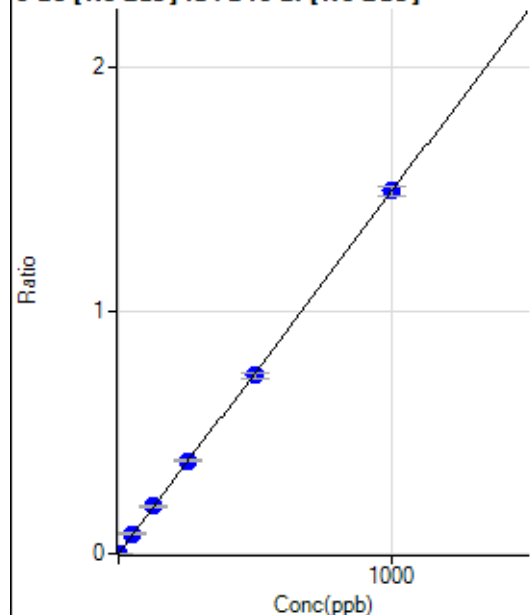


Batch Folder: D:\P8122718-MS.b\
Analysis File: P8122718-MS.batch.bin
DA Date-Time: 2018-12-27 17:00:48
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-12-27 11:45:43
2			
3	005CALS.d	S02	2018-12-27 11:53:01
4	006CALS.d	S03	2018-12-27 11:56:49
5	007CALS.d	S04	2018-12-27 12:00:36
6	008CALS.d	S05	2018-12-27 12:04:20
7	009CALS.d	S06	2018-12-27 12:07:57
8	010CALS.d	S07	2018-12-27 12:11:28
9	011CALS.d	S08	2018-12-27 12:14:53

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	21.11	0.0000	P	42.6
2	☐	0.100					
3	☐	1.000	0.981	685.58	0.0015	P	7.0
4	☐	50.000	54.773	37959.07	0.0817	P	9.0
5	☐	125.000	130.808	94113.13	0.1950	P	2.5
6	☐	250.000	255.618	194493.52	0.3809	P	1.5
7	☐	500.000	491.849	408984.60	0.7330	P	3.5
8	☐	1000.000	1001.706	850415.12	1.4927	P	2.8
9	☐			140.01	0.0002	P	23.5

$$y = 0.0015 * x + 4.6400E-005$$

$$R = 0.9999$$

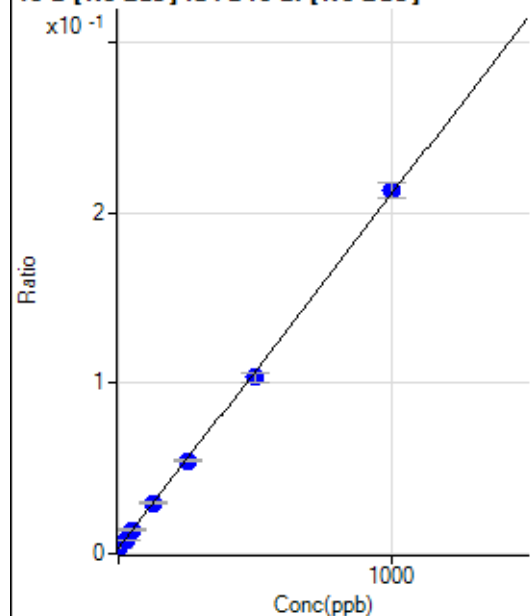
$$DL = 0.03977$$

$$BEC = 0.03114$$

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	1505.71	0.0033	P	6.9
2	☐	2.500					
3	☐	25.000	23.089	3672.87	0.0081	P	3.4
4	☐	50.000	51.096	6462.86	0.0139	P	8.4
5	☐	125.000	127.442	14363.28	0.0298	P	4.6
6	☐	250.000	247.415	27922.58	0.0547	P	2.0
7	☐	500.000	481.712	57681.11	0.1034	P	4.8
8	☐	1000.000	1009.478	121365.92	0.2131	P	4.1
9	☐			3383.89	0.0059	P	6.4

$$y = 2.0781E-004 * x + 0.0033$$

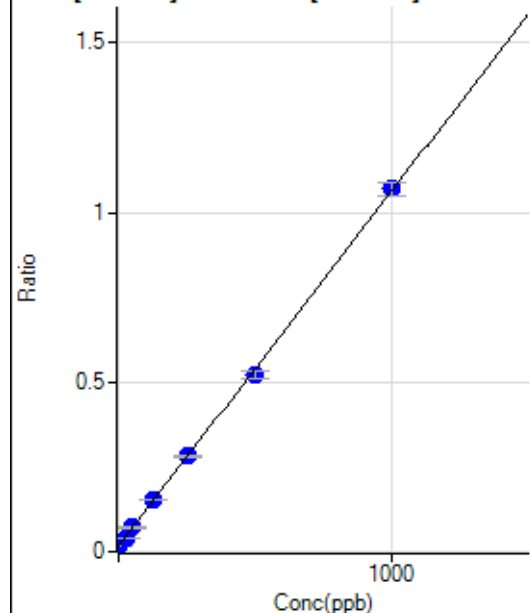
$$R = 0.9997$$

$$DL = 3.287$$

$$BEC = 15.78$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7969.25	0.0174	P	6.0
2	☐	2.500					
3	☐	25.000	23.674	19141.32	0.0421	P	1.6
4	☐	50.000	53.069	33852.12	0.0728	P	8.6
5	☐	125.000	130.437	74167.73	0.1536	P	2.6
6	☐	250.000	252.023	143337.43	0.2807	P	0.3
7	☐	500.000	483.898	291807.59	0.5230	P	4.1
8	☐	1000.000	1006.745	609086.28	1.0693	P	3.8
9	☐			17605.98	0.0308	P	0.6

$$y = 0.0010 * x + 0.0174$$

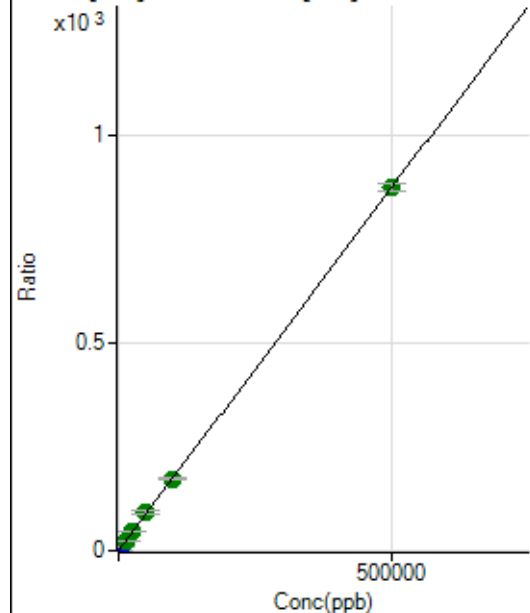
$$R = 0.9998$$

$$DL = 2.992$$

$$BEC = 16.61$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15008.49	0.2924	P	5.4
2	☐	50.000					
3	☐	500.000	439.628	58738.88	1.0598	P	2.5
4	☐	5000.000	5202.437	500076.34	9.3737	P	1.4
5	☐	12500.000	12933.374	1239667.16	22.8688	A	4.2
6	☐	25000.000	25979.002	2426922.93	45.6411	A	3.1
7	☐	50000.000	52440.853	4702948.28	91.8327	A	8.1
8	☐	100000.00	98918.846	9212164.18	172.9643	A	3.4
9	☐	500000.00	499910.39	47693664.26	872.9319	A	2.1

$$y = 0.0017 * x + 0.2924$$

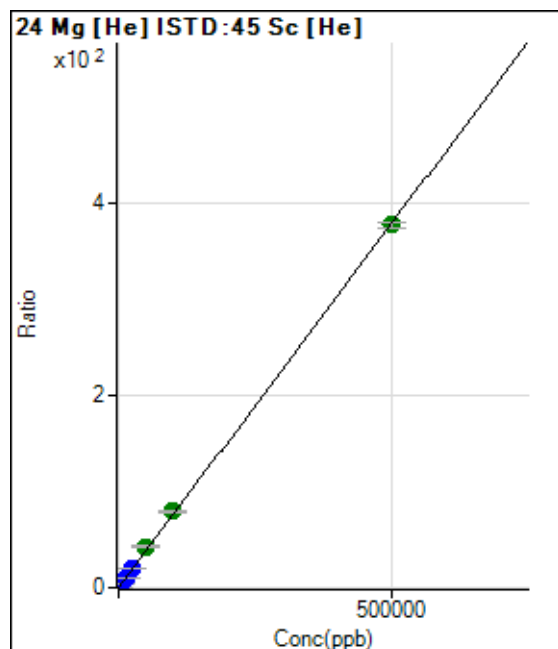
$$R = 1.0000$$

$$DL = 27.22$$

$$BEC = 167.5$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	347.24	0.0068	P	10.9
2	☐	50.000					
3	☐	500.000	476.612	20407.13	0.3681	P	0.6
4	☐	5000.000	5496.285	222663.54	4.1736	P	0.6
5	☐	12500.000	13303.197	547037.22	10.0922	P	4.5
6	☐	25000.000	27208.103	1097232.10	20.6337	P	2.9
7	☐	50000.000	56430.760	2191302.89	42.7879	A	8.0
8	☐	100000.00	105069.52	4243166.41	79.6619	A	3.0
9	☐	500000.00	498207.59	20636849.59	377.7069	A	1.9

$$y = 7.5812\text{E-}004 * x + 0.0068$$

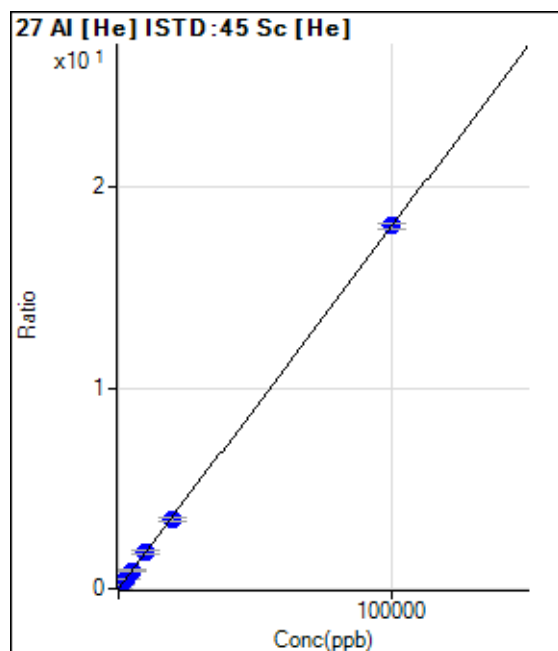
$$R = 0.9999$$

$$DL = 2.913$$

$$BEC = 8.929$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	57.52	0.0011	P	16.2
2	☐	2.000					
3	☐	20.000	19.356	255.07	0.0046	P	18.5
4	☐	1000.000	1007.558	9753.40	0.1828	P	3.1
5	☐	2500.000	2441.534	23935.39	0.4415	P	3.4
6	☐	5000.000	4961.994	47646.23	0.8961	P	3.3
7	☐	10000.000	10132.790	93670.58	1.8287	P	7.6
8	☐	20000.000	19087.303	183405.57	3.4437	P	3.7
9	☐	100000.00	100172.54	987216.97	18.0684	P	1.7

$$y = 1.8036\text{E-}004 * x + 0.0011$$

$$R = 1.0000$$

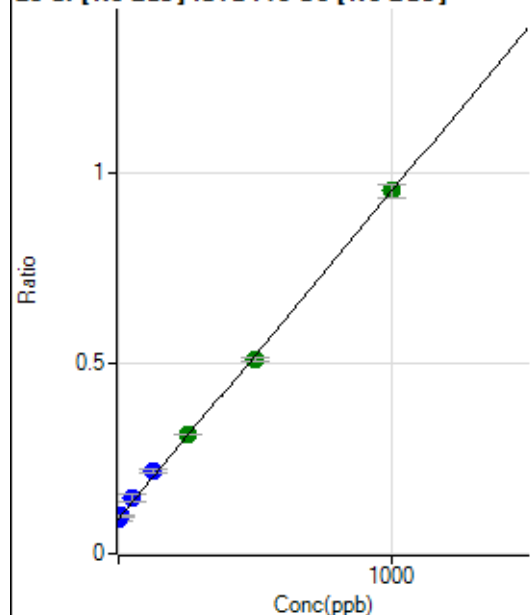
$$DL = 3.017$$

$$BEC = 6.215$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	362947.86	0.0920	P	7.8
2	☐	1.000					
3	☐	10.000	8.648	374102.71	0.0994	P	2.1
4	☐	50.000	63.053	555221.62	0.1463	P	11.9
5	☐	125.000	147.354	846488.24	0.2190	P	3.8
6	☐	250.000	259.122	1241508.08	0.3153	A	0.6
7	☐	500.000	485.782	2105199.72	0.5107	A	1.6
8	☐	1000.000	1001.395	3686885.15	0.9551	A	4.1
9	☐			1025272.74	0.2540	P	8.3

