:42 DataFile Name : 067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3553.36	3405.46	3459.88	3472.90	2.15	ppb
Molybdenum	94-1	462.02	450.64	446.47	453.04	1.78	ppb
Molybdenum	95-1	453.10	444.34	441.62	446.35	1.34	ppb
Molybdenum	96-1	456.36	444.17	439.07	446.53	1.99	ppb
Molybdenum	97-1	456.11	448.28	445.86	450.08	1.19	ppb
Molybdenum	98-1	479.87	453.48	449.00	460.78	3.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	172.86	165.50	169.05	169.14	2.18	ppb
Phosphorus	31-2	1161.39	927.73	948.91	1012.68	12.76	ppb
Potassium	39-2	6168.94	5979.81	5975.67	6041.47	1.83	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				78		%
Scandium	45-2				78		%
Selenium	77-2	178.57	196.65	158.25	177.82	10.80	ppb
Selenium	78-2	96.75	90.77	94.06	93.86	3.19	ppb
Selenium	82-1	91.15	89.24	85.93	88.77	2.97	ppb
Silicon	28-1	2205.97	2227.61	2092.12	2175.23	3.35	ppb
Silver	109-1	93.57	92.38	93.09	93.01	0.64	ppb
Silver	107-1	94.92	93.16	92.06	93.38	1.54	ppb
Sodium	23-2	10061.65	9753.71	9751.38	9855.58	1.81	ppb
Strontium	86-1	105.78	102.77	103.99	104.18	1.45	ppb
Strontium	88-1	111.27	109.34	109.52	110.04	0.97	ppb
Sulfur	34-1	-5705.01	-6240.66	-7152.12	-6365.93		ppb
Terbium	159-1				99		%
Terbium	159-2				89		%
Thallium	203-1	96.18	97.17	98.92	97.42	1.42	ppb
Thallium	205-1	97.74	99.72	99.56	99.00	1.11	ppb
Tin	118-1	75.64	75.02	75.70	75.45	0.50	ppb
Titanium	47-1	486.51	480.18	463.51	476.73	2.49	ppb
Uranium	238-1	97.87	96.80	98.77	97.81	1.01	ppb
Vanadium	51-2	146.33	140.13	142.76	143.08	2.17	ppb
Yttrium	89-1				100		%
Yttrium	89-2				91		%
Zinc	66-2	537.25	510.58	527.36	525.07	2.57	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12ADLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:28:42	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	93.81	92.06	93.73	93.20	1.06	ppb
Zirconium	91-1	94.96	93.99	91.54	93.50	1.88	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-15DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:32:03	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20170.97	20711.72	20567.75	20483.48	1.37	ppb
Antimony	121-1	0.13	0.11	0.15	0.13	15.42	ppb
Arsenic	75-2	10.30	11.24	10.60	10.71	4.48	ppb
Barium	135-1	297.46	293.31	286.87	292.55	1.82	ppb
Barium	137-1	299.93	289.68	289.35	292.99	2.05	ppb
Beryllium	9-1	1.55	1.43	1.39	1.46	5.79	ppb
Bismuth	209-1				96		%
Bismuth	209-2				83		%
Boron	10-1	-19.09	-17.24	-15.94	-17.42		ppb
Boron	11-1	-17.22	-16.82	-17.60	-17.21		ppb
Cadmium	111-1	0.51	0.52	0.59	0.54	8.65	ppb
Cadmium	106-1	-1.85	-2.39	-0.82	-1.69		ppb
Cadmium	108-1	1.49	1.27	1.30	1.36	8.78	ppb
Calcium	43-1	4679.63	4577.02	4445.18	4567.28	2.57	ppb
Calcium	44-1	4759.78	4769.53	4498.26	4675.86	3.29	ppb
Chromium	52-2	33.77	34.52	33.56	33.95	1.49	ppb
Cobalt	59-2	20.73	21.40	20.91	21.01	1.65	ppb
Copper	63-2	63.40	63.45	63.90	63.58	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				89		%
Indium	115-1				97		%
Indium	115-2				81		%
Iron	56-2	51082.56	52575.61	51599.58	51752.59	1.47	ppb
Iron	57-2	50247.00	50781.52	50667.76	50565.42	0.56	ppb
Krypton	83-1						cps
Lead	206-1	381.40	370.66	357.79	369.95	3.19	ppb
Lead	207-1	347.58	332.74	321.68	334.00	3.89	ppb
Lead	208-1	370.69	356.59	346.87	358.05	3.34	ppb
Lithium	6-1				51		%
Magnesium	24-2	8926.33	9090.37	8942.99	8986.56	1.00	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-15DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:32:03	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2335.21	2383.91	2389.07	2369.40	1.25	ppb
Molybdenum	94-1	12.76	12.55	12.40	12.57	1.44	ppb
Molybdenum	95-1	2.09	1.93	1.93	1.98	4.64	ppb
Molybdenum	96-1	3.42	3.24	3.34	3.34	2.67	ppb
Molybdenum	97-1	2.10	1.97	2.07	2.05	3.32	ppb
Molybdenum	98-1	1.98	1.99	1.95	1.97	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.28	44.27	43.61	43.72	1.15	ppb
Phosphorus	31-2	1039.75	875.01	1181.21	1031.99	14.85	ppb
Potassium	39-2	1618.98	1618.17	1577.23	1604.80	1.49	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				75		%
Scandium	45-2				76		%
Selenium	77-2	53.79	73.07	54.98	60.61	17.83	ppb
Selenium	78-2	12.38	6.31	5.13	7.94	48.98	ppb
Selenium	82-1	-1.63	-0.73	0.61	-0.59		ppb
Silicon	28-1	1863.46	1840.54	1727.64	1810.55	4.02	ppb
Silver	109-1	0.10	0.08	0.10	0.09	12.11	ppb
Silver	107-1	0.10	0.09	0.10	0.10	7.07	ppb
Sodium	23-2	214.37	223.66	219.30	219.11	2.12	ppb
Strontium	86-1	18.74	17.68	18.07	18.16	2.96	ppb
Strontium	88-1	19.12	18.56	18.35	18.67	2.13	ppb
Sulfur	34-1	-7170.97	-7541.99	-8233.11	-7648.69		ppb
Terbium	159-1				98		%
Terbium	159-2				88		%
Thallium	203-1	0.14	0.12	0.11	0.12	11.85	ppb
Thallium	205-1	0.15	0.16	0.14	0.15	9.44	ppb
Tin	118-1	0.32	0.29	0.39	0.33	14.69	ppb
Titanium	47-1	43.24	44.42	40.03	42.56	5.34	ppb
Uranium	238-1	0.67	0.75	0.67	0.70	6.68	ppb
Vanadium	51-2	34.81	34.91	34.98	34.90	0.26	ppb
Yttrium	89-1				97		%
Yttrium	89-2				87		%
Zinc	66-2	250.08	252.12	254.78	252.32	0.94	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-15DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:32:03	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	7.26	7.16	7.29	7.24	0.94	ppb
Zirconium	91-1	7.41	7.38	7.13	7.31	2.08	ppb

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-16DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS007-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 17:35:25 DataFile Name : 069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30096.99	29389.94	29475.89	29654.28	1.30	ppb
Antimony	121-1	0.07	0.07	0.08	0.07	7.40	ppb
Arsenic	75-2	18.70	18.27	18.32	18.43	1.27	ppb
Barium	135-1	360.95	365.18	349.74	358.62	2.23	ppb
Barium	137-1	364.41	366.06	349.92	360.13	2.47	ppb
Beryllium	9-1	2.21	2.16	2.04	2.13	4.15	ppb
Bismuth	209-1				97		%
Bismuth	209-2				83		%
Boron	10-1	-18.07	-21.24	-20.32	-19.88		ppb
Boron	11-1	-19.45	-18.12	-17.17	-18.25		ppb
Cadmium	111-1	0.44	0.41	0.45	0.44	4.63	ppb
Cadmium	106-1	-1.34	-1.22	-1.60	-1.39		ppb
Cadmium	108-1	1.59	1.73	0.89	1.40	32.15	ppb
Calcium	43-1	3375.47	3331.04	3335.63	3347.38	0.73	ppb
Calcium	44-1	3396.50	3458.35	3347.31	3400.72	1.64	ppb
Chromium	52-2	46.20	46.77	45.30	46.09	1.61	ppb
Cobalt	59-2	28.27	28.77	28.18	28.41	1.11	ppb
Copper	63-2	96.52	95.28	95.65	95.82	0.66	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				99		%
Holmium	165-2				90		%
Indium	115-1				97		%
Indium	115-2				81		%
Iron	56-2	77768.31	76230.95	76927.42	76975.56	1.00	ppb
Iron	57-2	75677.92	75150.66	75372.87	75400.48	0.35	ppb
Krypton	83-1						cps
Lead	206-1	491.03	502.30	479.87	491.07	2.28	ppb
Lead	207-1	444.95	449.81	433.14	442.63	1.94	ppb
Lead	208-1	475.44	483.39	463.34	474.06	2.13	ppb
Lithium	6-1				52		%
Magnesium	24-2	13434.36	13485.04	13273.70	13397.70	0.82	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-16DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:35:25	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2840.36	2792.23	2819.95	2817.51	0.86	ppb
Molybdenum	94-1	16.72	16.34	16.22	16.42	1.59	ppb
Molybdenum	95-1	2.81	2.94	2.97	2.91	2.88	ppb
Molybdenum	96-1	4.50	4.74	4.64	4.63	2.55	ppb
Molybdenum	97-1	3.08	2.90	2.82	2.93	4.58	ppb
Molybdenum	98-1	2.93	2.95	2.91	2.93	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.91	61.79	61.96	61.89	0.14	ppb
Phosphorus	31-2	1204.00	1140.06	1290.76	1211.61	6.24	ppb
Potassium	39-2	1456.99	1499.63	1490.14	1482.25	1.51	ppb
Rhodium	103-1				93		%
Rhodium	103-2				90		%
Scandium	45-1				77		%
Scandium	45-2				77		%
Selenium	77-2	60.89	77.23	57.00	65.04	16.50	ppb
Selenium	78-2	13.55	16.70	8.93	13.06	29.90	ppb
Selenium	82-1	0.32	0.21	0.05	0.19	70.06	ppb
Silicon	28-1	2109.49	2044.74	2107.24	2087.16	1.76	ppb
Silver	109-1	0.10	0.11	0.10	0.10	9.01	ppb
Silver	107-1	0.12	0.09	0.11	0.10	15.07	ppb
Sodium	23-2	218.55	205.89	194.38	206.28	5.86	ppb
Strontium	86-1	14.53	14.84	14.27	14.55	1.96	ppb
Strontium	88-1	14.98	15.65	15.04	15.22	2.43	ppb
Sulfur	34-1	-8780.44	-8655.87	-8870.17	-8768.82		ppb
Terbium	159-1				99		%
Terbium	159-2				89		%
Thallium	203-1	0.17	0.15	0.15	0.16	9.28	ppb
Thallium	205-1	0.12	0.16	0.14	0.14	14.33	ppb
Tin	118-1	0.23	0.29	0.21	0.24	16.99	ppb
Titanium	47-1	39.35	39.85	40.95	40.05	2.05	ppb
Uranium	238-1	0.96	0.95	0.97	0.96	1.14	ppb
Vanadium	51-2	43.48	43.86	43.58	43.64	0.46	ppb
Yttrium	89-1				100		%
Yttrium	89-2				89		%
Zinc	66-2	375.70	374.95	375.15	375.26	0.10	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-16DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:35:25	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	9.40	9.55	9.54	9.50	0.91	ppb
Zirconium	91-1	9.15	9.77	9.27	9.39	3.50	ppb

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-17DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS007-1218-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 17:38:48 DataFile Name : 070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32179.99	29924.97	31597.12	31234.03	3.75	ppb
Antimony	121-1	0.07	0.08	0.07	0.08	9.28	ppb
Arsenic	75-2	15.08	13.80	13.66	14.18	5.53	ppb
Barium	135-1	396.66	402.94	408.97	402.86	1.53	ppb
Barium	137-1	397.84	401.41	409.84	403.03	1.53	ppb
Beryllium	9-1	2.04	1.82	2.36	2.07	13.21	ppb
Bismuth	209-1				97		%
Bismuth	209-2				85		%
Boron	10-1	-20.04	-18.19	-21.57	-19.93		ppb
Boron	11-1	-19.35	-19.30	-17.83	-18.83		ppb
Cadmium	111-1	0.43	0.62	0.77	0.61	28.75	ppb
Cadmium	106-1	-2.13	-0.55	-0.63	-1.10		ppb
Cadmium	108-1	1.59	1.58	1.61	1.59	1.08	ppb
Calcium	43-1	3579.91	3444.25	3629.99	3551.38	2.71	ppb
Calcium	44-1	3620.74	3577.68	3683.90	3627.44	1.47	ppb
Chromium	52-2	50.96	47.73	50.38	49.69	3.47	ppb
Cobalt	59-2	32.50	30.09	32.56	31.72	4.44	ppb
Copper	63-2	102.93	95.76	101.30	100.00	3.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				91		%
Indium	115-1				97		%
Indium	115-2				81		%
Iron	56-2	80493.85	73944.67	79543.14	77993.89	4.54	ppb
Iron	57-2	79522.81	73408.80	78647.64	77193.08	4.28	ppb
Krypton	83-1						cps
Lead	206-1	449.58	447.38	455.64	450.87	0.95	ppb
Lead	207-1	403.15	405.01	407.80	405.32	0.58	ppb
Lead	208-1	431.35	435.94	437.45	434.91	0.73	ppb
Lithium	6-1				52		%
Magnesium	24-2	12981.48	12074.57	12791.33	12615.79	3.79	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-17DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-1218-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:38:48	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3049.28	2811.70	3008.28	2956.42	4.30	ppb
Molybdenum	94-1	16.03	16.30	15.70	16.01	1.88	ppb
Molybdenum	95-1	3.11	3.33	3.36	3.27	4.18	ppb
Molybdenum	96-1	5.02	5.08	4.97	5.02	1.03	ppb
Molybdenum	97-1	3.17	3.27	3.19	3.21	1.68	ppb
Molybdenum	98-1	3.28	3.32	3.36	3.32	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	68.51	64.78	66.85	66.71	2.80	ppb
Phosphorus	31-2	1213.15	1491.43	1330.51	1345.03	10.39	ppb
Potassium	39-2	1594.59	1406.91	1512.41	1504.64	6.25	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				77		%
Scandium	45-2				77		%
Selenium	77-2	44.17	104.79	56.22	68.39	46.92	ppb
Selenium	78-2	18.99	10.73	8.81	12.84	42.12	ppb
Selenium	82-1	0.66	0.83	1.41	0.97	40.33	ppb
Silicon	28-1	2540.03	2555.64	2610.01	2568.56	1.43	ppb
Silver	109-1	0.10	0.10	0.09	0.10	6.00	ppb
Silver	107-1	0.12	0.09	0.13	0.11	17.16	ppb
Sodium	23-2	210.16	188.78	216.26	205.07	7.04	ppb
Strontium	86-1	16.32	16.47	17.02	16.60	2.24	ppb
Strontium	88-1	17.26	17.25	17.59	17.37	1.10	ppb
Sulfur	34-1	-9306.77	-9678.57	-9432.00	-9472.45		ppb
Terbium	159-1				100		%
Terbium	159-2				90		%
Thallium	203-1	0.13	0.16	0.20	0.16	19.73	ppb
Thallium	205-1	0.16	0.15	0.14	0.15	6.29	ppb
Tin	118-1	0.28	0.28	0.33	0.30	10.00	ppb
Titanium	47-1	42.67	40.97	42.35	42.00	2.15	ppb
Uranium	238-1	0.91	0.90	0.87	0.89	2.57	ppb
Vanadium	51-2	46.82	43.92	46.59	45.78	3.52	ppb
Yttrium	89-1				100		%
Yttrium	89-2				89		%
Zinc	66-2	340.82	319.21	334.08	331.37	3.34	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-17DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-1218-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:38:48	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	9.29	9.25	9.29	9.27	0.24	ppb
Zirconium	91-1	9.65	8.92	8.91	9.16	4.62	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-18DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-1824-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:42:11	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30269.01	29933.08	32812.74	31004.94	5.08	ppb
Antimony	121-1	0.08	0.10	0.08	0.09	10.13	ppb
Arsenic	75-2	14.56	14.33	15.62	14.84	4.65	ppb
Barium	135-1	340.37	344.75	351.35	345.49	1.60	ppb
Barium	137-1	332.31	346.19	351.63	343.38	2.90	ppb
Beryllium	9-1	1.66	1.70	1.94	1.77	8.51	ppb
Bismuth	209-1				98		%
Bismuth	209-2				81		%
Boron	10-1	-20.81	-20.00	-18.72	-19.85		ppb
Boron	11-1	-19.53	-20.08	-19.58	-19.73		ppb
Cadmium	111-1	0.40	0.44	0.45	0.43	6.51	ppb
Cadmium	106-1	-2.47	-2.30	-1.83	-2.20		ppb
Cadmium	108-1	1.18	1.98	1.42	1.52	26.91	ppb
Calcium	43-1	3888.01	3936.11	4104.77	3976.30	2.86	ppb
Calcium	44-1	3932.62	4027.18	4143.53	4034.44	2.62	ppb
Chromium	52-2	49.92	47.73	52.12	49.92	4.39	ppb
Cobalt	59-2	30.70	29.48	32.19	30.79	4.40	ppb
Copper	63-2	88.81	85.54	93.28	89.21	4.36	ppb
Dysprosium	156-1						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				87		%
Indium	115-1				98		%
Indium	115-2				78		%
Iron	56-2	73194.87	71492.19	79628.26	74771.78	5.74	ppb
Iron	57-2	72455.86	71276.57	78242.30	73991.58	5.04	ppb
Krypton	83-1						cps
Lead	206-1	376.31	381.77	390.69	382.92	1.90	ppb
Lead	207-1	340.43	344.01	351.88	345.44	1.70	ppb
Lead	208-1	363.23	366.58	375.88	368.56	1.78	ppb
Lithium	6-1				51		%
Magnesium	24-2	12724.45	12705.79	14040.65	13156.96	5.82	ppb

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-18DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS007-1824-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 17:42:11 DataFile Name : 071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2906.89	2887.57	3220.35	3004.94	6.22	ppb
Molybdenum	94-1	15.32	15.33	15.23	15.30	0.36	ppb
Molybdenum	95-1	3.03	2.96	3.01	3.00	1.08	ppb
Molybdenum	96-1	4.38	4.60	4.38	4.45	2.86	ppb
Molybdenum	97-1	3.01	3.02	3.08	3.04	1.16	ppb
Molybdenum	98-1	2.91	2.99	3.01	2.97	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	73.31	72.05	79.82	75.06	5.56	ppb
Phosphorus	31-2	1238.13	1619.87	1576.63	1478.21	14.14	ppb
Potassium	39-2	1501.64	1483.61	1625.52	1536.92	5.03	ppb
Rhodium	103-1				95		%
Rhodium	103-2				87		%
Scandium	45-1				78		%
Scandium	45-2				73		%
Selenium	77-2	68.36	52.62	42.92	54.64	23.50	ppb
Selenium	78-2	11.92	9.33	13.96	11.74	19.75	ppb
Selenium	82-1	0.56	-0.44	-0.21	-0.03		ppb
Silicon	28-1	2287.64	2379.91	2433.40	2366.98	3.12	ppb
Silver	109-1	0.08	0.11	0.10	0.09	17.48	ppb
Silver	107-1	0.10	0.09	0.08	0.09	9.31	ppb
Sodium	23-2	288.14	278.16	320.47	295.59	7.48	ppb
Strontium	86-1	17.47	18.18	17.93	17.86	2.01	ppb
Strontium	88-1	18.52	18.57	18.79	18.62	0.77	ppb
Sulfur	34-1	-10288.15	-10208.80	-9893.94	-10130.29		ppb
Terbium	159-1				101		%
Terbium	159-2				86		%
Thallium	203-1	0.13	0.19	0.13	0.15	22.13	ppb
Thallium	205-1	0.14	0.15	0.15	0.15	6.55	ppb
Tin	118-1	0.29	0.25	0.28	0.27	7.79	ppb
Titanium	47-1	39.83	41.63	42.52	41.33	3.31	ppb
Uranium	238-1	0.83	0.81	0.82	0.82	1.64	ppb
Vanadium	51-2	43.54	41.33	46.14	43.67	5.52	ppb
Yttrium	89-1				102		%
Yttrium	89-2				86		%
Zinc	66-2	349.94	351.00	390.24	363.73	6.31	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-18DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-1824-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:42:11	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	8.77	8.80	8.94	8.84	1.00	ppb
Zirconium	91-1	8.68	8.44	8.67	8.60	1.62	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-19DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS008-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:45:34	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25482.64	27660.97	26178.99	26440.87	4.21	ppb
Antimony	121-1	0.11	0.11	0.10	0.11	4.30	ppb
Arsenic	75-2	15.51	17.43	15.12	16.02	7.70	ppb
Barium	135-1	325.04	344.44	353.21	340.89	4.23	ppb
Barium	137-1	327.32	346.01	349.99	341.11	3.55	ppb
Beryllium	9-1	1.57	1.91	1.53	1.67	12.61	ppb
Bismuth	209-1				100		%
Bismuth	209-2				84		%
Boron	10-1	-21.16	-21.45	-22.21	-21.60		ppb
Boron	11-1	-20.90	-20.22	-19.69	-20.27		ppb
Cadmium	111-1	0.57	0.47	0.49	0.51	10.58	ppb
Cadmium	106-1	0.11	-1.89	-2.05	-1.28		ppb
Cadmium	108-1	1.36	1.81	1.35	1.51	17.37	ppb
Calcium	43-1	4277.10	4664.46	4637.95	4526.50	4.78	ppb
Calcium	44-1	4340.32	4722.04	4736.69	4599.68	4.89	ppb
Chromium	52-2	42.93	45.84	44.41	44.40	3.28	ppb
Cobalt	59-2	25.54	27.46	25.94	26.31	3.85	ppb
Copper	63-2	75.10	80.20	77.59	77.63	3.28	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				100		%
Holmium	165-2				90		%
Indium	115-1				100		%
Indium	115-2				82		%
Iron	56-2	64850.72	68844.87	65358.06	66351.22	3.28	ppb
Iron	57-2	63272.39	67881.92	64323.68	65159.33	3.71	ppb
Krypton	83-1						cps
Lead	206-1	452.48	485.13	492.62	476.74	4.48	ppb
Lead	207-1	407.77	438.23	446.51	430.84	4.74	ppb
Lead	208-1	436.51	470.51	476.91	461.31	4.71	ppb
Lithium	6-1				51		%
Magnesium	24-2	11682.47	12669.35	11978.31	12110.04	4.18	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-19DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS008-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:45:34	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3174.47	3381.97	3242.26	3266.23	3.24	ppb
Molybdenum	94-1	13.42	14.69	14.75	14.29	5.24	ppb
Molybdenum	95-1	2.74	2.88	2.77	2.80	2.76	ppb
Molybdenum	96-1	4.08	4.39	4.31	4.26	3.81	ppb
Molybdenum	97-1	2.57	2.67	2.94	2.73	7.16	ppb
Molybdenum	98-1	2.55	2.71	2.81	2.69	4.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.07	56.24	52.89	53.73	4.12	ppb
Phosphorus	31-2	1192.97	1202.67	1345.55	1247.07	6.85	ppb
Potassium	39-2	1303.31	1407.55	1385.31	1365.39	4.02	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				77		%
Scandium	45-2				76		%
Selenium	77-2	55.69	65.64	57.49	59.61	8.90	ppb
Selenium	78-2	10.93	17.86	4.46	11.09	60.46	ppb
Selenium	82-1	-0.02	-0.42	0.09	-0.12		ppb
Silicon	28-1	2612.81	2849.06	2817.52	2759.80	4.65	ppb
Silver	109-1	0.08	0.10	0.11	0.09	17.62	ppb
Silver	107-1	0.11	0.10	0.09	0.10	9.04	ppb
Sodium	23-2	190.97	212.52	190.84	198.11	6.30	ppb
Strontium	86-1	14.05	15.18	15.14	14.79	4.36	ppb
Strontium	88-1	14.50	15.69	15.45	15.21	4.11	ppb
Sulfur	34-1	-10582.19	-9765.41	-9867.74	-10071.78		ppb
Terbium	159-1				101		%
Terbium	159-2				89		%
Thallium	203-1	0.11	0.13	0.14	0.13	10.19	ppb
Thallium	205-1	0.14	0.12	0.13	0.13	7.99	ppb
Tin	118-1	0.25	0.27	0.27	0.26	4.29	ppb
Titanium	47-1	42.62	46.52	48.02	45.72	6.10	ppb
Uranium	238-1	0.72	0.79	0.83	0.78	6.92	ppb
Vanadium	51-2	36.61	38.77	36.35	37.24	3.57	ppb
Yttrium	89-1				100		%
Yttrium	89-2				88		%
Zinc	66-2	312.13	340.84	319.88	324.28	4.58	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-19DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS008-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:45:34	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	7.66	8.29	8.14	8.03	4.09	ppb
Zirconium	91-1	7.86	8.24	8.30	8.13	2.92	ppb

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-20DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS008-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 17:48:57 DataFile Name : 073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29243.57	28335.16	27444.86	28341.20	3.17	ppb
Antimony	121-1	0.06	0.08	0.07	0.07	18.21	ppb
Arsenic	75-2	12.90	13.08	12.88	12.95	0.84	ppb
Barium	135-1	339.15	340.01	332.00	337.06	1.31	ppb
Barium	137-1	344.32	349.58	331.56	341.82	2.71	ppb
Beryllium	9-1	1.89	2.06	1.77	1.91	7.68	ppb
Bismuth	209-1				98		%
Bismuth	209-2				85		%
Boron	10-1	-20.46	-21.77	-20.61	-20.95		ppb
Boron	11-1	-20.13	-20.23	-20.23	-20.20		ppb
Cadmium	111-1	0.47	0.53	0.37	0.46	17.24	ppb
Cadmium	106-1	-0.96	-1.58	-2.74	-1.76		ppb
Cadmium	108-1	1.04	1.00	1.21	1.08	9.95	ppb
Calcium	43-1	2527.44	2633.99	2482.72	2548.05	3.05	ppb
Calcium	44-1	2567.61	2658.26	2534.13	2586.66	2.48	ppb
Chromium	52-2	43.85	43.32	42.58	43.25	1.47	ppb
Cobalt	59-2	25.47	24.85	23.75	24.69	3.52	ppb
Copper	63-2	85.50	82.54	79.03	82.35	3.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				91		%
Indium	115-1				98		%
Indium	115-2				82		%
Iron	56-2	68180.27	65729.04	63056.04	65655.12	3.90	ppb
Iron	57-2	66708.75	64389.38	62455.13	64517.75	3.30	ppb
Krypton	83-1						cps
Lead	206-1	502.57	505.08	487.87	498.51	1.86	ppb
Lead	207-1	456.10	459.87	436.38	450.78	2.80	ppb
Lead	208-1	487.94	491.37	469.84	483.05	2.40	ppb
Lithium	6-1				50		%
Magnesium	24-2	12033.28	12062.19	11422.14	11839.20	3.05	ppb

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-20DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS008-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 17:48:57 DataFile Name : 073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2198.56	2160.55	2051.27	2136.79	3.58	ppb
Molybdenum	94-1	13.83	14.33	13.69	13.95	2.41	ppb
Molybdenum	95-1	2.51	2.56	2.47	2.51	1.84	ppb
Molybdenum	96-1	4.04	4.18	4.01	4.08	2.15	ppb
Molybdenum	97-1	2.78	2.71	2.67	2.72	2.09	ppb
Molybdenum	98-1	2.55	2.62	2.61	2.59	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.28	59.12	54.69	57.37	4.10	ppb
Phosphorus	31-2	1099.62	1105.85	1052.21	1085.89	2.70	ppb
Potassium	39-2	1268.65	1392.17	1249.58	1303.46	5.94	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				77		%
Scandium	45-2				77		%
Selenium	77-2	49.91	43.19	38.33	43.81	13.27	ppb
Selenium	78-2	10.04	12.92	9.18	10.71	18.25	ppb
Selenium	82-1	0.43	-0.63	-0.79	-0.33		ppb
Silicon	28-1	2720.06	2797.80	2742.62	2753.49	1.45	ppb
Silver	109-1	0.12	0.10	0.10	0.11	13.86	ppb
Silver	107-1	0.10	0.12	0.09	0.10	15.16	ppb
Sodium	23-2	204.04	206.87	184.27	198.39	6.21	ppb
Strontium	86-1	11.48	12.63	11.91	12.01	4.82	ppb
Strontium	88-1	12.35	12.88	12.08	12.44	3.29	ppb
Sulfur	34-1	-10969.80	-10656.52	-10935.68	-10854.00		ppb
Terbium	159-1				100		%
Terbium	159-2				89		%
Thallium	203-1	0.14	0.15	0.15	0.15	3.76	ppb
Thallium	205-1	0.16	0.14	0.14	0.15	7.20	ppb
Tin	118-1	0.26	0.35	0.23	0.28	22.63	ppb
Titanium	47-1	53.10	53.97	50.63	52.57	3.30	ppb
Uranium	238-1	0.77	0.77	0.73	0.76	3.01	ppb
Vanadium	51-2	40.45	41.36	40.01	40.61	1.70	ppb
Yttrium	89-1				99		%
Yttrium	89-2				89		%
Zinc	66-2	327.34	315.23	305.37	315.98	3.48	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-20DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS008-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:48:57	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	8.03	8.29	7.74	8.02	3.42	ppb
Zirconium	91-1	7.90	8.44	8.14	8.16	3.29	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 17:52:20	DataFile Name :	074CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48127.43	51513.90	49002.21	49547.84	3.55	ppb
Antimony	121-1	494.78	494.39	535.19	508.12	4.61	ppb
Arsenic	75-2	491.07	510.76	506.11	502.64	2.05	ppb
Barium	135-1	2472.33	2524.72	2660.15	2552.40	3.80	ppb
Barium	137-1	2456.72	2485.45	2655.92	2532.70	4.25	ppb
Beryllium	9-1	608.48	616.19	645.48	623.38	3.13	ppb
Bismuth	209-1				97		%
Bismuth	209-2				82		%
Boron	10-1	595.76	601.70	647.88	615.12	4.64	ppb
Boron	11-1	585.53	601.70	660.97	616.07	6.45	ppb
Cadmium	111-1	478.84	472.87	510.05	487.26	4.10	ppb
Cadmium	106-1	474.20	466.34	502.55	481.03	3.96	ppb
Cadmium	108-1	478.65	474.80	508.00	487.15	3.73	ppb
Calcium	43-1	230317.88	234936.07	249380.92	238211.62	4.17	ppb
Calcium	44-1	230831.77	235054.87	246751.42	237546.02	3.47	ppb
Chromium	52-2	509.14	542.20	524.95	525.43	3.15	ppb
Cobalt	59-2	515.24	548.33	530.83	531.47	3.11	ppb
Copper	63-2	1013.30	1082.83	1035.06	1043.73	3.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				92		%
Indium	115-1				98		%
Indium	115-2				81		%
Iron	56-2	128301.53	134019.85	131277.59	131199.66	2.18	ppb
Iron	57-2	131050.37	136909.56	133640.37	133866.76	2.19	ppb
Krypton	83-1						cps
Lead	206-1	477.39	478.23	521.33	492.32	5.10	ppb
Lead	207-1	473.82	472.60	516.27	487.56	5.10	ppb
Lead	208-1	486.67	487.55	532.45	502.23	5.21	ppb
Lithium	6-1				52		%
Magnesium	24-2	243446.68	262415.75	254007.21	253289.88	3.75	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 17:52:20	DataFile Name :	074CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	986.48	1044.16	1014.39	1015.01	2.84	ppb
Molybdenum	94-1	2541.09	2497.00	2737.38	2591.82	4.94	ppb
Molybdenum	95-1	2514.44	2441.69	2718.56	2558.23	5.61	ppb
Molybdenum	96-1	2542.22	2472.19	2746.02	2586.81	5.50	ppb
Molybdenum	97-1	2539.53	2498.81	2791.15	2609.83	6.07	ppb
Molybdenum	98-1	2506.23	2439.20	2734.97	2560.14	6.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.16	552.45	529.67	533.09	3.36	ppb
Phosphorus	31-2	8814.52	9980.76	9098.22	9297.84	6.54	ppb
Potassium	39-2	120980.50	130802.03	124753.34	125511.96	3.95	ppb
Rhodium	103-1				92		%
Rhodium	103-2				89		%
Scandium	45-1				80		%
Scandium	45-2				79		%
Selenium	77-2	416.52	453.58	531.51	467.20	12.56	ppb
Selenium	78-2	480.36	455.34	441.49	459.06	4.29	ppb
Selenium	82-1	479.33	468.76	519.68	489.26	5.49	ppb
Silicon	28-1	383.46	397.53	424.76	401.92	5.22	ppb
Silver	109-1	487.28	478.10	510.36	491.91	3.38	ppb
Silver	107-1	484.25	472.76	519.60	492.21	4.96	ppb
Sodium	23-2	241561.79	257204.85	251711.43	250159.36	3.17	ppb
Strontium	86-1	480.74	474.71	523.37	492.94	5.38	ppb
Strontium	88-1	501.86	496.30	544.65	514.27	5.14	ppb
Sulfur	34-1	5502.08	6278.43	7792.26	6524.26	17.85	ppb
Terbium	159-1				101		%
Terbium	159-2				91		%
Thallium	203-1	509.76	504.21	546.17	520.05	4.38	ppb
Thallium	205-1	504.35	505.21	548.58	519.38	4.87	ppb
Tin	118-1	499.60	500.62	532.89	511.04	3.70	ppb
Titanium	47-1	2509.24	2512.16	2682.84	2568.08	3.87	ppb
Uranium	238-1	475.12	483.42	522.27	493.60	5.10	ppb
Vanadium	51-2	515.28	543.21	521.18	526.56	2.80	ppb
Yttrium	89-1				95		%
Yttrium	89-2				85		%
Zinc	66-2	998.57	1082.83	1034.74	1038.71	4.07	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 17:52:20	DataFile Name :	074CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	506.34	498.63	541.55	515.51	4.44	ppb
Zirconium	91-1	487.78	484.43	532.57	501.60	5.36	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 17:56:51	DataFile Name :	075CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.83	2.32	-0.85	1.10	155.00	ppb
Antimony	121-1	0.15	0.15	0.17	0.16	6.97	ppb
Arsenic	75-2	0.02	0.01	0.02	0.02	57.64	ppb
Barium	135-1	0.01	0.00	0.02	0.01	140.83	ppb
Barium	137-1	0.00	0.01	0.03	0.01	122.84	ppb
Beryllium	9-1	0.08	0.10	0.10	0.09	13.88	ppb
Bismuth	209-1				97		%
Bismuth	209-2				82		%
Boron	10-1	-19.61	-18.20	-20.03	-19.28		ppb
Boron	11-1	-19.52	-19.80	-18.55	-19.29		ppb
Cadmium	111-1	-0.25	-0.24	-0.22	-0.24		ppb
Cadmium	106-1	-3.68	-3.50	-3.12	-3.43		ppb
Cadmium	108-1	0.17	-0.06	0.03	0.05	238.46	ppb
Calcium	43-1	-14.91	-16.71	-10.13	-13.92		ppb
Calcium	44-1	39.04	42.29	42.03	41.12	4.40	ppb
Chromium	52-2	0.85	1.09	1.18	1.04	16.49	ppb
Cobalt	59-2	0.00	-0.02	0.00	-0.01		ppb
Copper	63-2	-0.02	0.00	0.03	0.00	560.35	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				96		%
Holmium	165-2				87		%
Indium	115-1				97		%
Indium	115-2				79		%
Iron	56-2	2.23	2.46	2.52	2.40	6.41	ppb
Iron	57-2	3.74	8.28	1.19	4.40	81.53	ppb
Krypton	83-1						cps
Lead	206-1	0.27	0.23	0.24	0.25	7.34	ppb
Lead	207-1	0.26	0.23	0.20	0.23	13.28	ppb
Lead	208-1	0.25	0.23	0.23	0.24	5.43	ppb
Lithium	6-1				50		%
Magnesium	24-2	3.20	3.22	1.47	2.63	38.14	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 17:56:51	DataFile Name :	075CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.17	0.16	0.10	0.15	24.43	ppb
Molybdenum	94-1	0.09	0.07	0.18	0.12	51.04	ppb
Molybdenum	95-1	0.08	0.07	0.18	0.11	56.40	ppb
Molybdenum	96-1	0.11	0.09	0.15	0.12	26.49	ppb
Molybdenum	97-1	0.16	0.17	0.24	0.19	23.75	ppb
Molybdenum	98-1	0.10	0.10	0.16	0.12	29.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.07	0.07	0.06	24.79	ppb
Phosphorus	31-2	-23.26	9.06	-23.26	-12.48		ppb
Potassium	39-2	30.19	48.89	57.72	45.60	30.82	ppb
Rhodium	103-1				93		%
Rhodium	103-2				88		%
Scandium	45-1				73		%
Scandium	45-2				74		%
Selenium	77-2	-2.09	-2.09	-2.09	-2.09		ppb
Selenium	78-2	-0.66	1.24	0.61	0.40	243.78	ppb
Selenium	82-1	-2.22	-1.41	-1.09	-1.58		ppb
Silicon	28-1	-42.51	-41.57	-41.18	-41.75		ppb
Silver	109-1	0.03	0.02	0.02	0.02	29.61	ppb
Silver	107-1	0.01	0.01	0.01	0.01	9.26	ppb
Sodium	23-2	238.94	240.30	270.94	250.06	7.24	ppb
Strontium	86-1	-0.06	-0.05	-0.01	-0.04		ppb
Strontium	88-1	0.01	0.00	0.01	0.00	36.19	ppb
Sulfur	34-1	-4490.04	-3914.24	-4326.94	-4243.74		ppb
Terbium	159-1				97		%
Terbium	159-2				84		%
Thallium	203-1	0.09	0.09	0.06	0.08	22.84	ppb
Thallium	205-1	0.07	0.08	0.08	0.08	10.49	ppb
Tin	118-1	-0.01	-0.01	-0.01	-0.01		ppb
Titanium	47-1	-0.03	-0.03	-0.03	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	180.99	ppb
Vanadium	51-2	0.01	0.04	0.01	0.02	79.96	ppb
Yttrium	89-1				91		%
Yttrium	89-2				80		%
Zinc	66-2	0.35	-0.02	0.16	0.16	115.30	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 17:56:51	DataFile Name :	075CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.01	0.01	69.04	ppb
Zirconium	91-1	0.02	-0.01	0.02	0.01	121.52	ppb

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 12:59:57	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53	68	53	58	15.07	cps
Antimony	121-1	42	92	75	69	36.66	cps
Arsenic	75-2	9	7	2	6	62.47	cps
Barium	135-1	17	33	17	22	43.28	cps
Barium	137-1	42	58	58	53	18.23	cps
Beryllium	9-1	10	0	13	8	89.21	cps
Bismuth	209-1	3682071	3741235	3644250	3689185	1.33	cps
Bismuth	209-2	1570883	1619433	1618826	1603047	1.74	cps
Boron	10-1	1934	1992	2017	1981	2.16	cps
Boron	11-1	9921	9896	10054	9957	0.86	cps
Cadmium	111-1	1197	1264	1279	1247	3.49	cps
Cadmium	106-1	1709	1809	1825	1781	3.54	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	663	607	610	627	5.07	cps
Calcium	44-1	54348	53866	54194	54136	0.45	cps
Chromium	52-2	1607	1507	1473	1529	4.54	cps
Cobalt	59-2	130	110	80	107	23.59	cps
Copper	63-2	360	330	280	323	12.50	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	8	42	19	99.00	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	8	50	58	39	68.89	cps
Gadolinium	160-2	10	3	13	9	57.30	cps
Holmium	165-1	6041662	6082092	5910795	6011516	1.49	cps
Holmium	165-2	2062885	2119084	2207927	2129965	3.43	cps
Indium	115-1	5282223	5360339	5212400	5284987	1.40	cps
Indium	115-2	420637	432112	448550	433766	3.23	cps
Iron	56-2	3339	3128	3445	3304	4.88	cps
Iron	57-2	100	128	61	96	34.78	cps
Krypton	83-1	750	743	767	753	1.59	cps
Lead	206-1	250	167	161	193	25.85	cps
Lead	207-1	161	144	172	159	8.78	cps
Lead	208-1	844	678	683	735	12.88	cps
Lithium	6-1	432816	436884	421760	430487	1.82	cps
Magnesium	24-2	192	333	200	242	32.89	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 12:59:57	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	73	47	73	64	23.88	cps
Molybdenum	94-1	142	167	217	175	21.82	cps
Molybdenum	95-1	50	33	42	42	20.00	cps
Molybdenum	96-1	58	92	75	75	22.22	cps
Molybdenum	97-1	225	175	167	189	16.70	cps
Molybdenum	98-1	50	50	50	50	0.00	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	103	80	88	15.35	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	6227	6068	5868	6054	2.97	cps
Rhodium	103-1	5429113	5467911	5335535	5410853	1.26	cps
Rhodium	103-2	2053170	2117743	2180073	2116995	3.00	cps
Scandium	45-1	3758568	3857771	3710050	3775463	1.99	cps
Scandium	45-2	51374	53184	54764	53107	3.19	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	-133	-119	-119	-123	-6.62	cps
Silicon	28-1	335471	333656	331739	333622	0.56	cps
Silver	109-1	33	67	33	44	43.30	cps
Silver	107-1	92	83	92	89	5.41	cps
Sodium	23-2	15801	15342	15617	15587	1.48	cps
Strontium	86-1	983	933	1008	975	3.92	cps
Strontium	88-1	42	83	50	58	37.80	cps
Sulfur	34-1	432190	433380	427150	430907	0.77	cps
Terbium	159-1	6227362	6305620	6179829	6237604	1.02	cps
Terbium	159-2	2082321	2130485	2244775	2152527	3.88	cps
Thallium	203-1	42	17	25	28	45.82	cps
Thallium	205-1	83	58	33	58	42.86	cps
Tin	118-1	442	367	417	408	9.35	cps
Titanium	47-1	83	142	108	111	26.34	cps
Uranium	238-1	50	17	67	44	57.28	cps
Vanadium	51-2	10	17	13	13	25.01	cps
Yttrium	89-1	5921477	5880765	5800992	5867744	1.04	cps
Yttrium	89-2	327180	337903	351239	338774	3.56	cps
Zinc	66-2	150	120	150	140	12.37	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 12:59:57	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	600	475	450	508	15.81	cps
Zirconium	91-1	92	108	50	83	36.06	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:07:29	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	230	255	245	243	5.17	cps
Antimony	121-1	11122	10129	10546	10599	4.70	cps
Arsenic	75-2	161	169	113	148	20.45	cps
Barium	135-1	11547	10947	11214	11236	2.68	cps
Barium	137-1	19857	18472	18856	19062	3.75	cps
Beryllium	9-1	497	497	537	510	4.53	cps
Bismuth	209-1	3789534	3578175	3766001	3711237	3.12	cps
Bismuth	209-2	1556087	1596360	1612161	1588203	1.82	cps
Boron	10-1	3459	3384	3526	3456	2.05	cps
Boron	11-1	17795	19047	17962	18268	3.72	cps
Cadmium	111-1	2439	2424	2506	2456	1.78	cps
Cadmium	106-1	1775	1859	1800	1811	2.36	cps
Cadmium	108-1	83	75	96	85	12.38	cps
Calcium	43-1	8286	7676	7702	7888	4.37	cps
Calcium	44-1	175088	167622	176144	172951	2.69	cps
Chromium	52-2	3397	3434	3374	3402	0.89	cps
Cobalt	59-2	1944	1990	1904	1946	2.23	cps
Copper	63-2	3380	3397	3324	3367	1.14	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	50	50	47	10.18	cps
Erbium	164-2	0	17	3	7	132.33	cps
Gadolinium	160-1	75	33	50	53	39.74	cps
Gadolinium	160-2	3	3	13	7	86.65	cps
Holmium	165-1	6080768	5774687	5900291	5918582	2.60	cps
Holmium	165-2	2101076	2185816	2132378	2139757	2.00	cps
Indium	115-1	5483123	5114978	5420905	5339669	3.69	cps
Indium	115-2	419660	427021	431884	426189	1.44	cps
Iron	56-2	38453	39774	39685	39304	1.88	cps
Iron	57-2	1017	1028	1172	1072	8.09	cps
Krypton	83-1	710	733	740	728	2.16	cps
Lead	206-1	2895	3000	3034	2976	2.44	cps
Lead	207-1	2667	2473	2678	2606	4.44	cps
Lead	208-1	12492	11736	12642	12290	3.95	cps
Lithium	6-1	432540	405513	421856	419969	3.24	cps
Magnesium	24-2	17779	18438	18697	18304	2.59	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:07:29	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	357	320	473	383	20.89	cps
Molybdenum	94-1	10813	9971	11280	10688	6.21	cps
Molybdenum	95-1	13149	12615	12857	12873	2.08	cps
Molybdenum	96-1	14417	14392	13841	14216	2.29	cps
Molybdenum	97-1	8186	8028	8311	8175	1.74	cps
Molybdenum	98-1	20166	19073	20258	19832	3.32	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	700	623	633	652	6.39	cps
Phosphorus	31-2	25	33	17	25	33.32	cps
Potassium	39-2	16118	17069	16427	16538	2.93	cps
Rhodium	103-1	5595208	5263806	5402386	5420467	3.07	cps
Rhodium	103-2	2058460	2146857	2141835	2115717	2.35	cps
Scandium	45-1	3831519	3647994	3859689	3779734	3.04	cps
Scandium	45-2	50651	51959	52214	51608	1.62	cps
Selenium	77-2	23	3	3	10	115.51	cps
Selenium	78-2	17	24	31	24	30.76	cps
Selenium	82-1	349	288	375	337	13.29	cps
Silicon	28-1	328033	324201	330118	327451	0.92	cps
Silver	109-1	6360	5860	6218	6146	4.19	cps
Silver	107-1	6852	6093	6285	6410	6.15	cps
Sodium	23-2	52666	54505	53786	53652	1.73	cps
Strontium	86-1	2575	2234	2542	2450	7.69	cps
Strontium	88-1	13674	12798	12823	13099	3.81	cps
Sulfur	34-1	435880	430982	440396	435753	1.08	cps
Terbium	159-1	6282241	6006876	6215629	6168249	2.33	cps
Terbium	159-2	2094652	2174372	2148081	2139035	1.90	cps
Thallium	203-1	3567	3309	3601	3492	4.57	cps
Thallium	205-1	8153	8236	8278	8223	0.77	cps
Tin	118-1	20249	18931	19407	19529	3.42	cps
Titanium	47-1	3826	3792	4009	3876	3.01	cps
Uranium	238-1	11055	10605	10688	10783	2.22	cps
Vanadium	51-2	3414	3774	3554	3581	5.07	cps
Yttrium	89-1	6010509	5643172	5943493	5865725	3.34	cps
Yttrium	89-2	324239	332585	336428	331084	1.88	cps
Zinc	66-2	530	570	493	531	7.22	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:07:29	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9187	8603	9153	8981	3.65	cps
Zirconium	91-1	2075	2100	2184	2120	2.68	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:11:17	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9330	8582	8970	8961	4.18	cps
Antimony	121-1	300356	294352	291386	295365	1.55	cps
Arsenic	75-2	6641	6290	6465	6465	2.71	cps
Barium	135-1	300948	289756	294156	294953	1.91	cps
Barium	137-1	521645	511118	504435	512399	1.69	cps
Beryllium	9-1	30573	30733	29066	30124	3.05	cps
Bismuth	209-1	3832226	3602579	3677673	3704159	3.16	cps
Bismuth	209-2	1608945	1568313	1596117	1591125	1.31	cps
Boron	10-1	5201	5068	5168	5146	1.35	cps
Boron	11-1	28688	28463	26717	27956	3.86	cps
Cadmium	111-1	72843	70640	69159	70880	2.62	cps
Cadmium	106-1	8845	8753	8503	8700	2.03	cps
Cadmium	108-1	5080	4922	4964	4989	1.65	cps
Calcium	43-1	82922	80807	78916	80882	2.48	cps
Calcium	44-1	1400660	1378764	1321862	1367095	2.98	cps
Chromium	52-2	53519	51906	51271	52232	2.22	cps
Cobalt	59-2	100513	96022	98260	98265	2.28	cps
Copper	63-2	174043	168141	168827	170337	1.89	cps
Dysprosium	156-1	42	25	25	31	31.50	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	25	42	31	31.50	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	75	25	33	44	60.28	cps
Gadolinium	160-2	10	30	13	18	60.28	cps
Holmium	165-1	6091417	5880704	5786368	5919496	2.64	cps
Holmium	165-2	2180037	2126866	2182114	2163006	1.45	cps
Indium	115-1	5463423	5311847	5260498	5345256	1.97	cps
Indium	115-2	428503	418513	423501	423506	1.18	cps
Iron	56-2	1897416	1836012	1911110	1881513	2.13	cps
Iron	57-2	45965	45124	46138	45742	1.19	cps
Krypton	83-1	727	770	690	729	5.49	cps
Lead	206-1	160547	158074	153348	157323	2.33	cps
Lead	207-1	143912	141738	141767	142472	0.88	cps
Lead	208-1	654025	637084	632304	641137	1.78	cps
Lithium	6-1	436862	427979	415711	426851	2.49	cps
Magnesium	24-2	199827	193241	196212	196427	1.68	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:11:17	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33634	31716	32872	32741	2.95	cps
Molybdenum	94-1	555995	539663	535957	543872	1.96	cps
Molybdenum	95-1	678744	663925	651386	664685	2.06	cps
Molybdenum	96-1	758748	744058	731559	744788	1.83	cps
Molybdenum	97-1	431233	416356	417783	421791	1.95	cps
Molybdenum	98-1	1096870	1057510	1049722	1068034	2.37	cps
Neodymium	150-1	27	7	13	16	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	29972	29178	29856	29668	1.45	cps
Phosphorus	31-2	758	583	733	692	13.68	cps
Potassium	39-2	63980	64122	64825	64309	0.70	cps
Rhodium	103-1	5569450	5369767	5264032	5401083	2.87	cps
Rhodium	103-2	2122524	2063208	2102801	2096177	1.44	cps
Scandium	45-1	3868013	3728446	3728938	3775133	2.13	cps
Scandium	45-2	53234	49637	51133	51335	3.52	cps
Selenium	77-2	40	47	70	52	30.16	cps
Selenium	78-2	194	150	202	182	15.40	cps
Selenium	82-1	4784	4483	4607	4625	3.28	cps
Silicon	28-1	491773	481821	488617	487404	1.04	cps
Silver	109-1	326802	320100	316923	321275	1.57	cps
Silver	107-1	345697	338938	332197	338944	1.99	cps
Sodium	23-2	438776	423338	426010	429375	1.92	cps
Strontium	86-1	86348	84184	82650	84394	2.20	cps
Strontium	88-1	737115	708381	710317	718604	2.23	cps
Sulfur	34-1	469774	466543	467222	467846	0.36	cps
Terbium	159-1	6309196	6203796	6113716	6208903	1.58	cps
Terbium	159-2	2184371	2156517	2171377	2170755	0.64	cps
Thallium	203-1	197421	190757	190833	193003	1.98	cps
Thallium	205-1	474579	458934	452394	461969	2.47	cps
Tin	118-1	209366	202604	199542	203838	2.47	cps
Titanium	47-1	197503	191123	191080	193235	1.91	cps
Uranium	238-1	614189	600166	596858	603738	1.52	cps
Vanadium	51-2	36541	35468	36164	36058	1.51	cps
Yttrium	89-1	5985843	5757146	5704762	5815917	2.57	cps
Yttrium	89-2	336721	322560	332715	330666	2.21	cps
Zinc	66-2	19340	18102	18946	18796	3.37	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:11:17	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	465684	450402	449984	455357	1.96	cps
Zirconium	91-1	101612	99362	97540	99505	2.05	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-26 13:15:04 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23032	22849	22772	22884	0.58	cps
Antimony	121-1	783809	782875	777342	781342	0.45	cps
Arsenic	75-2	16745	16464	16862	16690	1.23	cps
Barium	135-1	784690	779932	768646	777756	1.06	cps
Barium	137-1	1361644	1351601	1345546	1352931	0.60	cps
Beryllium	9-1	80091	79716	79367	79725	0.45	cps
Bismuth	209-1	4018967	3952730	3942859	3971519	1.04	cps
Bismuth	209-2	1693939	1732371	1712425	1712911	1.12	cps
Boron	10-1	11630	12022	11847	11833	1.66	cps
Boron	11-1	60295	58613	61040	59983	2.07	cps
Cadmium	111-1	185540	183543	182040	183707	0.96	cps
Cadmium	106-1	19957	20266	20441	20222	1.21	cps
Cadmium	108-1	12773	13449	12977	13066	2.65	cps
Calcium	43-1	207080	211883	209277	209413	1.15	cps
Calcium	44-1	3450289	3436770	3478949	3455336	0.62	cps
Chromium	52-2	131766	131423	132180	131790	0.29	cps
Cobalt	59-2	257646	254883	255851	256127	0.55	cps
Copper	63-2	442148	438054	440886	440363	0.48	cps
Dysprosium	156-1	33	25	33	31	15.74	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	33	17	25	25	33.32	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	50	67	117	78	44.61	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	6458967	6380254	6271572	6370264	1.48	cps
Holmium	165-2	2290805	2338206	2298929	2309314	1.10	cps
Indium	115-1	5698189	5585258	5544538	5609328	1.42	cps
Indium	115-2	449074	449819	446614	448502	0.37	cps
Iron	56-2	4760679	4760900	4718945	4746842	0.51	cps
Iron	57-2	118332	120286	120293	119637	0.94	cps
Krypton	83-1	670	783	717	723	7.87	cps
Lead	206-1	415260	412239	418885	415461	0.80	cps
Lead	207-1	378388	374462	378341	377064	0.60	cps
Lead	208-1	1698728	1691547	1702138	1697471	0.32	cps
Lithium	6-1	454357	450987	447474	450939	0.76	cps
Magnesium	24-2	506264	509041	512493	509266	0.61	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:15:04	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83558	84617	84598	84258	0.72	cps
Molybdenum	94-1	1476385	1435865	1424662	1445637	1.88	cps
Molybdenum	95-1	1774274	1755699	1765718	1765230	0.53	cps
Molybdenum	96-1	1989446	1977992	1962586	1976675	0.68	cps
Molybdenum	97-1	1094986	1087770	1103063	1095273	0.70	cps
Molybdenum	98-1	2806603	2820293	2844965	2823954	0.69	cps
Neodymium	150-1	53	40	27	40	33.33	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	76428	77290	76086	76601	0.81	cps
Phosphorus	31-2	1584	1784	1850	1739	7.98	cps
Potassium	39-2	155837	155550	157025	156137	0.50	cps
Rhodium	103-1	5680033	5628464	5660168	5656221	0.46	cps
Rhodium	103-2	2228293	2236320	2229048	2231220	0.20	cps
Scandium	45-1	3974203	3975678	3914053	3954645	0.89	cps
Scandium	45-2	53853	54351	53211	53805	1.06	cps
Selenium	77-2	117	160	140	139	15.61	cps
Selenium	78-2	430	459	461	450	3.93	cps
Selenium	82-1	12347	11962	12102	12137	1.61	cps
Silicon	28-1	802405	811501	812988	808965	0.71	cps
Silver	109-1	838201	844489	843052	841914	0.39	cps
Silver	107-1	874135	882140	882861	879712	0.55	cps
Sodium	23-2	1104456	1079075	1092388	1091973	1.16	cps
Strontium	86-1	220598	220156	220226	220327	0.11	cps
Strontium	88-1	1927392	1904603	1889854	1907283	0.99	cps
Sulfur	34-1	505980	507106	501296	504794	0.61	cps
Terbium	159-1	6658133	6542858	6621127	6607373	0.89	cps
Terbium	159-2	2298212	2305213	2305367	2302931	0.18	cps
Thallium	203-1	522556	516873	516967	518799	0.63	cps
Thallium	205-1	1236275	1229022	1236314	1233871	0.34	cps
Tin	118-1	536636	542037	533549	537407	0.80	cps
Titanium	47-1	504735	508470	504459	505888	0.44	cps
Uranium	238-1	1605297	1606024	1597746	1603022	0.29	cps
Vanadium	51-2	93543	93570	92717	93277	0.52	cps
Yttrium	89-1	6192737	6200228	6101364	6164776	0.89	cps
Yttrium	89-2	346791	348070	349057	347973	0.33	cps
Zinc	66-2	49040	47983	48856	48626	1.16	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:15:04	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1197952	1198936	1199977	1198955	0.08	cps
Zirconium	91-1	265290	263243	260560	263031	0.90	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-26 13:18:46 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46796	45996	45943	46245	1.03	cps
Antimony	121-1	1599851	1634946	1593926	1609574	1.38	cps
Arsenic	75-2	33658	33661	33788	33702	0.22	cps
Barium	135-1	1562376	1587252	1565159	1571596	0.87	cps
Barium	137-1	2785414	2835924	2781647	2800995	1.08	cps
Beryllium	9-1	159365	159800	160692	159952	0.42	cps
Bismuth	209-1	3937590	4031187	4210394	4059724	3.41	cps
Bismuth	209-2	1629164	1673581	1680314	1661019	1.67	cps
Boron	10-1	21650	21534	21826	21670	0.68	cps
Boron	11-1	112507	112003	112222	112244	0.23	cps
Cadmium	111-1	371985	367629	374023	371212	0.88	cps
Cadmium	106-1	39685	39684	40010	39793	0.47	cps
Cadmium	108-1	26034	26627	26021	26227	1.32	cps
Calcium	43-1	423979	421930	422620	422843	0.25	cps
Calcium	44-1	6786050	6813868	6779312	6793077	0.27	cps
Chromium	52-2	263849	263634	263318	263601	0.10	cps
Cobalt	59-2	511650	508225	507818	509231	0.41	cps
Copper	63-2	884360	881856	879297	881838	0.29	cps
Dysprosium	156-1	25	33	42	33	25.01	cps
Dysprosium	156-2	13	3	3	7	86.65	cps
Erbium	164-1	25	17	33	25	33.32	cps
Erbium	164-2	13	10	10	11	17.30	cps
Gadolinium	160-1	33	67	67	56	34.65	cps
Gadolinium	160-2	20	17	30	22	31.22	cps
Holmium	165-1	6274315	6470681	6608232	6451076	2.60	cps
Holmium	165-2	2222865	2286320	2304886	2271357	1.89	cps
Indium	115-1	5620769	5638852	5874949	5711523	2.48	cps
Indium	115-2	423445	436383	447800	435876	2.80	cps
Iron	56-2	9493237	9412076	9454373	9453228	0.43	cps
Iron	57-2	239598	236798	237088	237828	0.65	cps
Krypton	83-1	767	740	720	742	3.15	cps
Lead	206-1	851007	851303	841263	847858	0.67	cps
Lead	207-1	770710	779080	771962	773917	0.58	cps
Lead	208-1	3486262	3509651	3514649	3503521	0.43	cps
Lithium	6-1	448681	452431	457493	452868	0.98	cps
Magnesium	24-2	1014309	1014084	1023275	1017223	0.52	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:18:46	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	171748	169703	169784	170412	0.68	cps
Molybdenum	94-1	2938278	2991263	2925666	2951736	1.18	cps
Molybdenum	95-1	3577801	3593049	3542413	3571087	0.73	cps
Molybdenum	96-1	3994680	4000603	3975063	3990115	0.34	cps
Molybdenum	97-1	2255523	2209183	2228873	2231193	1.04	cps
Molybdenum	98-1	5653221	5649499	5575725	5626148	0.78	cps
Neodymium	150-1	47	80	113	80	41.67	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	154979	152457	152458	153298	0.95	cps
Phosphorus	31-2	3476	3342	3901	3573	8.16	cps
Potassium	39-2	302823	305298	304240	304120	0.41	cps
Rhodium	103-1	5475113	5624133	5840773	5646673	3.26	cps
Rhodium	103-2	2102050	2161384	2223320	2162251	2.80	cps
Scandium	45-1	3904543	3942117	4142651	3996437	3.20	cps
Scandium	45-2	50698	51752	54472	52307	3.72	cps
Selenium	77-2	303	230	270	268	13.71	cps
Selenium	78-2	904	1011	913	943	6.31	cps
Selenium	82-1	24712	24691	25135	24846	1.01	cps
Silicon	28-1	1208942	1233357	1244807	1229035	1.49	cps
Silver	109-1	1732386	1719516	1713538	1721813	0.56	cps
Silver	107-1	1775173	1794473	1825052	1798232	1.40	cps
Sodium	23-2	2195294	2196699	2197909	2196634	0.06	cps
Strontium	86-1	439541	446504	443070	443038	0.79	cps
Strontium	88-1	3808046	3830902	3831811	3823587	0.35	cps
Sulfur	34-1	561567	550517	554291	555458	1.01	cps
Terbium	159-1	6568988	6762224	6992455	6774556	3.13	cps
Terbium	159-2	2232462	2277883	2335129	2281825	2.25	cps
Thallium	203-1	1050017	1057346	1056210	1054524	0.37	cps
Thallium	205-1	2558404	2571913	2553787	2561368	0.37	cps
Tin	118-1	1101918	1102099	1110352	1104790	0.44	cps
Titanium	47-1	1018654	1009348	1008549	1012184	0.56	cps
Uranium	238-1	3327912	3335257	3338247	3333805	0.16	cps
Vanadium	51-2	186149	187878	186331	186786	0.51	cps
Yttrium	89-1	6036751	6233970	6440694	6237139	3.24	cps
Yttrium	89-2	331707	342446	353256	342470	3.15	cps
Zinc	66-2	96600	96855	95634	96363	0.67	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:18:46	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2463650	2441827	2425969	2443815	0.77	cps
Zirconium	91-1	535968	527508	525928	529801	1.02	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:22:20	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90601	90387	91816	90934	0.85	cps
Antimony	121-1	3269706	3298558	3342334	3303533	1.11	cps
Arsenic	75-2	67214	67557	67685	67485	0.36	cps
Barium	135-1	3229836	3217721	3291815	3246457	1.22	cps
Barium	137-1	5568852	5611036	5680977	5620289	1.01	cps
Beryllium	9-1	327242	327657	328848	327916	0.25	cps
Bismuth	209-1	4140020	4119956	4141856	4133944	0.29	cps
Bismuth	209-2	1954941	1726277	1594405	1758541	10.37	cps
Boron	10-1	43233	43634	44487	43785	1.46	cps
Boron	11-1	226720	226628	230911	228086	1.07	cps
Cadmium	111-1	747158	753677	754465	751767	0.53	cps
Cadmium	106-1	79551	79268	79400	79406	0.18	cps
Cadmium	108-1	54058	52339	53105	53167	1.62	cps
Calcium	43-1	850168	851962	855071	852400	0.29	cps
Calcium	44-1	13663280	13739111	13780247	13727546	0.43	cps
Chromium	52-2	521502	519840	522590	521311	0.27	cps
Cobalt	59-2	1004720	1005220	1018190	1009377	0.76	cps
Copper	63-2	1734666	1759116	1764589	1752790	0.91	cps
Dysprosium	156-1	33	42	67	47	36.74	cps
Dysprosium	156-2	0	3	13	6	124.93	cps
Erbium	164-1	50	25	8	28	75.51	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	58	83	67	69	18.33	cps
Gadolinium	160-2	20	13	20	18	21.66	cps
Holmium	165-1	6541433	6621590	6601703	6588242	0.63	cps
Holmium	165-2	2602633	2357078	2174423	2378045	9.04	cps
Indium	115-1	5611335	5747996	5785121	5714818	1.60	cps
Indium	115-2	486077	437285	403897	442420	9.34	cps
Iron	56-2	18775762	18636971	18768503	18727079	0.42	cps
Iron	57-2	469728	471807	475298	472277	0.60	cps
Krypton	83-1	793	743	757	764	3.39	cps
Lead	206-1	1770986	1748763	1749957	1756569	0.71	cps
Lead	207-1	1594910	1575798	1598644	1589784	0.77	cps
Lead	208-1	7240289	7189558	7232555	7220800	0.38	cps
Lithium	6-1	463213	468191	460702	464035	0.82	cps
Magnesium	24-2	2029284	2068681	2083637	2060534	1.36	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:22:20	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	337593	335161	338785	337180	0.55	cps
Molybdenum	94-1	5873981	5972518	5932860	5926453	0.84	cps
Molybdenum	95-1	7146636	7294589	7229663	7223629	1.03	cps
Molybdenum	96-1	8031015	8169592	8112791	8104466	0.86	cps
Molybdenum	97-1	4460677	4569985	4522003	4517555	1.21	cps
Molybdenum	98-1	11438465	11587525	11550065	11525352	0.67	cps
Neodymium	150-1	127	107	93	109	15.41	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	299247	298712	303319	300426	0.84	cps
Phosphorus	31-2	6844	7828	7427	7366	6.72	cps
Potassium	39-2	603954	594485	601438	599959	0.82	cps
Rhodium	103-1	5644935	5754903	5585900	5661913	1.51	cps
Rhodium	103-2	2374371	2147879	2022710	2181653	8.17	cps
Scandium	45-1	4052636	4030551	4011892	4031693	0.51	cps
Scandium	45-2	59165	53354	49320	53946	9.17	cps
Selenium	77-2	560	527	563	550	3.69	cps
Selenium	78-2	1822	1852	1891	1855	1.85	cps
Selenium	82-1	49846	50454	49464	49921	1.00	cps
Silicon	28-1	2170702	2198827	2209421	2192983	0.91	cps
Silver	109-1	3446409	3479381	3503626	3476472	0.83	cps
Silver	107-1	3657887	3626677	3649302	3644622	0.44	cps
Sodium	23-2	4226512	4216034	4236092	4226213	0.24	cps
Strontium	86-1	896072	900794	901602	899489	0.33	cps
Strontium	88-1	7709784	7736460	7609822	7685355	0.87	cps
Sulfur	34-1	673489	668033	666966	669496	0.52	cps
Terbium	159-1	6814913	6882459	6910161	6869177	0.71	cps
Terbium	159-2	2602679	2378196	2197222	2392699	8.49	cps
Thallium	203-1	2171301	2199912	2221275	2197496	1.14	cps
Thallium	205-1	5201198	5146830	5232386	5193471	0.83	cps
Tin	118-1	2269721	2252689	2275269	2265893	0.52	cps
Titanium	47-1	2096215	2113611	2084056	2097961	0.71	cps
Uranium	238-1	6739506	6838893	6908992	6829130	1.25	cps
Vanadium	51-2	376411	369223	375670	373768	1.06	cps
Yttrium	89-1	6309813	6284619	6248522	6280985	0.49	cps
Yttrium	89-2	381642	343426	316838	347302	9.38	cps
Zinc	66-2	191840	190053	194149	192014	1.07	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:22:20	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4896436	5000172	4932262	4942957	1.07	cps
Zirconium	91-1	1072523	1087679	1088293	1082832	0.82	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-26 13:25:50 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	178549	177929	179283	178587	0.38	cps
Antimony	121-1	6609842	6576869	6610433	6599048	0.29	cps
Arsenic	75-2	134196	134929	134549	134558	0.27	cps
Barium	135-1	6534338	6517915	6559823	6537359	0.32	cps
Barium	137-1	11383883	11352164	11371117	11369055	0.14	cps
Beryllium	9-1	648442	642233	648378	646351	0.55	cps
Bismuth	209-1	4128933	4226572	4230947	4195484	1.37	cps
Bismuth	209-2	1780881	1705725	1780971	1755859	2.47	cps
Boron	10-1	85247	84734	87335	85772	1.61	cps
Boron	11-1	442362	445825	448383	445523	0.68	cps
Cadmium	111-1	1516269	1517038	1515670	1516326	0.05	cps
Cadmium	106-1	158650	158455	157663	158256	0.33	cps
Cadmium	108-1	106743	107411	107713	107289	0.46	cps
Calcium	43-1	1726183	1768444	1780158	1758261	1.61	cps
Calcium	44-1	27484083	28046492	27666757	27732444	1.03	cps
Chromium	52-2	1023900	1029741	1028366	1027336	0.30	cps
Cobalt	59-2	1994857	2022215	2014993	2010688	0.71	cps
Copper	63-2	3380171	3377264	3376887	3378107	0.05	cps
Dysprosium	156-1	67	125	133	108	33.53	cps
Dysprosium	156-2	0	10	10	7	86.60	cps
Erbium	164-1	58	42	42	47	20.38	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	33	42	42	39	12.38	cps
Gadolinium	160-2	13	17	3	11	62.48	cps
Holmium	165-1	6809629	6810950	6861960	6827513	0.44	cps
Holmium	165-2	2385557	2357578	2415886	2386340	1.22	cps
Indium	115-1	5747103	5770691	5748561	5755452	0.23	cps
Indium	115-2	435743	426574	437257	433191	1.33	cps
Iron	56-2	37063361	37332406	36891824	37095864	0.60	cps
Iron	57-2	932820	938677	938194	936564	0.35	cps
Krypton	83-1	660	707	763	710	7.29	cps
Lead	206-1	3585227	3630251	3645572	3620350	0.87	cps
Lead	207-1	3293276	3305427	3370114	3322939	1.24	cps
Lead	208-1	14546660	14734586	14842179	14707808	1.02	cps
Lithium	6-1	460548	469488	464326	464787	0.97	cps
Magnesium	24-2	3951023	3932753	3934750	3939509	0.25	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:25:50	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	662848	667551	665193	665198	0.35	cps
Molybdenum	94-1	11925867	11862059	11974215	11920714	0.47	cps
Molybdenum	95-1	14701027	14570430	14632995	14634818	0.45	cps
Molybdenum	96-1	16214259	16406842	16341757	16320953	0.60	cps
Molybdenum	97-1	8975187	9114437	9140493	9076706	0.98	cps
Molybdenum	98-1	23289357	23340548	23305269	23311725	0.11	cps
Neodymium	150-1	233	193	233	220	10.50	cps
Neodymium	150-2	7	7	27	13	86.58	cps
Nickel	60-2	591198	587600	590907	589902	0.34	cps
Phosphorus	31-2	13123	13165	13265	13184	0.55	cps
Potassium	39-2	1172871	1160184	1172900	1168652	0.63	cps
Rhodium	103-1	5659543	5680421	5703560	5681175	0.39	cps
Rhodium	103-2	2185317	2137738	2178763	2167273	1.19	cps
Scandium	45-1	4091123	4109406	4069452	4089994	0.49	cps
Scandium	45-2	53006	52836	52883	52908	0.17	cps
Selenium	77-2	1030	1070	1230	1110	9.53	cps
Selenium	78-2	3904	3704	3776	3795	2.67	cps
Selenium	82-1	100595	101094	101184	100958	0.31	cps
Silicon	28-1	3574388	3550606	3645568	3590187	1.38	cps
Silver	109-1	6846804	6852731	6843466	6847667	0.07	cps
Silver	107-1	7214317	7267317	7200399	7227345	0.49	cps
Sodium	23-2	8317664	8330655	8305133	8317817	0.15	cps
Strontium	86-1	1871317	1863263	1870905	1868495	0.24	cps
Strontium	88-1	15645535	15623149	15558716	15609133	0.29	cps
Sulfur	34-1	888003	890612	883637	887417	0.40	cps
Terbium	159-1	7058187	7050214	7030539	7046313	0.20	cps
Terbium	159-2	2384060	2355537	2366587	2368728	0.61	cps
Thallium	203-1	4438369	4496646	4479758	4471591	0.67	cps
Thallium	205-1	10411135	10425646	10573945	10470242	0.86	cps
Tin	118-1	4503330	4507064	4540540	4516978	0.45	cps
Titanium	47-1	4148726	4201180	4153231	4167712	0.70	cps
Uranium	238-1	13931069	14203022	13834264	13989452	1.37	cps
Vanadium	51-2	739438	739018	737996	738817	0.10	cps
Yttrium	89-1	6290853	6490864	6461690	6414469	1.68	cps
Yttrium	89-2	342920	345116	346824	344953	0.57	cps
Zinc	66-2	374576	374873	375682	375044	0.15	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:25:50	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9898008	10051423	9885801	9945077	0.93	cps
Zirconium	91-1	2210328	2221710	2198729	2210256	0.52	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:29:14	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	933748	939441	943933	939040	0.54	cps
Antimony	121-1	7878	8745	9345	8656	8.52	cps
Arsenic	75-2	209	206	211	209	1.35	cps
Barium	135-1	808	900	775	828	7.82	cps
Barium	137-1	1667	1584	1617	1622	2.59	cps
Beryllium	9-1	97	83	83	88	8.77	cps
Bismuth	209-1	3813712	3708157	3805390	3775753	1.55	cps
Bismuth	209-2	1572888	1576666	1564899	1571484	0.38	cps
Boron	10-1	2675	2475	2559	2570	3.91	cps
Boron	11-1	14174	13432	13148	13585	3.90	cps
Cadmium	111-1	1320	1618	1421	1453	10.43	cps
Cadmium	106-1	1692	2142	1784	1872	12.70	cps
Cadmium	108-1	21	33	33	29	24.75	cps
Calcium	43-1	8622831	8726776	8540639	8630082	1.08	cps
Calcium	44-1	139144078	139167645	138126258	138812660	0.43	cps
Chromium	52-2	16974	17545	17521	17347	1.86	cps
Cobalt	59-2	24285	24151	24528	24321	0.79	cps
Copper	63-2	5044	5104	5178	5109	1.31	cps
Dysprosium	156-1	42	58	50	50	16.67	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	7	10	17	11	45.82	cps
Gadolinium	160-1	117	117	92	108	13.32	cps
Gadolinium	160-2	17	13	27	19	36.75	cps
Holmium	165-1	6438603	6417528	6407058	6421063	0.25	cps
Holmium	165-2	2316738	2293103	2280340	2296727	0.80	cps
Indium	115-1	5499795	5425326	5526411	5483844	0.96	cps
Indium	115-2	434354	437150	431028	434178	0.71	cps
Iron	56-2	184606010	184720854	184808304	184711723	0.05	cps
Iron	57-2	4705144	4665482	4623973	4664866	0.87	cps
Krypton	83-1	753	770	767	763	1.15	cps
Lead	206-1	4462	4990	4551	4668	6.06	cps
Lead	207-1	4001	4256	4017	4092	3.50	cps
Lead	208-1	18389	19529	18767	18895	3.07	cps
Lithium	6-1	424064	427354	426464	425961	0.40	cps
Magnesium	24-2	18874585	18852073	18850590	18859083	0.07	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:29:14	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3777	3787	4007	3857	3.37	cps
Molybdenum	94-1	7611	7652	7661	7641	0.35	cps
Molybdenum	95-1	10338	10021	9829	10063	2.55	cps
Molybdenum	96-1	12314	12832	12440	12529	2.15	cps
Molybdenum	97-1	6594	6585	6402	6527	1.66	cps
Molybdenum	98-1	16469	16452	16052	16324	1.45	cps
Neodymium	150-1	147	127	93	122	22.04	cps
Neodymium	150-2	23	33	20	26	27.15	cps
Nickel	60-2	11548	11308	11261	11373	1.35	cps
Phosphorus	31-2	25	17	0	14	91.65	cps
Potassium	39-2	6032727	6136599	6049200	6072842	0.92	cps
Rhodium	103-1	5342587	5281667	5341661	5321971	0.66	cps
Rhodium	103-2	2075609	2068430	2082893	2075644	0.35	cps
Scandium	45-1	3957010	3912586	3999756	3956451	1.10	cps
Scandium	45-2	53900	54920	54271	54364	0.95	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	6	4	0	3	91.69	cps
Selenium	82-1	27	-112	-23	-36	-194.33	cps
Silicon	28-1	994381	1032514	1055423	1027439	3.00	cps
Silver	109-1	542	558	558	553	1.74	cps
Silver	107-1	725	517	692	644	17.37	cps
Sodium	23-2	42277619	42395755	41780744	42151372	0.77	cps
Strontium	86-1	8503	8920	9012	8812	3.08	cps
Strontium	88-1	68933	68816	67342	68364	1.30	cps
Sulfur	34-1	419914	422589	423305	421936	0.42	cps
Terbium	159-1	6674079	6633015	6642814	6649969	0.32	cps
Terbium	159-2	2296096	2285039	2310288	2297141	0.55	cps
Thallium	203-1	1884	1550	1450	1628	13.94	cps
Thallium	205-1	3926	3867	3651	3815	3.80	cps
Tin	118-1	3892	3759	3626	3759	3.55	cps
Titanium	47-1	1200	1225	1142	1189	3.60	cps
Uranium	238-1	775	700	892	789	12.24	cps
Vanadium	51-2	133	180	167	160	15.02	cps
Yttrium	89-1	6173018	6131157	6164391	6156188	0.36	cps
Yttrium	89-2	351663	352576	353265	352501	0.23	cps
Zinc	66-2	3847	3777	3834	3819	0.97	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:29:14	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3942	3967	4318	4076	5.15	cps
Zirconium	91-1	883	1100	900	961	12.54	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-26 13:35:08 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4827	4922	4882	4877	0.98	cps
Antimony	121-1	1210853	1204495	1209915	1208421	0.28	cps
Arsenic	75-2	26372	26783	25711	26289	2.06	cps
Barium	135-1	120049	121496	122008	121184	0.84	cps
Barium	137-1	212864	211327	210771	211654	0.51	cps
Beryllium	9-1	55949	57217	57387	56851	1.38	cps
Bismuth	209-1	3849405	3913961	3920828	3894731	1.01	cps
Bismuth	209-2	1665953	1674223	1657155	1665777	0.51	cps
Boron	10-1	1208	1108	1017	1111	8.63	cps
Boron	11-1	5935	6127	6027	6029	1.59	cps
Cadmium	111-1	142472	143481	145458	143804	1.06	cps
Cadmium	106-1	14125	15051	14926	14700	3.42	cps
Cadmium	108-1	9383	9378	8962	9241	2.62	cps
Calcium	43-1	33477	33189	33393	33353	0.44	cps
Calcium	44-1	606618	606573	607304	606832	0.07	cps
Chromium	52-2	102045	102183	102334	102187	0.14	cps
Cobalt	59-2	203779	201218	202759	202585	0.64	cps
Copper	63-2	175993	175287	173859	175046	0.62	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	75	50	25	50	50.00	cps
Erbium	164-2	30	27	30	29	6.65	cps
Gadolinium	160-1	33	67	58	53	32.88	cps
Gadolinium	160-2	0	20	37	19	97.20	cps
Holmium	165-1	6339848	6167443	6227280	6244857	1.40	cps
Holmium	165-2	2284289	2274332	2249142	2269254	0.80	cps
Indium	115-1	5566321	5579711	5733445	5626492	1.65	cps
Indium	115-2	445508	446154	442934	444865	0.38	cps
Iron	56-2	750726	748638	744123	747829	0.45	cps
Iron	57-2	19436	18502	18591	18843	2.74	cps
Krypton	83-1	727	850	657	744	13.15	cps
Lead	206-1	660733	653869	656131	656911	0.53	cps
Lead	207-1	569382	574331	582769	575494	1.18	cps
Lead	208-1	2629437	2625211	2647407	2634018	0.45	cps
Lithium	6-1	407537	410594	409769	409300	0.39	cps
Magnesium	24-2	46017	45056	44746	45273	1.46	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:35:08	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33086	32234	32177	32499	1.57	cps
Molybdenum	94-1	408	342	400	383	9.48	cps
Molybdenum	95-1	375	242	258	292	24.92	cps
Molybdenum	96-1	425	425	367	406	8.31	cps
Molybdenum	97-1	242	258	275	258	6.45	cps
Molybdenum	98-1	433	325	358	372	14.91	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	60956	61267	60551	60925	0.59	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	54523	53938	52566	53676	1.87	cps
Rhodium	103-1	5585997	5629250	5625716	5613655	0.43	cps
Rhodium	103-2	2248979	2260901	2235137	2248339	0.57	cps
Scandium	45-1	3812016	3898791	3861700	3857502	1.13	cps
Scandium	45-2	54258	53294	52999	53517	1.23	cps
Selenium	77-2	170	207	230	202	14.96	cps
Selenium	78-2	732	774	750	752	2.84	cps
Selenium	82-1	19472	18984	19557	19338	1.60	cps
Silicon	28-1	281882	282098	279952	281311	0.42	cps
Silver	109-1	657718	654438	666273	659476	0.93	cps
Silver	107-1	702694	686294	693892	694293	1.18	cps
Sodium	23-2	191143	188358	189402	189634	0.74	cps
Strontium	86-1	4993	4709	4843	4848	2.93	cps
Strontium	88-1	35589	34971	34319	34960	1.82	cps
Sulfur	34-1	420589	412449	411920	414986	1.17	cps
Terbium	159-1	6305951	6432741	6570462	6436384	2.06	cps
Terbium	159-2	2279373	2289893	2315949	2295072	0.82	cps
Thallium	203-1	840168	823527	822609	828768	1.19	cps
Thallium	205-1	2045551	1982149	2006260	2011320	1.59	cps
Tin	118-1	350	425	425	400	10.83	cps
Titanium	47-1	275	283	133	231	36.56	cps
Uranium	238-1	500	367	283	383	28.51	cps
Vanadium	51-2	73200	72842	72141	72728	0.74	cps
Yttrium	89-1	6058485	6026957	6093604	6059682	0.55	cps
Yttrium	89-2	351792	346448	342688	346976	1.32	cps
Zinc	66-2	38671	38236	38279	38395	0.62	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:35:08	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	717	575	500	597	18.42	cps
Zirconium	91-1	200	267	258	242	15.03	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:44:19	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	208	200	203	2.14	cps
Antimony	121-1	12198	11597	11989	11928	2.56	cps
Arsenic	75-2	113	117	131	120	8.14	cps
Barium	135-1	11264	11247	11764	11425	2.57	cps
Barium	137-1	20166	21260	19607	20344	4.13	cps
Beryllium	9-1	507	563	543	538	5.34	cps
Bismuth	209-1	3885790	3896997	3839796	3874194	0.78	cps
Bismuth	209-2	1642449	1665164	1656624	1654746	0.69	cps
Boron	10-1	2425	2442	2509	2459	1.79	cps
Boron	11-1	13240	12798	12831	12956	1.90	cps
Cadmium	111-1	2692	2314	2488	2498	7.57	cps
Cadmium	106-1	2025	1642	1909	1859	10.58	cps
Cadmium	108-1	96	133	104	111	17.72	cps
Calcium	43-1	8259	7682	8186	8042	3.91	cps
Calcium	44-1	204552	202367	202343	203088	0.62	cps
Chromium	52-2	3604	3507	3607	3573	1.59	cps
Cobalt	59-2	2044	1957	1964	1988	2.43	cps
Copper	63-2	3804	3634	3684	3707	2.36	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	0	8	17	8	100.02	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	108	25	58	64	65.65	cps
Gadolinium	160-2	10	3	13	9	57.30	cps
Holmium	165-1	6121130	6229823	6174327	6175093	0.88	cps
Holmium	165-2	2242307	2259162	2218903	2240124	0.90	cps
Indium	115-1	5642533	5601975	5556345	5600284	0.77	cps
Indium	115-2	440272	448508	444471	444417	0.93	cps
Iron	56-2	41830	41039	40704	41191	1.40	cps
Iron	57-2	1106	1189	878	1057	15.23	cps
Krypton	83-1	733	727	673	711	4.63	cps
Lead	206-1	3345	3501	3378	3408	2.40	cps
Lead	207-1	2711	2784	2850	2782	2.50	cps
Lead	208-1	13053	13664	13175	13298	2.43	cps
Lithium	6-1	397492	395478	403068	398679	0.99	cps
Magnesium	24-2	17920	18371	17904	18065	1.47	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:44:19	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	383	433	397	404	6.40	cps
Molybdenum	94-1	11222	11080	11072	11124	0.76	cps
Molybdenum	95-1	14275	13466	13507	13749	3.31	cps
Molybdenum	96-1	15251	14667	14700	14873	2.20	cps
Molybdenum	97-1	9245	8370	8695	8770	5.05	cps
Molybdenum	98-1	21960	21167	21735	21621	1.89	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	590	720	653	654	9.93	cps
Phosphorus	31-2	33	17	42	31	41.66	cps
Potassium	39-2	17320	17912	17078	17436	2.46	cps
Rhodium	103-1	5579911	5644881	5697894	5640895	1.05	cps
Rhodium	103-2	2221596	2253685	2234608	2236630	0.72	cps
Scandium	45-1	3841073	3915941	3910523	3889179	1.07	cps
Scandium	45-2	53468	54117	52926	53504	1.11	cps
Selenium	77-2	7	7	7	7	0.00	cps
Selenium	78-2	19	22	26	22	16.67	cps
Selenium	82-1	394	314	419	376	14.61	cps
Silicon	28-1	288648	290909	286916	288824	0.69	cps
Silver	109-1	6460	6402	6268	6377	1.54	cps
Silver	107-1	6518	6660	6594	6591	1.08	cps
Sodium	23-2	59350	60722	59350	59807	1.33	cps
Strontium	86-1	2375	2509	2534	2473	3.44	cps
Strontium	88-1	13666	13883	14100	13883	1.56	cps
Sulfur	34-1	420229	418103	418563	418965	0.27	cps
Terbium	159-1	6430486	6394668	6397351	6407502	0.31	cps
Terbium	159-2	2247356	2288619	2289960	2275312	1.06	cps
Thallium	203-1	3659	3517	4368	3848	11.84	cps
Thallium	205-1	9546	8887	9604	9346	4.26	cps
Tin	118-1	21401	20700	21143	21081	1.68	cps
Titanium	47-1	4059	3917	4393	4123	5.92	cps
Uranium	238-1	11381	11664	10797	11281	3.92	cps
Vanadium	51-2	3574	3637	3624	3612	0.92	cps
Yttrium	89-1	6114310	6156072	6060031	6110138	0.79	cps
Yttrium	89-2	340989	347967	348885	345947	1.25	cps
Zinc	66-2	463	483	553	500	9.45	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:44:19	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9103	9020	9279	9134	1.44	cps
Zirconium	91-1	2025	2025	1917	1989	3.15	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-26 13:47:45 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60	35	63	53	28.97	cps
Antimony	121-1	425	367	342	378	11.32	cps
Arsenic	75-2	11	6	11	9	34.60	cps
Barium	135-1	42	100	25	56	70.88	cps
Barium	137-1	75	58	25	53	48.24	cps
Beryllium	9-1	17	27	17	20	28.86	cps
Bismuth	209-1	4081294	3828733	3966846	3958958	3.19	cps
Bismuth	209-2	1620116	1602491	1632041	1618216	0.92	cps
Boron	10-1	550	592	600	581	4.61	cps
Boron	11-1	3426	2942	3209	3192	7.59	cps
Cadmium	111-1	1250	1135	1266	1217	5.87	cps
Cadmium	106-1	1759	1600	1767	1709	5.50	cps
Cadmium	108-1	8	8	0	6	86.60	cps
Calcium	43-1	543	490	460	498	8.48	cps
Calcium	44-1	78307	79349	78045	78567	0.88	cps
Chromium	52-2	1620	1657	1720	1666	3.04	cps
Cobalt	59-2	107	123	90	107	15.63	cps
Copper	63-2	370	370	360	367	1.57	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	13	3	6	124.93	cps
Erbium	164-1	25	75	8	36	96.08	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	58	50	17	42	52.91	cps
Gadolinium	160-2	13	20	7	13	49.99	cps
Holmium	165-1	6508045	6077126	6204329	6263167	3.53	cps
Holmium	165-2	2232231	2181724	2202285	2205413	1.15	cps
Indium	115-1	5973566	5495422	5624232	5697740	4.34	cps
Indium	115-2	430430	429768	439131	433109	1.21	cps
Iron	56-2	3484	3128	2978	3197	8.12	cps
Iron	57-2	161	128	111	133	19.09	cps
Krypton	83-1	777	770	800	782	2.01	cps
Lead	206-1	272	222	294	263	14.07	cps
Lead	207-1	217	244	228	230	6.09	cps
Lead	208-1	1050	1172	1056	1093	6.32	cps
Lithium	6-1	410185	395583	404636	403468	1.83	cps
Magnesium	24-2	267	250	275	264	4.82	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-26 13:47:45 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	73	43	61	25.78	cps
Molybdenum	94-1	258	300	225	261	14.39	cps
Molybdenum	95-1	75	75	142	97	39.60	cps
Molybdenum	96-1	133	125	142	133	6.25	cps
Molybdenum	97-1	258	233	250	247	5.15	cps
Molybdenum	98-1	125	108	92	108	15.39	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	70	63	73	16.39	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	6410	6243	6327	6327	1.32	cps
Rhodium	103-1	5928937	5600067	5720657	5749887	2.89	cps
Rhodium	103-2	2183496	2154429	2219206	2185710	1.48	cps
Scandium	45-1	4018627	3840318	3853762	3904235	2.54	cps
Scandium	45-2	50661	51283	53234	51726	2.60	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	4	0	4	100.05	cps
Selenium	82-1	-152	-61	-177	-130	-46.67	cps
Silicon	28-1	263437	257530	256979	259315	1.38	cps
Silver	109-1	50	117	117	94	40.76	cps
Silver	107-1	83	167	125	125	33.33	cps
Sodium	23-2	20574	20090	21575	20746	3.65	cps
Strontium	86-1	967	992	1283	1081	16.29	cps
Strontium	88-1	117	100	158	125	24.04	cps
Sulfur	34-1	426740	425125	425749	425871	0.19	cps
Terbium	159-1	6734444	6386639	6511043	6544042	2.69	cps
Terbium	159-2	2186132	2217591	2269292	2224338	1.89	cps
Thallium	203-1	117	167	58	114	47.61	cps
Thallium	205-1	142	275	242	219	31.62	cps
Tin	118-1	442	342	300	361	20.16	cps
Titanium	47-1	175	142	100	139	27.05	cps
Uranium	238-1	17	50	33	33	50.00	cps
Vanadium	51-2	13	13	23	17	34.65	cps
Yttrium	89-1	6521614	6011327	6172639	6235194	4.18	cps
Yttrium	89-2	336805	333148	343662	337872	1.58	cps
Zinc	66-2	147	127	107	127	15.79	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:47:45	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	500	492	533	508	4.34	cps
Zirconium	91-1	117	67	83	89	28.64	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-26 13:51:10 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	708362	685086	681988	691812	2.08	cps
Antimony	121-1	6952	6669	6902	6841	2.21	cps
Arsenic	75-2	44	24	46	38	32.23	cps
Barium	135-1	1575	1659	1475	1570	5.85	cps
Barium	137-1	2884	3009	3376	3089	8.27	cps
Beryllium	9-1	130	197	133	153	24.50	cps
Bismuth	209-1	3694650	3692182	3816513	3734448	1.90	cps
Bismuth	209-2	1562698	1484191	1450650	1499180	3.84	cps
Boron	10-1	525	475	483	494	5.42	cps
Boron	11-1	2900	2617	2667	2728	5.54	cps
Cadmium	111-1	1596	1684	1689	1656	3.17	cps
Cadmium	106-1	1450	1717	1775	1647	10.52	cps
Cadmium	108-1	796	829	863	829	4.02	cps
Calcium	43-1	1452651	1460137	1473841	1462210	0.73	cps
Calcium	44-1	23075622	23025630	23389067	23163440	0.85	cps
Chromium	52-2	19327	19317	18950	19198	1.12	cps
Cobalt	59-2	2110	1890	2087	2029	5.96	cps
Copper	63-2	12539	12299	12663	12500	1.48	cps
Dysprosium	156-1	67	25	17	36	74.18	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-1	17	42	25	28	45.82	cps
Erbium	164-2	23	3	13	13	75.02	cps
Gadolinium	160-1	33	83	42	53	50.76	cps
Gadolinium	160-2	23	23	20	22	8.65	cps
Holmium	165-1	6129757	6139140	6561020	6276639	3.92	cps
Holmium	165-2	2230460	2113823	2068270	2137518	3.91	cps
Indium	115-1	5405364	5333815	5663945	5467708	3.18	cps
Indium	115-2	424346	403383	384303	404011	4.96	cps
Iron	56-2	65072314	64457326	64374224	64634621	0.59	cps
Iron	57-2	1685965	1647115	1656976	1663352	1.21	cps
Krypton	83-1	747	720	677	714	4.94	cps
Lead	206-1	14459	14714	15287	14820	2.86	cps
Lead	207-1	11255	11817	12100	11724	3.67	cps
Lead	208-1	55210	56707	56299	56072	1.38	cps
Lithium	6-1	345248	334828	337682	339253	1.59	cps
Magnesium	24-2	3254712	3173482	3109733	3179309	2.29	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-26 13:51:10 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2250	2060	2200	2170	4.54	cps
Molybdenum	94-1	2900662	2933662	2914602	2916308	0.57	cps
Molybdenum	95-1	5024778	5067668	5043566	5045337	0.43	cps
Molybdenum	96-1	5421299	5365708	5444820	5410609	0.75	cps
Molybdenum	97-1	3151409	3152527	3158862	3154266	0.13	cps
Molybdenum	98-1	8050135	7992566	8011965	8018222	0.37	cps
Neodymium	150-1	7	33	33	24	62.97	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	3067	2857	2830	2918	4.44	cps
Phosphorus	31-2	57970	57267	57267	57501	0.71	cps
Potassium	39-2	2110710	2027310	2016385	2051468	2.52	cps
Rhodium	103-1	5198006	5255758	5563730	5339165	3.68	cps
Rhodium	103-2	2137372	2014885	1956004	2036087	4.54	cps
Scandium	45-1	3659225	3623021	3816644	3699630	2.78	cps
Scandium	45-2	50390	47420	46069	47960	4.61	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	2	7	5	57.32	cps
Selenium	82-1	-103	-36	-6	-49	-102.40	cps
Silicon	28-1	311599	308267	301813	307226	1.62	cps
Silver	109-1	1775	1850	2217	1947	12.14	cps
Silver	107-1	2059	2175	2300	2178	5.55	cps
Sodium	23-2	7139704	6934912	6791330	6955315	2.52	cps
Strontium	86-1	55715	55296	55832	55614	0.51	cps
Strontium	88-1	469500	472732	473154	471796	0.42	cps
Sulfur	34-1	1860904	1800103	1818908	1826638	1.70	cps
Terbium	159-1	6338064	6414045	6655626	6469245	2.56	cps
Terbium	159-2	2250037	2117098	2040787	2135974	4.96	cps
Thallium	203-1	1058	1092	733	961	20.60	cps
Thallium	205-1	2334	1950	1850	2045	12.48	cps
Tin	118-1	842	825	817	828	1.54	cps
Titanium	47-1	1417342	1427629	1416950	1420640	0.43	cps
Uranium	238-1	192	192	183	189	2.55	cps
Vanadium	51-2	120	100	107	109	9.35	cps
Yttrium	89-1	5919745	5958165	6284699	6054203	3.31	cps
Yttrium	89-2	339313	316057	307694	321021	5.10	cps
Zinc	66-2	2287	2144	2247	2226	3.32	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:51:10	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	642	600	692	644	7.12	cps
Zirconium	91-1	150	150	133	144	6.66	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:54:28	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	690660	688434	684512	687869	0.45	cps
Antimony	121-1	124359	125805	124567	124910	0.63	cps
Arsenic	75-2	2382	2452	2476	2437	2.01	cps
Barium	135-1	25175	25809	25250	25411	1.36	cps
Barium	137-1	45262	43991	43523	44259	2.03	cps
Beryllium	9-1	9350	9236	8853	9146	2.85	cps
Bismuth	209-1	3426221	3641467	3974046	3680578	7.50	cps
Bismuth	209-2	1456583	1439268	1416091	1437314	1.41	cps
Boron	10-1	4668	4468	4543	4559	2.22	cps
Boron	11-1	24914	24221	23036	24057	3.95	cps
Cadmium	111-1	28054	28377	27527	27986	1.53	cps
Cadmium	106-1	4117	3967	4084	4056	1.94	cps
Cadmium	108-1	2525	2434	2600	2520	3.31	cps
Calcium	43-1	1431234	1421612	1401642	1418162	1.06	cps
Calcium	44-1	22866354	22687109	22215055	22589506	1.49	cps
Chromium	52-2	37223	37771	37577	37524	0.74	cps
Cobalt	59-2	38580	38303	38002	38295	0.76	cps
Copper	63-2	44124	43736	43816	43892	0.47	cps
Dysprosium	156-1	17	8	33	19	65.47	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	17	92	42	50	76.37	cps
Erbium	164-2	3	17	3	8	99.04	cps
Gadolinium	160-1	33	75	33	47	50.94	cps
Gadolinium	160-2	3	20	20	14	66.64	cps
Holmium	165-1	5589436	6059738	6804388	6151187	9.96	cps
Holmium	165-2	2103879	2065187	1996347	2055138	2.65	cps
Indium	115-1	4947766	5234317	5801791	5327958	8.16	cps
Indium	115-2	390478	378771	376240	381829	1.99	cps
Iron	56-2	65593996	64896197	64983954	65158049	0.58	cps
Iron	57-2	1642838	1667130	1683635	1664534	1.23	cps
Krypton	83-1	763	770	700	744	5.19	cps
Lead	206-1	78603	77849	76826	77759	1.15	cps
Lead	207-1	65257	65597	64581	65145	0.79	cps
Lead	208-1	306558	304416	300750	303908	0.97	cps
Lithium	6-1	273568	283907	297784	285086	4.26	cps
Magnesium	24-2	3176688	3151343	3203666	3177232	0.82	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:54:28	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7909	8106	8203	8072	1.85	cps
Molybdenum	94-1	3088995	3101598	3065872	3085489	0.59	cps
Molybdenum	95-1	5320866	5326241	5285942	5311016	0.41	cps
Molybdenum	96-1	5647454	5759664	5653912	5687010	1.11	cps
Molybdenum	97-1	3372935	3348159	3299906	3340333	1.11	cps
Molybdenum	98-1	8433579	8452603	8354664	8413615	0.62	cps
Neodymium	150-1	13	33	40	29	48.05	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	14034	13507	13357	13632	2.61	cps
Phosphorus	31-2	57810	58456	56907	57724	1.35	cps
Potassium	39-2	2073567	2043693	1995877	2037712	1.92	cps
Rhodium	103-1	4767376	5100254	5702311	5189980	9.13	cps
Rhodium	103-2	2005924	1928348	1904822	1946365	2.72	cps
Scandium	45-1	3166570	3383542	3713589	3421234	8.05	cps
Scandium	45-2	46420	44604	44213	45079	2.61	cps
Selenium	77-2	30	10	13	18	60.28	cps
Selenium	78-2	74	67	78	73	7.77	cps
Selenium	82-1	1704	1650	1611	1655	2.80	cps
Silicon	28-1	440039	431632	429912	433861	1.25	cps
Silver	109-1	121858	118788	119982	120209	1.29	cps
Silver	107-1	126423	126548	125270	126080	0.56	cps
Sodium	23-2	7040439	7033303	7096044	7056595	0.49	cps
Strontium	86-1	58259	55907	56000	56722	2.35	cps
Strontium	88-1	486701	479219	475780	480567	1.16	cps
Sulfur	34-1	1751158	1707753	1680926	1713279	2.07	cps
Terbium	159-1	5892393	6263677	6993786	6383285	8.78	cps
Terbium	159-2	2110244	2031012	2006860	2049372	2.64	cps
Thallium	203-1	77788	79038	78081	78303	0.83	cps
Thallium	205-1	186716	184864	187679	186419	0.77	cps
Tin	118-1	260413	263806	260416	261545	0.75	cps
Titanium	47-1	1438694	1439267	1386211	1421391	2.14	cps
Uranium	238-1	250	217	225	231	7.52	cps
Vanadium	51-2	12966	12993	12839	12933	0.63	cps
Yttrium	89-1	5398985	5699635	6384789	5827803	8.67	cps
Yttrium	89-2	312428	303849	302009	306096	1.82	cps
Zinc	66-2	5468	5688	5785	5647	2.88	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:54:28	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	608	650	700	653	7.03	cps
Zirconium	91-1	125	183	142	150	20.03	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:57:47	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	424290	426588	427143	426007	0.36	cps
Antimony	121-1	3111077	3134245	3110279	3118534	0.44	cps
Arsenic	75-2	63236	63140	63141	63173	0.09	cps
Barium	135-1	3019735	3124834	3076074	3073548	1.71	cps
Barium	137-1	5225508	5402342	5301126	5309658	1.67	cps
Beryllium	9-1	234403	235925	240123	236817	1.25	cps
Bismuth	209-1	3743052	3729080	3670413	3714181	1.04	cps
Bismuth	209-2	1480976	1502887	1492487	1492117	0.73	cps
Boron	10-1	30249	31552	33523	31775	5.19	cps
Boron	11-1	159868	165327	168456	164550	2.64	cps
Cadmium	111-1	690706	700768	699875	697116	0.80	cps
Cadmium	106-1	72496	73175	74130	73267	1.12	cps
Cadmium	108-1	49478	49897	49277	49551	0.64	cps
Calcium	43-1	3586790	3602340	3682128	3623753	1.41	cps
Calcium	44-1	57398359	57710859	58602596	57903938	1.08	cps
Chromium	52-2	491957	486321	492767	490349	0.72	cps
Cobalt	59-2	938479	938419	944384	940427	0.36	cps
Copper	63-2	1563452	1605545	1593927	1587641	1.37	cps
Dysprosium	156-1	50	100	50	67	43.30	cps
Dysprosium	156-2	13	17	3	11	62.48	cps
Erbium	164-1	42	17	42	33	43.30	cps
Erbium	164-2	20	3	3	9	108.30	cps
Gadolinium	160-1	67	100	25	64	58.82	cps
Gadolinium	160-2	17	17	27	20	28.86	cps
Holmium	165-1	6179535	6368717	6270650	6272967	1.51	cps
Holmium	165-2	2137089	2130253	2155324	2140889	0.61	cps
Indium	115-1	5261515	5423156	5327138	5337270	1.52	cps
Indium	115-2	393121	397407	398770	396433	0.74	cps
Iron	56-2	84898488	86306994	85816835	85674106	0.83	cps
Iron	57-2	2200094	2173979	2159910	2177994	0.94	cps
Krypton	83-1	667	807	837	770	11.78	cps
Lead	206-1	1562140	1590071	1591245	1581152	1.04	cps
Lead	207-1	1414761	1447767	1452506	1438345	1.43	cps
Lead	208-1	6471852	6608204	6580364	6553473	1.10	cps
Lithium	6-1	289631	295631	303514	296259	2.35	cps
Magnesium	24-2	8356263	8430070	8479965	8422099	0.74	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:57:47	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	311448	308468	310969	310295	0.52	cps
Molybdenum	94-1	5568604	5714856	5591285	5624915	1.40	cps