$$y = 8.6198\text{E-}004 * x + 0.0920$$

$$R = 0.9995$$

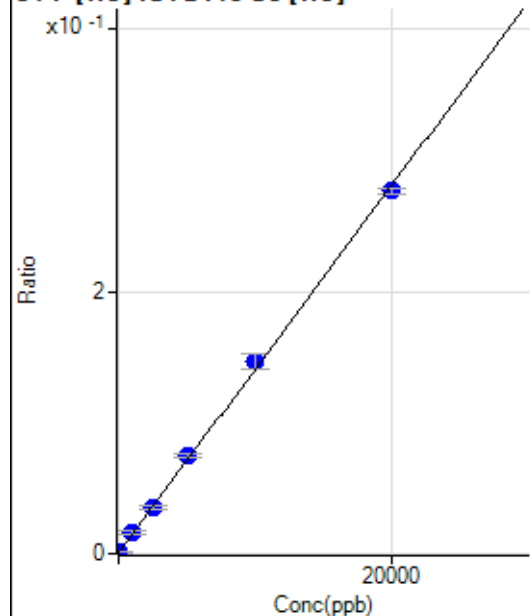
$$DL = 24.83$$

$$BEC = 106.7$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-16.770	22.22	0.0004	P	19.1
2	☐	0.000					
3	☐	0.000	16.770	50.00	0.0009	P	15.1
4	☐	1000.000	1109.439	863.96	0.0162	P	10.2
5	☐	2500.000	2457.816	1902.99	0.0351	P	6.5
6	☐	5000.000	5275.661	3961.85	0.0745	P	4.7
7	☐	10000.000	10439.373	7519.03	0.1468	P	8.1
8	☐	20000.000	19711.199	14741.61	0.2766	P	1.9
9	☐			13.89	0.0003	P	35.0

$$y = 1.4001\text{E-}005 * x + 6.6561\text{E-}004$$

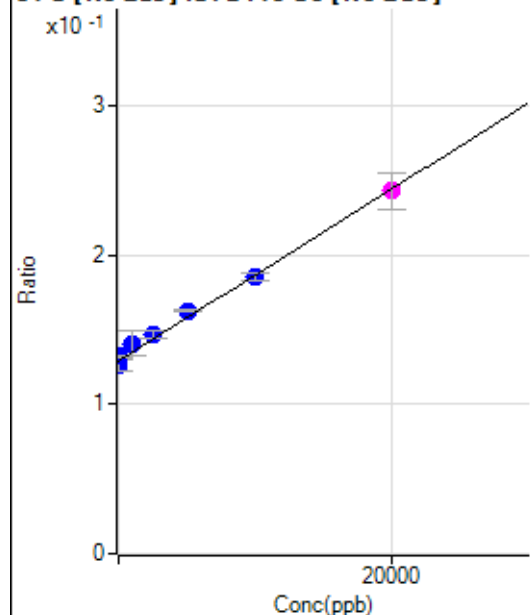
$$R = 0.9995$$

$$DL = 23.39$$

$$BEC = 47.54$$

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	-516.913	498621.57	0.1263	P	6.7
2	☐	0.000					
3	☐	0.000	516.913	497610.10	0.1322	P	1.5
4	☐	1000.000	2019.756	534816.28	0.1409	P	11.5
5	☐	2500.000	3152.927	569951.52	0.1474	P	3.5
6	☐	5000.000	5790.901	640337.76	0.1626	P	0.8
7	☐	10000.000	9805.223	765684.08	0.1858	P	2.7
8	☐	20000.000	19767.059	938379.27	0.2432	M	10.0
9	☐			528111.34	0.1308	P	7.6

$$y = 5.7647\text{E-}006 * x + 0.1293$$

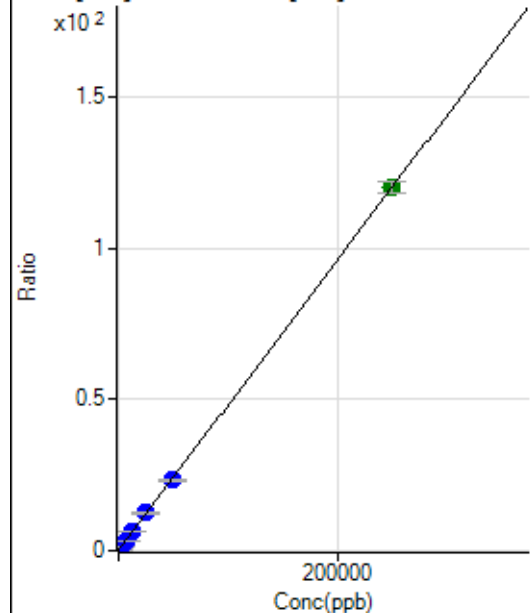
$$R = 0.9971$$

$$DL = 2698$$

$$BEC = 2.242\text{E}+04$$

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	6977.02	0.1359	P	4.0
2	☐	50.000					
3	☐	500.000	402.303	18220.78	0.3287	P	1.7
4	☐	2500.000	2591.113	73506.23	1.3779	P	1.7
5	☐	6250.000	6233.207	169345.91	3.1237	P	3.7
6	☐	12500.000	12618.101	328879.01	6.1842	P	2.6
7	☐	25000.000	25707.286	638284.35	12.4584	P	7.2
8	☐	50000.000	48592.151	1247827.51	23.4281	P	3.2
9	☐	250000.00	250204.64	6559582.70	120.0691	A	3.1

$$y = 4.7934\text{E-}004 * x + 0.1359$$

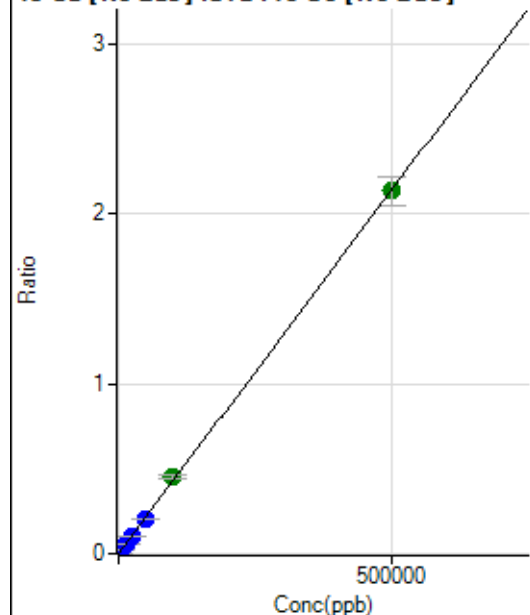
$$R = 1.0000$$

$$DL = 33.72$$

$$BEC = 283.4$$

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	542.24	0.0001	P	4.6
2	☐	50.000					
3	☐	500.000	471.066	8093.58	0.0022	P	0.5
4	☐	5000.000	5109.420	83362.92	0.0220	P	12.3
5	☐	12500.000	12439.811	206073.43	0.0533	P	3.3
6	☐	25000.000	24577.039	414082.90	0.1052	P	1.2
7	☐	50000.000	47357.563	834761.02	0.2025	P	2.7
8	☐	100000.00	105604.36	1742626.88	0.4515	A	4.4
9	☐	500000.00	499164.95	8611151.81	2.1335	A	8.0

$$y = 4.2739\text{E-}006 * x + 1.3719\text{E-}004$$

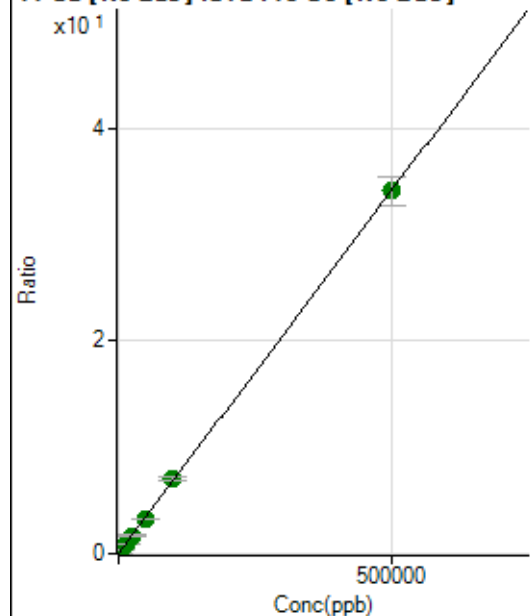
$$R = 0.9999$$

$$DL = 4.453$$

$$BEC = 32.1$$

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	84221.54	0.0213	P	6.2
2	☐	50.000					
3	☐	500.000	476.578	202727.26	0.0539	P	0.3
4	☐	5000.000	5234.807	1435933.94	0.3788	A	13.3
5	☐	12500.000	12514.487	3386734.84	0.8759	A	2.8
6	☐	25000.000	24743.386	6736305.60	1.7110	A	1.3
7	☐	50000.000	47358.642	13416754.38	3.2554	A	2.8
8	☐	100000.00	102728.04	27160627.93	7.0365	A	4.1
9	☐	500000.00	499728.67	137842790.1	34.1474	A	7.7

$$y = 6.8289\text{E-}005 * x + 0.0213$$

$$R = 1.0000$$

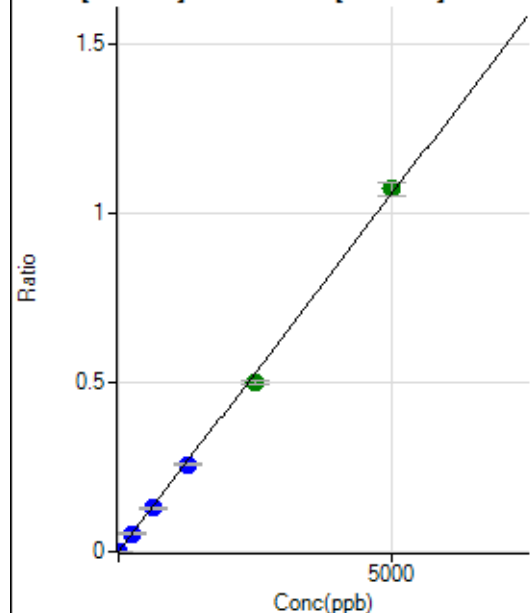
$$DL = 57.61$$

$$BEC = 312.3$$

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	238.91	0.0001	P	10.6
2	☐	0.500					
3	☐	5.000	4.850	4081.35	0.0011	P	8.1
4	☐	250.000	250.937	201362.38	0.0531	P	12.3
5	☐	625.000	613.917	501703.99	0.1298	P	3.4
6	☐	1250.000	1218.459	1013856.40	0.2575	P	1.0
7	☐	2500.000	2372.874	2066602.54	0.5014	A	2.8
8	☐	5000.000	5072.787	4137704.47	1.0719	A	3.9
9	☐			1244.57	0.0003	P	12.4

$$y = 2.1129\text{E-}004 * x + 6.0368\text{E-}005$$

$$R = 0.9995$$

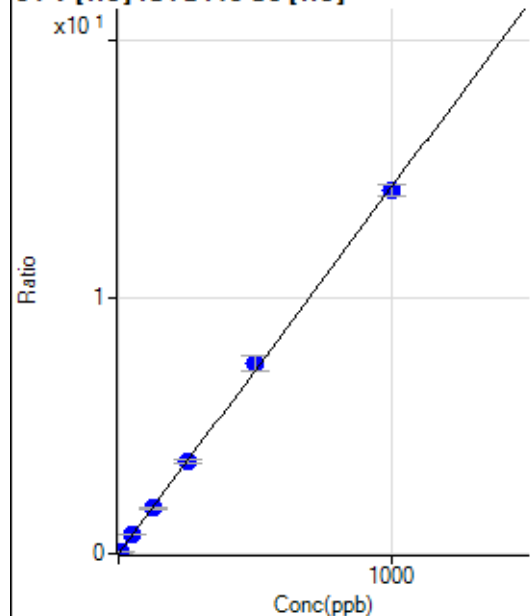
$$DL = 0.09082$$

$$BEC = 0.2857$$

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	24.44	0.0005	P	43.7
2	☐	0.500					
3	☐	5.000	4.729	3776.13	0.0681	P	4.1
4	☐	50.000	50.767	38741.43	0.7262	P	1.0
5	☐	125.000	123.336	95605.65	1.7636	P	3.9
6	☐	250.000	251.738	191391.74	3.5991	P	2.8
7	☐	500.000	519.915	380728.56	7.4326	P	7.6
8	☐	1000.000	989.779	753607.43	14.1493	P	3.3
9	☐			144.45	0.0026	P	11.5