Molybdenum	95-1	6807799	6876436	6936329	6873521	0.94	cps
Molybdenum	96-1	7582962	7647110	7642518	7624197	0.47	cps
Molybdenum	97-1	4264551	4312563	4290667	4289260	0.56	cps
Molybdenum	98-1	10886085	10882759	10852326	10873723	0.17	cps
Neodymium	150-1	160	200	147	169	16.44	cps
Neodymium	150-2	13	13	10	12	15.73	cps
Nickel	60-2	280664	280367	279657	280229	0.18	cps
Phosphorus	31-2	6293	5993	6435	6241	3.62	cps
Potassium	39-2	2624378	2697862	2730907	2684382	2.03	cps
Rhodium	103-1	5165849	5241528	5187125	5198167	0.75	cps
Rhodium	103-2	2032010	2006729	2039455	2026064	0.85	cps
Scandium	45-1	3460061	3504388	3557215	3507221	1.39	cps
Scandium	45-2	48423	49082	49872	49126	1.48	cps
Selenium	77-2	450	443	540	478	11.30	cps
Selenium	78-2	1717	1802	1793	1771	2.64	cps
Selenium	82-1	45830	46145	46567	46180	0.80	cps
Silicon	28-1	1633130	1650969	1742952	1675684	3.52	cps
Silver	109-1	3161724	3220039	3168917	3183560	1.00	cps
Silver	107-1	3327496	3346068	3299393	3324319	0.71	cps
Sodium	23-2	18648838	18645246	18878583	18724222	0.71	cps
Strontium	86-1	849680	857679	847738	851699	0.62	cps
Strontium	88-1	7188966	7305085	7249609	7247887	0.80	cps
Sulfur	34-1	509662	518537	529584	519261	1.92	cps
Terbium	159-1	6398946	6567844	6510196	6492329	1.32	cps
Terbium	159-2	2129286	2169569	2183405	2160753	1.30	cps
Thallium	203-1	1994865	2059283	2049484	2034544	1.71	cps
Thallium	205-1	4733641	4810363	4777232	4773745	0.81	cps
Tin	118-1	2141133	2143624	2155566	2146774	0.36	cps
Titanium	47-1	1828201	1841447	1873857	1847835	1.27	cps
Uranium	238-1	6266509	6289672	6224888	6260357	0.52	cps
Vanadium	51-2	350183	352991	351126	351434	0.41	cps
Yttrium	89-1	5828282	5989893	5905342	5907839	1.37	cps
Yttrium	89-2	320099	320747	326181	322343	1.04	cps
Zinc	66-2	175407	175511	175626	175515	0.06	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 13:57:47	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4602855	4651453	4751288	4668532	1.62	cps
Zirconium	91-1	1007643	1028749	1022558	1019650	1.06	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:07:28	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43	35	45	41	12.74	cps
Antimony	121-1	650	858	1167	892	29.15	cps
Arsenic	75-2	6	6	4	5	21.74	cps
Barium	135-1	42	33	67	47	36.74	cps
Barium	137-1	42	58	67	56	22.91	cps
Beryllium	9-1	27	23	27	26	7.55	cps
Bismuth	209-1	3924452	4022043	3756476	3900990	3.44	cps
Bismuth	209-2	1533574	1392145	1530968	1485562	5.45	cps
Boron	10-1	342	333	325	333	2.50	cps
Boron	11-1	1950	1717	1575	1747	10.84	cps
Cadmium	111-1	1070	1223	1126	1140	6.79	cps
Cadmium	106-1	1517	1734	1584	1611	6.89	cps
Cadmium	108-1	13	17	4	11	57.27	cps
Calcium	43-1	357	410	393	387	7.06	cps
Calcium	44-1	71966	72241	70613	71607	1.22	cps
Chromium	52-2	1620	1673	1560	1618	3.50	cps
Cobalt	59-2	77	77	73	76	2.55	cps
Copper	63-2	417	367	347	377	9.57	cps
Dysprosium	156-1	0	17	25	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	42	17	31	41.66	cps
Erbium	164-2	13	7	7	9	43.25	cps
Gadolinium	160-1	50	50	42	47	10.18	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	6262978	6543276	5983934	6263396	4.47	cps
Holmium	165-2	2066398	1894268	2099375	2020013	5.45	cps
Indium	115-1	5609935	5837273	5270507	5572572	5.12	cps
Indium	115-2	405418	365001	401612	390677	5.71	cps
Iron	56-2	3100	3039	3067	3069	1.00	cps
Iron	57-2	100	111	111	107	5.97	cps
Krypton	83-1	770	780	737	762	2.98	cps
Lead	206-1	561	528	511	533	4.77	cps
Lead	207-1	417	533	500	483	12.43	cps
Lead	208-1	2011	2200	2117	2109	4.49	cps
Lithium	6-1	321520	331991	314811	322774	2.68	cps
Magnesium	24-2	233	258	283	258	9.68	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:07:28	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	47	57	50	11.55	cps
Molybdenum	94-1	267	358	392	339	19.10	cps
Molybdenum	95-1	200	192	258	217	16.77	cps
Molybdenum	96-1	217	342	317	292	22.68	cps
Molybdenum	97-1	433	375	333	381	13.20	cps
Molybdenum	98-1	392	308	483	394	22.19	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	103	67	100	90	22.53	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	6552	5927	5768	6082	6.81	cps
Rhodium	103-1	5478054	5814261	5260822	5517712	5.05	cps
Rhodium	103-2	2095927	1888111	2082288	2022109	5.75	cps
Scandium	45-1	3497583	3674232	3386054	3519289	4.13	cps
Scandium	45-2	47397	41946	46393	45245	6.41	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	7	0	3	124.95	cps
Selenium	82-1	-143	-238	-148	-176	-30.41	cps
Silicon	28-1	216311	213641	213541	214498	0.73	cps
Silver	109-1	292	183	242	239	22.70	cps
Silver	107-1	242	283	242	256	9.41	cps
Sodium	23-2	22477	21575	22877	22310	2.99	cps
Strontium	86-1	883	1017	983	961	7.22	cps
Strontium	88-1	58	100	117	92	32.77	cps
Sulfur	34-1	361864	355125	349054	355348	1.80	cps
Terbium	159-1	6526417	6835071	6280041	6547176	4.25	cps
Terbium	159-2	2117151	1906365	2102827	2042114	5.77	cps
Thallium	203-1	425	375	517	439	16.37	cps
Thallium	205-1	883	1133	1283	1100	18.37	cps
Tin	118-1	492	375	417	428	13.82	cps
Titanium	47-1	125	175	167	156	17.22	cps
Uranium	238-1	17	25	25	22	21.64	cps
Vanadium	51-2	10	13	10	11	17.30	cps
Yttrium	89-1	5922039	6211987	5728650	5954225	4.09	cps
Yttrium	89-2	314626	285179	311895	303900	5.35	cps
Zinc	66-2	93	160	153	136	27.08	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:07:28	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	517	492	425	478	9.92	cps
Zirconium	91-1	150	75	158	128	35.92	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2018-12-26 14:10:53 DataFile Name : 019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	228	233	212	15.05	cps
Antimony	121-1	11455	11797	11055	11436	3.25	cps
Arsenic	75-2	107	120	111	113	5.91	cps
Barium	135-1	11355	11447	11013	11272	2.03	cps
Barium	137-1	20367	20458	20734	20520	0.93	cps
Beryllium	9-1	433	537	487	486	10.64	cps
Bismuth	209-1	3855366	3906236	3960038	3907213	1.34	cps
Bismuth	209-2	1569714	1534527	1545090	1549777	1.17	cps
Boron	10-1	1775	1842	1634	1750	6.08	cps
Boron	11-1	9437	8720	9378	9178	4.34	cps
Cadmium	111-1	2344	2533	2459	2445	3.89	cps
Cadmium	106-1	1617	1884	1650	1717	8.46	cps
Cadmium	108-1	96	75	83	85	12.38	cps
Calcium	43-1	7055	6875	7009	6980	1.34	cps
Calcium	44-1	181680	181938	180313	181310	0.48	cps
Chromium	52-2	3237	3394	3591	3407	5.20	cps
Cobalt	59-2	1890	1837	1890	1872	1.65	cps
Copper	63-2	3410	3521	3497	3476	1.67	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	17	0	14	91.65	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	33	42	42	39	12.38	cps
Gadolinium	160-2	7	17	17	13	43.29	cps
Holmium	165-1	6109937	6155040	6184809	6149929	0.61	cps
Holmium	165-2	2140306	2130416	2077693	2116138	1.59	cps
Indium	115-1	5443037	5428542	5506084	5459221	0.76	cps
Indium	115-2	410998	403112	404385	406165	1.04	cps
Iron	56-2	37044	37239	38036	37440	1.40	cps
Iron	57-2	945	928	872	915	4.13	cps
Krypton	83-1	803	640	703	716	11.51	cps
Lead	206-1	3501	3489	3439	3477	0.94	cps
Lead	207-1	2889	3017	3056	2987	2.92	cps
Lead	208-1	13720	13748	13570	13679	0.70	cps
Lithium	6-1	317536	318339	320431	318769	0.47	cps
Magnesium	24-2	17119	16927	17019	17022	0.56	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:10:53	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	387	323	310	340	12.05	cps
Molybdenum	94-1	10154	10705	10613	10491	2.81	cps
Molybdenum	95-1	12832	12798	12640	12757	0.80	cps
Molybdenum	96-1	14425	14475	14734	14545	1.14	cps
Molybdenum	97-1	8645	8353	8270	8422	2.34	cps
Molybdenum	98-1	20224	20800	21025	20683	2.00	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	717	630	690	679	6.54	cps
Phosphorus	31-2	17	42	33	31	41.65	cps
Potassium	39-2	16193	15759	15993	15982	1.36	cps
Rhodium	103-1	5418007	5393714	5552720	5454814	1.57	cps
Rhodium	103-2	2139939	2112782	2103720	2118814	0.89	cps
Scandium	45-1	3391489	3400499	3476069	3422686	1.36	cps
Scandium	45-2	48323	47186	47554	47688	1.22	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	24	20	20	22	9.89	cps
Selenium	82-1	252	475	397	375	30.15	cps
Silicon	28-1	238533	239506	238788	238942	0.21	cps
Silver	109-1	6060	6443	5860	6121	4.84	cps
Silver	107-1	6594	7061	6385	6680	5.18	cps
Sodium	23-2	57400	56320	55836	56519	1.42	cps
Strontium	86-1	2450	2417	2300	2389	3.30	cps
Strontium	88-1	13174	13549	13090	13271	1.84	cps
Sulfur	34-1	361724	359424	360227	360458	0.32	cps
Terbium	159-1	6345993	6382812	6470858	6399888	1.00	cps
Terbium	159-2	2150299	2093485	2131758	2125181	1.36	cps
Thallium	203-1	4218	4318	4001	4179	3.88	cps
Thallium	205-1	10255	10105	9988	10116	1.32	cps
Tin	118-1	20158	20583	19682	20141	2.24	cps
Titanium	47-1	3717	3617	3717	3684	1.57	cps
Uranium	238-1	11030	11106	11147	11094	0.53	cps
Vanadium	51-2	3350	3314	3430	3365	1.77	cps
Yttrium	89-1	5811226	5793412	5872836	5825825	0.72	cps
Yttrium	89-2	324479	311970	317858	318102	1.97	cps
Zinc	66-2	430	560	463	484	13.94	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:10:53	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8887	9028	8611	8842	2.40	cps
Zirconium	91-1	1925	1809	1884	1872	3.16	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : PB115773BL Instrumnet Name : P8
 Client Sample ID : PB115773BL Dilution Factor : 1
 Date & Time Acquired :: 2018-12-26 14:14:18 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	45	53	41	34.81	cps
Antimony	121-1	225	300	292	272	15.10	cps
Arsenic	75-2	4	0	7	4	100.05	cps
Barium	135-1	58	8	17	28	96.44	cps
Barium	137-1	83	33	58	58	42.86	cps
Beryllium	9-1	10	33	30	24	51.62	cps
Bismuth	209-1	3892550	4027110	3850597	3923419	2.35	cps
Bismuth	209-2	1511084	1521966	1549500	1527517	1.30	cps
Boron	10-1	208	242	200	217	10.18	cps
Boron	11-1	1475	1325	1525	1442	7.22	cps
Cadmium	111-1	1050	1096	1053	1066	2.44	cps
Cadmium	106-1	1509	1559	1525	1531	1.66	cps
Cadmium	108-1	21	4	21	15	62.96	cps
Calcium	43-1	333	367	393	364	8.25	cps
Calcium	44-1	69705	70114	69373	69731	0.53	cps
Chromium	52-2	1650	1557	1620	1609	2.96	cps
Cobalt	59-2	67	83	60	70	17.17	cps
Copper	63-2	360	323	347	343	5.41	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	42	25	31	31.50	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	42	33	33	36	13.33	cps
Gadolinium	160-2	17	7	0	8	107.84	cps
Holmium	165-1	6171285	6346388	6237373	6251682	1.41	cps
Holmium	165-2	2050566	2064879	2088232	2067892	0.92	cps
Indium	115-1	5474893	5584298	5489150	5516114	1.08	cps
Indium	115-2	393635	396619	400835	397030	0.91	cps
Iron	56-2	3106	2845	2962	2971	4.40	cps
Iron	57-2	78	106	94	93	15.10	cps
Krypton	83-1	840	717	703	753	10.00	cps
Lead	206-1	339	322	306	322	5.17	cps
Lead	207-1	322	294	294	304	5.28	cps
Lead	208-1	1461	1400	1233	1365	8.64	cps
Lithium	6-1	322013	326642	318412	322356	1.28	cps
Magnesium	24-2	267	350	233	283	21.21	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	PB115773BL	Instrumnet Name :	P8
Client Sample ID :	PB115773BL	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:14:18	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60	63	53	59	8.65	cps
Molybdenum	94-1	250	267	350	289	18.54	cps
Molybdenum	95-1	108	58	42	69	49.96	cps
Molybdenum	96-1	50	133	100	94	44.41	cps
Molybdenum	97-1	125	233	275	211	36.68	cps
Molybdenum	98-1	50	92	117	86	39.11	cps
Neodymium	150-1	33	0	7	13	132.27	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90	80	90	87	6.66	cps
Phosphorus	31-2	17	8	33	19	65.48	cps
Potassium	39-2	6310	5735	6002	6015	4.79	cps
Rhodium	103-1	5488450	5603955	5450541	5514315	1.45	cps
Rhodium	103-2	2071192	2059872	2079805	2070290	0.48	cps
Scandium	45-1	3479010	3565891	3409201	3484701	2.25	cps
Scandium	45-2	45999	46487	46778	46421	0.85	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	6	9	2	6	66.68	cps
Selenium	82-1	-259	-108	-112	-160	-53.77	cps
Silicon	28-1	216359	234082	215768	222070	4.69	cps
Silver	109-1	117	175	92	128	33.47	cps
Silver	107-1	92	133	200	142	38.57	cps
Sodium	23-2	21216	20599	20899	20905	1.48	cps
Strontium	86-1	883	683	983	850	17.97	cps
Strontium	88-1	133	125	133	131	3.68	cps
Sulfur	34-1	367636	363827	358512	363325	1.26	cps
Terbium	159-1	6450546	6511625	6407854	6456675	0.81	cps
Terbium	159-2	2042183	2074902	2087995	2068360	1.14	cps
Thallium	203-1	367	292	200	286	29.18	cps
Thallium	205-1	708	675	850	745	12.48	cps
Tin	118-1	592	650	550	597	8.41	cps
Titanium	47-1	150	150	117	139	13.86	cps
Uranium	238-1	8	8	67	28	121.26	cps
Vanadium	51-2	13	13	7	11	34.61	cps
Yttrium	89-1	5914488	5995379	5814308	5908058	1.54	cps
Yttrium	89-2	307906	310633	310082	309540	0.47	cps
Zinc	66-2	153	120	140	138	12.18	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	PB115773BL	Instrumnet Name :	P8
Client Sample ID :	PB115773BL	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:14:18	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	492	467	367	442	14.98	cps
Zirconium	91-1	108	42	83	78	43.30	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	PB115773BS	Instrumnet Name :	P8
Client Sample ID :	PB115773BS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:17:43	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	82246	81911	80651	81603	1.03	cps
Antimony	121-1	3259604	3255700	3236349	3250551	0.38	cps
Arsenic	75-2	63701	63679	63768	63716	0.07	cps
Barium	135-1	3166016	3187105	3142556	3165226	0.70	cps
Barium	137-1	5481445	5573596	5483637	5512893	0.95	cps
Beryllium	9-1	260879	256046	257134	258019	0.98	cps
Bismuth	209-1	3940105	3988078	4029351	3985845	1.12	cps
Bismuth	209-2	1598622	1581896	1605516	1595345	0.76	cps
Boron	10-1	33072	33824	33532	33476	1.13	cps
Boron	11-1	173475	178415	179149	177013	1.74	cps
Cadmium	111-1	726523	731005	728972	728833	0.31	cps
Cadmium	106-1	76409	77448	76048	76635	0.95	cps
Cadmium	108-1	52180	52456	51293	51977	1.17	cps
Calcium	43-1	750548	751109	757374	753010	0.50	cps
Calcium	44-1	12260820	12198864	12246234	12235306	0.26	cps
Chromium	52-2	485793	491187	486707	487896	0.59	cps
Cobalt	59-2	949662	951580	952887	951377	0.17	cps
Copper	63-2	1670039	1615024	1630214	1638426	1.73	cps
Dysprosium	156-1	50	17	17	28	69.27	cps
Dysprosium	156-2	10	10	0	7	86.60	cps
Erbium	164-1	17	17	50	28	69.27	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	17	17	100	44	108.24	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	6414020	6552536	6574288	6513615	1.33	cps
Holmium	165-2	2217509	2196625	2235550	2216561	0.88	cps
Indium	115-1	5496444	5519366	5618302	5544704	1.17	cps
Indium	115-2	411318	407524	411648	410163	0.56	cps
Iron	56-2	17573790	17461548	17528221	17521186	0.32	cps
Iron	57-2	435533	437255	439424	437404	0.45	cps
Krypton	83-1	797	713	700	737	7.11	cps
Lead	206-1	1681035	1704680	1714143	1699953	1.00	cps
Lead	207-1	1512046	1527117	1521213	1520125	0.50	cps
Lead	208-1	6947561	6945490	6981598	6958216	0.29	cps
Lithium	6-1	329273	334928	331128	331776	0.87	cps
Magnesium	24-2	1878480	1835277	1866831	1860196	1.20	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	PB115773BS	Instrumnet Name :	P8
Client Sample ID :	PB115773BS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:17:43	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	311104	310261	311557	310974	0.21	cps
Molybdenum	94-1	5701841	5645004	5659065	5668636	0.52	cps
Molybdenum	95-1	6930409	6970072	6856851	6919111	0.83	cps
Molybdenum	96-1	7767301	7794688	7687513	7749834	0.72	cps
Molybdenum	97-1	4425527	4353111	4331830	4370156	1.12	cps
Molybdenum	98-1	11283493	11079896	10875052	11079480	1.84	cps
Neodymium	150-1	147	120	140	136	10.24	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	282012	283014	282348	282458	0.18	cps
Phosphorus	31-2	6118	6343	6243	6235	1.81	cps
Potassium	39-2	542541	544287	551071	545967	0.83	cps
Rhodium	103-1	5450498	5457791	5452340	5453543	0.07	cps
Rhodium	103-2	2118391	2099551	2122140	2113360	0.57	cps
Scandium	45-1	3569605	3628676	3637799	3612027	1.02	cps
Scandium	45-2	49099	48644	49818	49187	1.20	cps
Selenium	77-2	527	520	507	518	1.97	cps
Selenium	78-2	1750	1682	1843	1758	4.60	cps
Selenium	82-1	47345	47508	47473	47442	0.18	cps
Silicon	28-1	1731665	1716527	1742402	1730198	0.75	cps
Silver	109-1	3338697	3376554	3343324	3352858	0.62	cps
Silver	107-1	3515110	3542958	3544539	3534202	0.47	cps
Sodium	23-2	3895018	3939974	3889022	3908005	0.71	cps
Strontium	86-1	857002	867399	869998	864800	0.80	cps
Strontium	88-1	7427239	7418425	7554826	7466830	1.02	cps
Sulfur	34-1	559481	551930	557328	556246	0.70	cps
Terbium	159-1	6742077	6810932	6826735	6793248	0.66	cps
Terbium	159-2	2249824	2183176	2251784	2228261	1.75	cps
Thallium	203-1	2155761	2171658	2175900	2167773	0.49	cps
Thallium	205-1	4998307	5107090	5060873	5055424	1.08	cps
Tin	118-1	2228586	2255561	2239519	2241222	0.61	cps
Titanium	47-1	1900407	1871584	1840106	1870699	1.61	cps
Uranium	238-1	6630167	6592529	6545514	6589403	0.64	cps
Vanadium	51-2	345606	346541	348768	346972	0.47	cps
Yttrium	89-1	5944829	6026478	6141899	6037735	1.64	cps
Yttrium	89-2	328307	321908	327360	325858	1.06	cps
Zinc	66-2	183412	180568	178458	180813	1.38	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	PB115773BS	Instrumnet Name :	P8
Client Sample ID :	PB115773BS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:17:43	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4780584	4755516	4758681	4764927	0.29	cps
Zirconium	91-1	1026528	1043361	1026723	1032204	0.94	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-01	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:20:59	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1261304	1257909	1247075	1255429	0.59	cps
Antimony	121-1	2750	2567	2584	2634	3.85	cps
Arsenic	75-2	11012	10995	11034	11014	0.18	cps
Barium	135-1	2224087	2269351	2284886	2259441	1.40	cps
Barium	137-1	3911681	3908511	3910335	3910176	0.04	cps
Beryllium	9-1	3884	4004	4117	4002	2.92	cps
Bismuth	209-1	3694233	3504797	3621415	3606815	2.65	cps
Bismuth	209-2	1593039	1534085	1528984	1552036	2.29	cps
Boron	10-1	1425	1292	1417	1378	5.42	cps
Boron	11-1	7536	7469	6977	7327	4.16	cps
Cadmium	111-1	5292	5305	5503	5367	2.20	cps
Cadmium	106-1	3576	3526	3551	3551	0.70	cps
Cadmium	108-1	713	704	779	732	5.62	cps
Calcium	43-1	197695	198347	200011	198684	0.60	cps
Calcium	44-1	3258819	3285552	3326627	3290333	1.04	cps
Chromium	52-2	194512	193856	192310	193559	0.58	cps
Cobalt	59-2	277625	278929	278230	278262	0.23	cps
Copper	63-2	616488	623903	621903	620765	0.62	cps
Dysprosium	156-1	222729	224238	224221	223729	0.39	cps
Dysprosium	156-2	85118	86269	84575	85321	1.01	cps
Erbium	164-1	203137	200168	203030	202111	0.83	cps
Erbium	164-2	65695	66304	65058	65686	0.95	cps
Gadolinium	160-1	236258	240751	238194	238401	0.95	cps
Gadolinium	160-2	101081	102643	103080	102268	1.03	cps
Holmium	165-1	6248488	5944183	6102976	6098549	2.50	cps
Holmium	165-2	2308950	2239764	2232659	2260458	1.86	cps
Indium	115-1	5349562	5125841	5201822	5225742	2.18	cps
Indium	115-2	426302	405799	405763	412622	2.87	cps
Iron	56-2	247259900	253430733	250288539	250326391	1.23	cps
Iron	57-2	6221958	6311825	6297376	6277053	0.77	cps
Krypton	83-1	973	960	993	976	1.72	cps
Lead	206-1	3110641	3074645	3141517	3108934	1.08	cps
Lead	207-1	2629729	2683342	2617641	2643571	1.32	cps
Lead	208-1	12101963	12138844	12119675	12120161	0.15	cps
Lithium	6-1	315591	304786	316122	312166	2.05	cps
Magnesium	24-2	2287832	2296747	2254732	2279770	0.97	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-01	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:20:59	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5476098	5626567	5547292	5549985	1.36	cps
Molybdenum	94-1	204825	202977	200539	202781	1.06	cps
Molybdenum	95-1	26802	26068	26318	26396	1.42	cps
Molybdenum	96-1	61582	61498	61842	61641	0.29	cps
Molybdenum	97-1	16694	17037	17479	17070	2.30	cps
Molybdenum	98-1	41340	43388	42978	42568	2.55	cps
Neodymium	150-1	238422	239577	238205	238735	0.31	cps
Neodymium	150-2	53479	53720	54269	53822	0.75	cps
Nickel	60-2	156337	157846	157008	157064	0.48	cps
Phosphorus	31-2	3226	3334	3667	3409	6.75	cps
Potassium	39-2	179676	179519	176427	178541	1.03	cps
Rhodium	103-1	5271304	4991955	5193557	5152272	2.80	cps
Rhodium	103-2	2184281	2067245	2085830	2112452	2.98	cps
Scandium	45-1	3896288	3650066	3819849	3788734	3.33	cps
Scandium	45-2	57691	54382	54275	55449	3.50	cps
Selenium	77-2	350	400	417	389	8.92	cps
Selenium	78-2	269	289	274	277	3.80	cps
Selenium	82-1	353	326	280	320	11.59	cps
Silicon	28-1	19955629	20011536	19993012	19986725	0.14	cps
Silver	109-1	2459	2392	2200	2350	5.71	cps
Silver	107-1	2567	2909	3017	2831	8.30	cps
Sodium	23-2	80612	79581	79891	80028	0.66	cps
Strontium	86-1	126650	128525	126936	127370	0.79	cps
Strontium	88-1	1079388	1095857	1097709	1090985	0.92	cps
Sulfur	34-1	290610	282420	274979	282670	2.77	cps
Terbium	159-1	6522139	6225868	6397890	6381965	2.33	cps
Terbium	159-2	2286616	2234725	2190066	2237136	2.16	cps
Thallium	203-1	2759	2700	3101	2853	7.58	cps
Thallium	205-1	7286	7294	7119	7233	1.37	cps
Tin	118-1	9712	9937	10129	9926	2.10	cps
Titanium	47-1	128999	129235	130736	129656	0.73	cps
Uranium	238-1	52269	54772	53097	53379	2.39	cps
Vanadium	51-2	127736	128093	127750	127860	0.16	cps
Yttrium	89-1	8936485	8598331	8823188	8786001	1.96	cps
Yttrium	89-2	503273	492813	491945	496010	1.27	cps
Zinc	66-2	255347	259002	258784	257711	0.80	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-01	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:20:59	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	518211	520685	523358	520751	0.49	cps
Zirconium	91-1	113420	115059	114135	114205	0.72	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-02	Instrumnet Name :	P8
Client Sample ID :	P001-SS015-0612-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:24:19	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	679771	683764	680073	681203	0.33	cps
Antimony	121-1	7736	7369	7152	7419	3.98	cps
Arsenic	75-2	3823	3830	3932	3862	1.58	cps
Barium	135-1	2162026	2134470	2138352	2144949	0.70	cps
Barium	137-1	3776315	3712257	3717240	3735271	0.95	cps
Beryllium	9-1	1583	1520	1630	1578	3.50	cps
Bismuth	209-1	3753543	3780224	3820638	3784802	0.89	cps
Bismuth	209-2	1552562	1565831	1559507	1559300	0.43	cps
Boron	10-1	1067	833	750	883	18.58	cps
Boron	11-1	5568	4259	4167	4665	16.80	cps
Cadmium	111-1	3681	3646	3612	3646	0.95	cps
Cadmium	106-1	2284	2425	2284	2331	3.51	cps
Cadmium	108-1	192	258	279	243	18.81	cps
Calcium	43-1	57032	55977	56440	56483	0.94	cps
Calcium	44-1	981148	968343	966795	972095	0.81	cps
Chromium	52-2	90119	89336	87753	89069	1.35	cps
Cobalt	59-2	51649	52010	51241	51633	0.75	cps
Copper	63-2	424391	422294	420071	422252	0.51	cps
Dysprosium	156-1	83408	81153	83625	82729	1.66	cps
Dysprosium	156-2	30716	29904	29226	29949	2.49	cps
Erbium	164-1	75260	72520	77254	75012	3.17	cps
Erbium	164-2	24797	24199	23739	24245	2.19	cps
Gadolinium	160-1	84306	83551	84557	84138	0.62	cps
Gadolinium	160-2	36421	35368	36588	36126	1.83	cps
Holmium	165-1	6194991	6187340	6408135	6263489	2.00	cps
Holmium	165-2	2202451	2192712	2193509	2196224	0.25	cps
Indium	115-1	5520381	5450455	5588496	5519777	1.25	cps
Indium	115-2	410146	412505	420877	414510	1.36	cps
Iron	56-2	69629217	70446004	70537546	70204256	0.71	cps
Iron	57-2	1786806	1824189	1790847	1800614	1.14	cps
Krypton	83-1	920	893	850	888	3.98	cps
Lead	206-1	2061275	2044037	2021655	2042322	0.97	cps
Lead	207-1	1756646	1747974	1741213	1748611	0.44	cps
Lead	208-1	8094245	8068596	7993609	8052150	0.65	cps
Lithium	6-1	305360	304251	305105	304905	0.19	cps
Magnesium	24-2	438636	438037	436588	437754	0.24	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-02	Instrumnet Name :	P8
Client Sample ID :	P001-SS015-0612-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:24:19	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	196586	200594	198133	198438	1.02	cps
Molybdenum	94-1	55741	56502	56292	56178	0.70	cps
Molybdenum	95-1	16478	16794	16627	16633	0.95	cps
Molybdenum	96-1	27228	25492	26852	26524	3.44	cps
Molybdenum	97-1	11464	10847	10713	11008	3.64	cps
Molybdenum	98-1	26243	26226	27220	26563	2.14	cps
Neodymium	150-1	100119	100113	100550	100261	0.25	cps
Neodymium	150-2	22663	22913	22773	22783	0.55	cps
Nickel	60-2	48394	49678	49394	49156	1.37	cps
Phosphorus	31-2	3634	3392	4134	3720	10.17	cps
Potassium	39-2	63151	62674	63084	62970	0.41	cps
Rhodium	103-1	5478679	5467249	5563773	5503234	0.96	cps
Rhodium	103-2	2141944	2147278	2111211	2133478	0.91	cps
Scandium	45-1	3614591	3602130	3664248	3626990	0.91	cps
Scandium	45-2	49184	49517	49410	49370	0.34	cps
Selenium	77-2	163	143	147	151	7.09	cps
Selenium	78-2	156	128	130	138	11.28	cps
Selenium	82-1	679	697	722	699	3.08	cps
Silicon	28-1	25321318	24854956	25266660	25147645	1.01	cps
Silver	109-1	3626	3176	3342	3381	6.73	cps
Silver	107-1	3742	3617	3551	3637	2.68	cps
Sodium	23-2	75257	76405	73834	75165	1.71	cps
Strontium	86-1	78350	79297	77838	78495	0.94	cps
Strontium	88-1	676154	663224	666918	668765	1.00	cps
Sulfur	34-1	501767	496322	496419	498170	0.63	cps
Terbium	159-1	6597438	6443309	6664182	6568310	1.72	cps
Terbium	159-2	2242734	2151900	2173804	2189479	2.17	cps
Thallium	203-1	3459	3967	4101	3842	8.81	cps
Thallium	205-1	8862	8662	9104	8876	2.49	cps
Tin	118-1	17170	16903	17271	17115	1.11	cps
Titanium	47-1	145164	145390	149636	146730	1.72	cps
Uranium	238-1	50504	51424	51424	51117	1.04	cps
Vanadium	51-2	81386	83792	81442	82207	1.67	cps
Yttrium	89-1	7102908	7137728	7306071	7182235	1.51	cps
Yttrium	89-2	392633	394548	391756	392979	0.36	cps
Zinc	66-2	55417	54600	55283	55100	0.79	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-02	Instrumnet Name :	P8
Client Sample ID :	P001-SS015-0612-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:24:19	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	130141	130807	128248	129732	1.02	cps
Zirconium	91-1	28748	29207	28013	28656	2.10	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-03	Instrumnet Name :	P8
Client Sample ID :	P001-SS016-0006-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:27:41	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	968025	947588	947027	954213	1.25	cps
Antimony	121-1	3059	2934	3167	3053	3.83	cps
Arsenic	75-2	4914	4934	4842	4897	0.99	cps
Barium	135-1	2009518	2002701	2052293	2021504	1.33	cps
Barium	137-1	3481993	3544086	3588701	3538260	1.51	cps
Beryllium	9-1	2587	2517	2670	2591	2.96	cps
Bismuth	209-1	3652089	3789904	3549277	3663757	3.30	cps
Bismuth	209-2	1447431	1579128	1543953	1523504	4.48	cps
Boron	10-1	808	950	983	914	10.17	cps
Boron	11-1	4759	4601	4859	4740	2.75	cps
Cadmium	111-1	4532	4828	4529	4630	3.71	cps
Cadmium	106-1	2742	2859	2725	2775	2.62	cps
Cadmium	108-1	388	379	458	408	10.65	cps
Calcium	43-1	224851	228009	233587	228816	1.93	cps
Calcium	44-1	3751311	3769665	3883177	3801384	1.88	cps
Chromium	52-2	134855	133469	132826	133717	0.78	cps
Cobalt	59-2	149721	146628	149625	148658	1.18	cps
Copper	63-2	310804	310526	307952	309761	0.51	cps
Dysprosium	156-1	109120	107742	109675	108846	0.91	cps
Dysprosium	156-2	41222	39961	40355	40513	1.59	cps
Erbium	164-1	99168	99455	101151	99925	1.07	cps
Erbium	164-2	32885	31782	32143	32270	1.74	cps
Gadolinium	160-1	111390	114844	116434	114223	2.26	cps
Gadolinium	160-2	48811	48032	47841	48228	1.07	cps
Holmium	165-1	6147112	6357047	5946993	6150384	3.33	cps
Holmium	165-2	2064260	2242148	2227806	2178071	4.54	cps
Indium	115-1	5301836	5506338	5124780	5310985	3.60	cps
Indium	115-2	382526	417384	416612	405507	4.91	cps
Iron	56-2	156549292	154955170	154492570	155332344	0.69	cps
Iron	57-2	3916343	3854661	3836878	3869294	1.08	cps
Krypton	83-1	887	893	830	870	4.00	cps
Lead	206-1	805365	793731	805915	801670	0.86	cps
Lead	207-1	674620	669152	680896	674890	0.87	cps
Lead	208-1	3127751	3129952	3180394	3146032	0.95	cps
Lithium	6-1	306308	313961	295746	305338	3.00	cps
Magnesium	24-2	1414042	1383251	1378331	1391875	1.39	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-03	Instrumnet Name :	P8
Client Sample ID :	P001-SS016-0006-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:27:41	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2124492	2087352	2113760	2108535	0.91	cps
Molybdenum	94-1	89905	89227	91717	90283	1.43	cps
Molybdenum	95-1	13591	13708	13649	13649	0.43	cps
Molybdenum	96-1	28915	28331	29299	28848	1.69	cps
Molybdenum	97-1	8103	8486	8978	8522	5.15	cps
Molybdenum	98-1	21685	21142	22311	21713	2.69	cps
Neodymium	150-1	134684	133957	136127	134923	0.82	cps
Neodymium	150-2	30055	29373	30068	29832	1.33	cps
Nickel	60-2	107511	106940	107636	107362	0.35	cps
Phosphorus	31-2	4718	4193	4493	4468	5.90	cps
Potassium	39-2	141650	141918	141002	141523	0.33	cps
Rhodium	103-1	5357615	5471914	5127509	5319013	3.30	cps
Rhodium	103-2	1982561	2140328	2146988	2089959	4.45	cps
Scandium	45-1	3543833	3748257	3523504	3605198	3.45	cps
Scandium	45-2	47012	50979	51792	49928	5.12	cps
Selenium	77-2	197	193	197	196	0.98	cps
Selenium	78-2	174	183	157	172	7.66	cps
Selenium	82-1	692	655	800	716	10.50	cps
Silicon	28-1	29146474	29774701	29926449	29615874	1.40	cps
Silver	109-1	2134	1750	2134	2006	11.04	cps
Silver	107-1	2575	2284	2175	2345	8.83	cps
Sodium	23-2	65534	66673	65710	65973	0.93	cps
Strontium	86-1	198457	200777	201857	200364	0.87	cps
Strontium	88-1	1725958	1723195	1775079	1741411	1.68	cps
Sulfur	34-1	346220	342583	349483	346095	1.00	cps
Terbium	159-1	6444453	6649390	6129937	6407927	4.08	cps
Terbium	159-2	2058237	2250401	2195193	2167944	4.56	cps
Thallium	203-1	2650	2709	2775	2712	2.31	cps
Thallium	205-1	6060	5918	5660	5879	3.45	cps
Tin	118-1	6210	6285	6210	6235	0.69	cps
Titanium	47-1	158378	164061	162318	161586	1.80	cps
Uranium	238-1	93408	92594	93508	93170	0.54	cps
Vanadium	51-2	121353	120109	119676	120380	0.72	cps
Yttrium	89-1	7375990	7403049	7099786	7292942	2.30	cps
Yttrium	89-2	385766	409847	409423	401679	3.43	cps
Zinc	66-2	115782	114040	114908	114910	0.76	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-03	Instrumnet Name :	P8
Client Sample ID :	P001-SS016-0006-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:27:41	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	227711	225945	227449	227035	0.42	cps
Zirconium	91-1	49123	50904	51039	50355	2.12	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-05	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:31:03	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	580146	576781	571698	576208	0.74	cps
Antimony	121-1	4934	4834	4576	4782	3.87	cps
Arsenic	75-2	5655	5807	5673	5712	1.45	cps
Barium	135-1	782787	774352	782976	780038	0.63	cps
Barium	137-1	1352261	1352212	1365339	1356604	0.56	cps
Beryllium	9-1	1880	1763	2024	1889	6.89	cps
Bismuth	209-1	3766478	3930544	3801635	3832886	2.25	cps
Bismuth	209-2	1405300	1438436	1588355	1477363	6.60	cps
Boron	10-1	2375	2242	2175	2264	4.50	cps
Boron	11-1	11397	11213	11822	11477	2.72	cps
Cadmium	111-1	4612	4732	4625	4656	1.41	cps
Cadmium	106-1	2959	2942	2950	2950	0.28	cps
Cadmium	108-1	567	517	683	589	14.52	cps
Calcium	43-1	1511231	1531975	1521631	1521613	0.68	cps
Calcium	44-1	24450246	24166285	23951573	24189368	1.03	cps
Chromium	52-2	151308	151082	149826	150739	0.53	cps
Cobalt	59-2	126159	125086	124261	125169	0.76	cps
Copper	63-2	532636	531441	521949	528676	1.11	cps
Dysprosium	156-1	97396	98235	101031	98887	1.92	cps
Dysprosium	156-2	36170	36561	36060	36264	0.73	cps
Erbium	164-1	90639	88223	90204	89689	1.44	cps
Erbium	164-2	28836	28652	28120	28536	1.30	cps
Gadolinium	160-1	103300	101443	102863	102536	0.95	cps
Gadolinium	160-2	43549	43693	43466	43569	0.26	cps
Holmium	165-1	6268663	6560753	6278034	6369150	2.61	cps
Holmium	165-2	1989381	2068765	2246816	2101654	6.27	cps
Indium	115-1	5497889	5668787	5487829	5551502	1.83	cps
Indium	115-2	374071	390704	426010	396928	6.68	cps
Iron	56-2	124006603	123071375	122689500	123255826	0.55	cps
Iron	57-2	3120995	3202157	3136659	3153270	1.37	cps
Krypton	83-1	797	930	763	830	10.63	cps
Lead	206-1	1549286	1555771	1541135	1548731	0.47	cps
Lead	207-1	1292217	1287338	1290038	1289865	0.19	cps
Lead	208-1	6136103	6090741	6110668	6112504	0.37	cps
Lithium	6-1	297144	311258	297142	301848	2.70	cps
Magnesium	24-2	1581607	1524404	1552779	1552930	1.84	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-05	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:31:03	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1618309	1623083	1598811	1613401	0.80	cps
Molybdenum	94-1	158679	158188	158921	158596	0.24	cps
Molybdenum	95-1	26477	26059	26444	26327	0.88	cps
Molybdenum	96-1	53498	53047	54234	53593	1.12	cps
Molybdenum	97-1	16144	16277	17746	16722	5.32	cps
Molybdenum	98-1	41432	42326	42418	42058	1.30	cps
Neodymium	150-1	128059	126309	127460	127276	0.70	cps
Neodymium	150-2	29149	28434	28264	28616	1.64	cps
Nickel	60-2	91921	91260	90234	91138	0.93	cps
Phosphorus	31-2	5268	5093	4959	5107	3.03	cps
Potassium	39-2	191896	193842	188701	191480	1.36	cps
Rhodium	103-1	5383771	5554142	5480963	5472959	1.56	cps
Rhodium	103-2	1938029	2016390	2191130	2048516	6.33	cps
Scandium	45-1	3630555	3868970	3705686	3735070	3.26	cps
Scandium	45-2	47440	48614	52295	49450	5.12	cps
Selenium	77-2	187	240	253	227	15.56	cps
Selenium	78-2	120	130	130	127	4.22	cps
Selenium	82-1	182	92	242	172	43.72	cps
Silicon	28-1	25391263	25547577	26096342	25678394	1.44	cps
Silver	109-1	16611	17395	17429	17145	2.70	cps
Silver	107-1	18004	18447	18388	18280	1.31	cps
Sodium	23-2	77192	76212	75585	76330	1.06	cps
Strontium	86-1	541216	544277	547595	544363	0.59	cps
Strontium	88-1	4648522	4700015	4631967	4660168	0.76	cps
Sulfur	34-1	358619	357260	364293	360057	1.04	cps
Terbium	159-1	6508711	6792731	6583889	6628444	2.22	cps
Terbium	159-2	1982862	2061434	2241629	2095308	6.33	cps
Thallium	203-1	2017	1992	1909	1972	2.88	cps
Thallium	205-1	4618	4484	4818	4640	3.62	cps
Tin	118-1	14800	13666	14675	14381	4.33	cps
Titanium	47-1	212461	208794	210801	210685	0.87	cps
Uranium	238-1	34223	34975	34724	34641	1.10	cps
Vanadium	51-2	84939	86361	84932	85411	0.96	cps
Yttrium	89-1	7230507	7568162	7375581	7391416	2.29	cps
Yttrium	89-2	372875	379239	409805	387306	5.10	cps
Zinc	66-2	188062	188483	185895	187480	0.74	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-05	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:31:03	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	399290	401099	401380	400590	0.28	cps
Zirconium	91-1	88664	89017	87414	88365	0.95	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-06	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:34:23	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	856833	848345	856247	853808	0.56	cps
Antimony	121-1	1258	1483	1383	1375	8.20	cps
Arsenic	75-2	7782	7621	7632	7678	1.17	cps
Barium	135-1	724445	712930	718758	718711	0.80	cps
Barium	137-1	1262221	1247958	1249659	1253279	0.62	cps
Beryllium	9-1	2784	2544	2537	2621	5.36	cps
Bismuth	209-1	3523478	3697010	3640084	3620191	2.44	cps
Bismuth	209-2	1403047	1456666	1395503	1418405	2.35	cps
Boron	10-1	1383	1508	1617	1503	7.77	cps
Boron	11-1	7344	7461	7944	7583	4.20	cps
Cadmium	111-1	3637	3545	3846	3676	4.20	cps
Cadmium	106-1	3184	3326	3492	3334	4.63	cps
Cadmium	108-1	513	613	617	581	10.16	cps
Calcium	43-1	1710380	1727739	1741065	1726395	0.89	cps
Calcium	44-1	27107534	27077015	27010040	27064863	0.18	cps
Chromium	52-2	155378	157758	155257	156131	0.90	cps
Cobalt	59-2	189372	189021	189011	189134	0.11	cps
Copper	63-2	438433	434298	432390	435041	0.71	cps
Dysprosium	156-1	134655	136113	135278	135349	0.54	cps
Dysprosium	156-2	50678	51073	49580	50444	1.53	cps
Erbium	164-1	122842	121901	121438	122060	0.59	cps
Erbium	164-2	39544	39577	38420	39180	1.68	cps
Gadolinium	160-1	138944	140645	140062	139884	0.62	cps
Gadolinium	160-2	60225	60014	59997	60079	0.21	cps
Holmium	165-1	6048690	6219396	6130701	6132929	1.39	cps
Holmium	165-2	2022399	2106170	2020094	2049554	2.39	cps
Indium	115-1	5264078	5401357	5324178	5329871	1.29	cps
Indium	115-2	377844	394235	377863	383314	2.47	cps
Iron	56-2	187432638	188096376	190001993	188510336	0.71	cps
Iron	57-2	4712775	4778594	4818327	4769899	1.12	cps
Krypton	83-1	807	760	833	800	4.64	cps
Lead	206-1	525545	528726	528203	527491	0.32	cps
Lead	207-1	435917	440815	439754	438829	0.59	cps
Lead	208-1	2051110	2059438	2058900	2056483	0.23	cps
Lithium	6-1	285063	290291	292788	289381	1.36	cps
Magnesium	24-2	2644505	2611147	2638564	2631405	0.68	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-06	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:34:23	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2192412	2167952	2149780	2170048	0.99	cps
Molybdenum	94-1	206032	207836	209003	207624	0.72	cps
Molybdenum	95-1	12757	12740	13533	13010	3.48	cps
Molybdenum	96-1	48070	48413	48688	48390	0.64	cps
Molybdenum	97-1	8270	8495	7853	8206	3.97	cps
Molybdenum	98-1	20174	20750	20007	20310	1.92	cps
Neodymium	150-1	173967	174775	174518	174420	0.24	cps
Neodymium	150-2	39573	38627	38229	38810	1.78	cps
Nickel	60-2	133692	133920	133139	133584	0.30	cps
Phosphorus	31-2	3892	4301	4126	4106	4.99	cps
Potassium	39-2	212256	209584	209827	210556	0.70	cps
Rhodium	103-1	5166463	5283800	5246268	5232177	1.15	cps
Rhodium	103-2	1933363	2013703	1919999	1955688	2.59	cps
Scandium	45-1	3629826	3675435	3708039	3671100	1.07	cps
Scandium	45-2	49085	50902	48447	49478	2.57	cps
Selenium	77-2	253	233	323	270	17.50	cps
Selenium	78-2	148	163	159	157	4.92	cps
Selenium	82-1	179	225	204	202	11.54	cps
Silicon	28-1	16589625	16658256	16535153	16594345	0.37	cps
Silver	109-1	2492	2484	2300	2425	4.47	cps
Silver	107-1	3226	2775	2684	2895	10.02	cps
Sodium	23-2	81600	82581	83931	82704	1.41	cps
Strontium	86-1	619976	623095	614870	619314	0.67	cps
Strontium	88-1	5366885	5398973	5407133	5390997	0.39	cps
Sulfur	34-1	306337	310329	306564	307744	0.73	cps
Terbium	159-1	6301420	6497043	6391533	6396665	1.53	cps
Terbium	159-2	2012214	2137783	1959365	2036454	4.50	cps
Thallium	203-1	2350	2067	2225	2214	6.41	cps
Thallium	205-1	5076	4968	5235	5093	2.63	cps
Tin	118-1	6894	6602	6394	6630	3.79	cps
Titanium	47-1	155118	156013	157227	156119	0.68	cps
Uranium	238-1	42490	44088	45652	44077	3.59	cps
Vanadium	51-2	103042	103489	103593	103375	0.28	cps
Yttrium	89-1	7590593	7821116	7611130	7674280	1.66	cps
Yttrium	89-2	408907	419669	405334	411304	1.81	cps
Zinc	66-2	138573	138783	137921	138426	0.32	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-06	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:34:23	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	555235	560716	556160	557370	0.53	cps
Zirconium	91-1	122339	122792	122169	122434	0.26	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-07	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:37:45	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	707465	695627	705325	702806	0.90	cps
Antimony	121-1	767	750	1025	847	18.20	cps
Arsenic	75-2	6266	6255	6159	6227	0.95	cps
Barium	135-1	1542201	1526129	1549347	1539226	0.77	cps
Barium	137-1	2700547	2698799	2699830	2699725	0.03	cps
Beryllium	9-1	3571	3644	3707	3641	1.88	cps
Bismuth	209-1	3552663	3560471	3294033	3469056	4.37	cps
Bismuth	209-2	1409011	1376491	1398923	1394808	1.19	cps
Boron	10-1	3067	2917	2925	2970	2.84	cps
Boron	11-1	15401	14967	16026	15465	3.44	cps
Cadmium	111-1	3164	3405	3432	3334	4.42	cps
Cadmium	106-1	3109	3334	3384	3276	4.47	cps
Cadmium	108-1	529	529	488	515	4.67	cps
Calcium	43-1	1507599	1516982	1545799	1523460	1.31	cps
Calcium	44-1	24201526	24104693	24709029	24338416	1.33	cps
Chromium	52-2	110656	111453	112633	111581	0.89	cps
Cobalt	59-2	147599	145559	147582	146913	0.80	cps
Copper	63-2	295694	297172	299661	297509	0.67	cps
Dysprosium	156-1	168196	168129	171304	169210	1.07	cps
Dysprosium	156-2	58282	59220	59505	59002	1.08	cps
Erbium	164-1	142347	144672	146999	144673	1.61	cps
Erbium	164-2	47078	46868	47530	47159	0.72	cps
Gadolinium	160-1	162926	165269	165445	164547	0.85	cps
Gadolinium	160-2	69551	70650	70734	70312	0.94	cps
Holmium	165-1	5795940	5968811	5538770	5767840	3.75	cps
Holmium	165-2	2028944	1990349	2009570	2009621	0.96	cps
Indium	115-1	5119429	5256972	4790676	5055692	4.74	cps
Indium	115-2	380782	371612	382862	378418	1.58	cps
Iron	56-2	136835664	136100895	137378239	136771599	0.47	cps
Iron	57-2	3522344	3439857	3511068	3491090	1.28	cps
Krypton	83-1	927	857	850	878	4.84	cps
Lead	206-1	671128	673379	684721	676409	1.08	cps
Lead	207-1	555248	551882	562551	556560	0.98	cps
Lead	208-1	2605320	2601925	2640817	2616020	0.82	cps
Lithium	6-1	272526	268316	260076	266972	2.37	cps
Magnesium	24-2	1939163	1963796	1931309	1944756	0.87	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-07	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:37:45	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1767341	1762678	1760674	1763564	0.19	cps
Molybdenum	94-1	232209	229936	235305	232483	1.16	cps
Molybdenum	95-1	9704	9362	10088	9718	3.74	cps
Molybdenum	96-1	48622	48705	49943	49090	1.51	cps
Molybdenum	97-1	6102	6402	6227	6243	2.41	cps
Molybdenum	98-1	15376	15376	16277	15676	3.32	cps
Neodymium	150-1	245751	245337	245227	245438	0.11	cps
Neodymium	150-2	56605	54429	55229	55421	1.99	cps
Nickel	60-2	99382	99274	100345	99667	0.59	cps
Phosphorus	31-2	2892	2900	3009	2934	2.22	cps
Potassium	39-2	293034	289144	295320	292499	1.07	cps
Rhodium	103-1	4950814	5171376	4645773	4922654	5.36	cps
Rhodium	103-2	1947357	1886754	1954796	1929636	1.93	cps
Scandium	45-1	3459903	3575032	3275526	3436820	4.40	cps
Scandium	45-2	48012	45979	48326	47439	2.69	cps
Selenium	77-2	343	363	367	358	3.53	cps
Selenium	78-2	181	176	176	178	1.80	cps
Selenium	82-1	151	158	250	186	29.60	cps
Silicon	28-1	15598365	15593894	16008077	15733445	1.51	cps
Silver	109-1	2967	2834	2717	2839	4.41	cps
Silver	107-1	3242	3526	3534	3434	4.84	cps
Sodium	23-2	92710	95670	93616	93999	1.61	cps
Strontium	86-1	615070	614554	633095	620906	1.70	cps
Strontium	88-1	5354047	5336961	5410442	5367150	0.72	cps
Sulfur	34-1	300020	295425	302491	299312	1.20	cps
Terbium	159-1	6093393	6240374	5735492	6023086	4.31	cps
Terbium	159-2	2008174	1994488	2036429	2013031	1.06	cps
Thallium	203-1	3534	3667	4009	3737	6.56	cps
Thallium	205-1	8920	8720	9229	8956	2.86	cps
Tin	118-1	5026	4926	5101	5018	1.75	cps
Titanium	47-1	92297	90325	92875	91832	1.46	cps
Uranium	238-1	212327	208104	216134	212189	1.89	cps
Vanadium	51-2	76120	75314	75559	75664	0.55	cps
Yttrium	89-1	7730531	7818333	7292935	7613933	3.70	cps
Yttrium	89-2	428832	414432	420303	421189	1.72	cps
Zinc	66-2	107748	107963	109149	108287	0.70	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-07	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:37:45	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	630372	617799	634754	627641	1.40	cps
Zirconium	91-1	138549	138666	139215	138810	0.26	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-08	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:41:05	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	863080	861197	856330	860202	0.40	cps
Antimony	121-1	3559	3692	3342	3531	5.00	cps
Arsenic	75-2	7522	7343	7289	7385	1.66	cps
Barium	135-1	1500905	1499681	1511601	1504062	0.44	cps
Barium	137-1	2645542	2628011	2662716	2645423	0.66	cps
Beryllium	9-1	2757	2727	2950	2811	4.31	cps
Bismuth	209-1	3480703	3696414	3617016	3598044	3.03	cps
Bismuth	209-2	1439297	1438744	1425544	1434529	0.54	cps
Boron	10-1	1358	1350	1433	1381	3.32	cps
Boron	11-1	6677	7069	7160	6969	3.69	cps
Cadmium	111-1	4786	4936	4630	4784	3.19	cps
Cadmium	106-1	3142	3326	3276	3248	2.92	cps
Cadmium	108-1	538	567	471	525	9.36	cps
Calcium	43-1	1621258	1605491	1676030	1634260	2.27	cps
Calcium	44-1	25541448	25995026	26129340	25888605	1.19	cps
Chromium	52-2	149162	150064	148206	149144	0.62	cps
Cobalt	59-2	179045	177259	177661	177989	0.53	cps
Copper	63-2	427543	424960	425167	425890	0.34	cps
Dysprosium	156-1	135650	135041	139505	136732	1.77	cps
Dysprosium	156-2	48550	50176	49570	49432	1.66	cps
Erbium	164-1	121446	122397	121807	121884	0.39	cps
Erbium	164-2	38370	38751	39316	38812	1.23	cps
Gadolinium	160-1	140955	142279	142664	141966	0.63	cps
Gadolinium	160-2	59935	59247	59827	59669	0.62	cps
Holmium	165-1	5933180	6196046	6036509	6055245	2.19	cps
Holmium	165-2	2077066	2078164	2051569	2068933	0.73	cps
Indium	115-1	5145481	5338038	5278256	5253925	1.88	cps
Indium	115-2	389330	386799	387498	387875	0.34	cps
Iron	56-2	186267876	189361610	188801404	188143630	0.88	cps
Iron	57-2	4701961	4690143	4753401	4715169	0.71	cps
Krypton	83-1	890	837	857	861	3.13	cps
Lead	206-1	576759	566390	576288	573146	1.02	cps
Lead	207-1	481443	483843	482695	482660	0.25	cps
Lead	208-1	2254490	2243042	2266609	2254714	0.52	cps
Lithium	6-1	272862	282478	280418	278586	1.82	cps
Magnesium	24-2	2572645	2573556	2537978	2561393	0.79	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-08	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:41:05	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2281351	2292081	2257200	2276877	0.78	cps
Molybdenum	94-1	177843	177937	178281	178020	0.13	cps
Molybdenum	95-1	23421	22536	23087	23015	1.94	cps
Molybdenum	96-1	52327	52419	52637	52461	0.30	cps
Molybdenum	97-1	14417	14467	14367	14417	0.35	cps
Molybdenum	98-1	36316	36091	35715	36041	0.84	cps
Neodymium	150-1	169095	167672	172135	169634	1.34	cps
Neodymium	150-2	37718	38206	37761	37895	0.71	cps
Nickel	60-2	133135	131484	131470	132030	0.72	cps
Phosphorus	31-2	3342	3025	3159	3176	5.01	cps
Potassium	39-2	196704	195000	197045	196250	0.56	cps
Rhodium	103-1	5027926	5257267	5178550	5154581	2.26	cps
Rhodium	103-2	1994114	1976108	1964025	1978082	0.77	cps
Scandium	45-1	3526657	3741205	3591496	3619786	3.04	cps
Scandium	45-2	50477	49902	50066	50148	0.59	cps
Selenium	77-2	287	223	310	273	16.41	cps
Selenium	78-2	163	137	135	145	10.71	cps
Selenium	82-1	141	221	211	191	22.94	cps
Silicon	28-1	30287939	30703974	30877532	30623148	0.99	cps
Silver	109-1	5760	5451	5718	5643	2.97	cps
Silver	107-1	6344	6343	6035	6241	2.85	cps
Sodium	23-2	82196	80645	81660	81501	0.97	cps
Strontium	86-1	554581	561363	561697	559214	0.72	cps
Strontium	88-1	4868494	4902911	4845587	4872331	0.59	cps
Sulfur	34-1	285541	289589	287897	287676	0.71	cps
Terbium	159-1	6166581	6452327	6329937	6316282	2.27	cps
Terbium	159-2	2107443	2044105	2057322	2069623	1.61	cps
Thallium	203-1	4318	4193	4193	4234	1.70	cps
Thallium	205-1	10622	10672	10313	10536	1.84	cps
Tin	118-1	6202	7152	7186	6847	8.16	cps
Titanium	47-1	153905	158927	160310	157714	2.14	cps
Uranium	238-1	56722	55524	56931	56392	1.35	cps
Vanadium	51-2	102956	102545	101529	102344	0.72	cps
Yttrium	89-1	7479432	7849153	7622621	7650402	2.44	cps
Yttrium	89-2	407829	411873	405900	408534	0.75	cps
Zinc	66-2	138646	139530	138426	138868	0.42	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-08	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:41:05	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	455763	459221	454005	456329	0.58	cps
Zirconium	91-1	100739	101713	100076	100842	0.82	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:50:33	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	415187	410015	412314	412506	0.63	cps
Antimony	121-1	3047764	3063868	3079721	3063785	0.52	cps
Arsenic	75-2	62191	62087	62150	62143	0.08	cps
Barium	135-1	3039341	2996730	3032120	3022730	0.75	cps
Barium	137-1	5239587	5176810	5218191	5211530	0.61	cps
Beryllium	9-1	223821	219383	225989	223064	1.51	cps
Bismuth	209-1	3393973	3680237	3539024	3537744	4.05	cps
Bismuth	209-2	1384934	1380903	1357912	1374583	1.06	cps
Boron	10-1	29114	29490	29440	29348	0.69	cps
Boron	11-1	152362	156304	158400	155689	1.97	cps
Cadmium	111-1	681455	680292	681383	681043	0.10	cps
Cadmium	106-1	72445	73039	70752	72079	1.65	cps
Cadmium	108-1	49014	48809	48496	48773	0.54	cps
Calcium	43-1	3547763	3496636	3498378	3514259	0.83	cps
Calcium	44-1	57318247	55722366	56066079	56368897	1.49	cps
Chromium	52-2	474728	480744	473128	476200	0.84	cps
Cobalt	59-2	917035	921950	914189	917725	0.43	cps
Copper	63-2	1524827	1532293	1545176	1534099	0.67	cps
Dysprosium	156-1	75	50	33	53	39.74	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	8	33	33	25	57.74	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	33	67	125	75	61.87	cps
Gadolinium	160-2	27	13	13	18	43.33	cps
Holmium	165-1	5837445	6309291	6010705	6052480	3.94	cps
Holmium	165-2	2037066	1982615	1985254	2001645	1.53	cps
Indium	115-1	5015004	5454286	5276208	5248500	4.21	cps
Indium	115-2	381225	376541	370885	376217	1.38	cps
Iron	56-2	83649680	84047641	82461391	83386237	0.99	cps
Iron	57-2	2125607	2176889	2111814	2138103	1.60	cps
Krypton	83-1	713	743	740	732	2.25	cps
Lead	206-1	1512141	1507067	1502133	1507114	0.33	cps
Lead	207-1	1357047	1368331	1358582	1361320	0.45	cps
Lead	208-1	6203026	6191401	6214491	6202973	0.19	cps
Lithium	6-1	262695	277260	273368	271108	2.78	cps
Magnesium	24-2	8150469	8212518	8187977	8183655	0.38	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:50:33	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	299708	297445	298284	298479	0.38	cps
Molybdenum	94-1	5525405	5512652	5492778	5510279	0.30	cps
Molybdenum	95-1	6748954	6825044	6704420	6759473	0.90	cps
Molybdenum	96-1	7516958	7580964	7482952	7526958	0.66	cps
Molybdenum	97-1	4232040	4195479	4214233	4213917	0.43	cps
Molybdenum	98-1	10703134	10917663	10790031	10803610	1.00	cps
Neodymium	150-1	147	133	127	136	7.51	cps
Neodymium	150-2	13	3	7	8	65.47	cps
Nickel	60-2	274024	270546	276377	273649	1.07	cps
Phosphorus	31-2	6143	6410	6177	6243	2.33	cps
Potassium	39-2	2613786	2646750	2604789	2621775	0.84	cps
Rhodium	103-1	4883010	5342102	5052078	5092397	4.56	cps
Rhodium	103-2	1929898	1901067	1903859	1911608	0.83	cps
Scandium	45-1	3297136	3500199	3390348	3395894	2.99	cps
Scandium	45-2	47136	46336	45564	46345	1.70	cps
Selenium	77-2	543	473	453	490	9.64	cps
Selenium	78-2	1785	1708	1661	1718	3.65	cps
Selenium	82-1	45675	44785	45884	45448	1.29	cps
Silicon	28-1	1471145	1520080	1532053	1507759	2.14	cps
Silver	109-1	3149736	3122881	3135743	3136120	0.43	cps
Silver	107-1	3329288	3315114	3274785	3306396	0.86	cps
Sodium	23-2	18152729	18234513	18100122	18162455	0.37	cps
Strontium	86-1	847392	826347	834806	836181	1.27	cps
Strontium	88-1	7287611	7043455	7166907	7165991	1.70	cps
Sulfur	34-1	509116	506339	502795	506084	0.63	cps
Terbium	159-1	6119633	6507743	6299012	6308796	3.08	cps
Terbium	159-2	2033883	1996466	1982665	2004338	1.32	cps
Thallium	203-1	1939440	1957992	1947675	1948369	0.48	cps
Thallium	205-1	4620394	4602090	4578369	4600284	0.46	cps
Tin	118-1	2114147	2109785	2102919	2108950	0.27	cps
Titanium	47-1	1797897	1763662	1771343	1777634	1.01	cps
Uranium	238-1	5847556	5868530	5890881	5868989	0.37	cps
Vanadium	51-2	341903	341433	341975	341770	0.09	cps
Yttrium	89-1	5709729	6061248	5862273	5877750	3.00	cps
Yttrium	89-2	311260	302821	302447	305509	1.63	cps
Zinc	66-2	171573	171176	171587	171445	0.14	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:50:33	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4622445	4543599	4619428	4595157	0.97	cps
Zirconium	91-1	1004976	984417	997566	995653	1.05	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : CCB06 Instrumnet Name : P8
 Client Sample ID : CCB06 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-26 14:58:49 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48	40	30	39	22.41	cps
Antimony	121-1	492	608	958	686	35.40	cps
Arsenic	75-2	7	4	0	4	100.05	cps
Barium	135-1	17	25	8	17	50.01	cps
Barium	137-1	0	50	17	22	114.56	cps
Beryllium	9-1	17	10	23	17	39.99	cps
Bismuth	209-1	3276199	2745295	3243080	3088191	9.63	cps
Bismuth	209-2	1375255	1370306	1368059	1371207	0.27	cps
Boron	10-1	200	225	200	208	6.93	cps
Boron	11-1	1158	1108	1092	1120	3.10	cps
Cadmium	111-1	937	854	963	918	6.23	cps
Cadmium	106-1	1333	1217	1367	1306	6.03	cps
Cadmium	108-1	13	21	8	14	45.83	cps
Calcium	43-1	323	367	320	337	7.73	cps
Calcium	44-1	58167	57829	56630	57542	1.40	cps
Chromium	52-2	1843	1630	1733	1736	6.15	cps
Cobalt	59-2	33	40	30	34	14.78	cps
Copper	63-2	290	233	360	294	21.55	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	33	25	33	25.01	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	67	8	33	36	81.06	cps
Gadolinium	160-2	3	10	10	8	49.52	cps
Holmium	165-1	5356794	4484220	5204608	5015207	9.29	cps
Holmium	165-2	1924002	1920413	1915015	1919810	0.24	cps
Indium	115-1	4871417	4134798	4683933	4563383	8.39	cps
Indium	115-2	372793	374015	373355	373388	0.16	cps
Iron	56-2	3378	3417	3412	3402	0.62	cps
Iron	57-2	94	56	83	78	25.75	cps
Krypton	83-1	813	663	727	734	10.25	cps
Lead	206-1	356	272	367	332	15.57	cps
Lead	207-1	300	350	339	330	7.96	cps
Lead	208-1	1372	1339	1495	1402	5.84	cps
Lithium	6-1	249014	213824	243253	235364	8.02	cps
Magnesium	24-2	242	250	217	236	7.35	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:58:49	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60	67	73	67	10.00	cps
Molybdenum	94-1	233	350	333	306	20.65	cps
Molybdenum	95-1	125	225	158	169	30.05	cps
Molybdenum	96-1	233	183	242	219	14.38	cps
Molybdenum	97-1	383	350	508	414	20.17	cps
Molybdenum	98-1	192	300	292	261	23.09	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	137	83	87	102	29.22	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	5518	6060	5568	5715	5.24	cps
Rhodium	103-1	4899094	4087905	4717530	4568177	9.32	cps
Rhodium	103-2	1981290	1953865	1977328	1970828	0.75	cps
Scandium	45-1	3019294	2541180	2913639	2824704	8.89	cps
Scandium	45-2	43644	43380	43835	43620	0.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	2	0	2	114.63	cps
Selenium	82-1	-278	-47	-175	-167	-69.26	cps
Silicon	28-1	188801	192184	187218	189401	1.34	cps
Silver	109-1	75	133	158	122	34.99	cps
Silver	107-1	158	200	175	178	11.80	cps
Sodium	23-2	23746	23387	23504	23545	0.78	cps
Strontium	86-1	933	942	942	939	0.51	cps
Strontium	88-1	58	150	125	111	42.65	cps
Sulfur	34-1	295113	296081	292004	294399	0.72	cps
Terbium	159-1	5659313	4702426	5503831	5288524	9.71	cps
Terbium	159-2	1917308	1914922	1901821	1911350	0.44	cps
Thallium	203-1	125	117	108	117	7.14	cps
Thallium	205-1	208	258	208	225	12.83	cps
Tin	118-1	425	567	558	517	15.39	cps
Titanium	47-1	142	100	117	119	17.56	cps
Uranium	238-1	42	42	17	33	43.30	cps
Vanadium	51-2	7	27	17	17	59.99	cps
Yttrium	89-1	5211211	4353714	5058427	4874451	9.38	cps
Yttrium	89-2	294735	294950	297796	295827	0.58	cps
Zinc	66-2	147	130	97	124	20.46	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 14:58:49	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	575	483	475	511	10.86	cps
Zirconium	91-1	125	83	58	89	37.89	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-09	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:02:15	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1187576	1206396	1186959	1193644	0.93	cps
Antimony	121-1	2650	2734	2492	2625	4.68	cps
Arsenic	75-2	9766	9489	9579	9611	1.47	cps
Barium	135-1	1914759	1917479	1924730	1918990	0.27	cps
Barium	137-1	3380267	3378585	3393065	3383972	0.23	cps
Beryllium	9-1	3124	3234	3240	3199	2.05	cps
Bismuth	209-1	3388847	3412440	3383828	3395038	0.45	cps
Bismuth	209-2	339303	12781	347411	233165	81.87	cps
Boron	10-1	867	1083	1183	1045	15.50	cps
Boron	11-1	5043	6002	5810	5618	9.03	cps
Cadmium	111-1	5750	5240	6085	5691	7.48	cps
Cadmium	106-1	3384	3042	3709	3378	9.87	cps
Cadmium	108-1	629	671	613	638	4.71	cps
Calcium	43-1	215183	219950	220000	218378	1.27	cps
Calcium	44-1	3598859	3671894	3659539	3643431	1.07	cps
Chromium	52-2	198565	193862	195486	195971	1.22	cps
Cobalt	59-2	257760	255031	254108	255633	0.74	cps
Copper	63-2	556495	561337	550531	556121	0.97	cps
Dysprosium	156-1	190808	197227	192668	193568	1.71	cps
Dysprosium	156-2	74713	74746	74766	74742	0.04	cps
Erbium	164-1	168514	171968	173821	171434	1.57	cps
Erbium	164-2	57434	58164	58130	57909	0.71	cps
Gadolinium	160-1	196714	198535	202029	199092	1.36	cps
Gadolinium	160-2	90510	90989	92290	91263	1.01	cps
Holmium	165-1	5744086	5771723	5811995	5775935	0.59	cps
Holmium	165-2	495993	40471	506372	347612	76.53	cps
Indium	115-1	5072986	5021682	5050682	5048450	0.51	cps
Indium	115-2	93194	1315	90256	61588	84.79	cps
Iron	56-2	235130889	237880094	234250016	235753666	0.80	cps
Iron	57-2	5910105	5971255	5882472	5921277	0.77	cps
Krypton	83-1	960	860	927	916	5.56	cps
Lead	206-1	4502197	4613752	4657285	4591078	1.74	cps
Lead	207-1	3730504	3878705	3876686	3828632	2.22	cps
Lead	208-1	17392847	17801237	17914668	17702917	1.55	cps
Lithium	6-1	270499	267019	270310	269276	0.73	cps
Magnesium	24-2	2263166	2274360	2282140	2273222	0.42	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-09	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:02:15	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4819589	4846704	4774980	4813758	0.75	cps
Molybdenum	94-1	190546	196164	195354	194021	1.57	cps
Molybdenum	95-1	29917	31187	29742	30282	2.60	cps
Molybdenum	96-1	62227	64513	62662	63134	1.92	cps
Molybdenum	97-1	18939	19223	19173	19111	0.79	cps
Molybdenum	98-1	47083	48279	47744	47702	1.26	cps
Neodymium	150-1	227648	234982	232343	231658	1.60	cps
Neodymium	150-2	54821	54858	54446	54708	0.42	cps
Nickel	60-2	157903	153168	153516	154862	1.70	cps
Phosphorus	31-2	3409	3009	3576	3331	8.75	cps
Potassium	39-2	174737	176931	176044	175904	0.63	cps
Rhodium	103-1	5006552	5001134	4941076	4982921	0.73	cps
Rhodium	103-2	470868	5239	449763	308623	85.20	cps
Scandium	45-1	3548592	3522486	3534850	3535309	0.37	cps
Scandium	45-2	17008	6228	16029	13088	45.55	cps
Selenium	77-2	490	427	380	432	12.77	cps
Selenium	78-2	191	230	230	217	10.36	cps
Selenium	82-1	235	439	255	310	36.29	cps
Silicon	28-1	32006396	32792085	32413207	32403896	1.21	cps
Silver	109-1	2125	2034	2259	2139	5.29	cps
Silver	107-1	2509	2325	2275	2370	5.19	cps
Sodium	23-2	75208	73482	74295	74328	1.16	cps
Strontium	86-1	141004	141233	142857	141698	0.71	cps
Strontium	88-1	1213533	1231165	1244952	1229883	1.28	cps
Sulfur	34-1	260502	254701	249415	254873	2.18	cps
Terbium	159-1	6049810	6095779	6057387	6067659	0.41	cps
Terbium	159-2	506437	43664	508380	352827	75.89	cps
Thallium	203-1	2542	2500	2475	2506	1.34	cps
Thallium	205-1	5643	5593	5718	5652	1.11	cps
Tin	118-1	9295	9838	9996	9710	3.78	cps
Titanium	47-1	184721	193670	190264	189552	2.38	cps
Uranium	238-1	55801	58011	56781	56864	1.95	cps
Vanadium	51-2	134867	134888	134059	134605	0.35	cps
Yttrium	89-1	8012460	8019691	8107524	8046558	0.66	cps
Yttrium	89-2	225872	147993	217383	197083	21.68	cps
Zinc	66-2	266636	270813	268468	268639	0.78	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-09	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:02:15	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	476712	488327	493630	486223	1.78	cps
Zirconium	91-1	105996	107774	107868	107213	0.98	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-10	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:05:38	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1243587	1250648	1237368	1243868	0.53	cps
Antimony	121-1	1225	1358	1283	1289	5.19	cps
Arsenic	75-2	10254	10361	10041	10219	1.60	cps
Barium	135-1	1943953	1942716	1958533	1948401	0.45	cps
Barium	137-1	3394596	3395844	3346333	3378925	0.84	cps
Beryllium	9-1	4577	4758	4184	4506	6.51	cps
Bismuth	209-1	3707704	3554808	3689118	3650544	2.29	cps
Bismuth	209-2	1355526	1311085	1448051	1371554	5.09	cps
Boron	10-1	958	1058	875	964	9.52	cps
Boron	11-1	4868	4576	4968	4804	4.24	cps
Cadmium	111-1	6987	6925	7084	6999	1.15	cps
Cadmium	106-1	5693	5718	5818	5743	1.15	cps
Cadmium	108-1	658	642	717	672	5.86	cps
Calcium	43-1	2064660	2096344	2056620	2072541	1.01	cps
Calcium	44-1	33031845	33397758	32782448	33070683	0.94	cps
Chromium	52-2	186121	186438	183114	185224	0.99	cps
Cobalt	59-2	258129	259422	258717	258756	0.25	cps
Copper	63-2	506253	502687	497113	502018	0.92	cps
Dysprosium	156-1	838366	842271	835859	838832	0.39	cps
Dysprosium	156-2	323073	322044	318447	321188	0.76	cps
Erbium	164-1	619085	619986	620845	619972	0.14	cps
Erbium	164-2	195863	195122	194950	195312	0.25	cps
Gadolinium	160-1	909212	903476	896165	902951	0.72	cps
Gadolinium	160-2	387643	383268	382369	384427	0.73	cps
Holmium	165-1	6634914	6209203	6622234	6488784	3.73	cps
Holmium	165-2	2076943	1972544	2177621	2075703	4.94	cps
Indium	115-1	5493351	5150352	5519437	5387713	3.82	cps
Indium	115-2	370985	355978	393157	373373	5.01	cps
Iron	56-2	241211967	241111383	236427894	239583748	1.14	cps
Iron	57-2	5990594	6123185	6014431	6042736	1.17	cps
Krypton	83-1	1417	1333	1327	1359	3.69	cps
Lead	206-1	3485553	3506779	3458433	3483588	0.70	cps
Lead	207-1	2989378	2982441	2925094	2965638	1.19	cps
Lead	208-1	13636925	13688278	13411261	13578822	1.09	cps
Lithium	6-1	283371	272381	283121	279624	2.24	cps
Magnesium	24-2	2275760	2286937	2261020	2274572	0.57	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-10	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:05:38	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3715768	3635679	3673102	3674849	1.09	cps
Molybdenum	94-1	205281	214613	208901	209598	2.24	cps
Molybdenum	95-1	27178	27262	26026	26822	2.57	cps
Molybdenum	96-1	63216	62361	63416	62998	0.89	cps
Molybdenum	97-1	16970	17604	16703	17092	2.71	cps
Molybdenum	98-1	42651	43237	43713	43200	1.23	cps
Neodymium	150-1	635824	644171	639032	639676	0.66	cps
Neodymium	150-2	141824	141123	141466	141471	0.25	cps
Nickel	60-2	158801	159309	159286	159132	0.18	cps
Phosphorus	31-2	37326	38245	37158	37576	1.56	cps
Potassium	39-2	143999	141632	141556	142396	0.98	cps
Rhodium	103-1	5330080	5038515	5364897	5244497	3.42	cps
Rhodium	103-2	1885081	1833189	1980067	1899446	3.92	cps
Scandium	45-1	3853832	3667084	3807195	3776037	2.57	cps
Scandium	45-2	49203	48096	52190	49829	4.25	cps
Selenium	77-2	1343	1440	1413	1399	3.57	cps
Selenium	78-2	1059	1048	1033	1047	1.24	cps
Selenium	82-1	1088	1192	1228	1169	6.18	cps
Silicon	28-1	17010745	17265951	16873870	17050189	1.17	cps
Silver	109-1	2342	2342	2017	2234	8.40	cps
Silver	107-1	2584	2700	2509	2598	3.72	cps
Sodium	23-2	128797	127946	128618	128454	0.35	cps
Strontium	86-1	687937	695701	694617	692752	0.61	cps
Strontium	88-1	6010286	6072104	6013442	6031944	0.58	cps
Sulfur	34-1	249254	250212	244637	248034	1.20	cps
Terbium	159-1	6958264	6566470	6954503	6826412	3.30	cps
Terbium	159-2	2121261	2036588	2222491	2126780	4.38	cps
Thallium	203-1	2375	2292	2142	2270	5.21	cps
Thallium	205-1	5060	5235	5393	5229	3.19	cps
Tin	118-1	18739	19164	18539	18814	1.70	cps
Titanium	47-1	151808	152155	150858	151607	0.44	cps
Uranium	238-1	71775	70861	69780	70805	1.41	cps
Vanadium	51-2	126347	127663	125322	126444	0.93	cps
Yttrium	89-1	16626550	16379081	16884961	16630197	1.52	cps
Yttrium	89-2	870444	862402	890175	874340	1.63	cps
Zinc	66-2	279251	277692	279726	278890	0.38	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-10	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:05:38	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	536697	542185	533244	537375	0.84	cps
Zirconium	91-1	117159	119892	120120	119057	1.38	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-11	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:08:57	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1235747	1243354	1225982	1235028	0.71	cps
Antimony	121-1	2184	2217	2367	2256	4.33	cps
Arsenic	75-2	12934	12695	13023	12884	1.32	cps
Barium	135-1	2089485	2092075	2116432	2099330	0.71	cps
Barium	137-1	3623156	3671560	3725685	3673467	1.40	cps
Beryllium	9-1	3500	3454	3414	3456	1.26	cps
Bismuth	209-1	3348230	3491635	3472251	3437372	2.26	cps
Bismuth	209-2	1396430	1393329	1398482	1396081	0.19	cps
Boron	10-1	933	925	1150	1003	12.72	cps
Boron	11-1	5093	5076	5159	5109	0.86	cps
Cadmium	111-1	5178	5467	5530	5391	3.49	cps
Cadmium	106-1	3151	3601	3467	3406	6.79	cps
Cadmium	108-1	600	571	646	606	6.24	cps
Calcium	43-1	186773	186828	188249	187283	0.45	cps
Calcium	44-1	3139794	3108182	3133317	3127098	0.53	cps
Chromium	52-2	193768	196191	196280	195413	0.73	cps
Cobalt	59-2	274483	275815	276342	275547	0.35	cps
Copper	63-2	732966	729590	739637	734064	0.70	cps
Dysprosium	156-1	216119	217142	216866	216709	0.24	cps
Dysprosium	156-2	82441	82230	83293	82655	0.68	cps
Erbium	164-1	192780	192047	197448	194092	1.51	cps
Erbium	164-2	63856	64649	63202	63903	1.13	cps
Gadolinium	160-1	226033	227376	229799	227736	0.84	cps
Gadolinium	160-2	98898	97558	97645	98034	0.76	cps
Holmium	165-1	5668659	5815093	5965635	5816463	2.55	cps
Holmium	165-2	2045676	2051453	2035923	2044351	0.38	cps
Indium	115-1	4838036	5030453	5081926	4983472	2.58	cps
Indium	115-2	381531	375542	367430	374834	1.89	cps
Iron	56-2	246561572	242336500	246092000	244996691	0.95	cps
Iron	57-2	6104810	6038680	6173380	6105623	1.10	cps
Krypton	83-1	1003	957	927	962	4.02	cps
Lead	206-1	3213156	3253120	3259436	3241904	0.77	cps
Lead	207-1	2691033	2756462	2774576	2740690	1.60	cps
Lead	208-1	12395445	12710126	12744602	12616724	1.53	cps
Lithium	6-1	252706	262817	264746	260090	2.49	cps
Magnesium	24-2	2291105	2246918	2297824	2278616	1.21	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-11	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:08:57	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4457991	4495542	4499586	4484373	0.51	cps
Molybdenum	94-1	207225	205343	210120	207563	1.16	cps
Molybdenum	95-1	33325	33576	34654	33852	2.08	cps
Molybdenum	96-1	69463	70517	70869	70283	1.04	cps
Molybdenum	97-1	21142	20875	21727	21248	2.05	cps
Molybdenum	98-1	52938	54276	54167	53794	1.38	cps
Neodymium	150-1	238333	237689	241118	239047	0.76	cps
Neodymium	150-2	55025	53539	53649	54071	1.53	cps
Nickel	60-2	156097	154188	155893	155393	0.67	cps
Phosphorus	31-2	3167	3292	3492	3317	4.94	cps
Potassium	39-2	175400	176832	179912	177381	1.30	cps
Rhodium	103-1	4724705	4920769	5007910	4884461	2.97	cps
Rhodium	103-2	1978850	1949186	1923768	1950601	1.41	cps
Scandium	45-1	3410377	3442508	3533374	3462086	1.84	cps
Scandium	45-2	49507	50802	49430	49913	1.54	cps
Selenium	77-2	417	457	440	438	4.59	cps
Selenium	78-2	213	241	246	233	7.65	cps
Selenium	82-1	258	299	276	278	7.32	cps
Silicon	28-1	33830873	35291724	35922044	35014880	3.06	cps
Silver	109-1	2284	2434	2250	2323	4.21	cps
Silver	107-1	2450	2367	2300	2373	3.17	cps
Sodium	23-2	69102	70392	71371	70288	1.62	cps
Strontium	86-1	141142	145780	144088	143670	1.63	cps
Strontium	88-1	1229409	1235257	1232119	1232262	0.24	cps
Sulfur	34-1	212750	208741	211233	210908	0.96	cps
Terbium	159-1	6039428	6131719	6174026	6115058	1.13	cps
Terbium	159-2	2072213	2040170	1999508	2037297	1.79	cps
Thallium	203-1	2475	2559	2717	2584	4.75	cps
Thallium	205-1	5935	5868	5885	5896	0.59	cps
Tin	118-1	6185	6352	6752	6430	4.53	cps
Titanium	47-1	194427	196608	197302	196112	0.77	cps
Uranium	238-1	51407	54186	54011	53201	2.93	cps
Vanadium	51-2	128271	128015	127709	127998	0.22	cps
Yttrium	89-1	8256966	8311694	8395407	8321356	0.84	cps
Yttrium	89-2	466716	456773	460546	461345	1.09	cps
Zinc	66-2	290459	290749	293781	291663	0.63	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-11	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:08:57	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	520868	521344	533964	525392	1.41	cps
Zirconium	91-1	115496	117109	115631	116079	0.77	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:12:18	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1263956	1246533	1242640	1251043	0.91	cps
Antimony	121-1	1609	1592	1675	1625	2.71	cps
Arsenic	75-2	13531	13471	13351	13451	0.68	cps
Barium	135-1	2120448	2108446	2110595	2113163	0.30	cps
Barium	137-1	3710868	3674708	3645616	3677064	0.89	cps
Beryllium	9-1	3651	4034	3570	3752	6.61	cps
Bismuth	209-1	3557062	3600945	3687008	3615005	1.83	cps
Bismuth	209-2	1454595	1478412	1422140	1451716	1.95	cps
Boron	10-1	942	1175	1083	1067	11.02	cps
Boron	11-1	4668	4676	5076	4807	4.86	cps
Cadmium	111-1	4979	5067	4885	4977	1.83	cps
Cadmium	106-1	3442	3851	3267	3520	8.51	cps
Cadmium	108-1	604	667	546	606	9.98	cps
Calcium	43-1	174047	174437	169164	172549	1.70	cps
Calcium	44-1	2910878	2955158	2807803	2891280	2.62	cps
Chromium	52-2	190268	191994	189345	190536	0.71	cps
Cobalt	59-2	264673	265601	264231	264835	0.26	cps
Copper	63-2	639197	638803	637010	638337	0.18	cps
Dysprosium	156-1	223915	221065	219008	221329	1.11	cps
Dysprosium	156-2	82354	81995	81811	82053	0.34	cps
Erbium	164-1	204976	200919	198613	201503	1.60	cps
Erbium	164-2	63983	63909	64865	64252	0.83	cps
Gadolinium	160-1	231610	234279	230434	232108	0.85	cps
Gadolinium	160-2	99250	100550	99850	99883	0.65	cps
Holmium	165-1	5987754	6054531	6214933	6085739	1.92	cps
Holmium	165-2	2120378	2127869	2080059	2109435	1.22	cps
Indium	115-1	5169232	5356849	5320527	5282203	1.88	cps
Indium	115-2	387316	387080	368277	380891	2.87	cps
Iron	56-2	252691417	253636695	250552183	252293432	0.63	cps
Iron	57-2	6396722	6435440	6307217	6379793	1.03	cps
Krypton	83-1	973	970	930	958	2.52	cps
Lead	206-1	2937097	2893317	2904670	2911695	0.78	cps
Lead	207-1	2455944	2417480	2411016	2428147	1.00	cps
Lead	208-1	11299954	11200053	11181860	11227289	0.57	cps
Lithium	6-1	267279	264461	271207	267649	1.27	cps
Magnesium	24-2	2421907	2465862	2421245	2436338	1.05	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:12:18	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4224409	4171229	4086153	4160597	1.68	cps
Molybdenum	94-1	200941	209969	194689	201866	3.81	cps
Molybdenum	95-1	27387	29003	26569	27653	4.48	cps
Molybdenum	96-1	61557	63914	60428	61966	2.87	cps
Molybdenum	97-1	17153	17965	16911	17343	3.18	cps
Molybdenum	98-1	43170	46640	41674	43828	5.81	cps
Neodymium	150-1	249085	242792	246456	246111	1.28	cps
Neodymium	150-2	54797	54181	54048	54342	0.74	cps
Nickel	60-2	155355	154423	151211	153663	1.41	cps
Phosphorus	31-2	3217	3167	3626	3337	7.54	cps
Potassium	39-2	175270	174217	170192	173226	1.55	cps
Rhodium	103-1	5058391	5585653	5193998	5279347	5.19	cps
Rhodium	103-2	1975742	2010617	1915834	1967398	2.44	cps
Scandium	45-1	3594772	3766469	3673635	3678292	2.34	cps
Scandium	45-2	50758	51872	49123	50585	2.73	cps
Selenium	77-2	463	410	417	430	6.76	cps
Selenium	78-2	241	194	211	215	10.88	cps
Selenium	82-1	327	298	337	320	6.28	cps
Silicon	28-1	31199181	31101861	29941023	30747355	2.28	cps
Silver	109-1	2384	2234	2150	2256	5.24	cps
Silver	107-1	2775	2759	2600	2712	3.56	cps
Sodium	23-2	64556	64422	63953	64310	0.49	cps
Strontium	86-1	114570	116695	113362	114876	1.47	cps
Strontium	88-1	980103	1011720	977326	989716	1.93	cps
Sulfur	34-1	213796	216800	214371	214989	0.74	cps
Terbium	159-1	6295339	6375334	6482999	6384557	1.47	cps
Terbium	159-2	2130168	2140811	2001022	2090667	3.72	cps
Thallium	203-1	2300	2417	2259	2325	3.53	cps
Thallium	205-1	5585	5927	5785	5765	2.98	cps
Tin	118-1	6118	6043	6327	6163	2.38	cps
Titanium	47-1	170427	172211	166556	169731	1.70	cps
Uranium	238-1	56797	53727	54973	55166	2.80	cps
Vanadium	51-2	128102	128302	127845	128083	0.18	cps
Yttrium	89-1	8664649	9052474	8798502	8838542	2.23	cps
Yttrium	89-2	469671	473496	457321	466829	1.81	cps
Zinc	66-2	234354	232528	231899	232927	0.55	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:12:18	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	509129	528512	491595	509746	3.62	cps
Zirconium	91-1	114369	117363	109530	113754	3.47	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12DUP	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01DU	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:15:39	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1271886	1229359	1276880	1259375	2.07	cps
Antimony	121-1	1442	1675	1659	1592	8.18	cps
Arsenic	75-2	13227	13205	13349	13260	0.59	cps
Barium	135-1	2142214	2132940	2097627	2124261	1.11	cps
Barium	137-1	3696723	3730190	3646452	3691122	1.14	cps
Beryllium	9-1	3677	3617	3624	3639	0.90	cps
Bismuth	209-1	3604295	3665501	3616384	3628727	0.89	cps
Bismuth	209-2	1449965	1445655	1471289	1455636	0.94	cps
Boron	10-1	942	883	917	914	3.20	cps
Boron	11-1	5001	4901	4951	4951	1.01	cps
Cadmium	111-1	4642	5147	4668	4819	5.90	cps
Cadmium	106-1	3159	3359	3251	3256	3.08	cps
Cadmium	108-1	546	608	613	589	6.34	cps
Calcium	43-1	166159	172591	170692	169814	1.95	cps
Calcium	44-1	2776859	2921045	2850511	2849472	2.53	cps
Chromium	52-2	191345	190197	191737	191093	0.42	cps
Cobalt	59-2	266266	267136	267991	267131	0.32	cps
Copper	63-2	636187	644249	648744	643060	0.99	cps
Dysprosium	156-1	222440	231138	222675	225418	2.20	cps
Dysprosium	156-2	83052	82877	85038	83656	1.43	cps
Erbium	164-1	200847	207948	201153	203316	1.97	cps
Erbium	164-2	65056	65289	65695	65347	0.49	cps
Gadolinium	160-1	234814	240694	232651	236053	1.76	cps
Gadolinium	160-2	100255	101749	103492	101832	1.59	cps
Holmium	165-1	6114990	6190782	6110848	6138873	0.73	cps
Holmium	165-2	2115690	2109699	2148632	2124673	0.99	cps
Indium	115-1	5212650	5202605	5177573	5197610	0.35	cps
Indium	115-2	378105	377583	380196	378628	0.37	cps
Iron	56-2	254911011	255513083	253694183	254706093	0.36	cps
Iron	57-2	6357522	6337701	6428813	6374679	0.75	cps
Krypton	83-1	923	940	920	928	1.15	cps
Lead	206-1	2922844	3017646	2943542	2961344	1.68	cps
Lead	207-1	2471286	2566131	2469448	2502288	2.21	cps
Lead	208-1	11428769	11759602	11369176	11519182	1.83	cps
Lithium	6-1	267968	272919	270489	270459	0.92	cps
Magnesium	24-2	2464901	2443508	2465447	2457952	0.51	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12DUP	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01DU	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:15:39	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4203331	4176246	4191168	4190248	0.32	cps
Molybdenum	94-1	197146	198094	198634	197958	0.38	cps
Molybdenum	95-1	26159	27846	28347	27451	4.18	cps
Molybdenum	96-1	59892	62570	59766	60743	2.61	cps
Molybdenum	97-1	16611	18013	17078	17234	4.14	cps
Molybdenum	98-1	42443	43680	42041	42721	2.00	cps
Neodymium	150-1	247406	253120	245041	248522	1.67	cps
Neodymium	150-2	54068	54235	55996	54766	1.95	cps
Nickel	60-2	152627	153714	154572	153638	0.63	cps
Phosphorus	31-2	3526	3092	3509	3376	7.28	cps
Potassium	39-2	172086	169392	172513	171330	0.99	cps
Rhodium	103-1	4984048	5085237	5061310	5043532	1.05	cps
Rhodium	103-2	1951528	1991650	1988426	1977201	1.13	cps
Scandium	45-1	3483735	3649127	3625304	3586055	2.49	cps
Scandium	45-2	51173	49698	51652	50841	2.00	cps
Selenium	77-2	433	390	400	408	5.56	cps
Selenium	78-2	237	246	248	244	2.44	cps
Selenium	82-1	254	324	266	282	13.24	cps
Silicon	28-1	30194327	30830061	30007103	30343830	1.42	cps
Silver	109-1	2325	2350	2134	2270	5.22	cps
Silver	107-1	2650	2859	2575	2695	5.45	cps
Sodium	23-2	41787	42448	41971	42069	0.81	cps
Strontium	86-1	112697	117150	114932	114926	1.94	cps
Strontium	88-1	983658	990477	981732	985289	0.47	cps
Sulfur	34-1	214234	217542	217652	216476	0.90	cps
Terbium	159-1	6371606	6497417	6463501	6444174	1.01	cps
Terbium	159-2	2078777	2094968	2141711	2105152	1.55	cps
Thallium	203-1	2292	2467	2317	2359	4.01	cps
Thallium	205-1	5660	5827	5785	5757	1.51	cps
Tin	118-1	3484	3242	3726	3484	6.94	cps
Titanium	47-1	165604	169425	166542	167190	1.19	cps
Uranium	238-1	55399	56413	55056	55623	1.27	cps
Vanadium	51-2	128780	129156	130982	129640	0.91	cps
Yttrium	89-1	8659572	8692597	8667602	8673257	0.20	cps
Yttrium	89-2	461853	466644	467722	465406	0.67	cps
Zinc	66-2	233124	234884	235751	234586	0.57	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12DUP	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01DU	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:15:39	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	495654	507130	498022	500268	1.21	cps
Zirconium	91-1	109035	111093	109463	109864	0.99	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12LX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01L	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 15:18:58	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	234373	235553	238149	236025	0.82	cps
Antimony	121-1	400	517	408	442	14.74	cps
Arsenic	75-2	2437	2465	2500	2468	1.28	cps
Barium	135-1	386110	395401	383626	388379	1.60	cps
Barium	137-1	673287	686722	674713	678241	1.09	cps
Beryllium	9-1	730	733	677	713	4.46	cps
Bismuth	209-1	3579009	3652721	3588702	3606811	1.11	cps
Bismuth	209-2	1431777	1423436	1445201	1433471	0.77	cps
Boron	10-1	242	283	242	256	9.41	cps
Boron	11-1	1267	1533	1267	1356	11.36	cps
Cadmium	111-1	1723	1524	1595	1614	6.27	cps
Cadmium	106-1	1642	1475	1700	1606	7.27	cps
Cadmium	108-1	108	96	100	101	6.28	cps
Calcium	43-1	32334	32424	31649	32136	1.32	cps
Calcium	44-1	559736	575654	556388	563926	1.83	cps
Chromium	52-2	37514	37995	37350	37620	0.89	cps
Cobalt	59-2	50960	51441	51696	51366	0.73	cps
Copper	63-2	122713	123312	124004	123343	0.52	cps
Dysprosium	156-1	40597	41099	41316	41004	0.90	cps
Dysprosium	156-2	15950	16023	15172	15715	3.00	cps
Erbium	164-1	36151	37731	36795	36892	2.15	cps
Erbium	164-2	11806	12136	11862	11935	1.48	cps
Gadolinium	160-1	42939	44962	43123	43674	2.56	cps
Gadolinium	160-2	18273	18376	18921	18523	1.88	cps
Holmium	165-1	5907331	5919178	5826796	5884435	0.85	cps
Holmium	165-2	2008230	2025303	2032136	2021890	0.61	cps
Indium	115-1	5156016	5137446	5093888	5129117	0.62	cps
Indium	115-2	374588	378571	377287	376815	0.54	cps
Iron	56-2	48181471	48194741	48066993	48147735	0.15	cps
Iron	57-2	1192924	1218370	1204512	1205268	1.06	cps
Krypton	83-1	687	747	743	726	4.65	cps
Lead	206-1	534070	548796	536009	539625	1.48	cps
Lead	207-1	443926	460784	442020	448910	2.30	cps
Lead	208-1	2076466	2144246	2069604	2096772	1.97	cps
Lithium	6-1	251941	251436	248011	250463	0.85	cps
Magnesium	24-2	445862	451389	450913	449388	0.68	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12LX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01L	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 15:18:58	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	774150	787190	780469	780603	0.84	cps
Molybdenum	94-1	36509	36224	37110	36614	1.23	cps
Molybdenum	95-1	4393	5043	5201	4879	8.78	cps
Molybdenum	96-1	11130	11739	11238	11369	2.86	cps
Molybdenum	97-1	3501	3417	3276	3398	3.35	cps
Molybdenum	98-1	8228	7886	7577	7897	4.12	cps
Neodymium	150-1	46215	46664	46543	46474	0.50	cps
Neodymium	150-2	10318	10398	10421	10379	0.52	cps
Nickel	60-2	29856	29114	30086	29685	1.71	cps
Phosphorus	31-2	608	642	492	581	13.57	cps
Potassium	39-2	36440	37225	37217	36961	1.22	cps
Rhodium	103-1	5074529	5098519	4995047	5056032	1.07	cps
Rhodium	103-2	1983362	2000358	1947987	1977235	1.35	cps
Scandium	45-1	3145258	3167975	3184211	3165815	0.62	cps
Scandium	45-2	44795	44514	44367	44558	0.49	cps
Selenium	77-2	77	63	73	71	9.76	cps
Selenium	78-2	54	50	56	53	5.33	cps
Selenium	82-1	-19	-84	-40	-47	-69.98	cps
Silicon	28-1	5828915	5856411	5786509	5823945	0.60	cps
Silver	109-1	500	433	483	472	7.35	cps
Silver	107-1	458	475	475	469	2.05	cps
Sodium	23-2	28488	27494	27720	27901	1.87	cps
Strontium	86-1	22386	22636	21994	22339	1.45	cps
Strontium	88-1	181385	187016	180665	183022	1.90	cps
Sulfur	34-1	198012	198627	197096	197912	0.39	cps
Terbium	159-1	6080196	6315981	6042123	6146100	2.41	cps
Terbium	159-2	1999280	2049524	2024600	2024468	1.24	cps
Thallium	203-1	633	533	650	606	10.42	cps
Thallium	205-1	1358	1217	1208	1261	6.68	cps
Tin	118-1	1575	1534	1709	1606	5.69	cps
Titanium	47-1	32280	31470	31620	31790	1.36	cps
Uranium	238-1	10163	10288	9929	10127	1.80	cps
Vanadium	51-2	24078	24295	24181	24184	0.45	cps
Yttrium	89-1	6085465	6069866	5996107	6050479	0.79	cps
Yttrium	89-2	325832	329513	324480	326609	0.80	cps
Zinc	66-2	44602	44816	44164	44527	0.75	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12LX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01L	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 15:18:58	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	93411	94804	94250	94155	0.74	cps
Zirconium	91-1	20566	21994	20292	20951	4.36	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-13 Instrumnet Name : P8
 Client Sample ID : P001-SS006-1824-01MS Dilution Factor : 1
 Date & Time Acquired :: 2018-12-26 15:22:22 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1226617	1218708	1229277	1224867	0.45	cps
Antimony	121-1	1893570	1914517	1905912	1904666	0.55	cps
Arsenic	75-2	72414	71458	72070	71981	0.67	cps
Barium	135-1	4974514	4953100	5020427	4982681	0.69	cps
Barium	137-1	8665349	8567716	8596743	8609936	0.58	cps
Beryllium	9-1	212292	215166	212246	213235	0.78	cps
Bismuth	209-1	3703961	3773595	3729127	3735561	0.94	cps
Bismuth	209-2	1265140	1382187	1398787	1348705	5.40	cps
Boron	10-1	26859	27477	27035	27124	1.17	cps
Boron	11-1	138659	142824	142359	141281	1.62	cps
Cadmium	111-1	690104	691614	694588	692102	0.33	cps
Cadmium	106-1	72587	73920	74607	73705	1.39	cps
Cadmium	108-1	49332	49269	49713	49438	0.49	cps
Calcium	43-1	807832	809358	809370	808853	0.11	cps