$$y = 0.0143 * x + 4.7834\text{E-}004$$

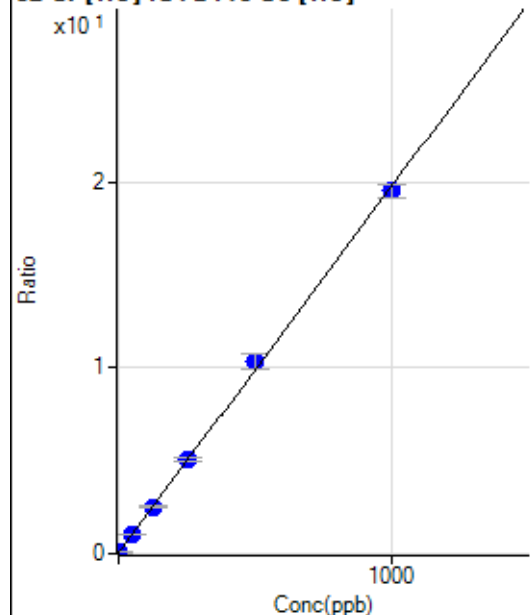
$$R = 0.9997$$

$$DL = 0.04384$$

$$BEC = 0.03346$$

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	2096.86	0.0409	P	6.4
2	☐	0.200					
3	☐	2.000	1.591	4005.08	0.0723	P	6.2
4	☐	50.000	51.215	56126.67	1.0520	P	0.8
5	☐	125.000	124.697	135691.07	2.5029	P	3.6
6	☐	250.000	254.285	269156.06	5.0615	P	2.9
7	☐	500.000	521.977	529889.82	10.3468	P	8.0
8	☐	1000.000	987.918	1041012.79	19.5464	P	3.5
9	☐			18296.62	0.3349	P	2.7

$$y = 0.0197 * x + 0.0409$$

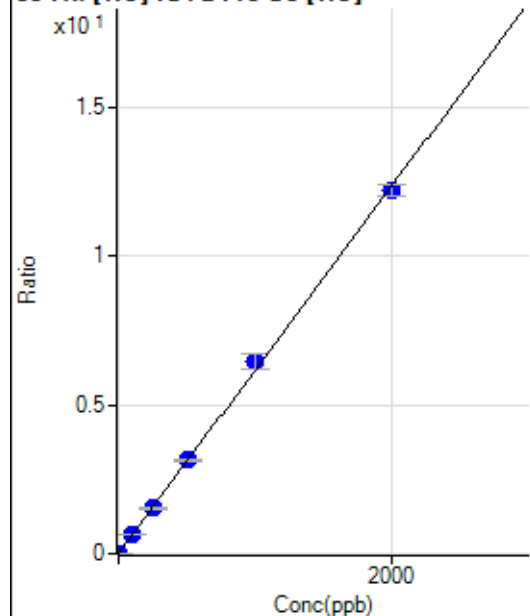
$$R = 0.9996$$

$$DL = 0.3971$$

$$BEC = 2.069$$

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	241.12	0.0047	P	9.0
2	☐	0.100					
3	☐	1.000	0.858	553.35	0.0100	P	5.7
4	☐	100.000	102.602	33971.48	0.6368	P	1.2
5	☐	250.000	248.936	83383.84	1.5383	P	4.4
6	☐	500.000	507.281	166442.89	3.1299	P	2.7
7	☐	1000.000	1045.968	330374.85	6.4485	P	7.2
8	☐	2000.000	1975.199	648368.89	12.1731	P	3.2
9	☐			3897.28	0.0713	P	6.6

$$y = 0.0062 * x + 0.0047$$

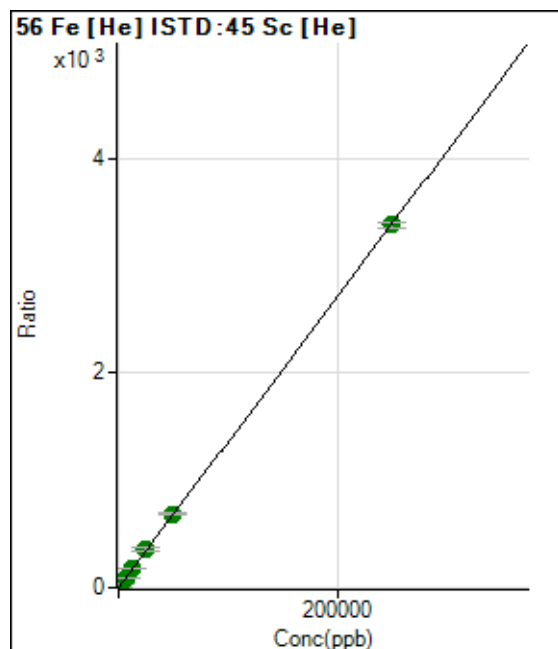
$$R = 0.9996$$

$$DL = 0.2057$$

$$BEC = 0.763$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8189.67	0.1595	P	4.3
2	☐	5.000					
3	☐	50.000	48.664	45370.62	0.8187	P	3.1
4	☐	2500.000	2671.625	1939023.29	36.3465	A	1.1
5	☐	6250.000	6416.801	4719966.48	87.0748	A	4.3
6	☐	12500.000	12873.271	9281340.60	174.5274	A	2.7
7	☐	25000.000	26636.711	18491644.39	360.9526	A	7.3
8	☐	50000.000	50324.737	36318291.55	681.8059	A	2.6
9	☐	250000.00	249746.83	184844393.0	3,382.969	A	1.3

$$y = 0.0135 * x + 0.1595$$

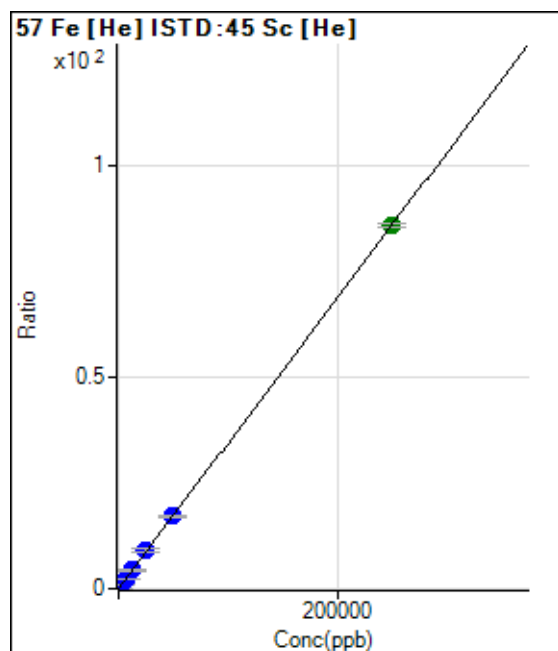
$$R = 1.0000$$

$$DL = 1.516$$

$$BEC = 11.78$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	264.82	0.0051	P	11.3
2	☐	5.000					
3	☐	50.000	49.615	1227.87	0.0222	P	9.3
4	☐	2500.000	2566.079	47239.75	0.8855	P	1.9
5	☐	6250.000	6319.798	117825.21	2.1733	P	3.6
6	☐	12500.000	12786.230	233481.27	4.3917	P	4.1
7	☐	25000.000	26324.085	462868.56	9.0361	P	7.5
8	☐	50000.000	49816.326	910607.87	17.0956	P	2.9
9	☐	250000.00	249887.60	4684629.96	85.7340	A	0.9

$$y = 3.4307E-004 * x + 0.0051$$

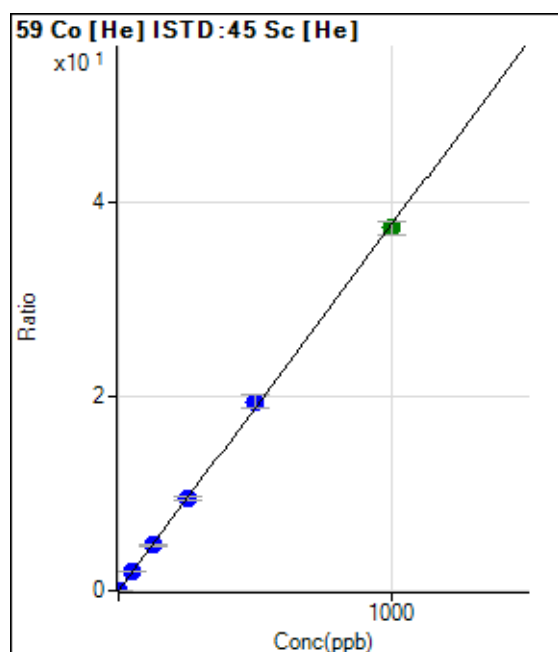
$$R = 1.0000$$

$$DL = 5.082$$

$$BEC = 14.99$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	223.34	0.0044	P	11.4
2	☐	0.100					
3	☐	1.000	0.879	2077.97	0.0375	P	3.8
4	☐	50.000	51.329	103510.72	1.9404	P	1.9
5	☐	125.000	123.798	253390.67	4.6737	P	3.4
6	☐	250.000	252.005	505680.32	9.5094	P	2.9
7	☐	500.000	516.510	998169.89	19.4860	P	7.5
8	☐	1000.000	991.328	1991663.76	37.3950	A	3.4
9	☐			24153.38	0.4421	P	1.7

$$y = 0.0377 * x + 0.0044$$

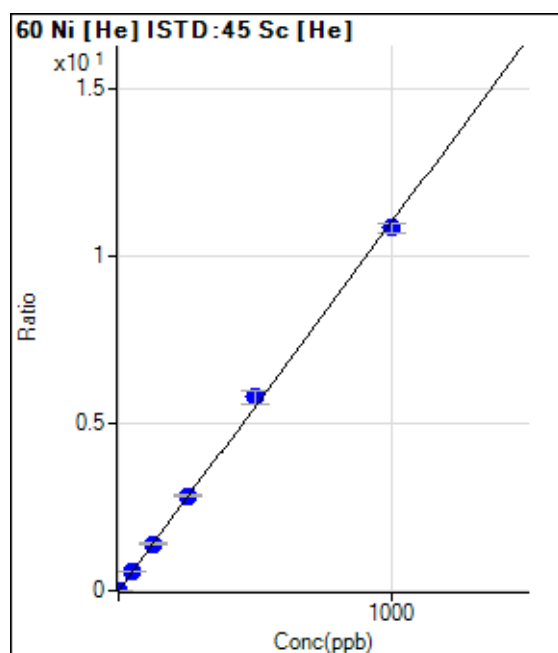
$$R = 0.9998$$

$$DL = 0.03959$$

$$BEC = 0.1154$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	145.56	0.0028	P	14.2
2	☐	0.100					
3	☐	1.000	0.969	746.70	0.0135	P	12.6
4	☐	50.000	51.720	30502.48	0.5718	P	1.0
5	☐	125.000	127.294	76059.51	1.4031	P	4.0
6	☐	250.000	258.095	151108.25	2.8419	P	3.4
7	☐	500.000	525.657	296407.26	5.7851	P	7.0
8	☐	1000.000	984.775	577157.68	10.8354	P	2.8
9	☐			11444.89	0.2094	P	0.5