Calcium	44-1	13194674	13213367	13251881	13219974	0.22	cps
Chromium	52-2	635908	628514	630619	631680	0.60	cps
Cobalt	59-2	1144949	1132467	1117679	1131698	1.21	cps
Copper	63-2	2113987	2111238	2098692	2107973	0.39	cps
Dysprosium	156-1	216059	215966	212266	214764	1.01	cps
Dysprosium	156-2	79365	78769	80012	79382	0.78	cps
Erbium	164-1	198079	199179	196271	197843	0.74	cps
Erbium	164-2	62218	60888	61615	61574	1.08	cps
Gadolinium	160-1	226481	227057	227456	226998	0.22	cps
Gadolinium	160-2	95432	94124	95721	95092	0.89	cps
Holmium	165-1	6243646	6387094	6347665	6326135	1.17	cps
Holmium	165-2	1857183	2008512	2065709	1977135	5.45	cps
Indium	115-1	5184489	5379702	5363301	5309164	2.04	cps
Indium	115-2	327813	359518	366976	351436	5.92	cps
Iron	56-2	246687622	247815556	243479655	245994278	0.91	cps
Iron	57-2	6153147	6185198	6130786	6156377	0.44	cps
Krypton	83-1	1037	967	910	971	6.53	cps
Lead	206-1	4687246	4736437	4605874	4676519	1.41	cps
Lead	207-1	4031254	4048275	4014043	4031191	0.42	cps
Lead	208-1	18383734	18510246	18236422	18376801	0.75	cps
Lithium	6-1	270447	270610	269591	270216	0.20	cps
Magnesium	24-2	3659325	3661810	3708549	3676561	0.75	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-13 Instrumnet Name : P8
 Client Sample ID : P001-SS006-1824-01MS Dilution Factor : 1
 Date & Time Acquired :: 2018-12-26 15:22:22 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4518514	4474307	4447162	4479994	0.80	cps
Molybdenum	94-1	5378128	5406682	5385732	5390181	0.27	cps
Molybdenum	95-1	6308302	6319990	6354520	6327604	0.38	cps
Molybdenum	96-1	7053729	7164961	7087937	7102209	0.80	cps
Molybdenum	97-1	3993754	4030636	3989292	4004561	0.57	cps
Molybdenum	98-1	10077375	10125574	10150055	10117668	0.37	cps
Neodymium	150-1	230287	232799	231841	231642	0.55	cps
Neodymium	150-2	49818	49466	49935	49740	0.49	cps
Nickel	60-2	406598	406399	404862	405953	0.23	cps
Phosphorus	31-2	3417	2975	3192	3195	6.91	cps
Potassium	39-2	645263	629628	645109	640000	1.40	cps
Rhodium	103-1	5082414	5182364	5201647	5155475	1.24	cps
Rhodium	103-2	1729497	1874648	1913830	1839325	5.28	cps
Scandium	45-1	3684049	3713835	3701822	3699902	0.41	cps
Scandium	45-2	45073	49728	50641	48481	6.16	cps
Selenium	77-2	880	680	823	794	12.98	cps
Selenium	78-2	1783	1902	1941	1875	4.37	cps
Selenium	82-1	44998	44949	44480	44809	0.64	cps
Silicon	28-1	15119202	15239204	15131233	15163213	0.44	cps
Silver	109-1	2941819	2888053	2990925	2940266	1.75	cps
Silver	107-1	3104262	3068765	3124827	3099285	0.92	cps
Sodium	23-2	3506638	3517186	3504054	3509293	0.20	cps
Strontium	86-1	925809	942002	921234	929682	1.17	cps
Strontium	88-1	8114647	8152291	7983281	8083406	1.10	cps
Sulfur	34-1	235108	235534	231671	234104	0.90	cps
Terbium	159-1	6573079	6719928	6566249	6619752	1.31	cps
Terbium	159-2	1840877	2009110	2075446	1975144	6.12	cps
Thallium	203-1	1977273	1985952	1993374	1985533	0.41	cps
Thallium	205-1	4670674	4730602	4669497	4690258	0.75	cps
Tin	118-1	1889529	1894491	1918324	1900781	0.81	cps
Titanium	47-1	1727638	1734382	1714313	1725444	0.59	cps
Uranium	238-1	6155738	6094801	6152612	6134384	0.56	cps
Vanadium	51-2	454270	444858	444715	447948	1.22	cps
Yttrium	89-1	8575829	8697315	8614619	8629254	0.72	cps
Yttrium	89-2	422905	442436	447712	437684	2.99	cps
Zinc	66-2	403523	395528	397265	398772	1.05	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-13	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01MS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:22:22	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4951326	4977406	4928878	4952537	0.49	cps
Zirconium	91-1	1074437	1071460	1079887	1075262	0.40	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-14 Instrumnet Name : P8
 Client Sample ID : P001-SS006-1824-01MS Dilution Factor : 1
 Date & Time Acquired :: 2018-12-26 15:25:37 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1229390	1247847	1213968	1230402	1.38	cps
Antimony	121-1	1834498	1822134	1796892	1817841	1.05	cps
Arsenic	75-2	71867	71919	71581	71789	0.25	cps
Barium	135-1	5270703	5248369	5233245	5250773	0.36	cps
Barium	137-1	9150823	9008075	8963535	9040811	1.08	cps
Beryllium	9-1	218655	217331	214287	216757	1.03	cps
Bismuth	209-1	3701254	3668899	3643983	3671379	0.78	cps
Bismuth	209-2	1417644	1419028	1392919	1409864	1.04	cps
Boron	10-1	27143	26884	28262	27430	2.67	cps
Boron	11-1	142528	144959	143212	143566	0.87	cps
Cadmium	111-1	719271	712321	703933	711842	1.08	cps
Cadmium	106-1	76677	76887	74582	76048	1.68	cps
Cadmium	108-1	50532	49608	49315	49818	1.28	cps
Calcium	43-1	800889	808383	789971	799747	1.16	cps
Calcium	44-1	13080138	13228916	12872754	13060603	1.37	cps
Chromium	52-2	623628	634931	632030	630196	0.93	cps
Cobalt	59-2	1147049	1150825	1145893	1147923	0.22	cps
Copper	63-2	2086421	2125079	2135483	2115661	1.22	cps
Dysprosium	156-1	220778	223566	220841	221728	0.72	cps
Dysprosium	156-2	82038	82018	81562	81873	0.33	cps
Erbium	164-1	205636	205559	206457	205884	0.24	cps
Erbium	164-2	63939	62814	63018	63257	0.95	cps
Gadolinium	160-1	237411	237919	236351	237227	0.34	cps
Gadolinium	160-2	98041	97463	97525	97676	0.33	cps
Holmium	165-1	6305893	6263855	6323792	6297847	0.49	cps
Holmium	165-2	2069658	2093928	2055830	2073138	0.93	cps
Indium	115-1	5341492	5226028	5247998	5271839	1.16	cps
Indium	115-2	369279	370512	365937	368576	0.64	cps
Iron	56-2	253766928	256744978	250815722	253775876	1.17	cps
Iron	57-2	6339830	6269854	6313974	6307886	0.56	cps
Krypton	83-1	970	967	957	964	0.72	cps
Lead	206-1	4849766	4774875	4764767	4796469	0.97	cps
Lead	207-1	4208782	4112595	4147136	4156171	1.17	cps
Lead	208-1	19004749	18718248	18831464	18851487	0.77	cps
Lithium	6-1	266956	264729	259434	263706	1.47	cps
Magnesium	24-2	3650434	3677677	3666931	3665014	0.37	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-14	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01MS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:25:37	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5150862	5130521	5051148	5110844	1.03	cps
Molybdenum	94-1	5573180	5450082	5516434	5513232	1.12	cps
Molybdenum	95-1	6547683	6541622	6447017	6512108	0.87	cps
Molybdenum	96-1	7405112	7272508	7267664	7315095	1.07	cps
Molybdenum	97-1	4045049	4069130	4047275	4053818	0.33	cps
Molybdenum	98-1	10352141	10530670	10258490	10380433	1.33	cps
Neodymium	150-1	236272	236212	233292	235259	0.72	cps
Neodymium	150-2	51895	51521	50734	51384	1.15	cps
Nickel	60-2	413302	413690	413936	413643	0.08	cps
Phosphorus	31-2	3084	3376	3234	3231	4.51	cps
Potassium	39-2	625306	625921	620409	623879	0.48	cps
Rhodium	103-1	5136299	5164481	5041047	5113942	1.26	cps
Rhodium	103-2	1941120	1904448	1922522	1922697	0.95	cps
Scandium	45-1	3651603	3735981	3611052	3666212	1.74	cps
Scandium	45-2	49474	50434	49741	49883	0.99	cps
Selenium	77-2	837	767	807	803	4.37	cps
Selenium	78-2	1839	1763	1776	1793	2.27	cps
Selenium	82-1	45933	45099	45021	45351	1.11	cps
Silicon	28-1	18416374	18577810	18192031	18395405	1.05	cps
Silver	109-1	3025432	2981402	2984785	2997206	0.82	cps
Silver	107-1	3183316	3161259	3131664	3158746	0.82	cps
Sodium	23-2	3488158	3482544	3414337	3461680	1.19	cps
Strontium	86-1	955036	953863	959844	956248	0.33	cps
Strontium	88-1	8320780	8195440	8239497	8251906	0.77	cps
Sulfur	34-1	234052	234856	231445	233451	0.76	cps
Terbium	159-1	6559530	6564325	6487937	6537264	0.65	cps
Terbium	159-2	2080046	2064583	2040189	2061606	0.97	cps
Thallium	203-1	2038211	2030939	2042131	2037094	0.28	cps
Thallium	205-1	4783804	4729047	4742981	4751944	0.60	cps
Tin	118-1	1877766	1903936	1848140	1876614	1.49	cps
Titanium	47-1	1750419	1759798	1715308	1741842	1.35	cps
Uranium	238-1	6268190	6240785	6230067	6246347	0.31	cps
Vanadium	51-2	449877	452143	449221	450414	0.34	cps
Yttrium	89-1	8798612	8834678	8739585	8790958	0.55	cps
Yttrium	89-2	460792	452796	455687	456425	0.89	cps
Zinc	66-2	415822	412708	408806	412446	0.85	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-14	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01MS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:25:37	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5042686	5024853	4991439	5019659	0.52	cps
Zirconium	91-1	1083639	1081027	1079177	1081281	0.21	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12A	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01A	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:28:52	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1233916	1234629	1235778	1234774	0.08	cps
Antimony	121-1	1830178	1837106	1830753	1832679	0.21	cps
Arsenic	75-2	72155	70830	70112	71033	1.46	cps
Barium	135-1	5075651	5082515	5001493	5053219	0.89	cps
Barium	137-1	8701063	8793355	8588113	8694177	1.18	cps
Beryllium	9-1	210502	212965	211917	211795	0.58	cps
Bismuth	209-1	3684349	3598728	3590907	3624662	1.43	cps
Bismuth	209-2	1429787	1427689	1421189	1426222	0.31	cps
Boron	10-1	27143	27661	27285	27363	0.98	cps
Boron	11-1	142241	143825	141916	142661	0.72	cps
Cadmium	111-1	692582	695448	690317	692782	0.37	cps
Cadmium	106-1	74599	74565	73308	74157	0.99	cps
Cadmium	108-1	49616	48659	48588	48954	1.17	cps
Calcium	43-1	790693	799695	786075	792154	0.87	cps
Calcium	44-1	13042744	13101409	12852211	12998788	1.00	cps
Chromium	52-2	626940	633339	629721	630000	0.51	cps
Cobalt	59-2	1134515	1128212	1136860	1133196	0.39	cps
Copper	63-2	2099492	2109185	2130867	2113181	0.76	cps
Dysprosium	156-1	217312	218262	214359	216644	0.94	cps
Dysprosium	156-2	81143	81106	80341	80863	0.56	cps
Erbium	164-1	201083	203808	199984	201625	0.98	cps
Erbium	164-2	62298	62589	62161	62349	0.35	cps
Gadolinium	160-1	231625	232617	229770	231337	0.62	cps
Gadolinium	160-2	96319	96228	96725	96424	0.27	cps
Holmium	165-1	6193914	6141849	6031546	6122436	1.35	cps
Holmium	165-2	2068176	2103424	2068673	2080091	0.97	cps
Indium	115-1	5115367	4978893	5101858	5065373	1.48	cps
Indium	115-2	367887	367922	366930	367580	0.15	cps
Iron	56-2	248566178	249595550	249438383	249200037	0.22	cps
Iron	57-2	6240856	6196284	6235855	6224331	0.39	cps
Krypton	83-1	950	1027	880	952	7.70	cps
Lead	206-1	4750549	4729558	4701346	4727151	0.52	cps
Lead	207-1	4068884	4041101	4037573	4049186	0.42	cps
Lead	208-1	18572090	18591864	18402285	18522080	0.56	cps
Lithium	6-1	258844	259405	256180	258143	0.67	cps
Magnesium	24-2	3707149	3673261	3626034	3668814	1.11	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12A	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01A	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:28:52	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4730321	4727896	4751320	4736512	0.27	cps
Molybdenum	94-1	5443927	5443394	5412476	5433265	0.33	cps
Molybdenum	95-1	6370434	6413254	6325355	6369681	0.69	cps
Molybdenum	96-1	7167372	7182024	7178613	7176003	0.11	cps
Molybdenum	97-1	4020655	4052623	3979533	4017603	0.91	cps
Molybdenum	98-1	10179767	10227905	10155703	10187792	0.36	cps
Neodymium	150-1	231810	233007	230841	231886	0.47	cps
Neodymium	150-2	50708	50196	50792	50565	0.64	cps
Nickel	60-2	406681	405497	408369	406849	0.35	cps
Phosphorus	31-2	3267	3117	2984	3123	4.54	cps
Potassium	39-2	631397	629317	629825	630180	0.17	cps
Rhodium	103-1	5051055	4935765	4988282	4991700	1.16	cps
Rhodium	103-2	1940666	1943844	1955546	1946685	0.40	cps
Scandium	45-1	3591742	3559516	3506293	3552517	1.21	cps
Scandium	45-2	49694	50022	50327	50014	0.63	cps
Selenium	77-2	910	877	747	844	10.22	cps
Selenium	78-2	1826	1919	1858	1867	2.52	cps
Selenium	82-1	44450	44946	44423	44606	0.66	cps
Silicon	28-1	16710585	16930778	16692318	16777893	0.79	cps
Silver	109-1	2962075	2945617	2908455	2938716	0.93	cps
Silver	107-1	3089576	3118202	3090645	3099474	0.52	cps
Sodium	23-2	3479304	3416125	3477563	3457664	1.04	cps
Strontium	86-1	934916	944955	932800	937557	0.69	cps
Strontium	88-1	8121183	8162933	8024755	8102957	0.87	cps
Sulfur	34-1	227996	231620	231189	230268	0.86	cps
Terbium	159-1	6413891	6422403	6361983	6399426	0.51	cps
Terbium	159-2	2064933	2055640	2082706	2067760	0.67	cps
Thallium	203-1	2021930	2000722	1998812	2007154	0.64	cps
Thallium	205-1	4727834	4736043	4717693	4727190	0.19	cps
Tin	118-1	1862327	1826077	1841018	1843141	0.99	cps
Titanium	47-1	1674056	1698856	1662376	1678429	1.11	cps
Uranium	238-1	6116926	6174579	6126155	6139220	0.50	cps
Vanadium	51-2	444682	446151	445694	445509	0.17	cps
Yttrium	89-1	8554345	8615966	8392475	8520928	1.35	cps
Yttrium	89-2	459833	453169	455595	456199	0.74	cps
Zinc	66-2	400551	398820	400000	399790	0.22	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12A	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01A	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:28:52	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4856383	4967324	4853208	4892305	1.33	cps
Zirconium	91-1	1061338	1071930	1062521	1065263	0.54	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-15	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:32:07	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	812755	789690	794869	799104	1.51	cps
Antimony	121-1	12682	11973	11814	12156	3.80	cps
Arsenic	75-2	7339	7334	7180	7284	1.24	cps
Barium	135-1	1852692	1867653	1857450	1859265	0.41	cps
Barium	137-1	3235467	3236585	3214918	3228990	0.38	cps
Beryllium	9-1	3781	3617	3754	3717	2.36	cps
Bismuth	209-1	3853482	3835886	3774847	3821405	1.08	cps
Bismuth	209-2	1325926	1454818	1493663	1424803	6.16	cps
Boron	10-1	1734	1892	1817	1814	4.37	cps
Boron	11-1	9587	9478	8653	9239	5.53	cps
Cadmium	111-1	10561	10427	10515	10501	0.64	cps
Cadmium	106-1	3651	3642	3376	3556	4.40	cps
Cadmium	108-1	896	917	900	904	1.22	cps
Calcium	43-1	335880	334608	333855	334781	0.31	cps
Calcium	44-1	5551791	5467538	5485901	5501743	0.81	cps
Chromium	52-2	148806	147598	148000	148135	0.42	cps
Cobalt	59-2	180594	176252	176843	177897	1.32	cps
Copper	63-2	454205	452147	448282	451545	0.67	cps
Dysprosium	156-1	141983	141333	142135	141817	0.30	cps
Dysprosium	156-2	52609	51197	51575	51793	1.41	cps
Erbium	164-1	131293	132032	133446	132257	0.83	cps
Erbium	164-2	41653	40246	40423	40774	1.88	cps
Gadolinium	160-1	147224	150032	149068	148775	0.96	cps
Gadolinium	160-2	62817	62419	60968	62068	1.57	cps
Holmium	165-1	6390091	6471803	6254395	6372096	1.72	cps
Holmium	165-2	1903766	2127395	2163987	2065049	6.82	cps
Indium	115-1	5545241	5544314	5346494	5478683	2.09	cps
Indium	115-2	344243	381634	389382	371753	6.49	cps
Iron	56-2	156275987	153599331	151766348	153880555	1.47	cps
Iron	57-2	3982915	3919235	3861168	3921106	1.55	cps
Krypton	83-1	860	897	820	859	4.46	cps
Lead	206-1	6113729	6187105	6191578	6164138	0.71	cps
Lead	207-1	5163035	5188074	5200546	5183885	0.37	cps
Lead	208-1	23843989	24034213	23979867	23952690	0.41	cps
Lithium	6-1	262706	263559	256636	260967	1.45	cps
Magnesium	24-2	1462803	1427862	1451740	1447468	1.23	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-15	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:32:07	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3384367	3324020	3309363	3339250	1.19	cps
Molybdenum	94-1	173248	171184	170431	171621	0.85	cps
Molybdenum	95-1	62001	62679	61858	62179	0.71	cps
Molybdenum	96-1	89059	92733	89956	90583	2.11	cps
Molybdenum	97-1	37887	38589	39492	38656	2.08	cps
Molybdenum	98-1	97751	98257	99145	98384	0.72	cps
Neodymium	150-1	157598	154414	157507	156506	1.16	cps
Neodymium	150-2	34134	34402	33677	34071	1.08	cps
Nickel	60-2	108613	108821	108372	108602	0.21	cps
Phosphorus	31-2	3409	3226	3342	3326	2.79	cps
Potassium	39-2	169671	164240	166045	166652	1.66	cps
Rhodium	103-1	5449668	5361019	5273027	5361238	1.65	cps
Rhodium	103-2	1829574	2067014	2074393	1990327	7.00	cps
Scandium	45-1	3518815	3513028	3368342	3466729	2.46	cps
Scandium	45-2	43845	47289	48561	46565	5.24	cps
Selenium	77-2	247	197	280	241	17.40	cps
Selenium	78-2	161	174	154	163	6.33	cps
Selenium	82-1	394	403	447	415	6.75	cps
Silicon	28-1	21703196	21326525	21608111	21545944	0.91	cps
Silver	109-1	19448	18989	19189	19209	1.20	cps
Silver	107-1	20074	19782	20425	20094	1.60	cps
Sodium	23-2	86286	84844	85607	85579	0.84	cps
Strontium	86-1	171094	171795	173144	172011	0.61	cps
Strontium	88-1	1483249	1517811	1502960	1501340	1.15	cps
Sulfur	34-1	243769	240898	236484	240384	1.53	cps
Terbium	159-1	6830771	6761905	6442606	6678427	3.10	cps
Terbium	159-2	1916414	2113626	2143732	2057924	6.00	cps
Thallium	203-1	13950	14325	13758	14011	2.06	cps
Thallium	205-1	31741	33061	32918	32573	2.22	cps
Tin	118-1	19757	20316	20517	20197	1.95	cps
Titanium	47-1	135628	136132	136612	136124	0.36	cps
Uranium	238-1	78096	79924	78666	78895	1.19	cps
Vanadium	51-2	108651	108240	107056	107982	0.77	cps
Yttrium	89-1	8025376	7868553	7728097	7874009	1.89	cps
Yttrium	89-2	382908	407455	413135	401166	4.00	cps
Zinc	66-2	201820	198892	196907	199206	1.24	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-15	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:32:07	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	376107	378656	376706	377156	0.35	cps
Zirconium	91-1	83540	85041	82971	83851	1.28	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : CCV07 Instrumnet Name : P8
 Client Sample ID : CCV07 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-26 15:37:12 DataFile Name : 041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	399763	396551	399710	398675	0.46	cps
Antimony	121-1	3223229	3203495	3185663	3204129	0.59	cps
Arsenic	75-2	61053	60608	60794	60818	0.37	cps
Barium	135-1	3211962	3154595	3160722	3175760	0.99	cps
Barium	137-1	5490053	5408671	5436894	5445206	0.76	cps
Beryllium	9-1	223945	224270	223993	224069	0.08	cps
Bismuth	209-1	3498300	3718040	3712973	3643104	3.44	cps
Bismuth	209-2	1424226	1434113	1395932	1418090	1.40	cps
Boron	10-1	29398	29565	29439	29467	0.29	cps
Boron	11-1	154224	156615	158677	156506	1.42	cps
Cadmium	111-1	708732	710981	697767	705827	1.00	cps
Cadmium	106-1	74072	74858	74179	74370	0.57	cps
Cadmium	108-1	49938	50302	49436	49892	0.87	cps
Calcium	43-1	3593646	3510539	3487140	3530442	1.59	cps
Calcium	44-1	57846486	56984339	56309937	57046921	1.35	cps
Chromium	52-2	468109	468092	463932	466711	0.52	cps
Cobalt	59-2	912265	912426	907105	910598	0.33	cps
Copper	63-2	1514686	1508764	1509901	1511117	0.21	cps
Dysprosium	156-1	25	67	42	44	47.19	cps
Dysprosium	156-2	13	10	10	11	17.30	cps
Erbium	164-1	50	33	67	50	33.34	cps
Erbium	164-2	17	3	13	11	62.48	cps
Gadolinium	160-1	25	58	67	50	44.10	cps
Gadolinium	160-2	27	13	20	20	33.35	cps
Holmium	165-1	6054830	6296477	6252818	6201375	2.08	cps
Holmium	165-2	2098533	2087078	2035514	2073708	1.62	cps
Indium	115-1	5077195	5263384	5200156	5180245	1.83	cps
Indium	115-2	374968	375157	370917	373680	0.64	cps
Iron	56-2	82306224	81660824	81806685	81924578	0.41	cps
Iron	57-2	2113782	2086601	2111539	2103974	0.72	cps
Krypton	83-1	717	727	690	711	2.67	cps
Lead	206-1	1665611	1620322	1610949	1632294	1.79	cps
Lead	207-1	1465127	1464752	1451187	1460355	0.54	cps
Lead	208-1	6765469	6686040	6636024	6695845	0.97	cps
Lithium	6-1	253174	265392	262926	260497	2.48	cps
Magnesium	24-2	8045989	7975869	8064847	8028901	0.58	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:37:12	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	294151	292057	294913	293707	0.50	cps
Molybdenum	94-1	5695796	5678346	5674262	5682801	0.20	cps
Molybdenum	95-1	6953634	6894971	6918539	6922381	0.43	cps
Molybdenum	96-1	7757745	7702084	7681509	7713780	0.51	cps
Molybdenum	97-1	4343503	4352809	4330833	4342382	0.25	cps
Molybdenum	98-1	10988913	11057708	10941190	10995937	0.53	cps
Neodymium	150-1	213	200	107	173	33.53	cps
Neodymium	150-2	0	17	0	6	173.21	cps
Nickel	60-2	271190	267792	268409	269130	0.67	cps
Phosphorus	31-2	5793	5751	6085	5876	3.09	cps
Potassium	39-2	2603393	2565583	2611138	2593371	0.94	cps
Rhodium	103-1	4953723	5118320	5133262	5068435	1.97	cps
Rhodium	103-2	1959377	1963182	1930980	1951180	0.90	cps
Scandium	45-1	3179074	3353827	3280443	3271115	2.68	cps
Scandium	45-2	45999	46069	45333	45800	0.89	cps
Selenium	77-2	520	523	490	511	3.59	cps
Selenium	78-2	1669	1726	1522	1639	6.41	cps
Selenium	82-1	46233	46632	46172	46346	0.54	cps
Silicon	28-1	1465544	1465997	1504378	1478640	1.51	cps
Silver	109-1	3242715	3255028	3201004	3232916	0.88	cps
Silver	107-1	3388301	3404601	3383836	3392246	0.32	cps
Sodium	23-2	17743261	18078151	17994212	17938541	0.97	cps
Strontium	86-1	847921	857898	848238	851352	0.67	cps
Strontium	88-1	7396968	7395396	7374102	7388822	0.17	cps
Sulfur	34-1	500554	500290	499643	500163	0.09	cps
Terbium	159-1	6265899	6521028	6466976	6417968	2.09	cps
Terbium	159-2	2052749	2105564	2037740	2065351	1.72	cps
Thallium	203-1	2114424	2090944	2075975	2093781	0.93	cps
Thallium	205-1	4926908	4914612	4941254	4927591	0.27	cps
Tin	118-1	2193266	2184413	2156584	2178088	0.88	cps
Titanium	47-1	1795967	1803064	1776662	1791898	0.76	cps
Uranium	238-1	6403152	6406728	6273787	6361222	1.19	cps
Vanadium	51-2	337526	334118	335439	335694	0.51	cps
Yttrium	89-1	5586359	5834157	5891418	5770645	2.81	cps
Yttrium	89-2	306443	309766	302172	306127	1.24	cps
Zinc	66-2	170176	170655	168564	169799	0.65	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:37:12	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4736799	4766819	4708228	4737282	0.62	cps
Zirconium	91-1	1014343	1018278	1027547	1020056	0.66	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : CCB07 Instrumnet Name : P8
 Client Sample ID : CCB07 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-26 15:43:25 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	43	65	55	20.83	cps
Antimony	121-1	592	983	1167	914	32.14	cps
Arsenic	75-2	6	13	6	8	53.23	cps
Barium	135-1	58	108	17	61	75.10	cps
Barium	137-1	100	67	75	81	21.54	cps
Beryllium	9-1	27	33	27	29	13.31	cps
Bismuth	209-1	3552579	3650241	3615394	3606072	1.37	cps
Bismuth	209-2	1397258	1394383	1372137	1387926	0.99	cps
Boron	10-1	417	383	267	356	22.15	cps
Boron	11-1	2034	2017	2042	2031	0.63	cps
Cadmium	111-1	892	978	858	909	6.76	cps
Cadmium	106-1	1250	1375	1208	1278	6.79	cps
Cadmium	108-1	0	8	0	3	173.21	cps
Calcium	43-1	297	303	273	291	5.41	cps
Calcium	44-1	53201	53729	52538	53156	1.12	cps
Chromium	52-2	1763	1797	1837	1799	2.04	cps
Cobalt	59-2	67	67	63	66	2.94	cps
Copper	63-2	340	293	273	302	11.32	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	50	42	47	10.18	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	25	42	42	36	26.65	cps
Gadolinium	160-2	13	3	20	12	68.66	cps
Holmium	165-1	5733460	5874453	5871100	5826338	1.38	cps
Holmium	165-2	1943855	1962361	1917898	1941371	1.15	cps
Indium	115-1	5028484	5240045	5232823	5167118	2.32	cps
Indium	115-2	367383	369567	365448	367466	0.56	cps
Iron	56-2	4373	4101	4663	4379	6.42	cps
Iron	57-2	161	72	172	135	40.54	cps
Krypton	83-1	667	750	787	734	8.37	cps
Lead	206-1	1028	1183	1006	1072	9.03	cps
Lead	207-1	939	872	945	919	4.38	cps
Lead	208-1	4128	4250	4011	4130	2.89	cps
Lithium	6-1	241042	244786	244393	243407	0.85	cps
Magnesium	24-2	242	217	350	269	26.31	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:43:25	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	97	100	110	102	6.79	cps
Molybdenum	94-1	392	350	433	392	10.64	cps
Molybdenum	95-1	300	350	300	317	9.12	cps
Molybdenum	96-1	333	300	358	331	8.85	cps
Molybdenum	97-1	433	450	342	408	14.29	cps
Molybdenum	98-1	450	450	458	453	1.06	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	123	63	90	92	32.60	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	5785	5710	5451	5649	3.10	cps
Rhodium	103-1	5083362	5175264	5136590	5131739	0.90	cps
Rhodium	103-2	1969354	1995675	1951363	1972131	1.13	cps
Scandium	45-1	2990395	3010600	3054400	3018465	1.08	cps
Scandium	45-2	41926	42157	41702	41928	0.54	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	-99	-159	-235	-164	-41.56	cps
Silicon	28-1	185352	181458	182519	183109	1.10	cps
Silver	109-1	183	175	158	172	7.39	cps
Silver	107-1	250	267	200	239	14.52	cps
Sodium	23-2	24772	24689	25148	24870	0.98	cps
Strontium	86-1	883	783	892	853	7.07	cps
Strontium	88-1	117	175	133	142	21.21	cps
Sulfur	34-1	293311	294996	293575	293961	0.31	cps
Terbium	159-1	5935569	6103104	6129102	6055925	1.73	cps
Terbium	159-2	1931874	1914795	1926441	1924370	0.45	cps
Thallium	203-1	200	217	100	172	36.64	cps
Thallium	205-1	400	367	508	425	17.43	cps
Tin	118-1	617	733	533	628	16.00	cps
Titanium	47-1	150	117	133	133	12.50	cps
Uranium	238-1	17	83	25	42	87.18	cps
Vanadium	51-2	23	17	27	22	22.91	cps
Yttrium	89-1	5469641	5492502	5462271	5474805	0.29	cps
Yttrium	89-2	288575	288445	286950	287990	0.31	cps
Zinc	66-2	137	153	183	158	14.99	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:43:25	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	508	492	492	497	1.94	cps
Zirconium	91-1	33	133	92	86	58.34	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-16	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:48:16	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1134620	1135704	1144299	1138208	0.47	cps
Antimony	121-1	2109	1959	2342	2136	9.04	cps
Arsenic	75-2	11488	11503	11390	11460	0.54	cps
Barium	135-1	2155348	2159299	2173807	2162818	0.45	cps
Barium	137-1	3747548	3774296	3797114	3772986	0.66	cps
Beryllium	9-1	3364	3420	3591	3458	3.41	cps
Bismuth	209-1	3554224	3541981	3553342	3549849	0.19	cps
Bismuth	209-2	1379402	1364380	1398965	1380916	1.26	cps
Boron	10-1	1150	1175	1092	1139	3.75	cps
Boron	11-1	5651	5810	5285	5582	4.83	cps
Cadmium	111-1	6081	6385	6134	6200	2.63	cps
Cadmium	106-1	3276	3551	3267	3364	4.79	cps
Cadmium	108-1	679	650	708	679	4.29	cps
Calcium	43-1	235476	237367	234086	235643	0.70	cps
Calcium	44-1	3953980	3904101	3961187	3939756	0.79	cps
Chromium	52-2	195451	197325	197525	196767	0.58	cps
Cobalt	59-2	232333	229750	232227	231437	0.63	cps
Copper	63-2	656420	658243	652861	655841	0.42	cps
Dysprosium	156-1	183125	186523	187564	185737	1.25	cps
Dysprosium	156-2	67131	67798	67426	67452	0.50	cps
Erbium	164-1	165794	170245	169569	168536	1.42	cps
Erbium	164-2	51240	52643	52445	52109	1.46	cps
Gadolinium	160-1	192045	193967	193689	193234	0.54	cps
Gadolinium	160-2	80761	80627	79631	80340	0.77	cps
Holmium	165-1	6054664	5982424	6010605	6015898	0.61	cps
Holmium	165-2	2014575	1975289	2034727	2008197	1.51	cps
Indium	115-1	5199634	5077388	5070049	5115690	1.42	cps
Indium	115-2	365882	358144	369939	364655	1.64	cps
Iron	56-2	226640850	231814283	230178905	229544679	1.15	cps
Iron	57-2	5728935	5749308	5767995	5748746	0.34	cps
Krypton	83-1	783	863	847	831	5.08	cps
Lead	206-1	7494472	7691320	7663097	7616297	1.40	cps
Lead	207-1	6301694	6461072	6447615	6403460	1.38	cps
Lead	208-1	29127576	29857595	29777183	29587451	1.35	cps
Lithium	6-1	251600	247841	250403	249948	0.77	cps
Magnesium	24-2	2125909	2123250	2100357	2116505	0.66	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-16	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:48:16	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3967875	4016509	3910031	3964805	1.34	cps
Molybdenum	94-1	189930	193151	193329	192136	1.00	cps
Molybdenum	95-1	41406	40554	40403	40787	1.33	cps
Molybdenum	96-1	71707	73517	74354	73193	1.85	cps
Molybdenum	97-1	25684	25258	24782	25241	1.79	cps
Molybdenum	98-1	63215	65869	65124	64736	2.11	cps
Neodymium	150-1	208112	210071	209466	209216	0.48	cps
Neodymium	150-2	45151	45643	45382	45392	0.54	cps
Nickel	60-2	147344	147357	146788	147163	0.22	cps
Phosphorus	31-2	3334	3401	3167	3301	3.64	cps
Potassium	39-2	150320	148242	152528	150363	1.43	cps
Rhodium	103-1	5088942	5012607	5026137	5042562	0.81	cps
Rhodium	103-2	1920288	1898833	1958774	1925965	1.58	cps
Scandium	45-1	3543402	3467349	3425042	3478598	1.72	cps
Scandium	45-2	48387	48152	48540	48360	0.40	cps
Selenium	77-2	370	300	320	330	10.93	cps
Selenium	78-2	207	170	178	185	10.58	cps
Selenium	82-1	332	339	332	334	1.25	cps
Silicon	28-1	26067166	25974946	26104014	26048709	0.26	cps
Silver	109-1	3126	2592	2850	2856	9.34	cps
Silver	107-1	3117	3501	3109	3242	6.90	cps
Sodium	23-2	76816	75115	76331	76087	1.15	cps
Strontium	86-1	133313	134181	132648	133381	0.58	cps
Strontium	88-1	1146189	1162770	1151616	1153525	0.73	cps
Sulfur	34-1	249399	238211	234780	240796	3.17	cps
Terbium	159-1	6378754	6251272	6248908	6292978	1.18	cps
Terbium	159-2	2044883	1955367	2037409	2012553	2.47	cps
Thallium	203-1	2659	2634	2617	2637	0.80	cps
Thallium	205-1	6369	6719	6685	6591	2.93	cps
Tin	118-1	8553	9053	8987	8864	3.06	cps
Titanium	47-1	124820	122507	122702	123343	1.04	cps
Uranium	238-1	59217	60372	59133	59574	1.16	cps
Vanadium	51-2	133859	135328	135586	134924	0.69	cps
Yttrium	89-1	8162022	7975206	8071617	8069615	1.16	cps
Yttrium	89-2	423389	421170	426426	423662	0.62	cps
Zinc	66-2	287194	288320	294048	289854	1.27	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-16	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:48:16	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	466332	469028	471486	468949	0.55	cps
Zirconium	91-1	103165	104315	104383	103954	0.66	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-17	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:51:37	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1219691	1209290	1218022	1215668	0.46	cps
Antimony	121-1	2634	2592	2534	2587	1.94	cps
Arsenic	75-2	9231	9227	9342	9267	0.70	cps
Barium	135-1	2506538	2500790	2518328	2508552	0.36	cps
Barium	137-1	4353332	4372980	4332056	4352790	0.47	cps
Beryllium	9-1	3581	3550	3597	3576	0.66	cps
Bismuth	209-1	3808597	3610590	3753436	3724208	2.74	cps
Bismuth	209-2	1429445	1419105	1444941	1431163	0.91	cps
Boron	10-1	1142	1142	1067	1117	3.88	cps
Boron	11-1	5635	5918	6085	5879	3.87	cps
Cadmium	111-1	7079	7227	7629	7312	3.89	cps
Cadmium	106-1	3509	3467	3742	3573	4.15	cps
Cadmium	108-1	725	775	625	708	10.78	cps
Calcium	43-1	256080	258766	258623	257823	0.59	cps
Calcium	44-1	4235059	4324226	4346652	4301979	1.37	cps
Chromium	52-2	214437	211960	213468	213289	0.59	cps
Cobalt	59-2	262494	262418	261254	262055	0.27	cps
Copper	63-2	688320	683202	697948	689823	1.09	cps
Dysprosium	156-1	189280	192321	190914	190838	0.80	cps
Dysprosium	156-2	69705	69389	71011	70035	1.23	cps
Erbium	164-1	172759	171433	174566	172919	0.91	cps
Erbium	164-2	54266	54266	54584	54372	0.34	cps
Gadolinium	160-1	196184	204643	202251	201026	2.17	cps
Gadolinium	160-2	83589	82100	83582	83090	1.03	cps
Holmium	165-1	6445443	6027260	6286839	6253181	3.38	cps
Holmium	165-2	2078455	2044271	2089846	2070857	1.15	cps
Indium	115-1	5473144	5125830	5292365	5297113	3.28	cps
Indium	115-2	371505	366135	372688	370109	0.94	cps
Iron	56-2	235839366	235365844	236951855	236052355	0.34	cps
Iron	57-2	5941543	5987822	5974548	5967971	0.40	cps
Krypton	83-1	947	897	917	920	2.74	cps
Lead	206-1	7184660	7335240	7279309	7266403	1.05	cps
Lead	207-1	6091335	6134024	6096537	6107299	0.38	cps
Lead	208-1	27998998	28482536	28290113	28257216	0.86	cps
Lithium	6-1	264420	252423	259170	258671	2.33	cps
Magnesium	24-2	2006491	2033767	2053834	2031364	1.17	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-17	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:51:37	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4269529	4141227	4221582	4210779	1.54	cps
Molybdenum	94-1	191593	191705	188739	190679	0.88	cps
Molybdenum	95-1	46388	44842	47008	46080	2.42	cps
Molybdenum	96-1	78963	78586	77597	78382	0.90	cps
Molybdenum	97-1	29007	29517	29166	29230	0.89	cps
Molybdenum	98-1	73040	73978	72680	73232	0.92	cps
Neodymium	150-1	217060	218816	218813	218229	0.46	cps
Neodymium	150-2	48235	47616	48131	47994	0.69	cps
Nickel	60-2	162547	159168	163143	161619	1.33	cps
Phosphorus	31-2	3676	3601	3626	3634	1.05	cps
Potassium	39-2	157371	155259	154693	155774	0.91	cps
Rhodium	103-1	5314933	5050451	5137474	5167619	2.61	cps
Rhodium	103-2	1934930	1943548	1993620	1957366	1.62	cps
Scandium	45-1	3561799	3439715	3549365	3516959	1.91	cps
Scandium	45-2	47968	47453	47367	47596	0.68	cps
Selenium	77-2	310	333	333	326	4.14	cps
Selenium	78-2	231	202	222	219	6.94	cps
Selenium	82-1	246	285	271	267	7.38	cps
Silicon	28-1	34284083	33735961	33973964	33998003	0.81	cps
Silver	109-1	3809	3601	3276	3562	7.55	cps
Silver	107-1	4017	4159	3926	4034	2.92	cps
Sodium	23-2	67528	68432	67947	67969	0.67	cps
Strontium	86-1	156228	156816	156404	156482	0.19	cps
Strontium	88-1	1336778	1360225	1343940	1346981	0.89	cps
Sulfur	34-1	226632	225576	225989	226066	0.24	cps
Terbium	159-1	6790531	6386376	6550501	6575803	3.09	cps
Terbium	159-2	2035763	2030624	2092042	2052810	1.66	cps
Thallium	203-1	3059	2900	2959	2973	2.69	cps
Thallium	205-1	7336	7519	7252	7369	1.85	cps
Tin	118-1	8186	7644	8228	8019	4.06	cps
Titanium	47-1	132809	137781	136909	135833	1.95	cps
Uranium	238-1	54587	56772	56923	56094	2.33	cps
Vanadium	51-2	143624	140079	140554	141419	1.36	cps
Yttrium	89-1	8447193	8225298	8379887	8350793	1.36	cps
Yttrium	89-2	433761	428650	434603	432338	0.75	cps
Zinc	66-2	260359	258730	256863	258651	0.68	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-17	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:51:37	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	460370	468223	461141	463244	0.93	cps
Zirconium	91-1	99892	100806	101662	100786	0.88	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-18	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:54:58	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1151159	1154809	1127474	1144480	1.30	cps
Antimony	121-1	2459	2584	2942	2662	9.43	cps
Arsenic	75-2	9296	9116	8894	9102	2.21	cps
Barium	135-1	2233605	2245197	2245231	2241344	0.30	cps
Barium	137-1	3895290	3879875	3901727	3892297	0.29	cps
Beryllium	9-1	3087	3197	3054	3113	2.41	cps
Bismuth	209-1	3809551	3780736	3712234	3767507	1.33	cps
Bismuth	209-2	1370653	1436617	1425567	1410946	2.50	cps
Boron	10-1	1033	1042	1067	1047	1.66	cps
Boron	11-1	5251	5468	5543	5421	2.79	cps
Cadmium	111-1	6531	7077	6986	6865	4.26	cps
Cadmium	106-1	3692	3592	3201	3495	7.44	cps
Cadmium	108-1	750	692	550	664	15.49	cps
Calcium	43-1	297604	301038	304077	300907	1.08	cps
Calcium	44-1	4912031	4941863	4977356	4943750	0.66	cps
Chromium	52-2	206704	205949	200976	204543	1.52	cps
Cobalt	59-2	245544	247712	247280	246845	0.47	cps
Copper	63-2	597983	597185	590576	595248	0.68	cps
Dysprosium	156-1	190301	189032	192383	190572	0.89	cps
Dysprosium	156-2	70984	70117	68565	69889	1.75	cps
Erbium	164-1	174043	176300	178207	176183	1.18	cps
Erbium	164-2	53807	54594	53928	54110	0.78	cps
Gadolinium	160-1	198049	199116	204313	200492	1.67	cps
Gadolinium	160-2	84029	83941	82772	83580	0.84	cps
Holmium	165-1	6408301	6425767	6143048	6325706	2.50	cps
Holmium	165-2	1969865	2077570	2052267	2033234	2.77	cps
Indium	115-1	5367449	5456380	5279869	5367899	1.64	cps
Indium	115-2	358806	365594	363596	362665	0.96	cps
Iron	56-2	216161733	218010949	214859049	216343910	0.73	cps
Iron	57-2	5460529	5471343	5436581	5456151	0.33	cps
Krypton	83-1	953	890	900	914	3.72	cps
Lead	206-1	6500287	6542622	6592471	6545127	0.70	cps
Lead	207-1	5457692	5421263	5486140	5455032	0.60	cps
Lead	208-1	25135644	25322365	25348533	25268847	0.46	cps
Lithium	6-1	257088	259444	259951	258828	0.59	cps
Magnesium	24-2	2034181	2030577	2023741	2029500	0.26	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-18	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:54:58	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4122820	4126020	4093692	4114178	0.43	cps
Molybdenum	94-1	186084	187064	186466	186538	0.26	cps
Molybdenum	95-1	41306	42861	42551	42239	1.95	cps
Molybdenum	96-1	74103	75376	75905	75128	1.23	cps
Molybdenum	97-1	27354	26753	27404	27170	1.33	cps
Molybdenum	98-1	68850	67176	67226	67751	1.41	cps
Neodymium	150-1	209181	209466	210630	209759	0.37	cps
Neodymium	150-2	44920	45158	45021	45033	0.26	cps
Nickel	60-2	174019	175967	175516	175167	0.58	cps
Phosphorus	31-2	4067	4159	4251	4159	2.20	cps
Potassium	39-2	152579	152232	149834	151548	0.99	cps
Rhodium	103-1	5293280	5217138	5094329	5201582	1.93	cps
Rhodium	103-2	1864188	1980443	1911317	1918649	3.05	cps
Scandium	45-1	3510991	3596168	3499787	3535649	1.49	cps
Scandium	45-2	46423	47644	47517	47195	1.42	cps
Selenium	77-2	333	340	280	318	10.35	cps
Selenium	78-2	165	196	193	185	9.32	cps
Selenium	82-1	184	340	377	300	34.12	cps
Silicon	28-1	33520847	33252175	33418640	33397221	0.41	cps
Silver	109-1	2909	3000	2942	2950	1.57	cps
Silver	107-1	3809	3326	3459	3531	7.07	cps
Sodium	23-2	73733	73926	72394	73351	1.14	cps
Strontium	86-1	172933	174089	176335	174452	0.99	cps
Strontium	88-1	1525841	1536816	1532980	1531879	0.36	cps
Sulfur	34-1	224668	226939	225349	225652	0.52	cps
Terbium	159-1	6685671	6651843	6533708	6623740	1.20	cps
Terbium	159-2	1992821	2052652	2022170	2022548	1.48	cps
Thallium	203-1	3092	3167	2825	3028	5.93	cps
Thallium	205-1	7144	7252	7152	7183	0.84	cps
Tin	118-1	9746	10079	9537	9787	2.79	cps
Titanium	47-1	139110	143084	142143	141446	1.47	cps
Uranium	238-1	53718	53784	53684	53728	0.10	cps
Vanadium	51-2	131433	130626	129965	130674	0.56	cps
Yttrium	89-1	8488197	8421888	8306518	8405534	1.09	cps
Yttrium	89-2	417847	429951	427763	425187	1.52	cps
Zinc	66-2	273466	274271	273421	273719	0.17	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-18	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:54:58	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	450558	449777	454866	451734	0.61	cps
Zirconium	91-1	99597	99404	99766	99589	0.18	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-19	Instrumnet Name :	P8
Client Sample ID :	P001-SS008-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:58:18	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1041193	1046005	1039148	1042115	0.34	cps
Antimony	121-1	3526	3259	3242	3342	4.76	cps
Arsenic	75-2	10113	9872	10232	10072	1.82	cps
Barium	135-1	2221503	2232680	2207871	2220685	0.56	cps
Barium	137-1	3838668	3835162	3874219	3849350	0.56	cps
Beryllium	9-1	3160	3190	3114	3155	1.22	cps
Bismuth	209-1	3781869	3835671	3859062	3825534	1.03	cps
Bismuth	209-2	1471021	1467590	1485351	1474654	0.64	cps
Boron	10-1	1058	1200	1108	1122	6.40	cps
Boron	11-1	5493	5235	5927	5551	6.30	cps
Cadmium	111-1	7032	6843	7083	6986	1.81	cps
Cadmium	106-1	3334	3084	3392	3270	5.01	cps
Cadmium	108-1	713	667	621	667	6.87	cps
Calcium	43-1	339235	338609	343344	340396	0.76	cps
Calcium	44-1	5650334	5627491	5651142	5642989	0.24	cps
Chromium	52-2	187772	188098	190711	188861	0.85	cps
Cobalt	59-2	220768	220905	220643	220772	0.06	cps
Copper	63-2	550218	548802	552484	550501	0.34	cps
Dysprosium	156-1	178595	178352	177346	178098	0.37	cps
Dysprosium	156-2	63935	65228	64384	64516	1.02	cps
Erbium	164-1	169614	164158	170523	168098	2.05	cps
Erbium	164-2	50973	50802	51073	50949	0.27	cps
Gadolinium	160-1	190677	188426	187116	188740	0.95	cps
Gadolinium	160-2	77505	77183	77914	77534	0.47	cps
Holmium	165-1	6303073	6466551	6396498	6388707	1.28	cps
Holmium	165-2	2087695	2135331	2124804	2115943	1.18	cps
Indium	115-1	5295970	5443713	5397761	5379148	1.41	cps
Indium	115-2	372421	371114	377702	373745	0.93	cps
Iron	56-2	201856527	200534988	202882205	201757906	0.58	cps
Iron	57-2	5064743	5113843	5059351	5079312	0.59	cps
Krypton	83-1	930	970	940	947	2.20	cps
Lead	206-1	8283567	8341975	8506033	8377192	1.38	cps
Lead	207-1	7062122	6970044	7111178	7047781	1.02	cps
Lead	208-1	32448862	32475609	32742130	32555534	0.50	cps
Lithium	6-1	257771	260766	262854	260463	0.98	cps
Magnesium	24-2	1968220	1996175	1998321	1987572	0.84	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-19	Instrumnet Name :	P8
Client Sample ID :	P001-SS008-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:58:18	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4652460	4655278	4673361	4660367	0.24	cps
Molybdenum	94-1	170028	173284	173836	172383	1.19	cps
Molybdenum	95-1	41130	40136	41565	40943	1.79	cps
Molybdenum	96-1	71539	68741	70282	70188	2.00	cps
Molybdenum	97-1	25207	25141	25608	25319	1.00	cps
Molybdenum	98-1	64748	66338	65550	65545	1.21	cps
Neodymium	150-1	198999	199128	198780	198969	0.09	cps
Neodymium	150-2	42656	42720	42974	42783	0.39	cps
Nickel	60-2	133160	133802	132044	133002	0.67	cps
Phosphorus	31-2	3684	3834	3934	3817	3.30	cps
Potassium	39-2	144283	141068	146490	143947	1.89	cps
Rhodium	103-1	5152351	5289413	5270140	5237301	1.42	cps
Rhodium	103-2	1966820	1956074	1992990	1971962	0.96	cps