$$y = 0.0110 * x + 0.0028$$

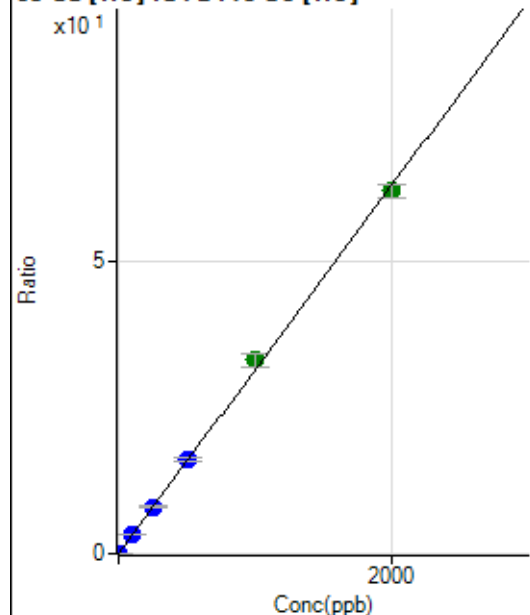
$$R = 0.9995$$

$$DL = 0.1094$$

$$BEC = 0.257$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	291.12	0.0057	P	11.6
2	☐	0.200					
3	☐	2.000	1.778	3411.59	0.0616	P	4.9
4	☐	100.000	103.066	173176.12	3.2462	P	1.3
5	☐	250.000	251.428	428833.47	7.9109	P	4.1
6	☐	500.000	510.831	854325.33	16.0668	P	3.3
7	☐	1000.000	1051.595	1694772.77	33.0690	A	6.5
8	☐	2000.000	1971.163	3300938.29	61.9813	A	3.7
9	☐			4974.31	0.0910	P	0.3

$$y = 0.0314 * x + 0.0057$$

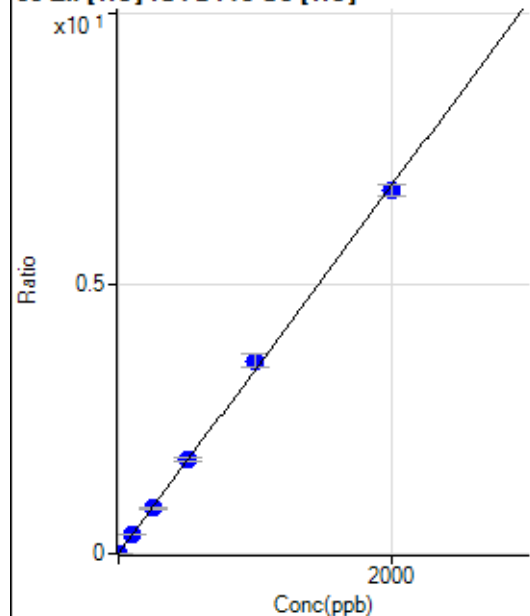
$$R = 0.9995$$

$$DL = 0.06308$$

$$BEC = 0.1806$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	112.23	0.0022	P	14.3
2	☐	0.200					
3	☐	2.000	2.138	524.46	0.0095	P	9.5
4	☐	100.000	102.969	18815.19	0.3527	P	1.0
5	☐	250.000	247.112	45714.14	0.8433	P	4.1
6	☐	500.000	513.428	93027.00	1.7498	P	4.1
7	☐	1000.000	1049.911	183191.16	3.5759	P	7.3
8	☐	2000.000	1971.900	357612.65	6.7142	P	3.3
9	☐			3658.33	0.0670	P	3.1

$$y = 0.0034 * x + 0.0022$$

$$R = 0.9995$$

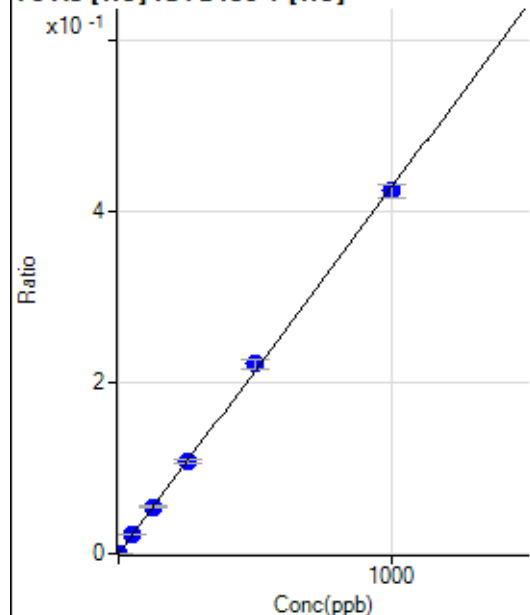
$$DL = 0.2753$$

$$BEC = 0.6428$$

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	3.09	0.0000	P	68.5
2	☐	0.100					
3	☐	1.000	0.981	134.57	0.0004	P	8.1
4	☐	50.000	53.317	6836.93	0.0228	P	1.5
5	☐	125.000	128.108	16553.82	0.0549	P	4.5
6	☐	250.000	250.647	32803.73	0.1073	P	4.3
7	☐	500.000	517.635	65609.00	0.2216	P	5.3
8	☐	1000.000	990.466	130170.50	0.4240	P	3.4
9	☐			208.64	0.0007	P	17.0

$$y = 4.2807\text{E-}004 * x + 1.0590\text{E-}005$$

$$R = 0.9998$$

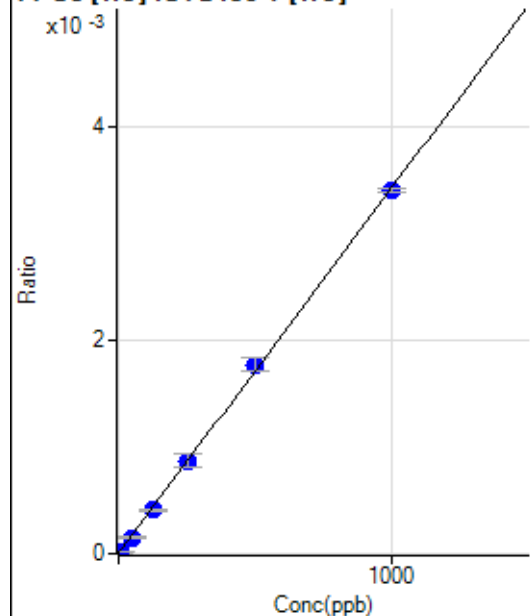
$$DL = 0.05086$$

$$BEC = 0.02474$$

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	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	4.037	5.55	0.0000	P	66.8
4	☐	50.000	43.429	45.55	0.0002	P	7.5
5	☐	125.000	118.594	123.34	0.0004	P	4.5
6	☐	250.000	252.730	264.45	0.0009	P	15.0
7	☐	500.000	515.563	523.35	0.0018	P	7.2
8	☐	1000.000	992.670	1042.28	0.0034	P	1.2
9	☐			5.55	0.0000	P	71.6

$$y = 3.4141\text{E-}006 * x + 3.7868\text{E-}006$$

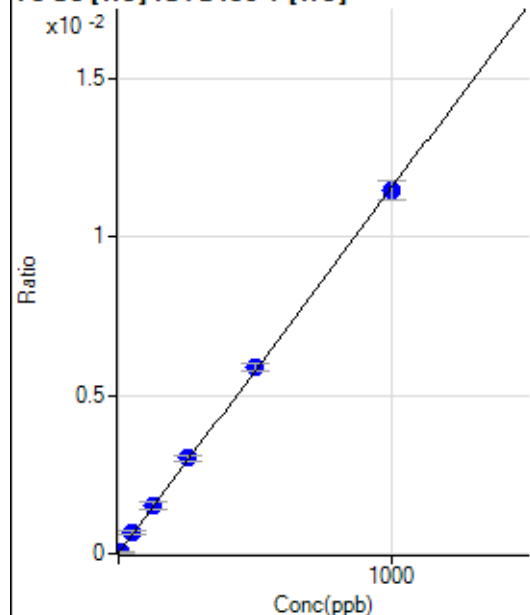
$$R = 0.9998$$

$$DL = 5.763$$

$$BEC = 1.109$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.08	0.0000	P	36.0
2	☐	0.500					
3	☐	5.000	3.194	14.81	0.0000	P	79.0
4	☐	50.000	57.143	200.62	0.0007	P	11.4
5	☐	125.000	129.142	451.25	0.0015	P	14.5
6	☐	250.000	260.363	921.03	0.0030	P	4.9
7	☐	500.000	509.141	1743.96	0.0059	P	3.8
8	☐	1000.000	991.973	3512.83	0.0114	P	5.3
9	☐			3.09	0.0000	P	66.2

$$y = 1.1529\text{E-}005 * x + 1.0663\text{E-}005$$

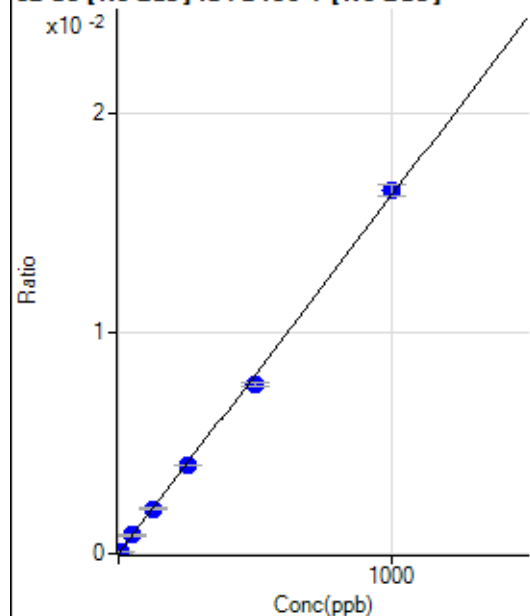
$$R = 0.9999$$

$$DL = 0.9999$$

$$BEC = 0.9249$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-104.54	0.0000	P	-19.
2	☐	0.500					
3	☐	5.000	5.428	350.26	0.0001	P	3.6
4	☐	50.000	52.360	4248.56	0.0008	P	11.9
5	☐	125.000	124.796	10668.47	0.0020	P	4.1
6	☐	250.000	247.421	21783.50	0.0040	P	0.9
7	☐	500.000	474.369	44285.37	0.0077	P	2.5
8	☐	1000.000	1013.365	89713.10	0.0165	P	3.3
9	☐			-26.80	0.0000	P	-90.

$$y = 1.6297\text{E-}005 * x - 2.0017\text{E-}005$$

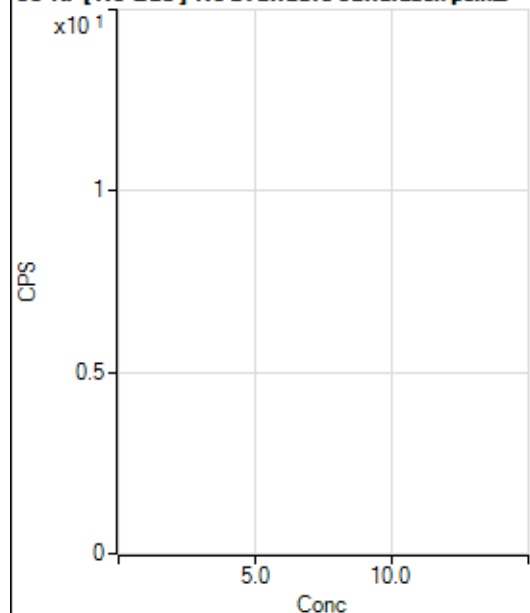
$$R = 0.9995$$

$$DL = 0.7001$$

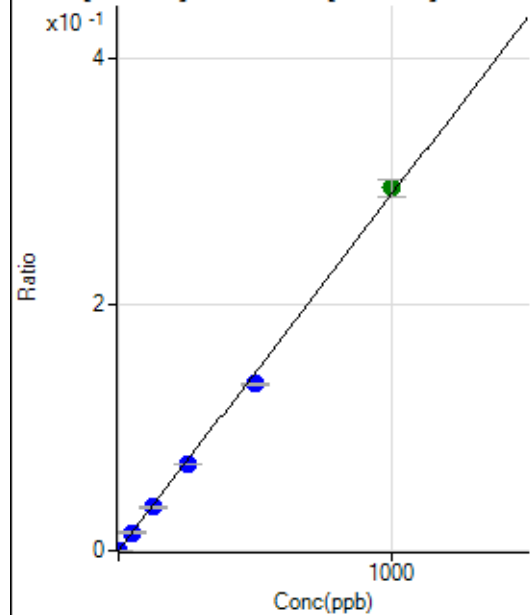
$$BEC = -1.228$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			622.25		P	4.2
2	☐						
3	☐			618.92		P	2.2
4	☐			614.47		P	8.4
5	☐			630.03		P	5.5
6	☐			635.58		P	9.3
7	☐			660.03		P	3.5
8	☐			617.80		P	9.4
9	☐			625.58		P	1.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	786.17	0.0002	P	12.4
2	☐	0.100					
3	☐	1.000	0.907	2116.93	0.0004	P	8.2
4	☐	50.000	50.410	75050.88	0.0147	P	11.1
5	☐	125.000	122.295	187963.84	0.0355	P	2.6
6	☐	250.000	242.168	380515.76	0.0701	P	1.2
7	☐	500.000	466.841	775274.23	0.1350	P	1.9
8	☐	1000.000	1018.855	1600835.47	0.2944	A	4.5
9	☐			7797.02	0.0014	P	8.2

$$y = 2.8880E-004 * x + 1.5175E-004$$

$$R = 0.9992$$

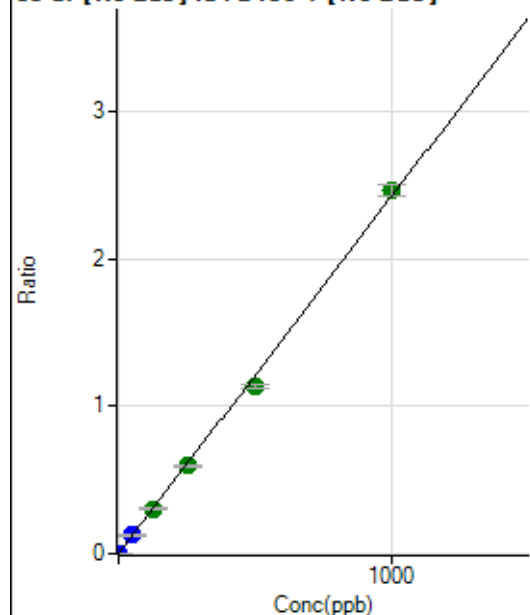
$$DL = 0.1951$$

$$BEC = 0.5255$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	77.78	0.0000	P	21.2
2	☐	0.100					
3	☐	1.000	0.927	11591.49	0.0023	P	1.9
4	☐	50.000	51.202	633423.45	0.1242	P	11.8
5	☐	125.000	125.128	1608703.25	0.3036	A	2.7
6	☐	250.000	247.217	3255856.23	0.5998	A	2.1
7	☐	500.000	469.476	6541704.96	1.1390	A	2.3
8	☐	1000.000	1015.882	13404498.74	2.4646	A	3.3
9	☐			59494.65	0.0107	P	6.5

$$y = 0.0024 * x + 1.5064E-005$$

$$R = 0.9993$$

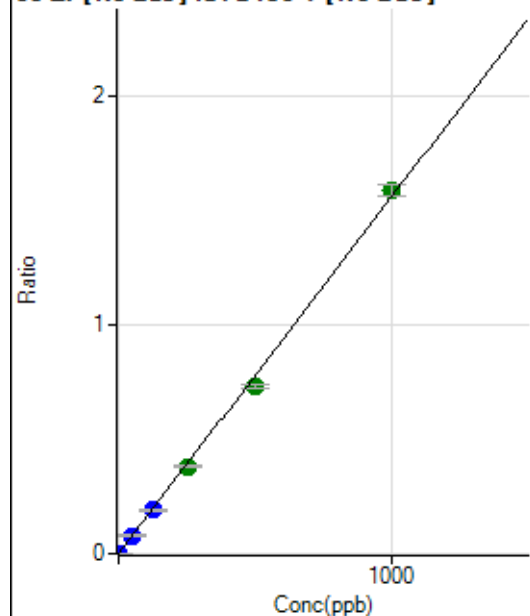
$$DL = 0.003948$$

$$BEC = 0.006209$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	405.58	0.0001	P	19.0
2	☐	0.100					
3	☐	1.000	0.927	7785.93	0.0015	P	8.1
4	☐	50.000	50.171	398522.26	0.0782	P	11.9
5	☐	125.000	122.068	1007145.78	0.1901	P	3.0
6	☐	250.000	244.728	2068189.33	0.3810	A	1.9
7	☐	500.000	469.243	4195151.14	0.7304	A	2.5
8	☐	1000.000	1017.055	8610158.27	1.5831	A	3.3
9	☐			3745.12	0.0007	P	9.7

$$y = 0.0016 * x + 7.8002E-005$$

$$R = 0.9993$$

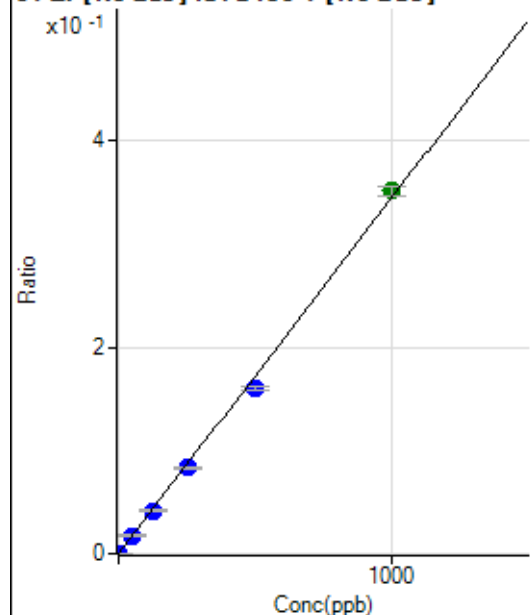
$$DL = 0.02859$$

$$BEC = 0.05012$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	61.8
2	☐	0.100					
3	☐	1.000	0.844	1577.95	0.0003	P	5.1
4	☐	50.000	49.485	86980.25	0.0171	P	12.3
5	☐	125.000	120.651	220316.13	0.0416	P	3.3
6	☐	250.000	241.706	452115.27	0.0833	P	1.6
7	☐	500.000	464.874	919890.26	0.1602	P	2.2
8	☐	1000.000	1020.206	1911806.57	0.3515	A	2.7
9	☐			772.28	0.0001	P	9.4

$$y = 3.4448\text{E-}004 * x + 1.7673\text{E-}005$$

$$R = 0.9991$$

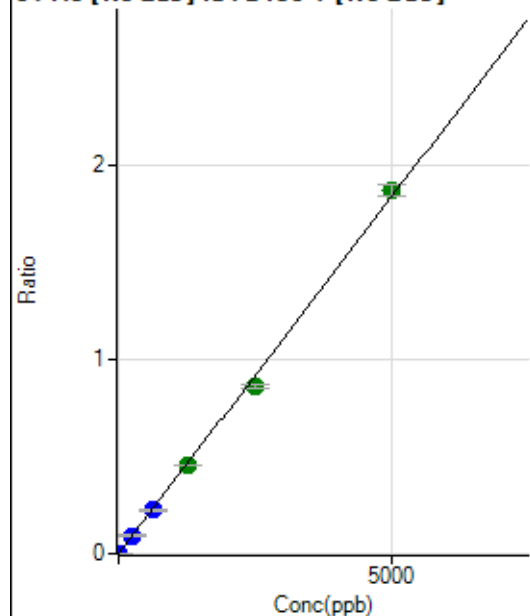
$$DL = 0.09518$$

$$BEC = 0.0513$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	166.67	0.0000	P	19.8
2	☐	0.500					
3	☐	5.000	4.643	8911.63	0.0017	P	2.5
4	☐	250.000	252.861	474933.05	0.0931	P	11.7
5	☐	625.000	610.890	1192049.23	0.2250	P	3.4
6	☐	1250.000	1233.429	2466058.37	0.4542	A	1.0
7	☐	2500.000	2340.874	4951239.30	0.8620	A	1.9
8	☐	5000.000	5085.327	10185123.32	1.8726	A	3.2
9	☐			6115.54	0.0011	P	2.2

$$y = 3.6823\text{E-}004 * x + 3.1803\text{E-}005$$

$$R = 0.9992$$

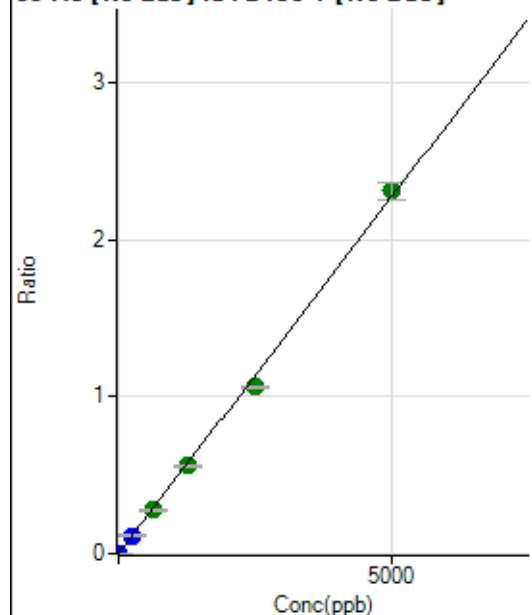
$$DL = 0.05132$$

$$BEC = 0.08637$$

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	19.44	0.0000	P	68.9
2	☐	0.500					
3	☐	5.000	4.835	11260.74	0.0022	P	0.3
4	☐	250.000	248.738	576021.89	0.1130	P	11.8
5	☐	625.000	614.603	1479254.36	0.2792	A	2.8
6	☐	1250.000	1236.015	3047633.10	0.5614	A	1.8
7	☐	2500.000	2336.677	6096002.61	1.0613	A	1.8
8	☐	5000.000	5086.521	12562672.50	2.3103	A	4.5
9	☐			8589.21	0.0015	P	6.5

$$y = 4.5419E-004 * x + 3.8244E-006$$

$$R = 0.9992$$

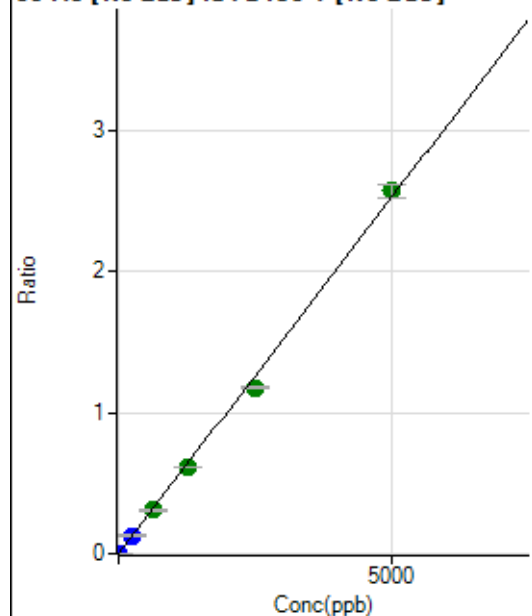
$$DL = 0.0174$$

$$BEC = 0.00842$$

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	80.56	0.0000	P	74.8
2	☐	0.500					
3	☐	5.000	4.771	12422.92	0.0024	P	1.5
4	☐	250.000	249.334	642630.81	0.1260	P	11.8
5	☐	625.000	616.372	1650709.08	0.3116	A	3.9
6	☐	1250.000	1215.889	3336503.46	0.6146	A	1.6
7	☐	2500.000	2332.261	6771153.71	1.1789	A	1.9
8	☐	5000.000	5093.510	14001791.11	2.5746	A	3.7
9	☐			10346.11	0.0019	P	5.2

$$y = 5.0545E-004 * x + 1.5486E-005$$

$$R = 0.9991$$

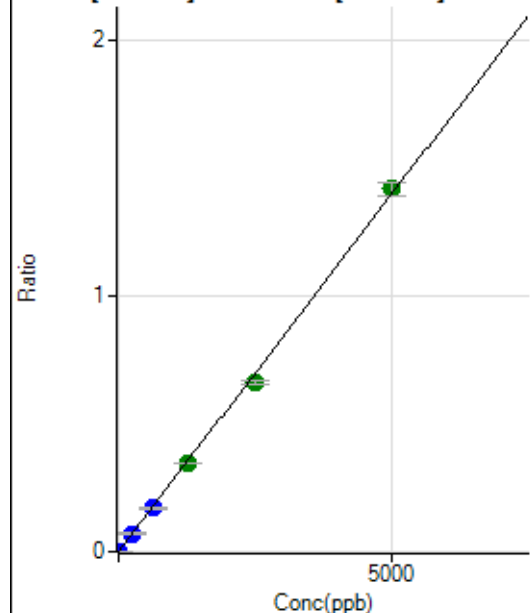
$$DL = 0.06872$$

$$BEC = 0.03064$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0000	P	17.2
2	☐	0.500					
3	☐	5.000	4.847	7027.12	0.0014	P	4.5
4	☐	250.000	252.000	359021.12	0.0704	P	12.0
5	☐	625.000	609.173	901892.01	0.1702	P	3.3
6	☐	1250.000	1235.045	1873376.60	0.3451	A	1.3
7	☐	2500.000	2357.767	3783523.00	0.6587	A	2.4
8	☐	5000.000	5076.734	7714390.45	1.4184	A	3.4
9	☐			5370.77	0.0010	P	7.4