Scandium	45-1	3500665	3680668	3634234	3605189	2.59	cps
Scandium	45-2	47989	47627	47447	47688	0.58	cps
Selenium	77-2	300	293	333	309	6.94	cps
Selenium	78-2	202	185	204	197	5.18	cps
Selenium	82-1	210	160	170	180	14.66	cps
Silicon	28-1	38489004	38659527	38562878	38570470	0.22	cps
Silver	109-1	3342	3267	3209	3273	2.04	cps
Silver	107-1	3109	3926	3651	3562	11.67	cps
Sodium	23-2	65861	64807	63701	64790	1.67	cps
Strontium	86-1	141688	141274	140029	140997	0.61	cps
Strontium	88-1	1211631	1214063	1218017	1214570	0.27	cps
Sulfur	34-1	235272	236628	233418	235106	0.69	cps
Terbium	159-1	6721984	6765952	6745981	6744639	0.33	cps
Terbium	159-2	2087288	2100697	2102486	2096824	0.40	cps
Thallium	203-1	2650	2842	2859	2784	4.16	cps
Thallium	205-1	6335	7002	6861	6733	5.22	cps
Tin	118-1	8345	8178	7886	8136	2.85	cps
Titanium	47-1	154513	157935	155354	155934	1.14	cps
Uranium	238-1	54830	53591	53952	54124	1.18	cps
Vanadium	51-2	117380	117541	119848	118256	1.17	cps
Yttrium	89-1	7940496	8094577	8203076	8079383	1.63	cps
Yttrium	89-2	416852	416303	420034	417730	0.48	cps
Zinc	66-2	257664	255679	254522	255955	0.62	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-19	Instrumnet Name :	P8
Client Sample ID :	P001-SS008-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 15:58:18	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	406775	417600	412721	412365	1.31	cps
Zirconium	91-1	90266	91037	91155	90819	0.53	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-20 Instrumnet Name : P8
 Client Sample ID : P001-SS008-0612-01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-26 16:01:39 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1112444	1105961	1110621	1109675	0.30	cps
Antimony	121-1	2650	2650	2600	2634	1.10	cps
Arsenic	75-2	8775	8595	8469	8613	1.78	cps
Barium	135-1	2197492	2179971	2210815	2196093	0.70	cps
Barium	137-1	3773666	3784109	3844313	3800696	1.00	cps
Beryllium	9-1	3037	3160	3007	3068	2.65	cps
Bismuth	209-1	3945995	3902361	3933036	3927131	0.57	cps
Bismuth	209-2	1499990	1457384	1390302	1449226	3.82	cps
Boron	10-1	1008	983	925	972	4.40	cps
Boron	11-1	5009	5068	5193	5090	1.84	cps
Cadmium	111-1	6217	6340	6262	6273	0.99	cps
Cadmium	106-1	3434	3226	3042	3234	6.06	cps
Cadmium	108-1	667	550	717	644	13.27	cps
Calcium	43-1	188660	192479	195050	192063	1.67	cps
Calcium	44-1	3169513	3224238	3253115	3215622	1.32	cps
Chromium	52-2	185688	185887	182931	184835	0.89	cps
Cobalt	59-2	206378	206755	206695	206609	0.10	cps
Copper	63-2	570974	575167	574107	573416	0.38	cps
Dysprosium	156-1	178877	175699	178008	177528	0.93	cps
Dysprosium	156-2	64117	64227	64304	64216	0.15	cps
Erbium	164-1	158067	161559	164133	161253	1.89	cps
Erbium	164-2	50019	49306	49567	49631	0.73	cps
Gadolinium	160-1	183518	185005	190076	186200	1.85	cps
Gadolinium	160-2	75202	78246	76308	76585	2.01	cps
Holmium	165-1	6572756	6390447	6549128	6504110	1.52	cps
Holmium	165-2	2157830	2098529	1992454	2082937	4.02	cps
Indium	115-1	5573232	5429027	5417876	5473378	1.58	cps
Indium	115-2	382368	369194	355805	369122	3.60	cps
Iron	56-2	198079921	197954938	198624266	198219708	0.18	cps
Iron	57-2	5022701	5033324	4965347	5007124	0.73	cps
Krypton	83-1	887	830	827	848	3.98	cps
Lead	206-1	8580654	8654288	8639507	8624816	0.45	cps
Lead	207-1	7157181	7264986	7357955	7260040	1.38	cps
Lead	208-1	33245246	33463073	33675748	33461356	0.64	cps
Lithium	6-1	262352	259429	261279	261020	0.57	cps
Magnesium	24-2	1900520	1903096	1888514	1897377	0.41	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-20	Instrumnet Name :	P8
Client Sample ID :	P001-SS008-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 16:01:39	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3087003	3052937	3053840	3064593	0.63	cps
Molybdenum	94-1	161760	166939	169050	165916	2.26	cps
Molybdenum	95-1	36116	35882	37687	36562	2.68	cps
Molybdenum	96-1	65366	64923	65225	65171	0.35	cps
Molybdenum	97-1	23379	23980	23012	23457	2.08	cps
Molybdenum	98-1	58000	58443	58368	58271	0.41	cps
Neodymium	150-1	208648	205503	208646	207599	0.87	cps
Neodymium	150-2	43031	44606	44087	43908	1.83	cps
Nickel	60-2	140498	141130	141389	141006	0.33	cps
Phosphorus	31-2	3517	2950	2850	3106	11.58	cps
Potassium	39-2	138198	136273	137484	137318	0.71	cps
Rhodium	103-1	5324467	5168111	5265174	5252584	1.50	cps
Rhodium	103-2	2012361	1973963	1897003	1961109	3.00	cps
Scandium	45-1	3589687	3438450	3558392	3528843	2.26	cps
Scandium	45-2	48102	46149	45042	46431	3.34	cps
Selenium	77-2	287	257	270	271	5.54	cps
Selenium	78-2	178	178	202	186	7.48	cps
Selenium	82-1	254	314	314	294	11.81	cps
Silicon	28-1	37831975	38835886	38917868	38528576	1.57	cps
Silver	109-1	3334	3609	3684	3542	5.20	cps
Silver	107-1	3767	3651	3992	3803	4.57	cps
Sodium	23-2	70073	68532	69445	69350	1.12	cps
Strontium	86-1	115485	115327	114459	115090	0.48	cps
Strontium	88-1	982215	981197	983233	982215	0.10	cps
Sulfur	34-1	213526	218720	218524	216923	1.36	cps
Terbium	159-1	6910414	6619191	6816881	6782162	2.19	cps
Terbium	159-2	2091447	2101082	1966756	2053095	3.65	cps
Thallium	203-1	3026	3417	3259	3234	6.09	cps
Thallium	205-1	6986	7736	7169	7297	5.36	cps
Tin	118-1	8361	8311	8278	8317	0.50	cps
Titanium	47-1	177159	177436	176299	176965	0.34	cps
Uranium	238-1	51708	51542	52094	51781	0.55	cps
Vanadium	51-2	125032	125779	124867	125226	0.39	cps
Yttrium	89-1	8214506	8101988	8232948	8183147	0.87	cps
Yttrium	89-2	423087	416986	402588	414220	2.54	cps
Zinc	66-2	251463	251772	251463	251566	0.07	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-20	Instrumnet Name :	P8
Client Sample ID :	P001-SS008-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 16:01:39	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	391357	397454	401788	396866	1.32	cps
Zirconium	91-1	86927	88262	89929	88373	1.70	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-01DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS006-1824-02DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 16:05:00 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	226523	226955	223696	225725	0.78	cps
Antimony	121-1	417	392	367	392	6.38	cps
Arsenic	75-2	2134	1871	1993	1999	6.58	cps
Barium	135-1	443921	448899	447690	446837	0.58	cps
Barium	137-1	778648	778195	777664	778169	0.06	cps
Beryllium	9-1	690	747	780	739	6.16	cps
Bismuth	209-1	3871615	3923165	3926288	3907023	0.79	cps
Bismuth	209-2	1486009	1506684	1509244	1500646	0.85	cps
Boron	10-1	258	317	283	286	10.23	cps
Boron	11-1	1317	1250	1383	1317	5.06	cps
Cadmium	111-1	1691	2068	1826	1862	10.26	cps
Cadmium	106-1	1667	1909	1775	1784	6.79	cps
Cadmium	108-1	121	92	154	122	25.59	cps
Calcium	43-1	33473	33353	33123	33316	0.54	cps
Calcium	44-1	584383	583092	587877	585117	0.42	cps
Chromium	52-2	37169	37327	36474	36990	1.23	cps
Cobalt	59-2	51840	52067	51800	51902	0.28	cps
Copper	63-2	115176	115607	115428	115404	0.19	cps
Dysprosium	156-1	44770	45421	45664	45285	1.02	cps
Dysprosium	156-2	16317	16207	16484	16336	0.85	cps
Erbium	164-1	40397	40105	41777	40759	2.19	cps
Erbium	164-2	12927	12389	12423	12580	2.39	cps
Gadolinium	160-1	47747	47354	48767	47956	1.52	cps
Gadolinium	160-2	19879	19885	19892	19885	0.03	cps
Holmium	165-1	6332386	6271916	6403316	6335873	1.04	cps
Holmium	165-2	2083800	2103158	2122111	2103023	0.91	cps
Indium	115-1	5333666	5392227	5428433	5384775	0.89	cps
Indium	115-2	377832	378909	383127	379956	0.74	cps
Iron	56-2	45743565	45902112	45620398	45755358	0.31	cps
Iron	57-2	1135705	1134688	1135574	1135322	0.05	cps
Krypton	83-1	723	727	810	753	6.52	cps
Lead	206-1	630282	634098	629777	631385	0.37	cps
Lead	207-1	530221	531189	528197	529869	0.29	cps
Lead	208-1	2462847	2470206	2469729	2467594	0.17	cps
Lithium	6-1	247877	245966	250961	248268	1.02	cps
Magnesium	24-2	402833	399594	394822	399083	1.01	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-01DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:05:00	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1005342	1012781	1001321	1006481	0.58	cps
Molybdenum	94-1	36726	37629	37311	37222	1.23	cps
Molybdenum	95-1	5351	5326	5143	5274	2.16	cps
Molybdenum	96-1	11605	11530	12064	11733	2.46	cps
Molybdenum	97-1	3267	3551	3417	3412	4.16	cps
Molybdenum	98-1	7744	8028	8320	8030	3.58	cps
Neodymium	150-1	48858	48892	49012	48920	0.17	cps
Neodymium	150-2	10334	10201	10381	10305	0.91	cps
Nickel	60-2	29705	29799	29548	29684	0.43	cps
Phosphorus	31-2	517	508	517	514	0.94	cps
Potassium	39-2	35471	35320	34285	35025	1.84	cps
Rhodium	103-1	5233760	5270657	5361234	5288551	1.24	cps
Rhodium	103-2	2051966	2011405	2030856	2031409	1.00	cps
Scandium	45-1	3175123	3200650	3173665	3183146	0.48	cps
Scandium	45-2	43835	44240	44815	44297	1.11	cps
Selenium	77-2	47	73	50	57	25.64	cps
Selenium	78-2	80	44	56	60	30.04	cps
Selenium	82-1	-37	-19	-119	-58	-90.97	cps
Silicon	28-1	5534919	5566244	5532675	5544613	0.34	cps
Silver	109-1	417	517	508	481	11.55	cps
Silver	107-1	592	458	592	547	14.07	cps
Sodium	23-2	24197	24823	23662	24227	2.40	cps
Strontium	86-1	25141	25383	25082	25202	0.63	cps
Strontium	88-1	209453	208309	209020	208927	0.28	cps
Sulfur	34-1	187362	189471	185334	187389	1.10	cps
Terbium	159-1	6579106	6532630	6584142	6565293	0.43	cps
Terbium	159-2	2105342	2113478	2145067	2121295	0.99	cps
Thallium	203-1	558	475	600	544	11.69	cps
Thallium	205-1	1258	1350	1367	1325	4.40	cps
Tin	118-1	933	883	1033	950	8.04	cps
Titanium	47-1	30150	30601	30175	30309	0.84	cps
Uranium	238-1	11314	10597	10705	10872	3.56	cps
Vanadium	51-2	24041	23103	23627	23590	1.99	cps
Yttrium	89-1	6332963	6256342	6395541	6328282	1.10	cps
Yttrium	89-2	326853	326689	329486	327676	0.48	cps
Zinc	66-2	46916	47197	46475	46862	0.78	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-01DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:05:00	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	93864	93554	96324	94581	1.60	cps
Zirconium	91-1	20708	21293	21534	21178	2.01	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-02DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS015-0612-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:08:24	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	114194	113838	113503	113845	0.30	cps
Antimony	121-1	1492	1625	1175	1431	16.16	cps
Arsenic	75-2	683	687	693	688	0.68	cps
Barium	135-1	407125	404623	408038	406595	0.43	cps
Barium	137-1	711616	709361	707812	709597	0.27	cps
Beryllium	9-1	333	287	290	303	8.58	cps
Bismuth	209-1	3735052	3748178	3940093	3807775	3.01	cps
Bismuth	209-2	1540975	1468450	1495012	1501479	2.44	cps
Boron	10-1	158	175	242	192	23.01	cps
Boron	11-1	1033	975	967	992	3.66	cps
Cadmium	111-1	1562	1502	1463	1509	3.30	cps
Cadmium	106-1	1717	1475	1525	1572	8.11	cps
Cadmium	108-1	33	50	54	46	24.06	cps
Calcium	43-1	8763	8803	8820	8795	0.33	cps
Calcium	44-1	184003	183957	185659	184540	0.53	cps
Chromium	52-2	16263	16340	16867	16490	1.99	cps
Cobalt	59-2	9086	9080	9056	9074	0.17	cps
Copper	63-2	74385	75172	74180	74579	0.70	cps
Dysprosium	156-1	16177	16261	15785	16074	1.58	cps
Dysprosium	156-2	5605	5361	5651	5539	2.81	cps
Erbium	164-1	14308	15043	14525	14626	2.58	cps
Erbium	164-2	4384	4151	4464	4333	3.76	cps
Gadolinium	160-1	15952	16361	17320	16545	4.25	cps
Gadolinium	160-2	6442	6648	6765	6618	2.48	cps
Holmium	165-1	6088652	6121574	6309091	6173106	1.93	cps
Holmium	165-2	2151856	2029230	2036176	2072421	3.32	cps
Indium	115-1	5251966	5266321	5497270	5338519	2.58	cps
Indium	115-2	396166	374974	384202	385114	2.76	cps
Iron	56-2	12300017	12116894	12129338	12182083	0.84	cps
Iron	57-2	304013	302184	303406	303201	0.31	cps
Krypton	83-1	747	790	813	783	4.32	cps
Lead	206-1	399172	391271	397851	396098	1.07	cps
Lead	207-1	334952	331098	336236	334095	0.80	cps
Lead	208-1	1545930	1534111	1562729	1547590	0.93	cps
Lithium	6-1	234082	235523	243877	237827	2.22	cps
Magnesium	24-2	75199	73641	75845	74895	1.51	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-02DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS015-0612-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:08:24	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33531	32979	33941	33484	1.44	cps
Molybdenum	94-1	10288	10438	10588	10438	1.44	cps
Molybdenum	95-1	3201	3192	2992	3128	3.77	cps
Molybdenum	96-1	5151	5126	4734	5004	4.67	cps
Molybdenum	97-1	2100	2050	2300	2150	6.15	cps
Molybdenum	98-1	4943	5218	4643	4934	5.83	cps
Neodymium	150-1	19382	19355	18981	19239	1.16	cps
Neodymium	150-2	3904	4041	3837	3927	2.64	cps
Nickel	60-2	8486	8663	8746	8632	1.54	cps
Phosphorus	31-2	658	667	567	631	8.80	cps
Potassium	39-2	14792	13916	13740	14149	3.98	cps
Rhodium	103-1	5293657	5186307	5350839	5276934	1.58	cps
Rhodium	103-2	2172319	2011541	2043252	2075704	4.10	cps
Scandium	45-1	3078496	2985548	3090429	3051491	1.88	cps
Scandium	45-2	45209	41374	43273	43286	4.43	cps
Selenium	77-2	17	17	23	19	20.36	cps
Selenium	78-2	11	15	17	14	19.94	cps
Selenium	82-1	-10	-63	-110	-61	-82.41	cps
Silicon	28-1	4263836	4355712	4332538	4317362	1.11	cps
Silver	109-1	625	767	592	661	14.06	cps
Silver	107-1	633	625	700	653	6.30	cps
Sodium	23-2	23712	25014	24497	24408	2.69	cps
Strontium	86-1	14992	14367	15551	14970	3.96	cps
Strontium	88-1	120572	120521	121345	120813	0.38	cps
Sulfur	34-1	222604	221114	223313	222344	0.50	cps
Terbium	159-1	6343310	6270968	6569956	6394745	2.44	cps
Terbium	159-2	2156694	2014232	2053328	2074751	3.55	cps
Thallium	203-1	917	650	792	786	16.97	cps
Thallium	205-1	1734	1759	1792	1761	1.66	cps
Tin	118-1	2475	2534	2367	2459	3.44	cps
Titanium	47-1	25199	25491	25140	25277	0.74	cps
Uranium	238-1	10221	10205	9679	10035	3.07	cps
Vanadium	51-2	14394	14264	14244	14301	0.57	cps
Yttrium	89-1	5784445	5656068	5977635	5806049	2.79	cps
Yttrium	89-2	321798	303867	308036	311234	3.01	cps
Zinc	66-2	9593	9280	9457	9443	1.66	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-02DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS015-0612-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:08:24	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	24673	24681	24356	24570	0.76	cps
Zirconium	91-1	5201	5435	5385	5340	2.30	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-03DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS016-0006-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:11:49	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	163545	159749	157617	160304	1.87	cps
Antimony	121-1	625	708	533	622	14.07	cps
Arsenic	75-2	932	920	856	903	4.54	cps
Barium	135-1	377706	375537	380929	378058	0.72	cps
Barium	137-1	666979	659115	662209	662768	0.60	cps
Beryllium	9-1	477	463	410	450	7.84	cps
Bismuth	209-1	3750658	3796747	3841453	3796286	1.20	cps
Bismuth	209-2	1423477	1407543	1399940	1410320	0.85	cps
Boron	10-1	225	200	242	222	9.44	cps
Boron	11-1	1000	917	1125	1014	10.34	cps
Cadmium	111-1	1741	1533	1569	1614	6.87	cps
Cadmium	106-1	1792	1492	1492	1592	10.88	cps
Cadmium	108-1	79	88	83	83	5.00	cps
Calcium	43-1	38473	38653	37858	38328	1.09	cps
Calcium	44-1	661850	657116	666062	661676	0.68	cps
Chromium	52-2	25514	24639	24629	24927	2.04	cps
Cobalt	59-2	26923	26767	26933	26874	0.35	cps
Copper	63-2	54293	54635	52954	53960	1.65	cps
Dysprosium	156-1	21318	21185	21043	21182	0.65	cps
Dysprosium	156-2	7356	7402	7029	7262	2.80	cps
Erbium	164-1	18723	18715	18614	18684	0.32	cps
Erbium	164-2	5778	5521	5301	5534	4.31	cps
Gadolinium	160-1	22304	21502	22078	21961	1.88	cps
Gadolinium	160-2	8873	8863	8576	8771	1.92	cps
Holmium	165-1	6226636	6184198	6149810	6186881	0.62	cps
Holmium	165-2	1998438	1961322	1946483	1968748	1.36	cps
Indium	115-1	5293163	5315124	5321135	5309807	0.28	cps
Indium	115-2	363076	351441	354615	356377	1.69	cps
Iron	56-2	27718863	27355869	27020028	27364920	1.28	cps
Iron	57-2	690482	678458	668878	679272	1.59	cps
Krypton	83-1	710	713	763	729	4.10	cps
Lead	206-1	155295	156171	157583	156350	0.74	cps
Lead	207-1	132048	131816	131654	131839	0.15	cps
Lead	208-1	604736	605187	612705	607543	0.74	cps
Lithium	6-1	236119	238819	245403	240114	1.99	cps
Magnesium	24-2	237740	232185	230367	233431	1.65	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-03DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS016-0006-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:11:49	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	355820	351121	347434	351459	1.20	cps
Molybdenum	94-1	17178	16844	16911	16978	1.04	cps
Molybdenum	95-1	2492	2525	2742	2587	5.25	cps
Molybdenum	96-1	5393	5651	5026	5357	5.87	cps
Molybdenum	97-1	1642	1650	1717	1670	2.46	cps
Molybdenum	98-1	3601	4009	3434	3681	8.04	cps
Neodymium	150-1	25726	25212	25973	25637	1.52	cps
Neodymium	150-2	5108	5181	5201	5163	0.95	cps
Nickel	60-2	19047	18780	19407	19078	1.65	cps
Phosphorus	31-2	783	725	700	736	5.81	cps
Potassium	39-2	28615	27703	28237	28185	1.62	cps
Rhodium	103-1	5093510	5228697	5275365	5199191	1.82	cps
Rhodium	103-2	1968493	1919184	1924166	1937281	1.40	cps
Scandium	45-1	3017546	3071699	3109651	3066299	1.51	cps
Scandium	45-2	42277	41751	41638	41889	0.81	cps
Selenium	77-2	27	40	27	31	24.74	cps
Selenium	78-2	19	20	20	20	5.41	cps
Selenium	82-1	-3	79	-71	2	3818.86	cps
Silicon	28-1	5986543	6175975	6016311	6059610	1.68	cps
Silver	109-1	475	308	492	425	23.85	cps
Silver	107-1	458	467	500	475	4.64	cps
Sodium	23-2	24171	23479	23245	23632	2.04	cps
Strontium	86-1	37294	37268	35798	36787	2.33	cps
Strontium	88-1	309649	309150	312574	310458	0.60	cps
Sulfur	34-1	196254	196887	195072	196071	0.47	cps
Terbium	159-1	6434247	6397516	6540516	6457426	1.15	cps
Terbium	159-2	1988145	1952161	1947129	1962478	1.14	cps
Thallium	203-1	617	600	600	606	1.59	cps
Thallium	205-1	1384	1200	1267	1283	7.23	cps
Tin	118-1	917	750	633	767	18.58	cps
Titanium	47-1	32005	31478	34993	32825	5.78	cps
Uranium	238-1	17997	17872	18172	18014	0.84	cps
Vanadium	51-2	20742	20268	20759	20590	1.35	cps
Yttrium	89-1	5846933	5833189	5956130	5878751	1.15	cps
Yttrium	89-2	299526	289841	292693	294020	1.69	cps
Zinc	66-2	20148	19722	20055	19975	1.12	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-03DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS016-0006-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:11:49	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	43822	43730	43329	43627	0.60	cps
Zirconium	91-1	9154	9554	10063	9590	4.75	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-05DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:15:13	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	98630	99229	98175	98678	0.54	cps
Antimony	121-1	1050	1033	1092	1058	2.84	cps
Arsenic	75-2	972	1057	920	983	7.04	cps
Barium	135-1	151511	150439	151331	151094	0.38	cps
Barium	137-1	260826	263286	261039	261717	0.52	cps
Beryllium	9-1	283	343	310	312	9.63	cps
Bismuth	209-1	3880509	3845590	3760040	3828713	1.62	cps
Bismuth	209-2	1420953	1429589	1421097	1423880	0.35	cps
Boron	10-1	383	392	367	381	3.35	cps
Boron	11-1	2292	2009	2075	2125	6.97	cps
Cadmium	111-1	1656	1729	1486	1624	7.68	cps
Cadmium	106-1	1700	1659	1492	1617	6.82	cps
Cadmium	108-1	96	88	125	103	19.16	cps
Calcium	43-1	250611	251921	250715	251082	0.29	cps
Calcium	44-1	4083979	4258015	4221706	4187900	2.19	cps
Chromium	52-2	28392	27871	28352	28205	1.03	cps
Cobalt	59-2	21907	22341	22338	22196	1.12	cps
Copper	63-2	96690	96982	96700	96791	0.17	cps
Dysprosium	156-1	18556	20450	19349	19452	4.89	cps
Dysprosium	156-2	7029	6682	6952	6887	2.65	cps
Erbium	164-1	17938	18005	17988	17977	0.19	cps
Erbium	164-2	5121	5365	5178	5221	2.44	cps
Gadolinium	160-1	19590	20417	20426	20144	2.38	cps
Gadolinium	160-2	8066	7953	8096	8038	0.94	cps
Holmium	165-1	6194646	6278834	6159870	6211117	0.98	cps
Holmium	165-2	1987723	2001821	1998277	1995940	0.37	cps
Indium	115-1	5380593	5324473	5323445	5342837	0.61	cps
Indium	115-2	365912	367121	363915	365650	0.44	cps
Iron	56-2	22145707	21991823	21861337	21999622	0.65	cps
Iron	57-2	546594	545952	545283	545943	0.12	cps
Krypton	83-1	770	687	680	712	7.04	cps
Lead	206-1	307065	308536	308678	308093	0.29	cps
Lead	207-1	254076	256848	256298	255741	0.57	cps
Lead	208-1	1196739	1203010	1200084	1199945	0.26	cps
Lithium	6-1	235103	236654	231048	234269	1.24	cps
Magnesium	24-2	264693	263175	262153	263340	0.49	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-05DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:15:13	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	275843	275320	270037	273733	1.17	cps
Molybdenum	94-1	30536	30811	31045	30797	0.83	cps
Molybdenum	95-1	5268	4751	5034	5018	5.16	cps
Molybdenum	96-1	10079	10163	10063	10101	0.53	cps
Molybdenum	97-1	3667	3251	3409	3442	6.11	cps
Molybdenum	98-1	8036	7903	8536	8158	4.09	cps
Neodymium	150-1	24731	25398	25352	25160	1.48	cps
Neodymium	150-2	5141	5158	5158	5152	0.19	cps
Nickel	60-2	16437	15943	16393	16257	1.68	cps
Phosphorus	31-2	742	733	900	792	11.86	cps
Potassium	39-2	36682	35705	36574	36320	1.48	cps
Rhodium	103-1	5216470	5162865	5181610	5186982	0.52	cps
Rhodium	103-2	1972670	1993693	1975319	1980561	0.58	cps
Scandium	45-1	3026257	3019759	3060389	3035468	0.72	cps
Scandium	45-2	41789	41287	41431	41502	0.62	cps
Selenium	77-2	40	23	40	34	27.94	cps
Selenium	78-2	28	13	28	23	37.46	cps
Selenium	82-1	-118	-78	-69	-88	-29.66	cps
Silicon	28-1	4863973	4866830	4918408	4883070	0.63	cps
Silver	109-1	3126	3542	3367	3345	6.26	cps
Silver	107-1	3617	3509	3451	3526	2.40	cps
Sodium	23-2	24238	24347	24447	24344	0.43	cps
Strontium	86-1	99184	99612	99739	99512	0.29	cps
Strontium	88-1	873367	871024	867965	870785	0.31	cps
Sulfur	34-1	208882	213832	213889	212201	1.35	cps
Terbium	159-1	6483472	6543034	6535666	6520724	0.50	cps
Terbium	159-2	1998897	1998199	2000377	1999157	0.06	cps
Thallium	203-1	450	358	333	381	16.14	cps
Thallium	205-1	875	1100	925	967	12.22	cps
Tin	118-1	2217	2009	2242	2156	5.94	cps
Titanium	47-1	37535	38471	39189	38398	2.16	cps
Uranium	238-1	6911	6761	6335	6669	4.47	cps
Vanadium	51-2	15122	15245	15002	15123	0.81	cps
Yttrium	89-1	5920333	5946057	5768088	5878159	1.64	cps
Yttrium	89-2	296276	298358	299162	297932	0.50	cps
Zinc	66-2	34116	33086	33628	33610	1.53	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-05DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:15:13	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	75468	76733	77261	76488	1.20	cps
Zirconium	91-1	17162	17062	16703	16975	1.42	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-06DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS005-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 16:18:37 DataFile Name : 052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	148524	151139	149307	149657	0.90	cps
Antimony	121-1	375	400	400	392	3.69	cps
Arsenic	75-2	1383	1341	1459	1395	4.31	cps
Barium	135-1	142032	146891	145054	144659	1.70	cps
Barium	137-1	248910	256054	251296	252087	1.44	cps
Beryllium	9-1	480	463	457	467	2.58	cps
Bismuth	209-1	3846174	3884467	3699335	3809992	2.56	cps
Bismuth	209-2	1396000	1391830	1407930	1398586	0.60	cps
Boron	10-1	317	292	367	325	11.75	cps
Boron	11-1	1317	1533	1542	1464	8.71	cps
Cadmium	111-1	1428	1628	1463	1506	7.09	cps
Cadmium	106-1	1609	1900	1800	1770	8.38	cps
Cadmium	108-1	92	104	92	96	7.53	cps
Calcium	43-1	286005	294651	294508	291721	1.70	cps
Calcium	44-1	4778950	4864036	4851420	4831468	0.95	cps
Chromium	52-2	29177	29658	29755	29530	1.05	cps
Cobalt	59-2	35729	35602	35973	35768	0.53	cps
Copper	63-2	80555	81212	79867	80545	0.84	cps
Dysprosium	156-1	27263	27831	27638	27577	1.05	cps
Dysprosium	156-2	9951	9293	9750	9665	3.49	cps
Erbium	164-1	23798	25359	24941	24699	3.27	cps
Erbium	164-2	7255	7292	7682	7410	3.19	cps
Gadolinium	160-1	28098	28699	28449	28415	1.06	cps
Gadolinium	160-2	11719	11445	11532	11565	1.21	cps
Holmium	165-1	6133943	6328655	6094526	6185708	2.03	cps
Holmium	165-2	1995346	1959205	2012041	1988864	1.36	cps
Indium	115-1	5408242	5423247	5239752	5357080	1.90	cps
Indium	115-2	359312	358643	364667	360874	0.92	cps
Iron	56-2	34850272	34382545	34800191	34677669	0.74	cps
Iron	57-2	860812	856634	863264	860237	0.39	cps
Krypton	83-1	737	767	790	764	3.50	cps
Lead	206-1	107894	112142	108459	109498	2.11	cps
Lead	207-1	92273	93857	91830	92654	1.15	cps
Lead	208-1	425474	438614	424443	429510	1.84	cps
Lithium	6-1	231276	235279	230280	232278	1.14	cps
Magnesium	24-2	461302	461202	457730	460078	0.44	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-06DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:18:37	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	379013	381401	376634	379016	0.63	cps
Molybdenum	94-1	38013	40545	40061	39540	3.40	cps
Molybdenum	95-1	2492	2525	2542	2520	1.01	cps
Molybdenum	96-1	9320	9445	9229	9331	1.17	cps
Molybdenum	97-1	1742	2017	2084	1947	9.30	cps
Molybdenum	98-1	3809	4134	4284	4076	5.96	cps
Neodymium	150-1	33945	36151	35248	35114	3.16	cps
Neodymium	150-2	7105	7249	7272	7209	1.25	cps
Nickel	60-2	25019	25587	25120	25242	1.20	cps
Phosphorus	31-2	692	717	875	761	13.06	cps
Potassium	39-2	40259	40635	39641	40178	1.25	cps
Rhodium	103-1	5203446	5311001	5150703	5221717	1.56	cps
Rhodium	103-2	1966688	1917940	1928374	1937667	1.32	cps
Scandium	45-1	3101230	3111390	2956939	3056520	2.83	cps
Scandium	45-2	40749	41057	41217	41008	0.58	cps
Selenium	77-2	27	53	67	49	41.66	cps
Selenium	78-2	44	24	28	32	33.82	cps
Selenium	82-1	-119	-168	-163	-150	-17.77	cps
Silicon	28-1	3531111	3661563	3582110	3591595	1.83	cps
Silver	109-1	442	542	708	564	23.89	cps
Silver	107-1	567	717	525	603	16.73	cps
Sodium	23-2	25783	25582	26167	25844	1.15	cps
Strontium	86-1	118034	121042	120033	119703	1.28	cps
Strontium	88-1	1015659	1035501	1021136	1024099	1.00	cps
Sulfur	34-1	214077	224306	221367	219917	2.39	cps
Terbium	159-1	6453933	6569241	6371144	6464773	1.54	cps
Terbium	159-2	1982143	1952015	1974953	1969704	0.80	cps
Thallium	203-1	508	492	450	483	6.22	cps
Thallium	205-1	883	1142	1058	1028	12.83	cps
Tin	118-1	892	625	792	770	17.51	cps
Titanium	47-1	30075	30584	29315	29991	2.13	cps
Uranium	238-1	9045	9062	9012	9040	0.28	cps
Vanadium	51-2	18589	18703	18432	18575	0.73	cps
Yttrium	89-1	5994900	6160361	5890620	6015294	2.26	cps
Yttrium	89-2	295219	302118	298244	298527	1.16	cps
Zinc	66-2	25908	25270	25985	25721	1.53	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-06DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:18:37	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	104996	107935	106061	106331	1.40	cps
Zirconium	91-1	23680	23680	23788	23716	0.26	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 16:24:42	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	393309	387823	391827	390986	0.73	cps
Antimony	121-1	3212263	3245183	3243160	3233535	0.57	cps
Arsenic	75-2	60714	60554	60833	60700	0.23	cps
Barium	135-1	3134036	3197661	3129164	3153620	1.21	cps
Barium	137-1	5471936	5491030	5380186	5447717	1.09	cps
Beryllium	9-1	215748	216462	217057	216422	0.30	cps
Bismuth	209-1	3699490	3670449	3636853	3668931	0.85	cps
Bismuth	209-2	1383662	1379566	1381730	1381653	0.15	cps
Boron	10-1	27502	28513	29056	28357	2.78	cps
Boron	11-1	148469	149557	149111	149046	0.37	cps
Cadmium	111-1	706657	707787	699228	704557	0.66	cps
Cadmium	106-1	73936	75512	74833	74760	1.06	cps
Cadmium	108-1	49457	49562	51009	50009	1.73	cps
Calcium	43-1	3448488	3375042	3452521	3425350	1.27	cps
Calcium	44-1	54684378	54724611	55643141	55017376	0.99	cps
Chromium	52-2	465786	462222	462016	463341	0.46	cps
Cobalt	59-2	904911	900740	900635	902095	0.27	cps
Copper	63-2	1504032	1492937	1490361	1495777	0.49	cps
Dysprosium	156-1	75	92	58	75	22.22	cps
Dysprosium	156-2	7	3	13	8	65.47	cps
Erbium	164-1	17	42	17	25	57.73	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	42	58	67	56	22.91	cps
Gadolinium	160-2	13	17	17	16	12.40	cps
Holmium	165-1	6258836	6280599	6095691	6211709	1.63	cps
Holmium	165-2	2031661	1999874	2025908	2019148	0.84	cps
Indium	115-1	5308736	5285350	5179753	5257946	1.31	cps
Indium	115-2	363651	358772	366534	362986	1.08	cps
Iron	56-2	81084227	80950641	81819541	81284803	0.58	cps
Iron	57-2	2079040	2075284	2104307	2086210	0.76	cps
Krypton	83-1	593	757	657	669	12.31	cps
Lead	206-1	1667316	1614116	1610444	1630625	1.95	cps
Lead	207-1	1460819	1474455	1455370	1463548	0.67	cps
Lead	208-1	6725343	6703128	6702294	6710255	0.19	cps
Lithium	6-1	241875	245912	245397	244395	0.90	cps
Magnesium	24-2	8021241	7940755	7796547	7919514	1.44	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 16:24:42	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	289060	284190	288404	287218	0.92	cps
Molybdenum	94-1	5575071	5552652	5651853	5593192	0.93	cps
Molybdenum	95-1	6802535	6865725	6794961	6821074	0.57	cps
Molybdenum	96-1	7642085	7606847	7603689	7617540	0.28	cps
Molybdenum	97-1	4267341	4338074	4293840	4299751	0.83	cps
Molybdenum	98-1	10842439	11012703	10774769	10876637	1.13	cps
Neodymium	150-1	147	120	180	149	20.19	cps
Neodymium	150-2	10	10	10	10	0.00	cps
Nickel	60-2	268594	266399	266443	267146	0.47	cps
Phosphorus	31-2	5626	6077	5743	5815	4.02	cps
Potassium	39-2	2555253	2506627	2494819	2518900	1.27	cps
Rhodium	103-1	5018445	5140113	4995586	5051381	1.54	cps
Rhodium	103-2	1871169	1874967	1921618	1889251	1.49	cps
Scandium	45-1	3148859	3264304	3192237	3201800	1.82	cps
Scandium	45-2	43414	42825	43865	43368	1.20	cps
Selenium	77-2	470	493	557	507	8.85	cps
Selenium	78-2	1548	1617	1652	1606	3.28	cps
Selenium	82-1	45805	46442	46465	46238	0.81	cps
Silicon	28-1	1366051	1393049	1432485	1397195	2.39	cps
Silver	109-1	3262378	3259218	3231534	3251043	0.52	cps
Silver	107-1	3421069	3374628	3433674	3409790	0.91	cps
Sodium	23-2	18120171	17822891	17569948	17837670	1.54	cps
Strontium	86-1	844547	843665	858008	848740	0.95	cps
Strontium	88-1	7379658	7275999	7452250	7369302	1.20	cps
Sulfur	34-1	482994	489982	492473	488483	1.01	cps
Terbium	159-1	6532477	6579172	6452261	6521303	0.98	cps
Terbium	159-2	1988908	2000374	2066834	2018705	2.08	cps
Thallium	203-1	2094588	2113831	2076564	2094994	0.89	cps
Thallium	205-1	4941949	4962290	4956848	4953696	0.21	cps
Tin	118-1	2226431	2224655	2176526	2209204	1.28	cps
Titanium	47-1	1744503	1755890	1747276	1749223	0.34	cps
Uranium	238-1	6251560	6248017	6310929	6270169	0.56	cps
Vanadium	51-2	332320	326933	332560	330604	0.96	cps
Yttrium	89-1	5785233	5742813	5766651	5764899	0.37	cps
Yttrium	89-2	294555	292127	298385	295022	1.07	cps
Zinc	66-2	168119	166991	166233	167114	0.57	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 16:24:42	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4721348	4627328	4735390	4694688	1.25	cps
Zirconium	91-1	1009437	1002469	1020513	1010806	0.90	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : CCB08 Instrumnet Name : P8
 Client Sample ID : CCB08 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-26 16:31:03 DataFile Name : 054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40	50	43	44	11.78	cps
Antimony	121-1	642	742	883	756	16.07	cps
Arsenic	75-2	4	6	6	5	21.74	cps
Barium	135-1	8	108	25	47	113.46	cps
Barium	137-1	8	233	67	103	113.64	cps
Beryllium	9-1	13	33	23	23	42.86	cps
Bismuth	209-1	3613463	3607121	3636174	3618919	0.42	cps
Bismuth	209-2	1327223	1378783	1374045	1360017	2.10	cps
Boron	10-1	233	208	217	219	5.80	cps
Boron	11-1	1008	1117	1108	1078	5.59	cps
Cadmium	111-1	896	944	988	943	4.84	cps
Cadmium	106-1	1275	1333	1375	1328	3.78	cps
Cadmium	108-1	13	8	0	7	91.66	cps
Calcium	43-1	280	317	287	294	6.63	cps
Calcium	44-1	47072	46808	46681	46854	0.43	cps
Chromium	52-2	1743	1810	1907	1820	4.51	cps
Cobalt	59-2	60	57	60	59	3.26	cps
Copper	63-2	237	320	253	270	16.33	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	8	25	17	17	50.01	cps
Erbium	164-2	20	0	7	9	114.55	cps
Gadolinium	160-1	33	17	42	31	41.65	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	5917479	5845628	5941008	5901372	0.84	cps
Holmium	165-2	1838372	1953044	1915364	1902260	3.07	cps
Indium	115-1	5145854	5115646	5183358	5148286	0.66	cps
Indium	115-2	347656	359254	360358	355756	1.98	cps
Iron	56-2	3606	3484	3389	3493	3.11	cps
Iron	57-2	139	106	94	113	20.47	cps
Krypton	83-1	733	663	723	707	5.36	cps
Lead	206-1	1189	1183	983	1119	10.47	cps
Lead	207-1	889	922	883	898	2.34	cps
Lead	208-1	4534	4612	4045	4397	6.99	cps
Lithium	6-1	236186	230809	234110	233702	1.16	cps
Magnesium	24-2	225	192	258	225	14.81	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 16:31:03	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	100	60	93	84	25.38	cps
Molybdenum	94-1	450	325	250	342	29.57	cps
Molybdenum	95-1	258	208	125	197	34.15	cps
Molybdenum	96-1	225	250	317	264	17.96	cps
Molybdenum	97-1	325	392	292	336	15.15	cps
Molybdenum	98-1	367	267	267	300	19.24	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	110	87	93	97	12.43	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	5176	5026	5710	5304	6.77	cps
Rhodium	103-1	5115357	5126669	5154807	5132278	0.40	cps
Rhodium	103-2	1867872	1952986	1920866	1913908	2.25	cps
Scandium	45-1	2981921	2964886	2942529	2963112	0.67	cps
Scandium	45-2	39643	40121	40408	40057	0.97	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	9	0	6	5	94.35	cps
Selenium	82-1	-207	-107	-195	-170	-32.41	cps
Silicon	28-1	175429	213215	170835	186493	12.47	cps
Silver	109-1	175	200	167	181	9.61	cps
Silver	107-1	167	133	117	139	18.33	cps
Sodium	23-2	23504	22043	23195	22914	3.36	cps
Strontium	86-1	917	767	808	831	9.32	cps
Strontium	88-1	58	125	67	83	43.59	cps
Sulfur	34-1	285976	286029	286058	286021	0.01	cps
Terbium	159-1	6188653	6125021	6122536	6145403	0.61	cps
Terbium	159-2	1866479	1921905	1926350	1904911	1.75	cps
Thallium	203-1	183	233	133	183	27.27	cps
Thallium	205-1	367	425	317	369	14.68	cps
Tin	118-1	500	600	700	600	16.67	cps
Titanium	47-1	92	108	67	89	23.59	cps
Uranium	238-1	33	75	25	44	60.28	cps
Vanadium	51-2	17	13	17	16	12.40	cps
Yttrium	89-1	5523282	5475077	5396810	5465057	1.17	cps
Yttrium	89-2	270857	283884	279200	277980	2.37	cps
Zinc	66-2	123	177	153	151	17.69	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 16:31:03	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	450	617	525	531	15.73	cps
Zirconium	91-1	83	158	75	106	43.48	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-07DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-1218-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:34:28	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	131722	133313	132550	132528	0.60	cps
Antimony	121-1	550	533	500	528	4.82	cps
Arsenic	75-2	1269	1059	1254	1194	9.78	cps
Barium	135-1	319301	319081	322532	320305	0.60	cps
Barium	137-1	555004	561300	564111	560138	0.83	cps
Beryllium	9-1	740	700	683	708	4.11	cps
Bismuth	209-1	3623477	3727423	3701171	3684024	1.47	cps
Bismuth	209-2	1340500	1386718	1388820	1372012	1.99	cps
Boron	10-1	700	792	725	739	6.41	cps
Boron	11-1	3701	4284	3617	3867	9.40	cps
Cadmium	111-1	1223	1418	1320	1320	7.40	cps
Cadmium	106-1	1383	1734	1609	1575	11.26	cps
Cadmium	108-1	83	113	92	96	15.67	cps
Calcium	43-1	277246	278399	276612	277419	0.33	cps
Calcium	44-1	4602804	4602674	4557335	4587605	0.57	cps
Chromium	52-2	22251	22381	22178	22270	0.46	cps
Cobalt	59-2	27765	29167	28646	28526	2.49	cps
Copper	63-2	57201	57130	57425	57252	0.27	cps
Dysprosium	156-1	34346	35783	35742	35290	2.32	cps
Dysprosium	156-2	11639	11792	11455	11629	1.45	cps
Erbium	164-1	30186	30019	30403	30203	0.64	cps
Erbium	164-2	9183	9310	9287	9260	0.73	cps
Gadolinium	160-1	35349	33937	33995	34427	2.32	cps
Gadolinium	160-2	13761	13778	13998	13845	0.96	cps
Holmium	165-1	6001356	5980781	6051077	6011071	0.60	cps
Holmium	165-2	1866403	1986086	1985553	1946014	3.54	cps
Indium	115-1	5157106	5262262	5234838	5218069	1.05	cps
Indium	115-2	347572	362376	364854	358267	2.61	cps
Iron	56-2	26117751	26073147	26237745	26142881	0.33	cps
Iron	57-2	643923	648084	652865	648291	0.69	cps
Krypton	83-1	857	683	717	752	12.23	cps
Lead	206-1	144468	145647	145170	145095	0.41	cps
Lead	207-1	117259	119065	116257	117527	1.21	cps
Lead	208-1	551954	557649	556234	555279	0.53	cps
Lithium	6-1	236061	240605	241991	239552	1.29	cps
Magnesium	24-2	361172	359798	358530	359834	0.37	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-07DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-1218-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:34:28	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	325420	331734	333980	330378	1.34	cps
Molybdenum	94-1	40110	41033	39325	40156	2.13	cps
Molybdenum	95-1	2242	2150	2109	2167	3.15	cps
Molybdenum	96-1	8595	9103	9329	9009	4.17	cps
Molybdenum	97-1	1533	1625	1550	1570	3.11	cps
Molybdenum	98-1	3534	3701	3376	3537	4.60	cps
Neodymium	150-1	52204	52606	51876	52229	0.70	cps
Neodymium	150-2	10848	10818	10888	10851	0.32	cps
Nickel	60-2	18900	18793	19060	18918	0.71	cps
Phosphorus	31-2	600	525	525	550	7.87	cps
Potassium	39-2	57593	57385	57444	57474	0.19	cps
Rhodium	103-1	5054082	5137118	5077114	5089438	0.84	cps
Rhodium	103-2	1838217	1930036	1962090	1910114	3.37	cps
Scandium	45-1	3021787	3023500	3071067	3038785	0.92	cps
Scandium	45-2	40499	41879	43344	41907	3.40	cps
Selenium	77-2	83	67	27	59	49.45	cps
Selenium	78-2	20	52	39	37	42.72	cps
Selenium	82-1	-252	-51	-49	-117	-99.34	cps
Silicon	28-1	5138309	5236579	5201610	5192166	0.96	cps
Silver	109-1	683	617	592	631	7.52	cps
Silver	107-1	700	675	750	708	5.39	cps
Sodium	23-2	30266	30517	30216	30333	0.53	cps
Strontium	86-1	121664	123683	122741	122696	0.82	cps
Strontium	88-1	1064554	1065652	1069361	1066522	0.24	cps
Sulfur	34-1	276770	270003	267769	271514	1.73	cps
Terbium	159-1	6224130	6368791	6384132	6325684	1.40	cps
Terbium	159-2	1860727	1983636	1965836	1936733	3.43	cps
Thallium	203-1	750	858	725	778	9.11	cps
Thallium	205-1	2184	1959	2100	2081	5.47	cps
Tin	118-1	500	625	617	581	12.04	cps
Titanium	47-1	20225	18671	18997	19298	4.25	cps
Uranium	238-1	42432	44372	43226	43343	2.25	cps
Vanadium	51-2	14361	14768	14544	14558	1.40	cps
Yttrium	89-1	5906220	6046227	5988127	5980191	1.18	cps
Yttrium	89-2	295679	305655	309271	303535	2.32	cps
Zinc	66-2	20001	20776	20722	20500	2.11	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-07DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-1218-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:34:28	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	105750	108480	105601	106610	1.52	cps
Zirconium	91-1	23604	24131	23037	23591	2.32	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-08DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS005-1824-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 16:37:53 DataFile Name : 056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150471	147821	146340	148211	1.41	cps
Antimony	121-1	592	508	458	519	12.97	cps
Arsenic	75-2	1252	1415	1315	1327	6.19	cps
Barium	135-1	284364	282491	289558	285471	1.28	cps
Barium	137-1	496874	488832	498761	494822	1.07	cps
Beryllium	9-1	487	533	473	498	6.33	cps
Bismuth	209-1	3564608	3613403	3617600	3598537	0.82	cps
Bismuth	209-2	1410823	1289878	1355307	1352003	4.48	cps
Boron	10-1	283	292	383	319	17.37	cps
Boron	11-1	1759	1767	1950	1825	5.94	cps
Cadmium	111-1	1402	1592	1443	1479	6.74	cps
Cadmium	106-1	1675	1692	1617	1661	2.37	cps
Cadmium	108-1	154	108	108	124	21.40	cps
Calcium	43-1	273692	273625	275616	274311	0.41	cps
Calcium	44-1	4546838	4611738	4570506	4576361	0.72	cps
Chromium	52-2	28569	28603	28776	28649	0.39	cps
Cobalt	59-2	33066	32829	31556	32484	2.50	cps
Copper	63-2	77998	77964	76644	77535	1.00	cps
Dysprosium	156-1	26119	25676	26628	26141	1.82	cps
Dysprosium	156-2	9053	9183	9173	9137	0.79	cps
Erbium	164-1	23464	23672	23330	23489	0.73	cps
Erbium	164-2	7072	6965	6819	6952	1.83	cps
Gadolinium	160-1	27555	26645	27104	27101	1.68	cps
Gadolinium	160-2	11025	10935	10745	10901	1.31	cps
Holmium	165-1	5754535	5885612	5998691	5879612	2.08	cps
Holmium	165-2	2015338	1864155	1973691	1951061	4.00	cps
Indium	115-1	5073445	5189841	5171222	5144836	1.22	cps
Indium	115-2	372580	346220	357990	358930	3.68	cps
Iron	56-2	33970799	33796123	32937190	33568038	1.65	cps
Iron	57-2	838946	843271	816127	832781	1.75	cps
Krypton	83-1	650	767	810	742	11.15	cps
Lead	206-1	114831	114287	111788	113635	1.43	cps
Lead	207-1	95355	95535	93900	94930	0.94	cps
Lead	208-1	443162	440400	437160	440241	0.68	cps
Lithium	6-1	227604	236468	231316	231796	1.92	cps