$$y = 2.7939E-004 * x + 1.9304E-005$$

$$R = 0.9994$$

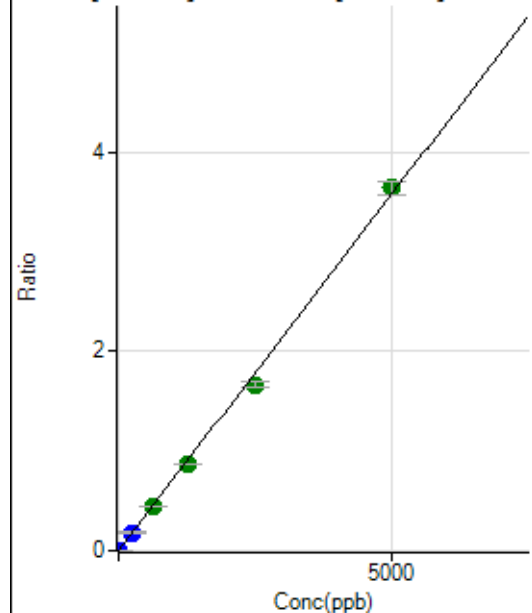
$$DL = 0.03573$$

$$BEC = 0.06909$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	22.6
2	☐	0.500					
3	☐	5.000	4.729	17342.32	0.0034	P	2.2
4	☐	250.000	249.714	909852.71	0.1785	P	11.8
5	☐	625.000	619.611	2346171.99	0.4428	A	3.2
6	☐	1250.000	1224.871	4752360.92	0.8753	A	0.2
7	☐	2500.000	2329.403	9560030.34	1.6646	A	2.8
8	☐	5000.000	5092.269	19790292.63	3.6389	A	3.7
9	☐			13718.67	0.0025	P	6.8

$$y = 7.1459E-004 * x + 9.5310E-006$$

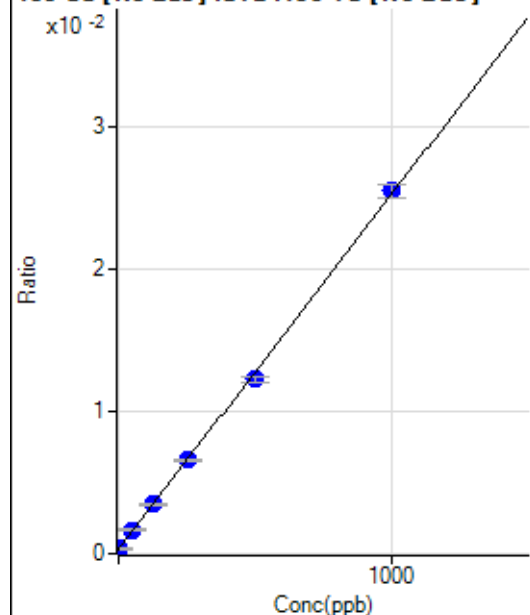
$$R = 0.9991$$

$$DL = 0.009061$$

$$BEC = 0.01334$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1455.71	0.0003	P	6.9
2	☐	0.100					
3	☐	1.000	1.566	1602.95	0.0004	P	13.8
4	☐	50.000	53.715	7519.11	0.0017	P	11.4
5	☐	125.000	127.932	16635.90	0.0035	P	3.8
6	☐	250.000	252.283	32512.54	0.0066	P	2.4
7	☐	500.000	478.217	64415.91	0.0123	P	3.7
8	☐	1000.000	1009.768	131907.16	0.0255	P	4.0
9	☐			1550.16	0.0003	P	6.7

$$y = 2.4968\text{E-}005 * x + 3.1926\text{E-}004$$

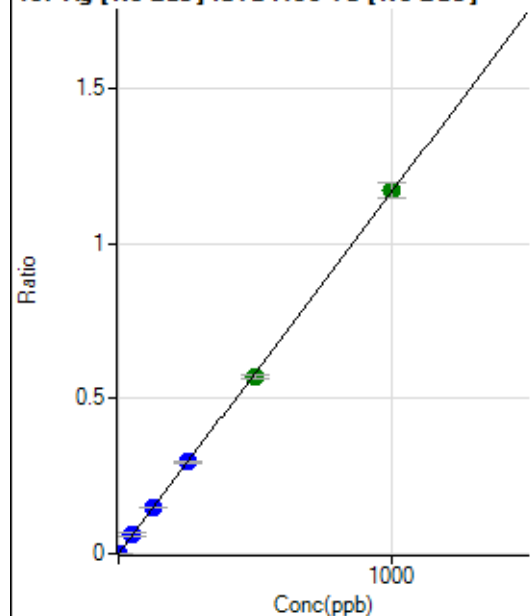
$$R = 0.9996$$

$$DL = 2.639$$

$$BEC = 12.79$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	38.89	0.0000	P	56.4
2	☐	0.100					
3	☐	1.000	1.000	5256.84	0.0012	P	3.1
4	☐	50.000	53.402	281810.32	0.0622	P	11.4
5	☐	125.000	128.406	708670.86	0.1496	P	2.5
6	☐	250.000	254.057	1454427.24	0.2961	P	2.2
7	☐	500.000	489.755	2999115.22	0.5707	A	2.9
8	☐	1000.000	1003.512	6041502.35	1.1694	A	4.1
9	☐			622.27	0.0001	P	8.6

$$y = 0.0012 * x + 8.5604\text{E-}006$$

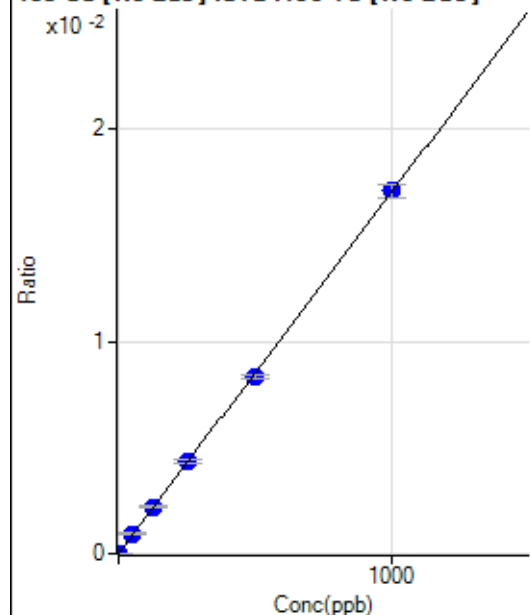
$$R = 0.9999$$

$$DL = 0.01242$$

$$BEC = 0.007346$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.00	0.0000	P	36.0
2	☐	0.100					
3	☐	1.000	1.030	102.78	0.0000	P	37.9
4	☐	50.000	53.885	4178.53	0.0009	P	10.2
5	☐	125.000	129.496	10454.29	0.0022	P	3.3
6	☐	250.000	253.800	21226.75	0.0043	P	3.7
7	☐	500.000	489.239	43755.96	0.0083	P	2.5
8	☐	1000.000	1003.674	88219.61	0.0171	P	3.8
9	☐			33.34	0.0000	P	27.8

$$y = 1.7006\text{E-}005 * x + 5.5040\text{E-}006$$

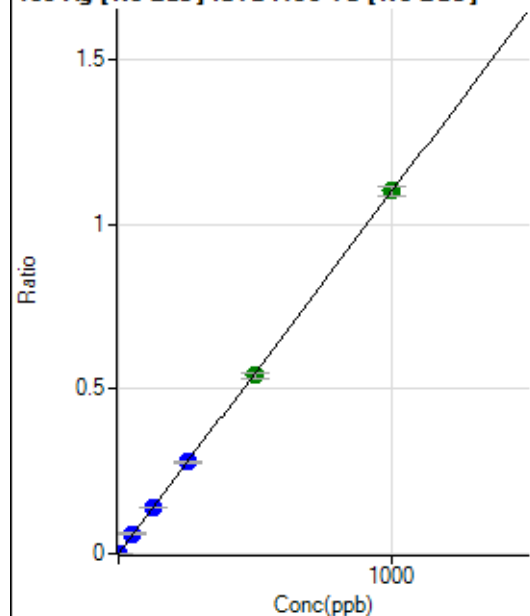
$$R = 0.9999$$

$$DL = 0.3496$$

$$BEC = 0.3236$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.23	0.0000	P	28.6
2	☐	0.100					
3	☐	1.000	1.033	5126.23	0.0011	P	4.8
4	☐	50.000	53.757	267156.52	0.0590	P	11.6
5	☐	125.000	128.306	667038.27	0.1408	P	2.4
6	☐	250.000	253.312	1366103.77	0.2781	P	1.7
7	☐	500.000	492.263	2839481.51	0.5403	A	2.9
8	☐	1000.000	1002.440	5686103.77	1.1003	A	3.0
9	☐			477.81	0.0001	P	15.5

$$y = 0.0011 * x + 1.0373\text{E-}005$$

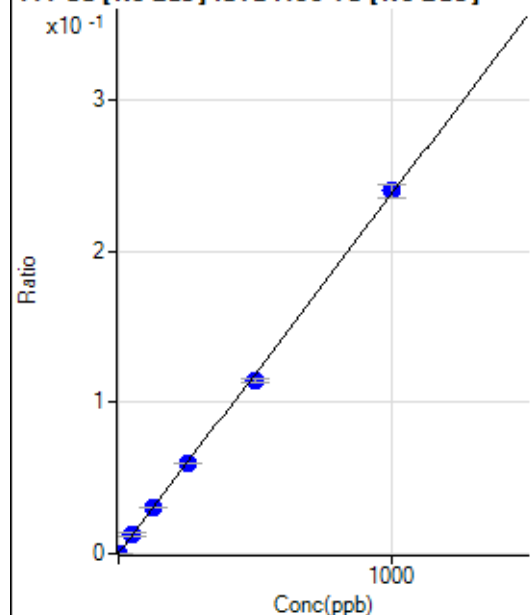
$$R = 0.9999$$

$$DL = 0.008104$$

$$BEC = 0.00945$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1005.66	0.0002	P	5.9
2	☐	0.100					
3	☐	1.000	1.024	2076.57	0.0005	P	11.0
4	☐	50.000	53.070	58138.52	0.0128	P	12.2
5	☐	125.000	126.868	144012.80	0.0304	P	2.5
6	☐	250.000	250.895	294407.86	0.0599	P	1.5
7	☐	500.000	481.006	602621.61	0.1147	P	3.1
8	☐	1000.000	1008.886	1241559.47	0.2403	P	3.6
9	☐			1204.83	0.0002	P	5.7

$$y = 2.3795E-004 * x + 2.2054E-004$$

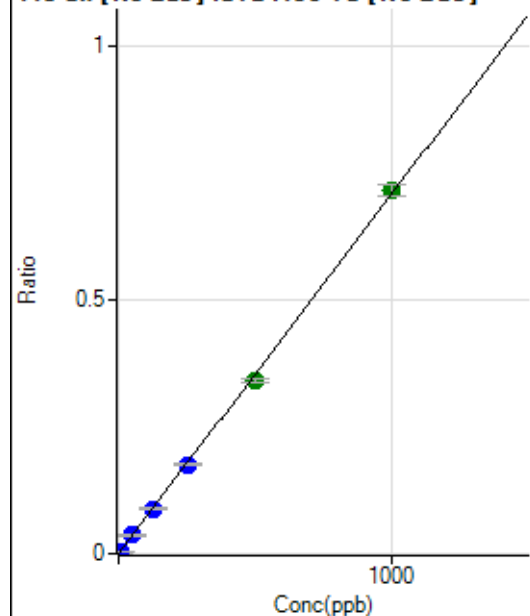
$$R = 0.9997$$

$$DL = 0.1653$$

$$BEC = 0.9268$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	261.13	0.0001	P	7.6
2	☐	0.500					
3	☐	5.000	4.955	15954.61	0.0036	P	3.9
4	☐	50.000	51.390	164821.44	0.0364	P	12.5
5	☐	125.000	124.774	418461.44	0.0884	P	3.3
6	☐	250.000	248.082	862985.57	0.1756	P	1.7
7	☐	500.000	482.056	1793295.76	0.3413	A	2.9
8	☐	1000.000	1009.411	3692065.92	0.7145	A	3.3
9	☐			3295.00	0.0006	P	3.4

$$y = 7.0779E-004 * x + 5.7042E-005$$

$$R = 0.9998$$

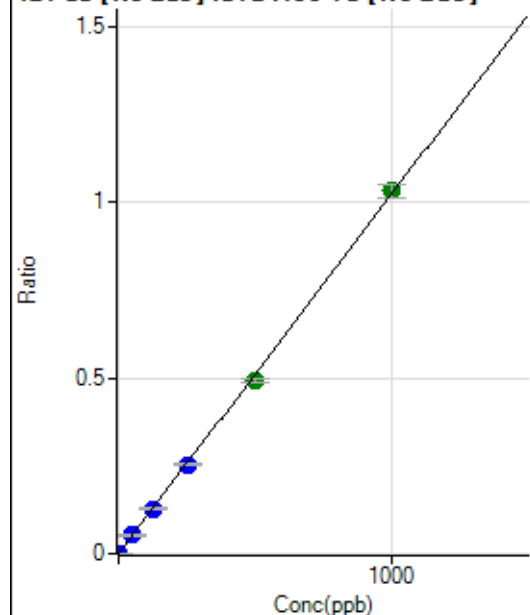
$$DL = 0.01846$$

$$BEC = 0.08059$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	40.8
2	☐	0.200					
3	☐	2.000	1.806	8316.87	0.0019	P	3.9
4	☐	50.000	51.048	236124.12	0.0522	P	12.8
5	☐	125.000	124.673	603757.62	0.1275	P	2.4
6	☐	250.000	247.567	1243534.49	0.2531	P	2.4
7	☐	500.000	482.663	2593680.48	0.4935	A	2.3
8	☐	1000.000	1009.266	5332088.49	1.0319	A	3.5
9	☐			7027.19	0.0014	P	5.3

$$y = 0.0010 * x + 1.1692E-005$$

$$R = 0.9998$$

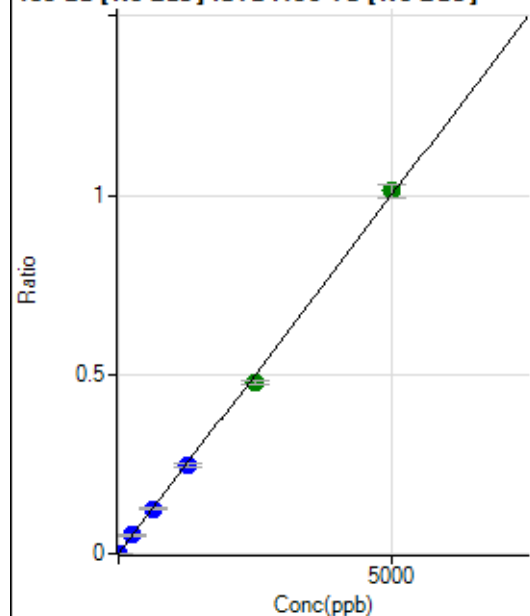
$$DL = 0.01399$$

$$BEC = 0.01143$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	17.9
2	☐	1.000					
3	☐	10.000	9.591	8681.03	0.0019	P	4.6
4	☐	250.000	256.832	232389.65	0.0514	P	12.8
5	☐	625.000	622.553	589656.69	0.1245	P	2.8
6	☐	1250.000	1232.504	1210775.84	0.2465	P	2.9
7	☐	2500.000	2387.649	2509171.19	0.4775	A	3.0
8	☐	5000.000	5060.515	5228720.39	1.0120	A	3.8
9	☐			744.50	0.0001	P	19.2

$$y = 1.9998E-004 * x + 2.0151E-005$$

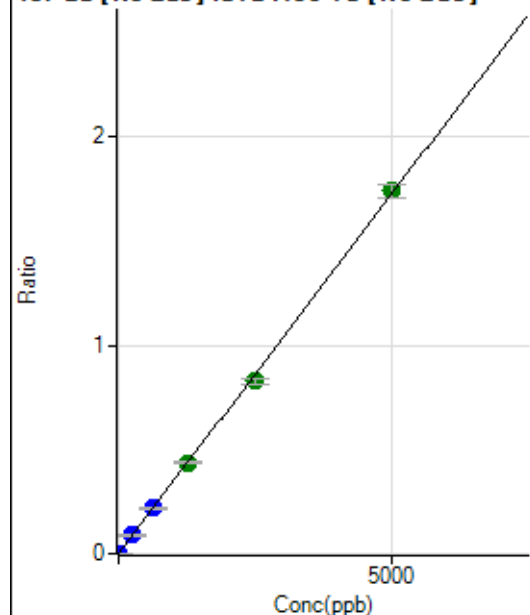
$$R = 0.9996$$

$$DL = 0.05409$$

$$BEC = 0.1008$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	97.23	0.0000	P	48.8
2	☐	1.000					
3	☐	10.000	9.838	15301.13	0.0034	P	1.5
4	☐	250.000	260.527	406973.08	0.0899	P	12.1
5	☐	625.000	628.998	1028079.74	0.2171	P	3.0
6	☐	1250.000	1258.777	2134388.40	0.4344	A	1.9
7	☐	2500.000	2400.300	4353484.38	0.8284	A	2.9
8	☐	5000.000	5046.630	8999197.16	1.7417	A	3.5
9	☐			1280.68	0.0003	P	22.4

$$y = 3.4511\text{E-}004 * x + 2.1403\text{E-}005$$

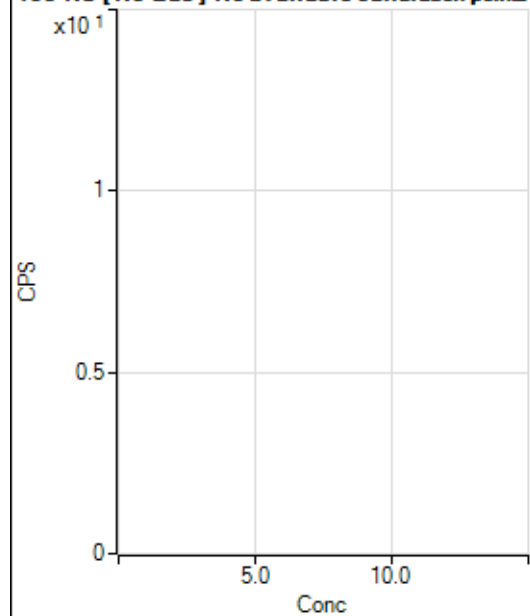
$$R = 0.9997$$

$$DL = 0.09079$$

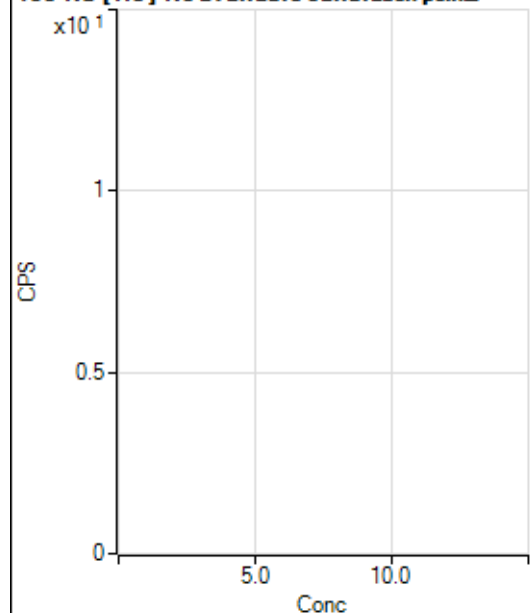
$$BEC = 0.06202$$

Weight: <None>

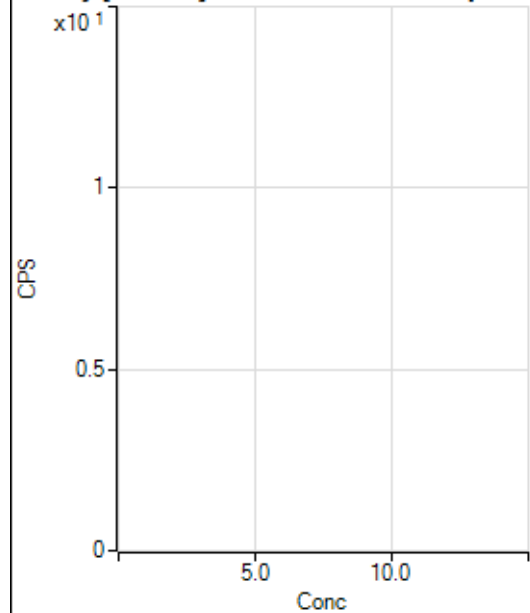
Min Conc: 0

150 Nd [No Gas] No available calibration points

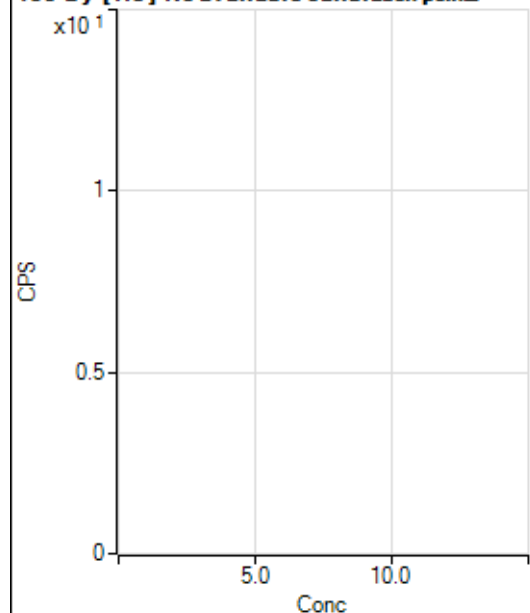
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	173.
2	☐						
3	☐			4.45		P	86.6
4	☐			26.67		P	50.0
5	☐			35.56		P	39.0
6	☐			51.12		P	7.5
7	☐			75.56		P	31.0
8	☐			217.79		P	25.5
9	☐			80.01		P	28.9

150 Nd [He] No available calibration points

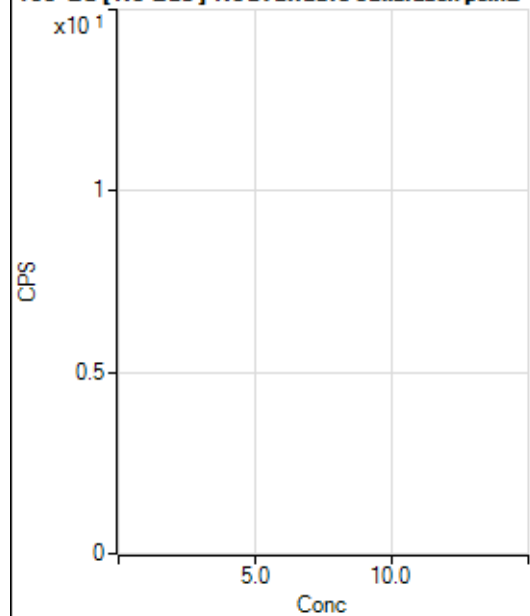
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.
4	☐			0.00		P	
5	☐			1.11		P	173.
6	☐			2.22		P	86.6
7	☐			5.56		P	34.7
8	☐			8.89		P	78.1
9	☐			14.44		P	58.1

156 Dy [No Gas] No available calibration points

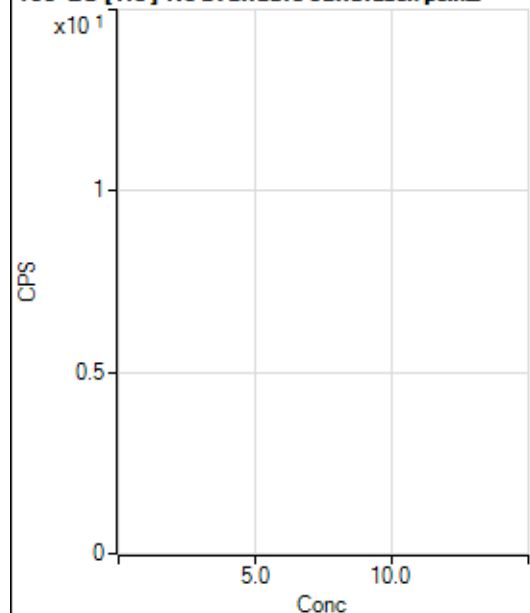
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	75.8
2	☐						
3	☐			58.33		P	51.5
4	☐			63.89		P	49.4
5	☐			72.23		P	54.5
6	☐			77.78		P	22.3
7	☐			88.89		P	32.9
8	☐			105.56		P	25.4
9	☐			41.67		P	0.0