Magnesium	24-2	448760	448489	438078	445109	1.37	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-08DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-1824-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:37:53	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	390182	389375	379984	386514	1.47	cps
Molybdenum	94-1	31688	33559	31262	32170	3.80	cps
Molybdenum	95-1	3251	2684	2842	2925	10.00	cps
Molybdenum	96-1	8436	8920	8428	8595	3.28	cps
Molybdenum	97-1	2000	2117	2042	2053	2.88	cps
Molybdenum	98-1	4976	4776	4693	4815	3.03	cps
Neodymium	150-1	33397	33764	32788	33316	1.48	cps
Neodymium	150-2	6665	6892	6528	6695	2.74	cps
Nickel	60-2	24008	23998	23834	23946	0.41	cps
Phosphorus	31-2	550	608	583	581	5.04	cps
Potassium	39-2	38387	39156	37752	38432	1.83	cps
Rhodium	103-1	4915598	5069347	5107127	5030690	2.02	cps
Rhodium	103-2	2003959	1789671	1936406	1910012	5.74	cps
Scandium	45-1	2921112	3070522	3066351	3019329	2.82	cps
Scandium	45-2	42755	39690	41404	41283	3.72	cps
Selenium	77-2	33	30	43	36	19.51	cps
Selenium	78-2	48	46	33	43	18.96	cps
Selenium	82-1	-40	-170	-179	-130	-59.94	cps
Silicon	28-1	5804519	5761027	5744446	5769998	0.54	cps
Silver	109-1	483	433	425	447	7.06	cps
Silver	107-1	650	608	517	592	11.53	cps
Sodium	23-2	28446	27736	27929	28037	1.31	cps
Strontium	86-1	103473	104851	103222	103849	0.84	cps
Strontium	88-1	895290	902082	899452	898941	0.38	cps
Sulfur	34-1	251375	250714	248214	250101	0.67	cps
Terbium	159-1	6052108	6167318	6225769	6148398	1.44	cps
Terbium	159-2	1998916	1848809	1953985	1933903	3.98	cps
Thallium	203-1	483	550	325	453	25.53	cps
Thallium	205-1	1042	900	1042	995	8.22	cps
Tin	118-1	750	575	658	661	13.24	cps
Titanium	47-1	30054	27821	32468	30114	7.72	cps
Uranium	238-1	9629	9596	9054	9426	3.43	cps
Vanadium	51-2	18262	18402	18579	18415	0.86	cps
Yttrium	89-1	5776865	5802210	5800913	5793329	0.25	cps
Yttrium	89-2	312244	282749	301132	298708	4.99	cps
Zinc	66-2	25003	25320	24445	24923	1.78	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-08DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS005-1824-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:37:53	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	84991	86156	86152	85766	0.78	cps
Zirconium	91-1	20640	18204	18864	19236	6.55	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-09DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:41:16	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	207280	206693	207856	207276	0.28	cps
Antimony	121-1	583	608	583	592	2.44	cps
Arsenic	75-2	1620	1700	1680	1667	2.48	cps
Barium	135-1	382821	377592	379466	379959	0.70	cps
Barium	137-1	657933	659688	661412	659678	0.26	cps
Beryllium	9-1	630	667	633	643	3.15	cps
Bismuth	209-1	3538190	3602912	3690978	3610693	2.12	cps
Bismuth	209-2	1350350	1363573	1353094	1355672	0.51	cps
Boron	10-1	242	217	250	236	7.35	cps
Boron	11-1	1408	1442	1225	1358	8.59	cps
Cadmium	111-1	1909	1823	1844	1859	2.42	cps
Cadmium	106-1	1800	1609	1742	1717	5.72	cps
Cadmium	108-1	121	142	96	119	19.21	cps
Calcium	43-1	38185	39509	38777	38824	1.71	cps
Calcium	44-1	664034	676146	675462	671881	1.01	cps
Chromium	52-2	35666	35499	35686	35617	0.29	cps
Cobalt	59-2	47257	46247	46287	46597	1.23	cps
Copper	63-2	102714	102699	101236	102216	0.83	cps
Dysprosium	156-1	38625	39486	39435	39182	1.23	cps
Dysprosium	156-2	13767	13100	14001	13623	3.43	cps
Erbium	164-1	34246	34263	34346	34285	0.16	cps
Erbium	164-2	10014	10381	10358	10251	2.00	cps
Gadolinium	160-1	39569	39478	40180	39742	0.96	cps
Gadolinium	160-2	16791	16661	16311	16587	1.50	cps
Holmium	165-1	5810574	5987143	6053853	5950523	2.11	cps
Holmium	165-2	1895210	1929300	1920549	1915020	0.92	cps
Indium	115-1	5113948	5217468	5228947	5186788	1.22	cps
Indium	115-2	355915	355190	354261	355122	0.23	cps
Iron	56-2	42004615	41501127	40839454	41448399	1.41	cps
Iron	57-2	1039291	1039439	1026989	1035240	0.69	cps
Krypton	83-1	807	687	673	722	10.17	cps
Lead	206-1	920122	923501	931958	925194	0.66	cps
Lead	207-1	761067	761812	771861	764913	0.79	cps
Lead	208-1	3633443	3612116	3703849	3649803	1.32	cps
Lithium	6-1	223896	232391	232441	229576	2.14	cps
Magnesium	24-2	388920	386508	380051	385160	1.19	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-09DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:41:16	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	834372	826696	815095	825388	1.18	cps
Molybdenum	94-1	36366	36960	37295	36874	1.27	cps
Molybdenum	95-1	5568	5660	5768	5665	1.77	cps
Molybdenum	96-1	12248	12164	12389	12267	0.93	cps
Molybdenum	97-1	3576	3817	4051	3815	6.23	cps
Molybdenum	98-1	9320	9329	9379	9342	0.34	cps
Neodymium	150-1	46316	47306	47166	46929	1.14	cps
Neodymium	150-2	10021	9717	9470	9736	2.83	cps
Nickel	60-2	28640	28904	27932	28492	1.76	cps
Phosphorus	31-2	525	617	500	547	11.23	cps
Potassium	39-2	34285	34569	34485	34446	0.42	cps
Rhodium	103-1	5001565	5086077	5184874	5090838	1.80	cps
Rhodium	103-2	1930576	1941843	1915607	1929342	0.68	cps
Scandium	45-1	2953462	3041958	3076564	3023994	2.10	cps
Scandium	45-2	42294	42173	41395	41954	1.16	cps
Selenium	77-2	67	73	83	74	11.27	cps
Selenium	78-2	37	46	63	49	26.93	cps
Selenium	82-1	-130	-39	-24	-64	-89.65	cps
Silicon	28-1	6233604	6262408	6364379	6286797	1.09	cps
Silver	109-1	383	550	458	464	18.00	cps
Silver	107-1	658	550	525	578	12.27	cps
Sodium	23-2	25390	25683	25841	25638	0.89	cps
Strontium	86-1	27863	28614	28781	28419	1.72	cps
Strontium	88-1	235961	237834	240275	238024	0.91	cps
Sulfur	34-1	222331	219371	218506	220070	0.91	cps
Terbium	159-1	6107778	6262709	6355924	6242137	2.01	cps
Terbium	159-2	1945130	1978929	1913088	1945716	1.69	cps
Thallium	203-1	583	475	458	506	13.43	cps
Thallium	205-1	1158	1192	1200	1183	1.86	cps
Tin	118-1	1417	1550	1483	1483	4.49	cps
Titanium	47-1	35889	35889	35488	35755	0.65	cps
Uranium	238-1	11106	12315	11055	11492	6.21	cps
Vanadium	51-2	23477	23383	22872	23244	1.40	cps
Yttrium	89-1	5843582	5982721	6006151	5944151	1.48	cps
Yttrium	89-2	308014	309105	307938	308352	0.21	cps
Zinc	66-2	48682	48545	48103	48443	0.62	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-09DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:41:16	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	93579	94184	92254	93339	1.06	cps
Zirconium	91-1	20725	20650	21351	20909	1.84	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-10DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:44:39	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	235852	232489	231233	233191	1.02	cps
Antimony	121-1	400	358	383	381	5.51	cps
Arsenic	75-2	1989	1848	1978	1938	4.04	cps
Barium	135-1	358031	368297	367042	364457	1.54	cps
Barium	137-1	633239	643480	636786	637835	0.82	cps
Beryllium	9-1	850	823	920	864	5.78	cps
Bismuth	209-1	3535936	3590681	3558921	3561846	0.77	cps
Bismuth	209-2	1333900	1343698	1327098	1334899	0.63	cps
Boron	10-1	258	242	250	250	3.33	cps
Boron	11-1	1258	1350	1225	1278	5.07	cps
Cadmium	111-1	1868	1941	2167	1992	7.82	cps
Cadmium	106-1	1909	2000	2217	2042	7.76	cps
Cadmium	108-1	121	163	133	139	15.40	cps
Calcium	43-1	390084	401857	398697	396879	1.54	cps
Calcium	44-1	6448606	6548573	6525982	6507720	0.81	cps
Chromium	52-2	36127	35532	35559	35739	0.94	cps
Cobalt	59-2	49805	50358	49488	49884	0.88	cps
Copper	63-2	92576	93218	91147	92313	1.15	cps
Dysprosium	156-1	181736	186681	182625	183681	1.44	cps
Dysprosium	156-2	69654	70421	69507	69861	0.70	cps
Erbium	164-1	135254	136030	137747	136344	0.94	cps
Erbium	164-2	41292	42122	41406	41607	1.08	cps
Gadolinium	160-1	196948	199727	198955	198544	0.72	cps
Gadolinium	160-2	82998	82787	82197	82661	0.50	cps
Holmium	165-1	5865326	5926673	5834480	5875493	0.80	cps
Holmium	165-2	1900793	1926673	1905189	1910885	0.72	cps
Indium	115-1	5042409	5147048	5091628	5093695	1.03	cps
Indium	115-2	355553	350669	351146	352456	0.76	cps
Iron	56-2	45738220	45496748	45583026	45605998	0.27	cps
Iron	57-2	1145084	1134127	1141100	1140104	0.49	cps
Krypton	83-1	907	903	827	879	5.15	cps
Lead	206-1	665921	667933	672308	668720	0.49	cps
Lead	207-1	545408	550289	555397	550364	0.91	cps
Lead	208-1	2559713	2574313	2596705	2576910	0.72	cps
Lithium	6-1	224463	223997	219800	222753	1.15	cps
Magnesium	24-2	430919	420173	408721	419938	2.64	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-10DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:44:39	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	668211	658565	662944	663240	0.73	cps
Molybdenum	94-1	38222	37720	37737	37893	0.75	cps
Molybdenum	95-1	5793	5526	5101	5474	6.38	cps
Molybdenum	96-1	11372	11831	11906	11703	2.47	cps
Molybdenum	97-1	3642	3467	3509	3540	2.58	cps
Molybdenum	98-1	7928	8720	8094	8247	5.06	cps
Neodymium	150-1	138001	140443	140120	139521	0.95	cps
Neodymium	150-2	29517	29931	29503	29650	0.82	cps
Nickel	60-2	30671	31115	30677	30821	0.83	cps
Phosphorus	31-2	8053	7361	7352	7588	5.30	cps
Potassium	39-2	28196	28095	27979	28090	0.39	cps
Rhodium	103-1	4937639	5002502	4917946	4952696	0.89	cps
Rhodium	103-2	1882067	1894297	1898409	1891591	0.45	cps
Scandium	45-1	2907027	2998842	2936286	2947385	1.59	cps
Scandium	45-2	42284	40863	40819	41322	2.02	cps
Selenium	77-2	237	307	253	266	13.77	cps
Selenium	78-2	161	196	193	183	10.55	cps
Selenium	82-1	1	-45	135	30	310.78	cps
Silicon	28-1	4352526	4370307	4434251	4385695	0.98	cps
Silver	109-1	408	525	408	447	15.06	cps
Silver	107-1	600	533	525	553	7.44	cps
Sodium	23-2	35938	36189	35370	35832	1.17	cps
Strontium	86-1	141775	144679	144492	143649	1.13	cps
Strontium	88-1	1236317	1253267	1238509	1242698	0.74	cps
Sulfur	34-1	218840	219984	220792	219872	0.45	cps
Terbium	159-1	6170628	6288663	6173883	6211058	1.08	cps
Terbium	159-2	1926075	1933275	1919853	1926401	0.35	cps
Thallium	203-1	375	492	367	411	17.00	cps
Thallium	205-1	1092	1033	1092	1072	3.14	cps
Tin	118-1	3777	3609	3251	3545	7.58	cps
Titanium	47-1	31904	31996	31345	31748	1.11	cps
Uranium	238-1	15502	14476	14834	14937	3.49	cps
Vanadium	51-2	24295	23804	23754	23951	1.25	cps
Yttrium	89-1	7653570	7790884	7608048	7684168	1.24	cps
Yttrium	89-2	400408	397714	397876	398666	0.38	cps
Zinc	66-2	51479	51536	52646	51887	1.27	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-10DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:44:39	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	96811	97322	96844	96992	0.30	cps
Zirconium	91-1	21234	21768	21776	21593	1.44	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-11DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1218-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:48:01	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	219027	218652	220460	219380	0.44	cps
Antimony	121-1	567	458	517	514	10.55	cps
Arsenic	75-2	2380	2348	2237	2322	3.23	cps
Barium	135-1	399418	398976	397139	398511	0.30	cps
Barium	137-1	688483	692797	706108	695796	1.32	cps
Beryllium	9-1	593	537	640	590	8.77	cps
Bismuth	209-1	3454845	3559577	3526256	3513559	1.52	cps
Bismuth	209-2	1324776	1323327	1326194	1324766	0.11	cps
Boron	10-1	242	175	233	217	16.77	cps
Boron	11-1	1017	1292	1217	1175	12.10	cps
Cadmium	111-1	1825	1763	1548	1712	8.49	cps
Cadmium	106-1	1659	1684	1492	1611	6.47	cps
Cadmium	108-1	117	129	138	128	8.20	cps
Calcium	43-1	31759	32712	31622	32031	1.85	cps
Calcium	44-1	555963	560614	562588	559722	0.61	cps
Chromium	52-2	36137	35986	36561	36228	0.82	cps
Cobalt	59-2	50789	50518	50712	50673	0.28	cps
Copper	63-2	136648	136489	137163	136767	0.26	cps
Dysprosium	156-1	42303	41851	42621	42258	0.91	cps
Dysprosium	156-2	15086	14942	14782	14937	1.02	cps
Erbium	164-1	36995	38675	39277	38316	3.09	cps
Erbium	164-2	11572	11385	11392	11450	0.93	cps
Gadolinium	160-1	44829	43616	44644	44363	1.47	cps
Gadolinium	160-2	18029	17906	18330	18088	1.21	cps
Holmium	165-1	5794085	5814205	5813850	5807380	0.20	cps
Holmium	165-2	1885989	1888467	1908981	1894479	0.67	cps
Indium	115-1	5023378	5128228	5000861	5050822	1.35	cps
Indium	115-2	352993	354207	349846	352349	0.64	cps
Iron	56-2	44299801	44174279	44241586	44238555	0.14	cps
Iron	57-2	1094493	1097420	1095459	1095791	0.14	cps
Krypton	83-1	717	767	750	744	3.42	cps
Lead	206-1	623907	623382	633357	626882	0.90	cps
Lead	207-1	517288	517276	523665	519410	0.71	cps
Lead	208-1	2404111	2429181	2445372	2426222	0.86	cps
Lithium	6-1	214379	217797	217734	216637	0.90	cps
Magnesium	24-2	388184	391480	392063	390576	0.54	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-11DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS006-1218-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 16:48:01 DataFile Name : 059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	792568	799267	802676	798170	0.64	cps
Molybdenum	94-1	39392	40068	39868	39776	0.87	cps
Molybdenum	95-1	6243	6844	6660	6582	4.67	cps
Molybdenum	96-1	12757	13799	12640	13065	4.89	cps
Molybdenum	97-1	4234	4634	4209	4359	5.47	cps
Molybdenum	98-1	10321	10313	10696	10443	2.10	cps
Neodymium	150-1	45700	46262	47152	46371	1.58	cps
Neodymium	150-2	9557	9754	9931	9747	1.92	cps
Nickel	60-2	29217	28359	28607	28728	1.54	cps
Phosphorus	31-2	642	683	608	644	5.83	cps
Potassium	39-2	34418	35371	35228	35006	1.47	cps
Rhodium	103-1	4969968	4977811	4944103	4963960	0.36	cps
Rhodium	103-2	1875198	1887904	1879465	1880855	0.34	cps
Scandium	45-1	2828489	2882282	2848343	2853038	0.95	cps
Scandium	45-2	40508	39790	40478	40259	1.01	cps
Selenium	77-2	63	87	70	73	16.39	cps
Selenium	78-2	54	48	52	51	5.52	cps
Selenium	82-1	-73	-148	-67	-96	-46.74	cps
Silicon	28-1	6373187	6212287	6307478	6297651	1.28	cps
Silver	109-1	383	450	542	458	17.34	cps
Silver	107-1	500	500	492	497	0.97	cps
Sodium	23-2	25482	25841	25824	25716	0.79	cps
Strontium	86-1	27078	28205	27178	27487	2.27	cps
Strontium	88-1	227859	231970	229333	229721	0.91	cps
Sulfur	34-1	194875	194902	192452	194076	0.72	cps
Terbium	159-1	6117301	6087146	6094053	6099500	0.26	cps
Terbium	159-2	1893078	1861702	1894759	1883180	0.99	cps
Thallium	203-1	433	525	608	522	16.76	cps
Thallium	205-1	1242	1267	1417	1308	7.23	cps
Tin	118-1	1142	1050	858	1017	14.22	cps
Titanium	47-1	35713	34477	35956	35382	2.24	cps
Uranium	238-1	10288	10980	9921	10397	5.17	cps
Vanadium	51-2	23236	23066	22826	23043	0.90	cps
Yttrium	89-1	5836391	6001842	5919585	5919273	1.40	cps
Yttrium	89-2	304155	305980	303790	304642	0.39	cps
Zinc	66-2	52258	53179	52706	52714	0.87	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-11DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1218-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:48:01	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	98984	98002	98706	98564	0.51	cps
Zirconium	91-1	21435	21835	21418	21562	1.09	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:51:25	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	221468	224286	221249	222334	0.76	cps
Antimony	121-1	433	458	383	425	8.98	cps
Arsenic	75-2	2402	2413	2348	2388	1.45	cps
Barium	135-1	396714	396802	399102	397539	0.34	cps
Barium	137-1	692194	690547	693658	692133	0.22	cps
Beryllium	9-1	633	533	643	603	10.08	cps
Bismuth	209-1	3455143	3542648	3514132	3503974	1.27	cps
Bismuth	209-2	1305775	1312665	1296378	1304939	0.63	cps
Boron	10-1	192	200	175	189	6.74	cps
Boron	11-1	1358	1083	1175	1206	11.62	cps
Cadmium	111-1	1651	1700	1755	1702	3.05	cps
Cadmium	106-1	1634	1792	1750	1725	4.76	cps
Cadmium	108-1	108	138	71	106	31.66	cps
Calcium	43-1	29461	30036	29605	29701	1.01	cps
Calcium	44-1	510552	524259	514926	516579	1.36	cps
Chromium	52-2	36484	36494	35943	36307	0.87	cps
Cobalt	59-2	50150	50418	49983	50183	0.44	cps
Copper	63-2	120843	121298	120830	120990	0.22	cps
Dysprosium	156-1	42170	40899	42863	41977	2.37	cps
Dysprosium	156-2	14992	15176	15016	15061	0.66	cps
Erbium	164-1	38207	38633	37948	38263	0.90	cps
Erbium	164-2	11475	11969	11088	11511	3.84	cps
Gadolinium	160-1	45121	45598	44886	45202	0.80	cps
Gadolinium	160-2	18280	18149	18346	18259	0.55	cps
Holmium	165-1	5713596	5813295	5818402	5781764	1.02	cps
Holmium	165-2	1856787	1894588	1821490	1857622	1.97	cps
Indium	115-1	4972901	5023310	5058999	5018403	0.86	cps
Indium	115-2	341102	345936	339518	342185	0.98	cps
Iron	56-2	45930687	46363445	47283826	46525986	1.49	cps
Iron	57-2	1152307	1156223	1164015	1157515	0.51	cps
Krypton	83-1	740	740	707	729	2.64	cps
Lead	206-1	554596	550223	548448	551089	0.57	cps
Lead	207-1	455979	460420	455269	457223	0.61	cps
Lead	208-1	2139421	2144743	2124919	2136361	0.48	cps
Lithium	6-1	211532	219683	217867	216361	1.98	cps
Magnesium	24-2	424099	425238	425988	425108	0.22	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:51:25	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	733060	735536	738863	735819	0.40	cps
Molybdenum	94-1	36350	36893	35957	36400	1.29	cps
Molybdenum	95-1	5210	5001	5351	5187	3.40	cps
Molybdenum	96-1	11622	11422	11889	11644	2.01	cps
Molybdenum	97-1	3417	3417	3367	3401	0.85	cps
Molybdenum	98-1	8395	8228	8253	8292	1.08	cps
Neodymium	150-1	47306	47025	47212	47181	0.30	cps
Neodymium	150-2	10237	10064	10444	10249	1.86	cps
Nickel	60-2	29224	29047	28606	28959	1.10	cps
Phosphorus	31-2	625	592	742	653	12.07	cps
Potassium	39-2	33951	34569	33817	34112	1.18	cps
Rhodium	103-1	4884669	4942530	4953475	4926891	0.75	cps
Rhodium	103-2	1861728	1878475	1815688	1851964	1.76	cps
Scandium	45-1	2793909	2924449	2918741	2879033	2.56	cps
Scandium	45-2	38362	40515	38159	39012	3.35	cps
Selenium	77-2	60	83	83	76	17.83	cps
Selenium	78-2	35	46	50	44	17.59	cps
Selenium	82-1	-57	-77	-65	-66	-15.04	cps
Silicon	28-1	5809012	5882007	5625195	5772072	2.29	cps
Silver	109-1	533	342	475	450	21.83	cps
Silver	107-1	525	633	467	542	15.61	cps
Sodium	23-2	25290	26210	25866	25789	1.80	cps
Strontium	86-1	21426	21543	21526	21498	0.29	cps
Strontium	88-1	180751	182168	183201	182040	0.68	cps
Sulfur	34-1	187528	187809	180481	185273	2.24	cps
Terbium	159-1	5924912	6099397	6134776	6053029	1.86	cps
Terbium	159-2	1848484	1876640	1841715	1855613	1.00	cps
Thallium	203-1	508	517	483	503	3.45	cps
Thallium	205-1	1017	1017	1308	1114	15.12	cps
Tin	118-1	767	850	733	783	7.67	cps
Titanium	47-1	32330	32055	31161	31849	1.92	cps
Uranium	238-1	10580	10280	10205	10355	1.92	cps
Vanadium	51-2	23937	23487	23644	23689	0.97	cps
Yttrium	89-1	5738455	5881703	5849118	5823092	1.29	cps
Yttrium	89-2	299931	305647	294880	300153	1.79	cps
Zinc	66-2	42502	42582	42719	42601	0.26	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:51:25	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	98902	93791	91549	94747	3.98	cps
Zirconium	91-1	20241	20984	20241	20488	2.09	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01DU	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:54:49	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	223181	224835	220488	222834	0.98	cps
Antimony	121-1	408	333	342	361	11.38	cps
Arsenic	75-2	2474	2478	2500	2484	0.56	cps
Barium	135-1	395767	401443	392246	396486	1.17	cps
Barium	137-1	699490	695449	687402	694114	0.89	cps
Beryllium	9-1	570	617	670	619	8.09	cps
Bismuth	209-1	3489227	3520593	3637187	3549003	2.20	cps
Bismuth	209-2	1349031	1266127	1311174	1308777	3.17	cps
Boron	10-1	142	167	175	161	10.76	cps
Boron	11-1	950	1250	1017	1072	14.69	cps
Cadmium	111-1	1764	1547	1849	1720	9.07	cps
Cadmium	106-1	1925	1458	1900	1761	14.91	cps
Cadmium	108-1	125	100	133	119	14.53	cps
Calcium	43-1	28800	29284	29458	29180	1.17	cps
Calcium	44-1	511562	510345	514070	511993	0.37	cps
Chromium	52-2	35909	36665	35769	36114	1.33	cps
Cobalt	59-2	48571	50033	50348	49651	1.91	cps
Copper	63-2	121431	122699	122306	122146	0.53	cps
Dysprosium	156-1	41776	42637	41475	41963	1.44	cps
Dysprosium	156-2	15119	15109	14999	15076	0.44	cps
Erbium	164-1	38316	38240	38616	38391	0.52	cps
Erbium	164-2	11619	11735	11485	11613	1.08	cps
Gadolinium	160-1	44795	44904	44979	44892	0.21	cps
Gadolinium	160-2	18106	18150	17759	18005	1.19	cps
Holmium	165-1	5793008	5791854	5863183	5816015	0.70	cps
Holmium	165-2	1932541	1819246	1885683	1879157	3.03	cps
Indium	115-1	4926231	5061888	5102323	5030148	1.83	cps
Indium	115-2	359093	332215	350090	347133	3.94	cps
Iron	56-2	46331739	46169044	46216094	46238959	0.18	cps
Iron	57-2	1151438	1149529	1150721	1150563	0.08	cps
Krypton	83-1	740	847	663	750	12.28	cps
Lead	206-1	552603	548463	548790	549952	0.42	cps
Lead	207-1	458589	457509	458799	458299	0.15	cps
Lead	208-1	2133983	2144514	2145538	2141345	0.30	cps
Lithium	6-1	211916	214962	214827	213902	0.80	cps
Magnesium	24-2	418772	428502	420679	422651	1.22	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01DU	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:54:49	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	745181	735496	736702	739126	0.71	cps
Molybdenum	94-1	35615	35990	35682	35762	0.56	cps
Molybdenum	95-1	5043	4726	5160	4976	4.51	cps
Molybdenum	96-1	11631	11397	11464	11497	1.05	cps
Molybdenum	97-1	3592	3367	3184	3381	6.05	cps
Molybdenum	98-1	7911	7936	7552	7800	2.75	cps
Neodymium	150-1	47814	47594	47988	47799	0.41	cps
Neodymium	150-2	9834	9944	10334	10037	2.62	cps
Nickel	60-2	28686	29127	29318	29044	1.11	cps
Phosphorus	31-2	550	592	675	606	10.51	cps
Potassium	39-2	34143	33408	35696	34416	3.40	cps
Rhodium	103-1	4883107	4958150	5089524	4976927	2.10	cps
Rhodium	103-2	1940868	1800122	1871708	1870900	3.76	cps
Scandium	45-1	2798343	2859442	2867758	2841848	1.33	cps
Scandium	45-2	40569	37597	40311	39492	4.17	cps
Selenium	77-2	57	60	60	59	3.26	cps
Selenium	78-2	52	43	46	47	9.93	cps
Selenium	82-1	-131	-227	-42	-134	-69.12	cps
Silicon	28-1	5861140	5686546	5756062	5767916	1.52	cps
Silver	109-1	425	517	508	483	10.49	cps
Silver	107-1	517	508	433	486	9.44	cps
Sodium	23-2	25874	25132	26016	25674	1.85	cps
Strontium	86-1	20775	22043	21902	21573	3.22	cps
Strontium	88-1	179604	180362	180356	180107	0.24	cps
Sulfur	34-1	182819	184163	181925	182969	0.62	cps
Terbium	159-1	6075368	6118027	6219006	6137467	1.20	cps
Terbium	159-2	1959929	1782422	1870608	1870986	4.74	cps
Thallium	203-1	600	383	533	506	21.95	cps
Thallium	205-1	1325	1242	1175	1247	6.03	cps
Tin	118-1	817	783	850	817	4.08	cps
Titanium	47-1	30075	32239	56486	39600	37.03	cps
Uranium	238-1	10063	10563	10221	10282	2.49	cps
Vanadium	51-2	23223	23300	23964	23495	1.73	cps
Yttrium	89-1	5775937	5877195	5975939	5876357	1.70	cps
Yttrium	89-2	310520	291699	302584	301601	3.13	cps
Zinc	66-2	42933	43294	42555	42928	0.86	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01DU	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 16:54:49	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	92003	92028	92674	92235	0.41	cps
Zirconium	91-1	20533	19890	20942	20455	2.59	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-12LDLX25 Instrumnet Name : P8
 Client Sample ID : P001-SS006-1824-01LDI Dilution Factor : 25
 Date & Time Acquired :: 2018-12-26 16:58:13 DataFile Name : 062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38747	42938	42579	41421	5.61	cps
Antimony	121-1	100	133	100	111	17.32	cps
Arsenic	75-2	454	431	487	457	6.11	cps
Barium	135-1	76773	77419	75549	76580	1.24	cps
Barium	137-1	132022	130968	132752	131914	0.68	cps
Beryllium	9-1	127	90	100	106	17.96	cps
Bismuth	209-1	3486366	3431633	3415503	3444501	1.08	cps
Bismuth	209-2	1195974	1249885	1299904	1248588	4.16	cps
Boron	10-1	50	83	50	61	31.50	cps
Boron	11-1	358	383	375	372	3.42	cps
Cadmium	111-1	1131	1040	970	1047	7.72	cps
Cadmium	106-1	1467	1383	1308	1386	5.71	cps
Cadmium	108-1	29	29	42	33	21.65	cps
Calcium	43-1	5665	5751	5658	5691	0.92	cps
Calcium	44-1	125140	128071	127512	126908	1.23	cps
Chromium	52-2	7939	8446	8586	8324	4.09	cps
Cobalt	59-2	8963	9340	10017	9440	5.66	cps
Copper	63-2	21400	22932	24038	22790	5.81	cps
Dysprosium	156-1	8070	8228	8236	8178	1.15	cps
Dysprosium	156-2	2610	2794	2894	2766	5.20	cps
Erbium	164-1	7628	7578	7694	7633	0.77	cps
Erbium	164-2	2097	2160	2184	2147	2.09	cps
Gadolinium	160-1	9054	8753	8928	8912	1.69	cps
Gadolinium	160-2	3277	3501	3664	3481	5.58	cps
Holmium	165-1	5586282	5609422	5697262	5630989	1.04	cps
Holmium	165-2	1681719	1762497	1839617	1761278	4.48	cps
Indium	115-1	4823237	4899840	4934871	4885983	1.17	cps
Indium	115-2	318678	331942	346198	332273	4.14	cps
Iron	56-2	8365458	8629179	9065864	8686834	4.07	cps
Iron	57-2	205013	214233	223995	214414	4.43	cps
Krypton	83-1	673	663	710	682	3.60	cps
Lead	206-1	107272	105542	105008	105941	1.12	cps
Lead	207-1	89346	87724	87886	88319	1.01	cps
Lead	208-1	416169	408412	412114	412232	0.94	cps
Lithium	6-1	202073	200528	201334	201311	0.38	cps
Magnesium	24-2	75744	78661	81576	78660	3.71	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-12LDLX25 Instrumnet Name : P8
 Client Sample ID : P001-SS006-1824-01LDI Dilution Factor : 25
 Date & Time Acquired :: 2018-12-26 16:58:13 DataFile Name : 062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	133355	137123	143486	137988	3.71	cps
Molybdenum	94-1	7094	6919	6635	6883	3.36	cps
Molybdenum	95-1	1167	958	1183	1103	11.37	cps
Molybdenum	96-1	2167	2167	2034	2122	3.63	cps
Molybdenum	97-1	792	983	917	897	10.85	cps
Molybdenum	98-1	1875	1634	1592	1700	9.00	cps
Neodymium	150-1	8970	8676	9010	8886	2.05	cps
Neodymium	150-2	1690	1817	1997	1835	8.40	cps
Nickel	60-2	5278	5578	5831	5562	4.98	cps
Phosphorus	31-2	100	92	167	119	34.42	cps
Potassium	39-2	10312	10604	10262	10393	1.78	cps
Rhodium	103-1	4928504	4878917	4920607	4909343	0.54	cps
Rhodium	103-2	1725724	1819162	1902753	1815880	4.88	cps
Scandium	45-1	2640222	2665424	2651927	2652525	0.48	cps
Scandium	45-2	36217	36912	38416	37182	3.02	cps
Selenium	77-2	7	10	0	6	91.64	cps
Selenium	78-2	6	4	13	7	66.14	cps
Selenium	82-1	-109	-131	-177	-139	-24.77	cps
Silicon	28-1	1215903	1250394	1255218	1240505	1.73	cps
Silver	109-1	133	108	58	100	38.19	cps
Silver	107-1	200	183	167	183	9.09	cps
Sodium	23-2	23153	22903	22168	22741	2.25	cps
Strontium	86-1	4768	4693	4909	4790	2.30	cps
Strontium	88-1	34754	34637	34269	34553	0.73	cps
Sulfur	34-1	170469	171591	170678	170913	0.35	cps
Terbium	159-1	5922922	5941210	5934051	5932728	0.16	cps
Terbium	159-2	1714739	1791236	1827743	1777906	3.24	cps
Thallium	203-1	150	200	92	147	36.83	cps
Thallium	205-1	367	225	342	311	24.31	cps
Tin	118-1	392	408	525	442	16.45	cps
Titanium	47-1	5726	5468	5526	5574	2.43	cps
Uranium	238-1	1742	2017	2059	1939	8.88	cps
Vanadium	51-2	4307	4367	4531	4402	2.63	cps
Yttrium	89-1	5289309	5366848	5236376	5297511	1.24	cps
Yttrium	89-2	253860	266532	277054	265816	4.37	cps
Zinc	66-2	7829	8423	8209	8154	3.69	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12LDLX25	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01LDI	Dilution Factor :	25
Date & Time Acquired ::	2018-12-26 16:58:13	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	17896	18188	17629	17904	1.56	cps
Zirconium	91-1	3801	3734	3876	3804	1.87	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-13DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS006-1824-01MS Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 17:01:38 DataFile Name : 063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225731	224544	225215	225164	0.26	cps
Antimony	121-1	321057	323680	326201	323646	0.79	cps
Arsenic	75-2	13431	12936	13184	13184	1.88	cps
Barium	135-1	950960	962625	963657	959081	0.74	cps
Barium	137-1	1693880	1727256	1737824	1719653	1.33	cps
Beryllium	9-1	37583	37776	39020	38126	2.05	cps
Bismuth	209-1	3572190	3650385	3628377	3616984	1.11	cps
Bismuth	209-2	1362729	1338556	1335594	1345626	1.11	cps
Boron	10-1	4634	4659	4709	4668	0.82	cps
Boron	11-1	24138	24438	25181	24586	2.18	cps
Cadmium	111-1	134380	136168	139896	136815	2.06	cps
Cadmium	106-1	15660	14800	15601	15354	3.13	cps
Cadmium	108-1	9283	9612	9524	9473	1.80	cps
Calcium	43-1	141582	144284	147282	144383	1.97	cps
Calcium	44-1	2419472	2422910	2439372	2427251	0.44	cps
Chromium	52-2	119959	118715	117334	118670	1.11	cps
Cobalt	59-2	215024	214960	215994	215326	0.27	cps
Copper	63-2	401285	402225	401284	401598	0.14	cps
Dysprosium	156-1	40288	41751	41283	41107	1.82	cps
Dysprosium	156-2	14942	14969	14872	14928	0.33	cps
Erbium	164-1	38015	38541	39335	38631	1.72	cps
Erbium	164-2	11455	11592	11439	11495	0.73	cps
Gadolinium	160-1	42119	44795	44176	43697	3.21	cps
Gadolinium	160-2	17709	17886	17455	17683	1.22	cps
Holmium	165-1	5914082	5943262	6099911	5985751	1.67	cps
Holmium	165-2	1964149	1898273	1919679	1927367	1.74	cps
Indium	115-1	5035669	5148913	5173011	5119198	1.43	cps
Indium	115-2	348120	343739	348501	346787	0.76	cps
Iron	56-2	46863530	46662255	46840152	46788646	0.24	cps
Iron	57-2	1167255	1159537	1166841	1164544	0.37	cps
Krypton	83-1	717	807	847	790	8.43	cps
Lead	206-1	884304	898512	910353	897723	1.45	cps
Lead	207-1	739298	764389	760689	754792	1.79	cps
Lead	208-1	3500474	3619431	3600785	3573563	1.79	cps
Lithium	6-1	212811	220531	221442	218262	2.17	cps
Magnesium	24-2	673952	664361	660618	666310	1.03	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-13DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS006-1824-01MS Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 17:01:38 DataFile Name : 063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	812298	810985	817106	813463	0.40	cps
Molybdenum	94-1	977120	1008356	1021688	1002388	2.28	cps
Molybdenum	95-1	1180634	1198724	1214944	1198101	1.43	cps
Molybdenum	96-1	1336167	1346616	1355333	1346039	0.71	cps
Molybdenum	97-1	749678	746610	758422	751570	0.82	cps
Molybdenum	98-1	1991849	1959325	1999557	1983577	1.08	cps
Neodymium	150-1	43767	44121	46149	44679	2.88	cps
Neodymium	150-2	9070	9317	9650	9346	3.12	cps
Nickel	60-2	78004	77793	78275	78024	0.31	cps
Phosphorus	31-2	525	550	483	519	6.48	cps
Potassium	39-2	117581	114833	116723	116379	1.21	cps
Rhodium	103-1	4961479	4959206	4982087	4967591	0.25	cps
Rhodium	103-2	1855154	1873444	1883583	1870727	0.77	cps
Scandium	45-1	2894514	2966001	2917687	2926068	1.25	cps
Scandium	45-2	40074	40562	40301	40312	0.61	cps
Selenium	77-2	167	160	147	158	6.45	cps
Selenium	78-2	350	335	352	346	2.64	cps
Selenium	82-1	8131	8241	8103	8158	0.89	cps
Silicon	28-1	4163330	4363849	4446010	4324397	3.36	cps
Silver	109-1	558370	566278	568990	564546	0.98	cps
Silver	107-1	585435	586904	595091	589143	0.88	cps
Sodium	23-2	644836	640411	631293	638847	1.08	cps
Strontium	86-1	177425	177052	179747	178075	0.82	cps
Strontium	88-1	1549481	1592482	1598912	1580292	1.70	cps
Sulfur	34-1	189504	197208	199845	195519	2.75	cps
Terbium	159-1	6101091	6214914	6241627	6185878	1.21	cps
Terbium	159-2	1933991	1911345	1903978	1916438	0.82	cps
Thallium	203-1	367956	372003	375824	371928	1.06	cps
Thallium	205-1	874193	889788	896348	886776	1.28	cps
Tin	118-1	319362	321238	328098	322899	1.42	cps
Titanium	47-1	285031	292737	293039	290269	1.56	cps
Uranium	238-1	1123462	1171316	1172989	1155923	2.43	cps
Vanadium	51-2	83625	81700	82558	82628	1.17	cps
Yttrium	89-1	5884616	6014978	6024413	5974669	1.31	cps
Yttrium	89-2	305760	301036	302348	303048	0.80	cps
Zinc	66-2	76436	75049	76406	75963	1.04	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-13DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01MS	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:01:38	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	880478	882676	899826	887660	1.19	cps
Zirconium	91-1	191878	195616	196424	194640	1.25	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-14DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS006-1824-01MS Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 17:04:59 DataFile Name : 064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	243016	245062	242479	243519	0.56	cps
Antimony	121-1	259603	256416	256166	257395	0.74	cps
Arsenic	75-2	13090	12856	13256	13067	1.54	cps
Barium	135-1	1015859	1019739	1026867	1020822	0.55	cps
Barium	137-1	1811286	1800181	1811585	1807684	0.36	cps
Beryllium	9-1	38926	39454	39133	39171	0.68	cps
Bismuth	209-1	3219583	3630225	3782763	3544190	8.22	cps
Bismuth	209-2	1361143	1362964	1344227	1356111	0.76	cps
Boron	10-1	4826	4768	4601	4732	2.47	cps
Boron	11-1	24297	25732	25298	25109	2.93	cps
Cadmium	111-1	139486	138383	139381	139083	0.44	cps
Cadmium	106-1	15176	15752	15735	15554	2.11	cps
Cadmium	108-1	9470	10117	9762	9783	3.31	cps
Calcium	43-1	143662	145086	146467	145072	0.97	cps
Calcium	44-1	2445805	2489633	2415053	2450164	1.53	cps
Chromium	52-2	121284	119593	122269	121048	1.12	cps
Cobalt	59-2	220996	222825	220106	221309	0.63	cps
Copper	63-2	402983	404466	404043	403830	0.19	cps
Dysprosium	156-1	43725	44352	43348	43808	1.16	cps
Dysprosium	156-2	15813	15623	15503	15646	1.00	cps
Erbium	164-1	40146	39377	39411	39645	1.10	cps
Erbium	164-2	12139	11886	12069	12031	1.09	cps
Gadolinium	160-1	45974	46693	46509	46392	0.81	cps
Gadolinium	160-2	18447	18750	18764	18654	0.96	cps
Holmium	165-1	5252087	5947037	6260013	5819712	8.86	cps
Holmium	165-2	1960670	1962601	1928842	1950705	0.97	cps
Indium	115-1	4501273	5118242	5356671	4992062	8.84	cps
Indium	115-2	349705	356647	352157	352836	1.00	cps
Iron	56-2	50481287	50978979	49697596	50385954	1.28	cps
Iron	57-2	1251754	1264191	1242040	1252661	0.89	cps
Krypton	83-1	817	773	710	767	7.00	cps
Lead	206-1	928870	935149	939575	934531	0.58	cps
Lead	207-1	787916	779215	789736	785623	0.72	cps
Lead	208-1	3756999	3674388	3734195	3721861	1.15	cps
Lithium	6-1	200933	219142	225001	215026	5.84	cps
Magnesium	24-2	701110	703007	694967	699695	0.60	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-14DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS006-1824-01MS Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 17:04:59 DataFile Name : 064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	998339	1007551	996457	1000782	0.59	cps
Molybdenum	94-1	971539	988133	986317	981997	0.93	cps
Molybdenum	95-1	1197376	1194717	1198669	1196921	0.17	cps
Molybdenum	96-1	1371766	1342755	1343525	1352682	1.22	cps
Molybdenum	97-1	766310	757957	757624	760630	0.65	cps
Molybdenum	98-1	1984844	1958979	2013682	1985835	1.38	cps
Neodymium	150-1	47052	46202	46155	46470	1.09	cps
Neodymium	150-2	9574	9637	10134	9782	3.14	cps
Nickel	60-2	80823	81011	80746	80860	0.17	cps
Phosphorus	31-2	600	658	608	622	5.07	cps
Potassium	39-2	114724	116338	114816	115292	0.79	cps
Rhodium	103-1	4395909	4943876	5213896	4851227	8.59	cps
Rhodium	103-2	1899645	1921841	1909275	1910253	0.58	cps
Scandium	45-1	2601006	2906614	3017985	2841868	7.60	cps
Scandium	45-2	40499	40763	40759	40673	0.37	cps
Selenium	77-2	220	133	160	171	25.94	cps
Selenium	78-2	372	376	328	359	7.47	cps
Selenium	82-1	8096	8092	8331	8173	1.67	cps
Silicon	28-1	6365714	6595316	6542616	6501216	1.85	cps
Silver	109-1	561778	561222	575708	566236	1.45	cps
Silver	107-1	596732	599193	596573	597499	0.25	cps
Sodium	23-2	640902	648310	638295	642502	0.81	cps
Strontium	86-1	175920	181899	179525	179115	1.68	cps
Strontium	88-1	1598805	1584449	1609412	1597555	0.78	cps
Sulfur	34-1	196262	200338	200825	199142	1.26	cps
Terbium	159-1	5528620	6291578	6527748	6115982	8.54	cps
Terbium	159-2	1933340	1934369	1934274	1933994	0.03	cps
Thallium	203-1	366229	369281	373421	369643	0.98	cps
Thallium	205-1	871973	882928	901374	885425	1.68	cps
Tin	118-1	279102	279576	278609	279096	0.17	cps
Titanium	47-1	275542	273388	272161	273697	0.63	cps
Uranium	238-1	1192515	1168282	1180436	1180411	1.03	cps
Vanadium	51-2	83165	84714	84896	84258	1.13	cps
Yttrium	89-1	5322363	5959931	6274585	5852293	8.29	cps
Yttrium	89-2	305649	311051	309456	308719	0.90	cps
Zinc	66-2	81693	79624	79953	80423	1.38	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-14DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01MS	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:04:59	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	823743	831047	821620	825470	0.60	cps
Zirconium	91-1	181846	185720	181935	183167	1.21	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 17:08:20	DataFile Name :	065CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	368007	372975	373197	371393	0.79	cps
Antimony	121-1	3048311	3035825	3044298	3042811	0.21	cps
Arsenic	75-2	58968	58481	58921	58790	0.46	cps
Barium	135-1	2970682	2989087	3005163	2988311	0.58	cps
Barium	137-1	5174129	5140955	5159735	5158273	0.32	cps
Beryllium	9-1	194250	197374	197794	196473	0.99	cps
Bismuth	209-1	3656524	3626935	3631274	3638244	0.44	cps
Bismuth	209-2	1355717	1378169	1366465	1366783	0.82	cps
Boron	10-1	25023	25808	27026	25952	3.89	cps
Boron	11-1	131552	138635	138878	136355	3.05	cps
Cadmium	111-1	673941	669556	668413	670637	0.44	cps
Cadmium	106-1	70762	71482	69781	70675	1.21	cps
Cadmium	108-1	47379	47885	47158	47474	0.79	cps
Calcium	43-1	3118473	3175759	3165645	3153292	0.97	cps
Calcium	44-1	50070773	50381484	51032443	50494900	0.97	cps
Chromium	52-2	433239	441846	440459	438515	1.05	cps
Cobalt	59-2	854335	863345	867585	861755	0.79	cps
Copper	63-2	1425335	1449188	1446836	1440453	0.91	cps
Dysprosium	156-1	83	67	42	64	32.83	cps
Dysprosium	156-2	3	13	13	10	57.75	cps
Erbium	164-1	58	42	33	44	28.65	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	33	58	92	61	47.88	cps
Gadolinium	160-2	13	10	17	13	25.01	cps
Holmium	165-1	6129047	6132744	6092349	6118047	0.37	cps
Holmium	165-2	1984592	2051497	2066944	2034344	2.15	cps
Indium	115-1	5282758	5160216	5243408	5228794	1.20	cps
Indium	115-2	362232	363470	364197	363299	0.27	cps
Iron	56-2	78185041	77729252	77050816	77655036	0.73	cps
Iron	57-2	1995066	2016585	1987138	1999597	0.76	cps
Krypton	83-1	620	663	713	666	7.02	cps
Lead	206-1	1531606	1535051	1519226	1528628	0.54	cps
Lead	207-1	1381297	1387962	1368488	1379249	0.72	cps
Lead	208-1	6328940	6300225	6301990	6310385	0.26	cps
Lithium	6-1	228491	229021	231830	229781	0.78	cps
Magnesium	24-2	7517799	7670864	7542316	7576993	1.09	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 17:08:20	DataFile Name :	065CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	274686	274794	273904	274461	0.18	cps
Molybdenum	94-1	5393869	5371198	5379767	5381611	0.21	cps
Molybdenum	95-1	6439121	6581810	6532465	6517799	1.11	cps
Molybdenum	96-1	7327453	7433013	7248926	7336464	1.26	cps
Molybdenum	97-1	4168064	4131162	4118089	4139105	0.63	cps
Molybdenum	98-1	10418624	10419303	10351897	10396608	0.37	cps
Neodymium	150-1	120	180	140	147	20.83	cps
Neodymium	150-2	17	17	10	14	26.66	cps
Nickel	60-2	254731	254814	258393	255980	0.82	cps
Phosphorus	31-2	5251	5801	6018	5690	6.95	cps
Potassium	39-2	2374258	2385408	2436007	2398558	1.37	cps
Rhodium	103-1	5085861	4953777	5037470	5025703	1.33	cps
Rhodium	103-2	1899571	1904368	1923327	1909089	0.66	cps
Scandium	45-1	3060732	3106376	3074527	3080545	0.76	cps
Scandium	45-2	42785	43290	43795	43290	1.17	cps
Selenium	77-2	550	427	533	503	13.30	cps
Selenium	78-2	1567	1522	1593	1561	2.28	cps
Selenium	82-1	43594	43465	43839	43632	0.43	cps
Silicon	28-1	1271646	1320031	1324098	1305258	2.24	cps
Silver	109-1	3081405	3058438	3054192	3064678	0.48	cps
Silver	107-1	3271122	3301786	3210740	3261216	1.42	cps
Sodium	23-2	16549499	16759374	16685171	16664681	0.64	cps
Strontium	86-1	801084	797763	807142	801996	0.59	cps
Strontium	88-1	7029505	6896637	6987081	6971074	0.97	cps
Sulfur	34-1	460133	464851	465422	463469	0.63	cps
Terbium	159-1	6409481	6354461	6435380	6399774	0.65	cps
Terbium	159-2	2018345	2023532	2040544	2027474	0.57	cps
Thallium	203-1	2003283	1975164	1977858	1985435	0.78	cps
Thallium	205-1	4644621	4677353	4645681	4655885	0.40	cps
Tin	118-1	2112015	2087240	2084328	2094528	0.73	cps
Titanium	47-1	1583535	1637518	1597171	1606075	1.75	cps
Uranium	238-1	6007282	5932660	5973480	5971141	0.63	cps
Vanadium	51-2	313445	316015	316828	315429	0.56	cps
Yttrium	89-1	5673244	5614047	5652747	5646679	0.53	cps
Yttrium	89-2	294151	294389	296221	294921	0.38	cps
Zinc	66-2	159199	162351	162074	161208	1.08	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 17:08:20	DataFile Name :	065CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4410747	4512686	4424471	4449301	1.24	cps
Zirconium	91-1	965987	961849	957669	961835	0.43	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : CCB09 Instrumnet Name : P8
 Client Sample ID : CCB09 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-26 17:19:21 DataFile Name : 066CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43	70	58	57	24.30	cps
Antimony	121-1	483	617	967	689	36.24	cps
Arsenic	75-2	4	11	0	5	114.60	cps
Barium	135-1	8	0	17	8	100.02	cps
Barium	137-1	42	50	42	44	10.82	cps
Beryllium	9-1	30	20	17	22	31.22	cps
Bismuth	209-1	3521106	3597476	3502842	3540475	1.42	cps
Bismuth	209-2	1251573	1342599	1349574	1314582	4.16	cps
Boron	10-1	142	183	175	167	13.23	cps
Boron	11-1	675	825	633	711	14.18	cps
Cadmium	111-1	848	780	810	813	4.22	cps
Cadmium	106-1	1208	1117	1142	1156	4.10	cps
Cadmium	108-1	8	8	21	12	57.75	cps
Calcium	43-1	253	287	297	279	8.14	cps
Calcium	44-1	44076	44373	43698	44049	0.77	cps
Chromium	52-2	1767	1994	1763	1841	7.16	cps
Cobalt	59-2	50	47	77	58	28.46	cps
Copper	63-2	267	227	270	254	9.48	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	8	17	42	22	78.07	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	50	25	17	31	56.77	cps
Gadolinium	160-2	7	7	13	9	43.25	cps
Holmium	165-1	5642788	5839643	5697273	5726568	1.77	cps
Holmium	165-2	1745055	1866517	1907051	1839541	4.58	cps
Indium	115-1	4964035	5083809	5010251	5019365	1.20	cps
Indium	115-2	332563	354859	357078	348167	3.89	cps
Iron	56-2	3467	3712	3539	3573	3.52	cps
Iron	57-2	94	78	89	87	9.75	cps
Krypton	83-1	723	740	727	730	1.21	cps
Lead	206-1	656	617	706	659	6.76	cps
Lead	207-1	550	567	583	567	2.94	cps
Lead	208-1	2556	2661	2595	2604	2.05	cps
Lithium	6-1	210452	220881	215714	215683	2.42	cps
Magnesium	24-2	258	233	242	244	5.21	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 17:19:21	DataFile Name :	066CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80	37	70	62	36.46	cps
Molybdenum	94-1	342	283	283	303	11.12	cps
Molybdenum	95-1	133	158	158	150	9.62	cps
Molybdenum	96-1	233	267	175	225	20.62	cps
Molybdenum	97-1	333	358	392	361	8.10	cps
Molybdenum	98-1	292	367	250	303	19.53	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	83	87	83	4.00	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	5318	5218	5260	5265	0.95	cps
Rhodium	103-1	4904071	5048997	4946430	4966499	1.50	cps
Rhodium	103-2	1810276	1917337	1945339	1890984	3.77	cps
Scandium	45-1	2760418	2883178	2817302	2820299	2.18	cps
Scandium	45-2	37230	39823	39633	38895	3.72	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-184	-202	-243	-209	-14.41	cps
Silicon	28-1	155696	158680	158400	157592	1.05	cps
Silver	109-1	83	50	75	69	24.98	cps
Silver	107-1	125	117	75	106	25.38	cps
Sodium	23-2	23846	23437	23345	23543	1.13	cps
Strontium	86-1	767	908	808	828	8.80	cps
Strontium	88-1	167	108	75	117	39.77	cps
Sulfur	34-1	272042	272103	270213	271452	0.40	cps
Terbium	159-1	5980493	6156529	5971222	6036082	1.73	cps
Terbium	159-2	1783923	1893998	1922097	1866673	3.91	cps
Thallium	203-1	58	100	42	67	45.07	cps
Thallium	205-1	267	258	92	206	48.03	cps
Tin	118-1	475	500	567	514	9.22	cps
Titanium	47-1	150	133	108	131	16.06	cps
Uranium	238-1	42	58	0	33	90.14	cps
Vanadium	51-2	23	23	10	19	40.75	cps
Yttrium	89-1	5265920	5360455	5152533	5259636	1.98	cps
Yttrium	89-2	259788	274781	280339	271636	3.91	cps
Zinc	66-2	127	123	137	129	5.38	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 17:19:21	DataFile Name :	066CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	492	442	525	486	8.63	cps
Zirconium	91-1	92	108	100	100	8.33	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-12ADLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS006-1824-01ADL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 17:28:42 DataFile Name : 067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	235799	232973	232461	233744	0.77	cps
Antimony	121-1	291242	291010	297975	293409	1.35	cps
Arsenic	75-2	13177	12904	13101	13061	1.08	cps
Barium	135-1	990589	972052	984167	982269	0.96	cps
Barium	137-1	1760221	1778994	1762293	1767170	0.58	cps
Beryllium	9-1	38929	39457	39230	39206	0.68	cps
Bismuth	209-1	3569377	3552293	3520212	3547294	0.70	cps
Bismuth	209-2	1352177	1370039	1336707	1352974	1.23	cps
Boron	10-1	4793	4934	4968	4898	1.90	cps
Boron	11-1	24322	26091	25799	25404	3.73	cps
Cadmium	111-1	136233	137058	137251	136847	0.40	cps
Cadmium	106-1	15493	15151	15643	15429	1.64	cps
Cadmium	108-1	9762	9996	9787	9848	1.30	cps
Calcium	43-1	147256	146346	145091	146231	0.74	cps
Calcium	44-1	2459905	2464706	2437097	2453903	0.60	cps
Chromium	52-2	119660	118020	117757	118479	0.87	cps
Cobalt	59-2	218295	213467	215204	215655	1.13	cps
Copper	63-2	399398	398463	392684	396848	0.92	cps
Dysprosium	156-1	42395	42595	41919	42303	0.82	cps
Dysprosium	156-2	15079	15076	14849	15001	0.88	cps
Erbium	164-1	39603	38617	39235	39152	1.27	cps
Erbium	164-2	11258	11565	11195	11340	1.75	cps
Gadolinium	160-1	44770	45013	45573	45118	0.91	cps
Gadolinium	160-2	18350	17489	17599	17812	2.63	cps
Holmium	165-1	5737091	5931425	5982146	5883554	2.20	cps
Holmium	165-2	1956072	1963326	1926145	1948514	1.01	cps
Indium	115-1	4961206	5097195	5076437	5044946	1.45	cps
Indium	115-2	350589	357973	351574	353379	1.13	cps
Iron	56-2	48743759	47447457	47081752	47757656	1.83	cps
Iron	57-2	1211467	1189013	1174090	1191523	1.58	cps
Krypton	83-1	760	837	773	790	5.18	cps
Lead	206-1	902329	900245	900202	900925	0.13	cps
Lead	207-1	761232	764141	760596	761990	0.25	cps
Lead	208-1	3593253	3589568	3598712	3593844	0.13	cps
Lithium	6-1	225550	223825	225288	224888	0.41	cps
Magnesium	24-2	692138	688119	686656	688971	0.41	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-12ADLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS006-1824-01ADL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 17:28:42 DataFile Name : 067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	913764	899242	908371	907126	0.81	cps
Molybdenum	94-1	1003275	994625	993243	997048	0.55	cps
Molybdenum	95-1	1205231	1201360	1203457	1203349	0.16	cps
Molybdenum	96-1	1355421	1340862	1335992	1344092	0.75	cps
Molybdenum	97-1	754001	753245	755117	754121	0.12	cps
Molybdenum	98-1	2032862	1952596	1948664	1978041	2.40	cps
Neodymium	150-1	46041	45366	44356	45254	1.87	cps
Neodymium	150-2	9787	9504	9530	9607	1.63	cps
Nickel	60-2	79053	77723	78932	78569	0.94	cps
Phosphorus	31-2	617	508	517	547	11.02	cps
Potassium	39-2	117052	116656	115910	116539	0.50	cps
Rhodium	103-1	4929764	5010366	4889259	4943129	1.25	cps
Rhodium	103-2	1883185	1941850	1856729	1893921	2.30	cps
Scandium	45-1	2887805	2900178	2996603	2928196	2.03	cps
Scandium	45-2	40840	41936	41695	41490	1.39	cps
Selenium	77-2	177	200	157	178	12.20	cps
Selenium	78-2	326	315	317	319	1.87	cps
Selenium	82-1	8261	8219	7973	8151	1.91	cps
Silicon	28-1	5466624	5541384	5393486	5467165	1.35	cps
Silver	109-1	560980	559821	564747	561849	0.46	cps
Silver	107-1	599506	594713	588376	594198	0.94	cps
Sodium	23-2	649498	646899	643038	646478	0.50	cps
Strontium	86-1	179308	177094	180607	179003	0.99	cps
Strontium	88-1	1578238	1576249	1591395	1581960	0.52	cps
Sulfur	34-1	247137	240254	234280	240557	2.67	cps
Terbium	159-1	6103609	6169341	6176182	6149711	0.65	cps
Terbium	159-2	1912290	1970183	1885995	1922822	2.24	cps
Thallium	203-1	365263	367245	370473	367660	0.72	cps
Thallium	205-1	872275	885685	876326	878096	0.78	cps
Tin	118-1	298265	299014	302030	299770	0.66	cps
Titanium	47-1	287498	284972	284230	285566	0.60	cps
Uranium	238-1	1161661	1143518	1156220	1153800	0.81	cps
Vanadium	51-2	83511	82123	83182	82939	0.87	cps
Yttrium	89-1	5817639	5913182	5960110	5896977	1.23	cps
Yttrium	89-2	305864	314771	305618	308751	1.69	cps
Zinc	66-2	78152	76272	78323	77582	1.47	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-12ADLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-1824-01ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:28:42	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	849595	847405	869636	855545	1.43	cps
Zirconium	91-1	190330	191490	187984	189934	0.94	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-15DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS007-0006-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 17:32:03 DataFile Name : 068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	141328	143108	142601	142345	0.64	cps
Antimony	121-1	817	683	917	806	14.53	cps
Arsenic	75-2	1206	1283	1215	1235	3.44	cps
Barium	135-1	330756	335101	331552	332470	0.70	cps
Barium	137-1	580174	575746	581754	579224	0.54	cps
Beryllium	9-1	463	443	440	449	2.81	cps
Bismuth	209-1	3441850	3552794	3651005	3548549	2.95	cps
Bismuth	209-2	1350491	1326218	1334514	1337074	0.92	cps
Boron	10-1	250	333	392	325	21.91	cps
Boron	11-1	1500	1642	1508	1550	5.13	cps
Cadmium	111-1	1847	1918	2037	1934	4.97	cps
Cadmium	106-1	1458	1425	1659	1514	8.34	cps
Cadmium	108-1	142	125	129	132	6.57	cps
Calcium	43-1	56992	56263	57852	57036	1.39	cps
Calcium	44-1	963530	974257	974999	970928	0.66	cps
Chromium	52-2	27788	27988	27334	27703	1.21	cps
Cobalt	59-2	32040	32615	31977	32211	1.09	cps
Copper	63-2	83013	81933	82792	82579	0.69	cps
Dysprosium	156-1	26753	26912	27413	27026	1.27	cps
Dysprosium	156-2	9100	9467	9133	9233	2.20	cps
Erbium	164-1	23965	24432	24532	24310	1.25	cps
Erbium	164-2	7235	7476	7292	7334	1.71	cps
Gadolinium	160-1	27847	27597	27580	27675	0.54	cps
Gadolinium	160-2	11342	11485	11502	11443	0.77	cps
Holmium	165-1	5723689	5872010	5927339	5841013	1.80	cps
Holmium	165-2	1910204	1873839	1879081	1887708	1.04	cps
Indium	115-1	4969566	5088234	5282334	5113378	3.09	cps
Indium	115-2	354901	347022	349070	350331	1.17	cps
Iron	56-2	28231021	28654145	28218627	28367931	0.87	cps
Iron	57-2	701305	698960	699784	700016	0.17	cps
Krypton	83-1	857	760	667	761	12.48	cps
Lead	206-1	1127567	1131140	1122073	1126927	0.41	cps
Lead	207-1	940349	929238	923169	930918	0.94	cps
Lead	208-1	4465683	4434346	4432798	4444275	0.42	cps
Lithium	6-1	212267	220716	224652	219212	2.89	cps
Magnesium	24-2	252635	253715	250460	252270	0.66	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-15DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:32:03	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	596884	600904	604267	600685	0.62	cps
Molybdenum	94-1	26661	26711	27145	26839	0.99	cps
Molybdenum	95-1	5351	5043	5176	5190	2.98	cps
Molybdenum	96-1	9787	9454	10021	9754	2.92	cps
Molybdenum	97-1	3492	3351	3617	3487	3.83	cps
Molybdenum	98-1	8086	8270	8311	8222	1.46	cps
Neodymium	150-1	30002	29340	29447	29596	1.20	cps
Neodymium	150-2	6272	6598	6208	6359	3.29	cps
Nickel	60-2	19724	19894	19667	19762	0.60	cps
Phosphorus	31-2	550	458	617	542	14.68	cps
Potassium	39-2	33950	33466	32847	33421	1.65	cps
Rhodium	103-1	4865602	4987743	5128694	4994013	2.64	cps
Rhodium	103-2	1945178	1893710	1881014	1906634	1.78	cps
Scandium	45-1	2771561	2796930	2960504	2842998	3.61	cps
Scandium	45-2	40592	40030	40168	40263	0.73	cps
Selenium	77-2	53	70	53	59	16.34	cps
Selenium	78-2	43	22	19	28	46.66	cps
Selenium	82-1	-260	-185	-67	-171	-57.23	cps
Silicon	28-1	4469999	4458476	4445789	4458088	0.27	cps
Silver	109-1	600	508	633	581	11.15	cps
Silver	107-1	717	667	758	714	6.43	cps
Sodium	23-2	25424	25649	25465	25513	0.47	cps
Strontium	86-1	31137	29967	31487	30864	2.58	cps
Strontium	88-1	259311	256333	260736	258793	0.87	cps
Sulfur	34-1	216419	213094	215097	214870	0.78	cps
Terbium	159-1	5969485	6133478	6204643	6102535	1.98	cps
Terbium	159-2	1918694	1871867	1914990	1901850	1.37	cps
Thallium	203-1	542	475	467	494	8.31	cps
Thallium	205-1	1375	1517	1300	1397	7.88	cps
Tin	118-1	1625	1550	1950	1709	12.45	cps
Titanium	47-1	24598	25499	24330	24809	2.47	cps
Uranium	238-1	7669	8904	8211	8261	7.49	cps
Vanadium	51-2	19751	19534	19644	19643	0.55	cps
Yttrium	89-1	5562760	5665284	5827264	5685103	2.35	cps
Yttrium	89-2	298495	291284	292283	294021	1.33	cps
Zinc	66-2	36214	36004	36508	36242	0.70	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-15DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:32:03	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	63307	63608	66614	64509	2.83	cps
Zirconium	91-1	14275	14483	14400	14386	0.73	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-16DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:35:25	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	213076	208106	207558	209580	1.45	cps
Antimony	121-1	458	467	533	486	8.46	cps
Arsenic	75-2	2180	2161	2150	2164	0.69	cps
Barium	135-1	412152	414548	412784	413161	0.30	cps
Barium	137-1	723863	722909	718467	721746	0.40	cps
Beryllium	9-1	683	670	647	667	2.78	cps
Bismuth	209-1	3554785	3476388	3655988	3562387	2.53	cps
Bismuth	209-2	1322090	1327328	1336542	1328653	0.55	cps
Boron	10-1	300	175	217	231	27.61	cps
Boron	11-1	1100	1375	1609	1361	18.70	cps
Cadmium	111-1	1814	1761	1882	1819	3.33	cps
Cadmium	106-1	1567	1575	1584	1575	0.53	cps
Cadmium	108-1	154	167	92	138	29.22	cps
Calcium	43-1	42966	42377	42849	42731	0.73	cps
Calcium	44-1	728238	740238	724801	731093	1.11	cps
Chromium	52-2	37985	38443	37066	37831	1.85	cps
Cobalt	59-2	44126	44906	43755	44263	1.33	cps
Copper	63-2	127583	125964	125764	126437	0.79	cps
Dysprosium	156-1	36160	36769	35549	36159	1.69	cps
Dysprosium	156-2	12740	12486	12396	12541	1.42	cps
Erbium	164-1	31832	33034	32959	32609	2.07	cps
Erbium	164-2	9634	9961	9831	9808	1.68	cps
Gadolinium	160-1	36602	37129	37747	37160	1.54	cps
Gadolinium	160-2	15049	15326	15056	15143	1.04	cps
Holmium	165-1	5866159	5827074	6107539	5933591	2.56	cps
Holmium	165-2	1883578	1926834	1926927	1912446	1.31	cps
Indium	115-1	5040184	5100809	5193067	5111353	1.51	cps
Indium	115-2	350093	347812	353288	350398	0.78	cps
Iron	56-2	43430902	42579379	42730323	42913535	1.06	cps
Iron	57-2	1067348	1060086	1057330	1061588	0.49	cps
Krypton	83-1	737	707	727	723	2.11	cps
Lead	206-1	1499285	1499867	1506911	1502021	0.28	cps
Lead	207-1	1243226	1229090	1244707	1239007	0.70	cps
Lead	208-1	5915424	5881648	5928963	5908678	0.41	cps
Lithium	6-1	220494	220835	226118	222483	1.42	cps
Magnesium	24-2	384137	385649	377504	382430	1.13	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-16DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:35:25	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	733649	721336	724460	726482	0.88	cps
Molybdenum	94-1	36792	35606	35915	36105	1.70	cps
Molybdenum	95-1	7594	7853	8069	7839	3.04	cps
Molybdenum	96-1	13566	14125	14066	13919	2.21	cps
Molybdenum	97-1	5326	4976	4918	5073	4.35	cps
Molybdenum	98-1	12581	12523	12548	12551	0.23	cps
Neodymium	150-1	41139	41432	41045	41205	0.49	cps
Neodymium	150-2	8440	8643	8436	8506	1.39	cps
Nickel	60-2	28483	28433	28349	28421	0.24	cps
Phosphorus	31-2	642	608	683	644	5.83	cps
Potassium	39-2	31344	32130	31779	31751	1.24	cps
Rhodium	103-1	4983068	4977951	5134716	5031911	1.77	cps
Rhodium	103-2	1892035	1889199	1920111	1900449	0.90	cps
Scandium	45-1	2887726	2885751	2913894	2895790	0.54	cps
Scandium	45-2	41020	41027	40799	40949	0.32	cps
Selenium	77-2	60	77	57	64	16.63	cps
Selenium	78-2	46	57	31	45	28.87	cps
Selenium	82-1	-93	-103	-119	-105	-12.40	cps
Silicon	28-1	5238565	5082109	5280664	5200446	2.01	cps
Silver	109-1	650	725	642	672	6.83	cps
Silver	107-1	825	633	817	758	14.29	cps
Sodium	23-2	25958	25156	24288	25134	3.32	cps
Strontium	86-1	25692	25951	25400	25681	1.07	cps
Strontium	88-1	214358	221695	216606	217553	1.73	cps
Sulfur	34-1	201730	203429	202221	202460	0.43	cps
Terbium	159-1	6130201	6094416	6336425	6187014	2.11	cps
Terbium	159-2	1913078	1910944	1896605	1906876	0.47	cps
Thallium	203-1	683	567	617	622	9.41	cps
Thallium	205-1	1125	1450	1342	1306	12.68	cps
Tin	118-1	1317	1533	1267	1372	10.33	cps
Titanium	47-1	23329	23613	24498	23813	2.56	cps
Uranium	238-1	11381	11030	11865	11425	3.67	cps
Vanadium	51-2	24929	25153	24852	24978	0.62	cps
Yttrium	89-1	5869505	5810318	5905621	5861815	0.82	cps
Yttrium	89-2	297956	302323	299941	300073	0.73	cps
Zinc	66-2	54925	54825	54550	54767	0.35	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-16DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:35:25	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	86316	86827	88202	87115	1.12	cps
Zirconium	91-1	18572	19623	18931	19042	2.81	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : J6386-17DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS007-1218-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-26 17:38:48 DataFile Name : 070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	220263	218473	218591	219109	0.46	cps
Antimony	121-1	500	550	475	508	7.51	cps
Arsenic	75-2	1730	1687	1626	1681	3.10	cps
Barium	135-1	462944	462500	472204	465883	1.18	cps
Barium	137-1	807753	801527	823195	810825	1.38	cps
Beryllium	9-1	640	557	753	650	15.19	cps
Bismuth	209-1	3596367	3557896	3584672	3579645	0.55	cps
Bismuth	209-2	1321587	1390410	1351759	1354586	2.55	cps
Boron	10-1	225	292	167	228	27.46	cps
Boron	11-1	1133	1117	1475	1242	16.29	cps
Cadmium	111-1	1829	2058	2276	2054	10.87	cps
Cadmium	106-1	1492	1684	1684	1620	6.83	cps
Cadmium	108-1	158	154	158	157	1.53	cps
Calcium	43-1	45851	44387	46647	45629	2.51	cps
Calcium	44-1	778893	774571	794499	782655	1.34	cps
Chromium	52-2	40388	40425	40372	40395	0.07	cps
Cobalt	59-2	49033	48431	49645	49036	1.24	cps
Copper	63-2	131529	130539	130832	130967	0.39	cps
Dysprosium	156-1	36052	35291	36017	35787	1.20	cps
Dysprosium	156-2	12586	12840	12746	12724	1.01	cps
Erbium	164-1	32726	32258	32400	32461	0.74	cps
Erbium	164-2	9774	9644	9831	9749	0.98	cps
Gadolinium	160-1	38667	37940	36761	37789	2.54	cps
Gadolinium	160-2	15569	15059	15790	15473	2.42	cps
Holmium	165-1	6006918	5788500	5979215	5924878	2.01	cps
Holmium	165-2	1904868	1977542	1929241	1937217	1.91	cps
Indium	115-1	5178466	5003843	5171130	5117813	1.93	cps
Indium	115-2	344978	360357	353104	352813	2.18	cps
Iron	56-2	43461811	42584876	43408538	43151742	1.14	cps
Iron	57-2	1084369	1067670	1083922	1078654	0.88	cps
Krypton	83-1	673	687	667	676	1.51	cps
Lead	206-1	1388783	1367197	1402938	1386306	1.30	cps
Lead	207-1	1139622	1132654	1149031	1140436	0.72	cps
Lead	208-1	5429700	5428789	5488519	5449003	0.63	cps
Lithium	6-1	223094	217690	227022	222602	2.10	cps
Magnesium	24-2	358881	356054	357415	357450	0.40	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-17DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-1218-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:38:48	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	761481	748918	759291	756563	0.89	cps
Molybdenum	94-1	34955	35515	35113	35194	0.82	cps
Molybdenum	95-1	8303	8895	9195	8798	5.16	cps
Molybdenum	96-1	14976	15134	15217	15109	0.81	cps
Molybdenum	97-1	5426	5593	5601	5540	1.78	cps
Molybdenum	98-1	13916	14108	14650	14225	2.68	cps
Neodymium	150-1	42302	40845	41125	41424	1.87	cps
Neodymium	150-2	8623	8576	8553	8584	0.42	cps
Nickel	60-2	30464	30728	30049	30414	1.12	cps
Phosphorus	31-2	625	817	692	711	13.68	cps
Potassium	39-2	32739	31378	31620	31912	2.28	cps
Rhodium	103-1	5051033	4923818	5016280	4997044	1.32	cps
Rhodium	103-2	1865597	1966913	1898625	1910378	2.70	cps
Scandium	45-1	2907545	2924326	2917635	2916502	0.29	cps
Scandium	45-2	39659	42301	40084	40681	3.49	cps
Selenium	77-2	43	107	57	69	48.47	cps
Selenium	78-2	63	39	31	44	37.03	cps
Selenium	82-1	-61	-46	7	-33	-108.32	cps
Silicon	28-1	6298555	6372272	6487445	6386091	1.49	cps
Silver	109-1	675	650	600	642	5.95	cps
Silver	107-1	858	667	908	811	15.73	cps
Sodium	23-2	24580	24814	25223	24873	1.31	cps
Strontium	86-1	28447	28706	30410	29188	3.65	cps
Strontium	88-1	244599	244494	255769	248287	2.61	cps
Sulfur	34-1	195291	190860	194101	193417	1.19	cps
Terbium	159-1	6265844	6162171	6198704	6208906	0.85	cps
Terbium	159-2	1883340	2020479	1900407	1934742	3.86	cps
Thallium	203-1	542	625	783	650	18.89	cps
Thallium	205-1	1525	1400	1350	1425	6.33	cps
Tin	118-1	1550	1500	1725	1592	7.42	cps
Titanium	47-1	25466	24597	25366	25143	1.89	cps
Uranium	238-1	10880	10747	10363	10663	2.52	cps
Vanadium	51-2	25954	25971	26105	26010	0.32	cps
Yttrium	89-1	5812213	5811176	5963721	5862370	1.50	cps
Yttrium	89-2	292954	312168	303966	303029	3.18	cps
Zinc	66-2	48184	48140	47739	48021	0.51	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-17DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-1218-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:38:48	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	84470	84111	86686	85089	1.64	cps
Zirconium	91-1	19398	17938	18388	18575	4.03	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-18DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-1824-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:42:11	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	205789	207616	208278	207228	0.62	cps
Antimony	121-1	550	642	567	586	8.33	cps
Arsenic	75-2	1687	1711	1700	1700	0.71	cps
Barium	135-1	405865	404174	410065	406701	0.75	cps
Barium	137-1	689339	706038	713924	703100	1.79	cps
Beryllium	9-1	517	530	603	550	8.48	cps
Bismuth	209-1	3643243	3649908	3594317	3629156	0.84	cps
Bismuth	209-2	1322608	1354985	1226243	1301279	5.15	cps
Boron	10-1	192	225	275	231	18.19	cps
Boron	11-1	1083	975	1075	1045	5.77	cps
Cadmium	111-1	1831	1854	1866	1850	0.95	cps
Cadmium	106-1	1475	1475	1533	1495	2.25	cps
Cadmium	108-1	121	196	142	153	25.34	cps
Calcium	43-1	51364	51099	52083	51515	0.99	cps
Calcium	44-1	869612	874198	878253	874021	0.49	cps
Chromium	52-2	39322	38410	38283	38671	1.47	cps
Cobalt	59-2	46013	45083	45036	45377	1.21	cps
Copper	63-2	112753	110804	110560	111373	1.08	cps
Dysprosium	156-1	35332	34680	34764	34925	1.02	cps
Dysprosium	156-2	12810	12520	12636	12655	1.15	cps
Erbium	164-1	31982	31957	32475	32138	0.91	cps
Erbium	164-2	9937	9480	9767	9728	2.37	cps
Gadolinium	160-1	35792	36511	37438	36580	2.26	cps
Gadolinium	160-2	14752	14962	15303	15005	1.85	cps
Holmium	165-1	6026017	6005775	5937077	5989623	0.78	cps
Holmium	165-2	1868059	1924405	1749604	1847356	4.83	cps
Indium	115-1	5248353	5207094	5139576	5198341	1.06	cps
Indium	115-2	343999	354699	317116	338605	5.72	cps
Iron	56-2	39254611	39116029	39871237	39413959	1.02	cps
Iron	57-2	981350	984880	989406	985212	0.41	cps
Krypton	83-1	693	767	773	744	5.96	cps
Lead	206-1	1177616	1196908	1206200	1193575	1.22	cps
Lead	207-1	974910	986963	994160	985345	0.99	cps
Lead	208-1	4631879	4683224	4728796	4681300	1.04	cps
Lithium	6-1	220517	221600	221078	221065	0.24	cps
Magnesium	24-2	349407	355943	359952	355101	1.50	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-18DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-1824-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:42:11	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	721033	730708	745779	732507	1.70	cps
Molybdenum	94-1	34378	34620	34010	34336	0.89	cps
Molybdenum	95-1	8320	8195	8220	8245	0.80	cps
Molybdenum	96-1	13441	14200	13374	13671	3.36	cps
Molybdenum	97-1	5310	5360	5393	5354	0.78	cps
Molybdenum	98-1	12748	13140	13090	12993	1.64	cps
Neodymium	150-1	38250	38170	38564	38328	0.54	cps
Neodymium	150-2	7966	8063	7953	7994	0.75	cps
Nickel	60-2	32375	32461	32906	32581	0.87	cps
Phosphorus	31-2	633	842	750	742	14.08	cps
Potassium	39-2	30885	31185	30868	30979	0.58	cps
Rhodium	103-1	5101051	5242917	5149173	5164380	1.40	cps
Rhodium	103-2	1878562	1924589	1751175	1851442	4.85	cps
Scandium	45-1	3001494	2949905	2884293	2945231	1.99	cps
Scandium	45-2	39392	40188	36778	38786	4.60	cps
Selenium	77-2	67	53	40	53	25.00	cps
Selenium	78-2	41	33	44	40	14.33	cps
Selenium	82-1	-72	-168	-145	-128	-38.85	cps
Silicon	28-1	5882358	6003924	5996601	5960961	1.14	cps
Silver	109-1	525	717	642	628	15.39	cps
Silver	107-1	750	675	625	683	9.21	cps
Sodium	23-2	29181	29148	29089	29139	0.16	cps
Strontium	86-1	31287	32707	31905	31966	2.23	cps
Strontium	88-1	270122	272471	272616	271736	0.52	cps
Sulfur	34-1	186543	184533	185071	185382	0.56	cps
Terbium	159-1	6401607	6293920	6265712	6320413	1.13	cps
Terbium	159-2	1876102	1895280	1751272	1840884	4.25	cps
Thallium	203-1	525	750	525	600	21.65	cps
Thallium	205-1	1292	1433	1433	1386	5.90	cps
Tin	118-1	1634	1433	1525	1531	6.54	cps
Titanium	47-1	24547	25207	25173	24976	1.49	cps
Uranium	238-1	10155	9846	9846	9949	1.79	cps
Vanadium	51-2	23977	23216	23720	23638	1.64	cps
Yttrium	89-1	5982522	6018030	5951283	5983945	0.56	cps
Yttrium	89-2	295987	304869	277934	292930	4.69	cps
Zinc	66-2	49137	50281	51148	50189	2.01	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-18DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS007-1824-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:42:11	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	82155	82936	83273	82788	0.69	cps
Zirconium	91-1	17971	17570	17862	17801	1.16	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-19DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS008-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:45:34	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	184414	185860	183441	184572	0.66	cps
Antimony	121-1	758	700	667	708	6.55	cps
Arsenic	75-2	1863	1995	1761	1873	6.25	cps
Barium	135-1	394353	402026	407004	401128	1.59	cps
Barium	137-1	690846	702566	701596	698336	0.93	cps
Beryllium	9-1	503	593	463	520	12.81	cps
Bismuth	209-1	3818290	3654855	3571630	3681592	3.41	cps
Bismuth	209-2	1384685	1313419	1340484	1346196	2.67	cps
Boron	10-1	183	167	133	161	15.80	cps
Boron	11-1	825	942	1025	931	10.80	cps
Cadmium	111-1	2109	1892	1891	1964	6.40	cps
Cadmium	106-1	1875	1525	1483	1628	13.22	cps
Cadmium	108-1	142	179	133	151	16.13	cps
Calcium	43-1	56992	58535	57751	57759	1.34	cps
Calcium	44-1	964408	985252	980487	976715	1.12	cps
Chromium	52-2	36164	35779	36184	36042	0.63	cps
Cobalt	59-2	40756	40680	40081	40506	0.91	cps
Copper	63-2	101532	100654	101556	101247	0.51	cps
Dysprosium	156-1	30972	32575	33511	32352	3.97	cps
Dysprosium	156-2	11575	11288	11408	11424	1.26	cps
Erbium	164-1	29501	30044	30704	30083	2.00	cps
Erbium	164-2	9100	9040	8973	9038	0.70	cps
Gadolinium	160-1	34171	35065	34046	34427	1.61	cps
Gadolinium	160-2	13504	13761	13744	13670	1.05	cps
Holmium	165-1	6256416	5923464	5888732	6022871	3.37	cps
Holmium	165-2	1971486	1869996	1883949	1908477	2.88	cps
Indium	115-1	5498320	5217010	5155392	5290241	3.46	cps
Indium	115-2	363368	347694	355188	355417	2.21	cps
Iron	56-2	37020026	36489613	36125913	36545184	1.23	cps
Iron	57-2	912174	908642	897908	906241	0.82	cps
Krypton	83-1	777	750	700	742	5.24	cps
Lead	206-1	1483987	1522966	1511251	1506068	1.33	cps
Lead	207-1	1223822	1258941	1253508	1245424	1.52	cps
Lead	208-1	5833648	6018831	5961841	5938107	1.60	cps
Lithium	6-1	227142	220530	215347	221006	2.67	cps
Magnesium	24-2	341473	343823	339007	341434	0.71	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-19DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS008-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:45:34	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	838113	829044	828853	832004	0.64	cps
Molybdenum	94-1	30844	32056	31822	31574	2.04	cps
Molybdenum	95-1	7703	7711	7327	7580	2.89	cps
Molybdenum	96-1	12823	13115	12723	12887	1.58	cps
Molybdenum	97-1	4659	4593	4993	4748	4.51	cps
Molybdenum	98-1	11405	11505	11831	11581	1.92	cps
Neodymium	150-1	36090	36171	36284	36182	0.27	cps
Neodymium	150-2	7632	7239	7446	7439	2.65	cps
Nickel	60-2	24495	24562	24091	24383	1.04	cps
Phosphorus	31-2	650	608	708	656	7.66	cps
Potassium	39-2	29164	28889	29724	29259	1.45	cps
Rhodium	103-1	5343492	5070596	4958097	5124062	3.87	cps
Rhodium	103-2	1970396	1890710	1906059	1922388	2.20	cps
Scandium	45-1	3030103	2855754	2833521	2906459	3.70	cps
Scandium	45-2	41929	38931	40599	40486	3.71	cps
Selenium	77-2	57	63	57	59	6.53	cps
Selenium	78-2	39	59	17	38	55.66	cps
Selenium	82-1	-131	-161	-112	-135	-18.25	cps
Silicon	28-1	6744457	6908329	6781434	6811407	1.26	cps
Silver	109-1	542	633	717	631	13.88	cps
Silver	107-1	817	767	667	750	10.18	cps
Sodium	23-2	24739	24271	23946	24319	1.64	cps
Strontium	86-1	25934	26552	26193	26226	1.18	cps
Strontium	88-1	216487	222471	216603	218520	1.57	cps
Sulfur	34-1	183766	185116	182193	183692	0.80	cps
Terbium	159-1	6513484	6266239	6186299	6322007	2.70	cps
Terbium	159-2	1964661	1876272	1903883	1914939	2.36	cps
Thallium	203-1	492	525	558	525	6.35	cps
Thallium	205-1	1358	1117	1175	1217	10.37	cps
Tin	118-1	1467	1483	1475	1475	0.57	cps
Titanium	47-1	26509	27261	27921	27230	2.59	cps
Uranium	238-1	9212	9613	9888	9571	3.55	cps
Vanadium	51-2	21460	21100	20629	21063	1.98	cps
Yttrium	89-1	6121003	5815675	5750463	5895714	3.36	cps
Yttrium	89-2	306781	292447	297496	298908	2.43	cps
Zinc	66-2	46662	47301	46301	46754	1.08	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-19DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS008-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:45:34	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	73457	75486	73290	74078	1.65	cps
Zirconium	91-1	16661	16578	16527	16589	0.41	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-20DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS008-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:48:57	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	199830	198219	198691	198914	0.42	cps
Antimony	121-1	408	558	525	497	15.84	cps
Arsenic	75-2	1520	1533	1561	1538	1.35	cps
Barium	135-1	390597	390062	399440	393366	1.34	cps
Barium	137-1	689840	697652	693960	693817	0.56	cps
Beryllium	9-1	570	623	550	581	6.52	cps
Bismuth	209-1	3571165	3572870	3731226	3625087	2.54	cps
Bismuth	209-2	1339655	1354505	1393310	1362490	2.03	cps
Boron	10-1	200	150	200	183	15.75	cps
Boron	11-1	933	917	942	931	1.37	cps
Cadmium	111-1	1862	1934	1811	1869	3.32	cps
Cadmium	106-1	1634	1542	1450	1542	5.95	cps
Cadmium	108-1	104	100	125	110	12.21	cps
Calcium	43-1	32464	32942	32344	32584	0.97	cps
Calcium	44-1	563624	567067	564594	565095	0.31	cps
Chromium	52-2	34854	35261	35893	35336	1.48	cps
Cobalt	59-2	38383	38340	37928	38217	0.66	cps
Copper	63-2	109108	107841	106870	107940	1.04	cps
Dysprosium	156-1	32032	32692	32859	32527	1.34	cps
Dysprosium	156-2	11532	11515	11422	11490	0.52	cps
Erbium	164-1	28240	30103	28583	28975	3.42	cps
Erbium	164-2	8856	8873	8983	8904	0.77	cps
Gadolinium	160-1	33478	34697	34965	34380	2.31	cps
Gadolinium	160-2	13511	13834	13674	13673	1.18	cps
Holmium	165-1	5849581	5843352	6139040	5943991	2.84	cps
Holmium	165-2	1925756	1932589	1975145	1944496	1.38	cps
Indium	115-1	5103043	5135398	5266361	5168267	1.67	cps
Indium	115-2	348659	352135	367182	355992	2.77	cps
Iron	56-2	36751512	36271140	36010279	36344310	1.03	cps
Iron	57-2	908114	897345	900760	902073	0.61	cps
Krypton	83-1	687	793	797	759	8.24	cps
Lead	206-1	1541569	1550007	1563566	1551714	0.72	cps
Lead	207-1	1280257	1291455	1279797	1283836	0.51	cps
Lead	208-1	6098850	6144713	6135835	6126466	0.40	cps
Lithium	6-1	214491	215282	221014	216929	1.64	cps
Magnesium	24-2	332119	340818	334004	335647	1.36	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-20DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS008-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:48:57	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	548123	551430	541809	547120	0.89	cps
Molybdenum	94-1	30160	30794	30744	30566	1.15	cps
Molybdenum	95-1	6702	6752	6802	6752	0.74	cps
Molybdenum	96-1	12056	12281	12331	12223	1.20	cps
Molybdenum	97-1	4776	4593	4726	4698	2.02	cps
Molybdenum	98-1	10821	10963	11405	11063	2.75	cps
Neodymium	150-1	37722	37086	38009	37606	1.26	cps
Neodymium	150-2	7766	7782	8043	7864	1.97	cps
Nickel	60-2	25884	26880	25737	26167	2.38	cps
Phosphorus	31-2	567	583	575	575	1.45	cps
Potassium	39-2	26927	29799	28171	28299	5.09	cps
Rhodium	103-1	5069239	4995015	5174553	5079602	1.78	cps
Rhodium	103-2	1904648	1948732	2013416	1955599	2.80	cps
Scandium	45-1	2903172	2828428	2943715	2891771	2.02	cps
Scandium	45-2	39592	40532	41946	40690	2.91	cps
Selenium	77-2	50	43	40	44	11.46	cps
Selenium	78-2	35	44	33	38	15.82	cps
Selenium	82-1	-83	-177	-200	-154	-40.51	cps
Silicon	28-1	6716661	6723605	6864795	6768353	1.24	cps
Silver	109-1	800	658	658	706	11.59	cps
Silver	107-1	742	842	675	753	11.14	cps
Sodium	23-2	24163	24915	24313	24464	1.63	cps
Strontium	86-1	20291	21902	21643	21279	4.06	cps
Strontium	88-1	174934	179880	176178	176997	1.45	cps
Sulfur	34-1	170315	170460	173207	171328	0.95	cps
Terbium	159-1	6182890	6158839	6459124	6266951	2.66	cps
Terbium	159-2	1878599	1909356	1980258	1922738	2.71	cps
Thallium	203-1	558	600	608	589	4.55	cps
Thallium	205-1	1458	1283	1375	1372	6.38	cps
Tin	118-1	1433	1784	1367	1528	14.65	cps
Titanium	47-1	31620	31311	30576	31169	1.72	cps
Uranium	238-1	9204	9246	9145	9198	0.55	cps
Vanadium	51-2	22385	23437	23463	23095	2.66	cps
Yttrium	89-1	5808832	5725079	5980627	5838179	2.23	cps
Yttrium	89-2	300747	299314	309513	303192	1.82	cps
Zinc	66-2	46204	45555	45672	45810	0.75	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	J6386-20DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS008-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-26 17:48:57	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	73056	74296	72519	73290	1.24	cps
Zirconium	91-1	15893	16719	16844	16486	3.13	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 17:52:20	DataFile Name :	074CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	356420	360272	352829	356507	1.04	cps
Antimony	121-1	2999713	3009881	3034174	3014589	0.59	cps
Arsenic	75-2	56338	56111	56359	56269	0.24	cps
Barium	135-1	2963396	3038843	2981638	2994626	1.31	cps
Barium	137-1	5122588	5204155	5178634	5168459	0.81	cps
Beryllium	9-1	194408	195712	195316	195145	0.34	cps
Bismuth	209-1	3657418	3662986	3390718	3570374	4.36	cps
Bismuth	209-2	1360668	1274646	1331178	1322164	3.31	cps
Boron	10-1	25507	25599	26183	25763	1.42	cps
Boron	11-1	130306	132971	138666	133981	3.19	cps
Cadmium	111-1	666576	661039	663882	663832	0.42	cps
Cadmium	106-1	69748	68909	69019	69225	0.66	cps
Cadmium	108-1	47116	46932	46760	46936	0.38	cps
Calcium	43-1	3107862	3171203	3154347	3144471	1.04	cps
Calcium	44-1	50077354	51009349	50176244	50420983	1.02	cps
Chromium	52-2	425510	427853	426509	426624	0.28	cps
Cobalt	59-2	839855	844060	841251	841722	0.25	cps
Copper	63-2	1398755	1411553	1389146	1399818	0.80	cps
Dysprosium	156-1	75	50	58	61	20.83	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	25	33	17	25	33.32	cps
Erbium	164-2	7	20	10	12	56.76	cps
Gadolinium	160-1	58	58	33	50	28.88	cps
Gadolinium	160-2	13	17	23	18	28.64	cps
Holmium	165-1	6236163	6163001	5719369	6039511	4.63	cps
Holmium	165-2	2035856	1897114	1952221	1961730	3.56	cps
Indium	115-1	5333600	5297105	4882948	5171218	4.84	cps
Indium	115-2	364325	343057	349767	352383	3.09	cps
Iron	56-2	74956627	73941252	74567291	74488390	0.69	cps
Iron	57-2	1933545	1907608	1917049	1919401	0.68	cps
Krypton	83-1	623	707	713	681	7.36	cps
Lead	206-1	1499699	1504649	1518308	1507552	0.64	cps
Lead	207-1	1362106	1360680	1375907	1366231	0.62	cps
Lead	208-1	6230000	6250743	6318939	6266561	0.74	cps
Lithium	6-1	228805	227457	216698	224320	2.96	cps
Magnesium	24-2	7278896	7409533	7383923	7357450	0.94	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 17:52:20	DataFile Name :	074CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	266595	266481	266530	266535	0.02	cps
Molybdenum	94-1	5375563	5361100	5330926	5355863	0.43	cps
Molybdenum	95-1	6516511	6422391	6486015	6474972	0.74	cps
Molybdenum	96-1	7356424	7260490	7315112	7310675	0.66	cps
Molybdenum	97-1	4089586	4084046	4137829	4103820	0.72	cps
Molybdenum	98-1	10344393	10217907	10392065	10318122	0.87	cps
Neodymium	150-1	120	173	167	153	18.95	cps
Neodymium	150-2	17	30	20	22	31.22	cps
Nickel	60-2	248375	250559	247325	248753	0.66	cps
Phosphorus	31-2	4834	5168	4851	4951	3.80	cps
Potassium	39-2	2320895	2369332	2326722	2338983	1.13	cps
Rhodium	103-1	5096634	5076004	4749935	4974191	3.91	cps
Rhodium	103-2	1939435	1829318	1857991	1875581	3.05	cps
Scandium	45-1	3095320	3096330	2901504	3031051	3.70	cps
Scandium	45-2	42913	40525	41722	41720	2.86	cps
Selenium	77-2	393	410	487	430	11.58	cps
Selenium	78-2	1546	1404	1380	1443	6.24	cps
Selenium	82-1	42839	42516	42766	42707	0.40	cps
Silicon	28-1	1244556	1280619	1264669	1263281	1.43	cps
Silver	109-1	3080016	3034641	3016581	3043746	1.07	cps
Silver	107-1	3224313	3160981	3235236	3206843	1.25	cps
Sodium	23-2	16094825	16182910	16305239	16194325	0.65	cps
Strontium	86-1	790624	792359	792296	791760	0.12	cps
Strontium	88-1	6935139	6960589	6928726	6941485	0.24	cps
Sulfur	34-1	442234	454667	448513	448471	1.39	cps
Terbium	159-1	6435237	6462148	6017708	6305031	3.95	cps
Terbium	159-2	2027777	1885158	1931718	1948218	3.73	cps
Thallium	203-1	1983480	1964857	1970153	1972830	0.49	cps
Thallium	205-1	4611972	4626895	4650652	4629840	0.42	cps
Tin	118-1	2074610	2087573	2069271	2077151	0.45	cps
Titanium	47-1	1588984	1591352	1592531	1590956	0.11	cps
Uranium	238-1	5778552	5888365	5888760	5851892	1.09	cps
Vanadium	51-2	308976	307602	303839	306806	0.87	cps
Yttrium	89-1	5668327	5752887	5218193	5546469	5.18	cps
Yttrium	89-2	293893	281426	285264	286861	2.23	cps
Zinc	66-2	152535	156195	153671	154134	1.22	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 17:52:20	DataFile Name :	074CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4465854	4463473	4397061	4442130	0.88	cps
Zirconium	91-1	952296	959860	957156	956438	0.40	cps

LB Number : LB100046 Operator : Jaswal
 Lab Sample ID : CCB10 Instrumnet Name : P8
 Client Sample ID : CCB10 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55	60	35	50	26.46	cps
Antimony	121-1	942	908	1008	953	5.34	cps
Arsenic	75-2	7	6	7	7	15.72	cps
Barium	135-1	33	17	42	31	41.66	cps
Barium	137-1	50	67	100	72	35.26	cps
Beryllium	9-1	27	33	33	31	12.36	cps
Bismuth	209-1	3602257	3575648	3540240	3572715	0.87	cps
Bismuth	209-2	1313927	1330799	1283983	1309570	1.81	cps
Boron	10-1	233	292	217	247	15.93	cps
Boron	11-1	1058	1017	1250	1108	11.23	cps
Cadmium	111-1	882	893	909	895	1.52	cps
Cadmium	106-1	1233	1258	1283	1258	1.99	cps
Cadmium	108-1	21	0	8	10	107.86	cps
Calcium	43-1	283	257	337	292	13.94	cps
Calcium	44-1	47868	47647	47738	47751	0.23	cps
Chromium	52-2	1783	2020	1937	1914	6.27	cps
Cobalt	59-2	73	57	73	68	14.19	cps
Copper	63-2	217	250	263	243	9.88	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	8	42	28	62.46	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	67	17	17	33	86.59	cps
Gadolinium	160-2	10	13	0	8	89.21	cps
Holmium	165-1	5887921	5717671	5745807	5783800	1.58	cps
Holmium	165-2	1854415	1902160	1793912	1850163	2.93	cps
Indium	115-1	5149759	5168508	5102765	5140344	0.66	cps
Indium	115-2	351502	332399	339591	341164	2.83	cps
Iron	56-2	3639	3873	3606	3706	3.92	cps
Iron	57-2	122	189	83	131	40.60	cps
Krypton	83-1	810	703	697	737	8.63	cps
Lead	206-1	1011	895	922	943	6.47	cps
Lead	207-1	883	800	700	794	11.55	cps
Lead	208-1	3889	3578	3550	3673	5.12	cps
Lithium	6-1	215208	217979	214649	215946	0.83	cps
Magnesium	24-2	267	275	208	250	14.53	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 17:56:51	DataFile Name :	075CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	90	90	70	83	13.86	cps
Molybdenum	94-1	342	308	517	389	28.78	cps
Molybdenum	95-1	225	217	475	306	48.07	cps
Molybdenum	96-1	375	325	483	394	20.53	cps
Molybdenum	97-1	417	433	533	461	13.69	cps
Molybdenum	98-1	450	433	667	517	25.20	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	83	97	90	90	7.41	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	5018	5501	5226	5248	4.62	cps
Rhodium	103-1	5083244	5072169	4956093	5037169	1.40	cps
Rhodium	103-2	1889270	1847931	1850750	1862650	1.24	cps
Scandium	45-1	2803094	2753428	2761568	2772697	0.96	cps
Scandium	45-2	39318	40462	37357	39046	4.02	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	4	3	91.69	cps
Selenium	82-1	-300	-234	-202	-245	-20.46	cps
Silicon	28-1	150271	149724	151064	150353	0.45	cps
Silver	109-1	225	158	150	178	23.12	cps
Silver	107-1	175	175	158	169	5.68	cps
Sodium	23-2	26125	26970	26676	26590	1.61	cps
Strontium	86-1	800	825	858	828	3.54	cps
Strontium	88-1	133	92	125	117	18.90	cps
Sulfur	34-1	257298	260844	255789	257977	1.01	cps
Terbium	159-1	6057508	6062688	5941364	6020520	1.14	cps
Terbium	159-2	1875665	1744801	1774341	1798269	3.82	cps
Thallium	203-1	375	375	250	333	21.65	cps
Thallium	205-1	667	767	792	742	8.92	cps
Tin	118-1	358	375	367	367	2.27	cps
Titanium	47-1	67	67	67	67	0.00	cps
Uranium	238-1	58	67	33	53	32.88	cps
Vanadium	51-2	17	30	13	20	44.10	cps
Yttrium	89-1	5342082	5410674	5264403	5339053	1.37	cps
Yttrium	89-2	277584	267766	265794	270382	2.34	cps
Zinc	66-2	153	103	120	126	20.28	cps

LB Number :	LB100046	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2018-12-26 17:56:51	DataFile Name :	075CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	550	483	558	531	7.75	cps
Zirconium	91-1	117	67	117	100	28.87	cps