156 Dy [He] No available calibration points

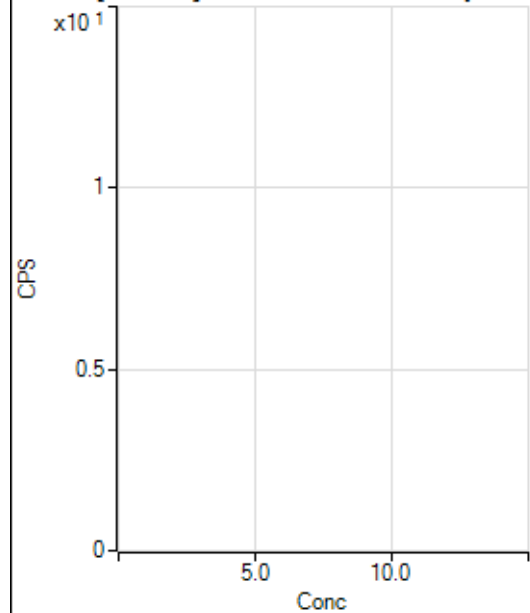
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	124.
2	☐						
3	☐			3.33		P	100.
4	☐			3.33		P	100.
5	☐			2.22		P	86.6
6	☐			3.33		P	100.
7	☐			6.67		P	100.
8	☐			4.45		P	86.6
9	☐			13.33		P	25.0

160 Gd [No Gas] Noavailable calibration poin_

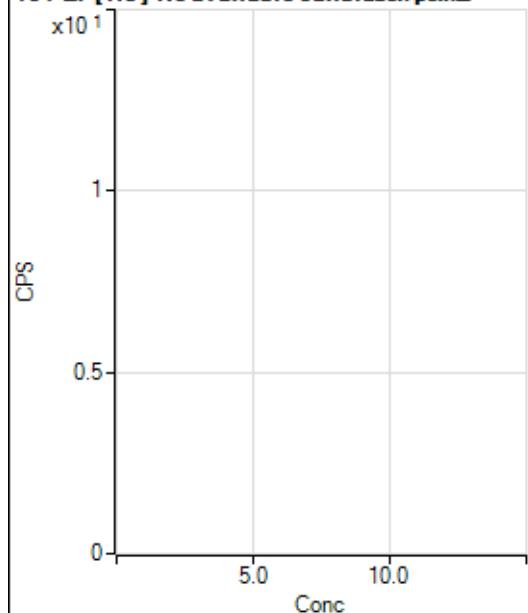
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			69.45		P	54.1
2	☐						
3	☐			52.78		P	24.1
4	☐			38.89		P	32.7
5	☐			55.56		P	17.3
6	☐			41.67		P	34.6
7	☐			66.67		P	57.3
8	☐			77.78		P	22.3
9	☐			86.11		P	49.7

160 Gd [He] No available calibration points

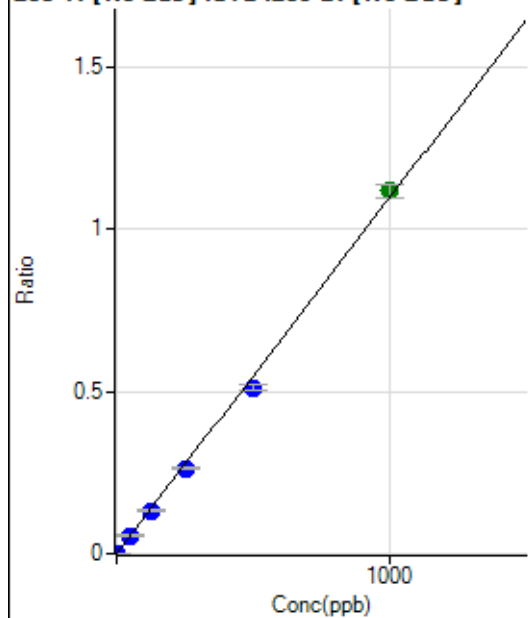
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	57.3
2	☐						
3	☐			8.89		P	43.3
4	☐			10.00		P	57.7
5	☐			10.00		P	57.8
6	☐			8.89		P	57.3
7	☐			5.56		P	91.6
8	☐			17.78		P	78.1
9	☐			16.67		P	52.9

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	65.5
2	☐						
3	☐			25.00		P	66.7
4	☐			22.22		P	57.3
5	☐			19.44		P	49.5
6	☐			27.78		P	17.3
7	☐			16.67		P	100.
8	☐			16.67		P	50.0
9	☐			41.67		P	20.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			8.89		P	57.3
4	☐			7.78		P	65.5
5	☐			10.00		P	0.0
6	☐			3.33		P	0.0
7	☐			6.67		P	50.0
8	☐			8.89		P	43.3
9	☐			6.67		P	50.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19.44	0.0000	P	137.
2	☐	0.100					
3	☐	1.000	0.921	2447.56	0.0010	P	4.8
4	☐	50.000	49.838	132651.43	0.0547	P	14.0
5	☐	125.000	121.438	336703.06	0.1332	P	3.1
6	☐	250.000	240.344	704233.43	0.2637	P	1.7
7	☐	500.000	466.265	1479627.83	0.5116	P	3.2
8	☐	1000.000	1019.735	3136029.13	1.1188	A	3.7
9	☐			730.61	0.0003	P	8.6

$$y = 0.0011 * x + 7.9355E-006$$

$$R = 0.9991$$

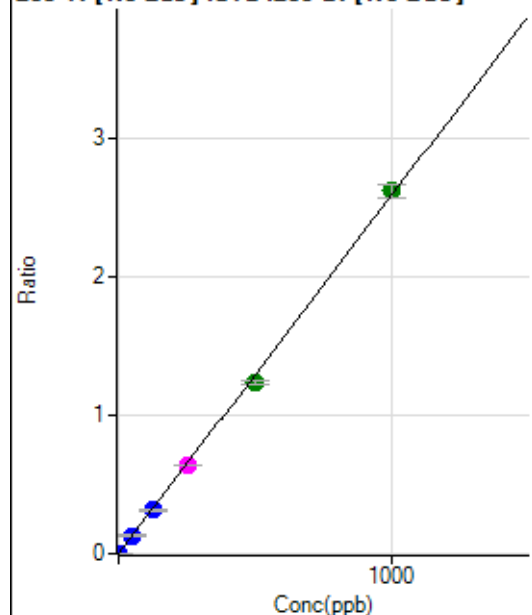
$$DL = 0.02992$$

$$BEC = 0.007233$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.33	0.0000	P	27.9
2	☐	0.100					
3	☐	1.000	0.922	5776.59	0.0024	P	6.5
4	☐	50.000	50.337	316059.69	0.1302	P	12.7
5	☐	125.000	122.521	800453.40	0.3168	P	3.4
6	☐	250.000	245.017	1691971.52	0.6334	M	0.7
7	☐	500.000	477.887	3573627.29	1.2355	A	2.6
8	☐	1000.000	1012.596	7337949.91	2.6178	A	3.5
9	☐			1803.00	0.0007	P	12.4

$$y = 0.0026 * x + 2.3142E-005$$

$$R = 0.9996$$

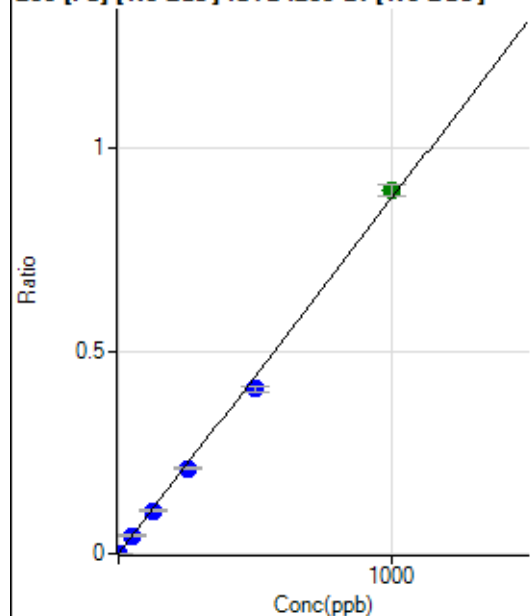
$$DL = 0.007489$$

$$BEC = 0.008952$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	255.57	0.0001	P	9.0
2	☐	0.100					
3	☐	1.000	0.912	2161.37	0.0009	P	3.7
4	☐	50.000	49.787	106314.04	0.0438	P	12.2
5	☐	125.000	121.140	268719.25	0.1063	P	3.1
6	☐	250.000	239.671	561637.66	0.2103	P	1.0
7	☐	500.000	463.635	1176319.69	0.4067	P	3.0
8	☐	1000.000	1021.258	2510974.33	0.8957	A	3.1
9	☐			3930.36	0.0015	P	6.8

$$y = 8.7696E-004 * x + 1.0081E-004$$

$$R = 0.9990$$

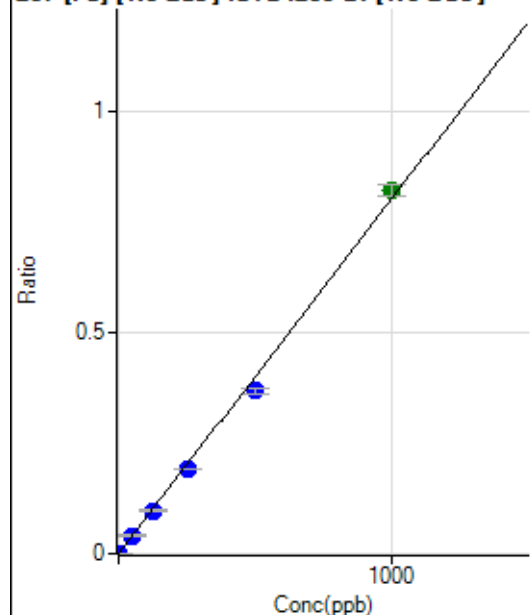
$$DL = 0.03099$$

$$BEC = 0.115$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	229.64	0.0001	P	25.0
2	☐	0.100					
3	☐	1.000	0.934	2009.49	0.0008	P	4.3
4	☐	50.000	49.477	96389.66	0.0397	P	12.4
5	☐	125.000	121.058	245017.83	0.0970	P	3.3
6	☐	250.000	239.127	511340.62	0.1915	P	1.1
7	☐	500.000	459.436	1063712.94	0.3678	P	2.9
8	☐	1000.000	1023.519	2296390.04	0.8192	A	3.1
9	☐			3372.78	0.0013	P	10.5

$$y = 8.0025\text{E-}004 * x + 8.9688\text{E-}005$$

$$R = 0.9987$$

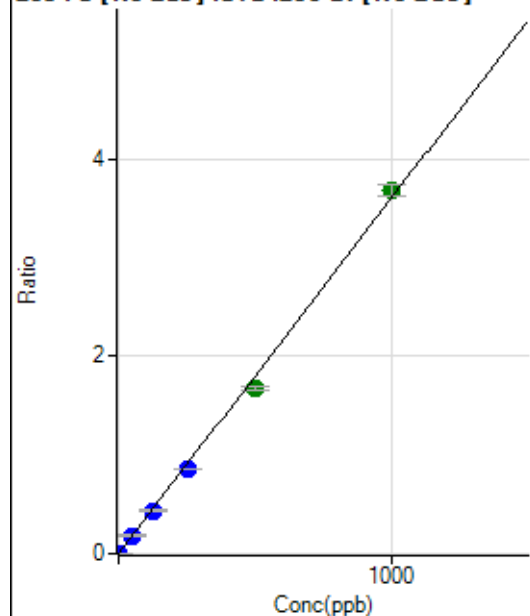
$$DL = 0.08412$$

$$BEC = 0.1121$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	996.35	0.0004	P	5.1
2	☐	0.100					
3	☐	1.000	0.903	8753.31	0.0036	P	2.4
4	☐	50.000	49.395	433173.92	0.1783	P	12.4
5	☐	125.000	120.450	1097441.00	0.4343	P	3.2
6	☐	250.000	239.001	2300585.33	0.8614	P	1.0
7	☐	500.000	466.415	4861223.05	1.6806	A	2.5
8	☐	1000.000	1020.141	10302716.46	3.6753	A	3.3
9	☐			15437.48	0.0058	P	7.2

$$y = 0.0036 * x + 3.9220\text{E-}004$$

$$R = 0.9991$$

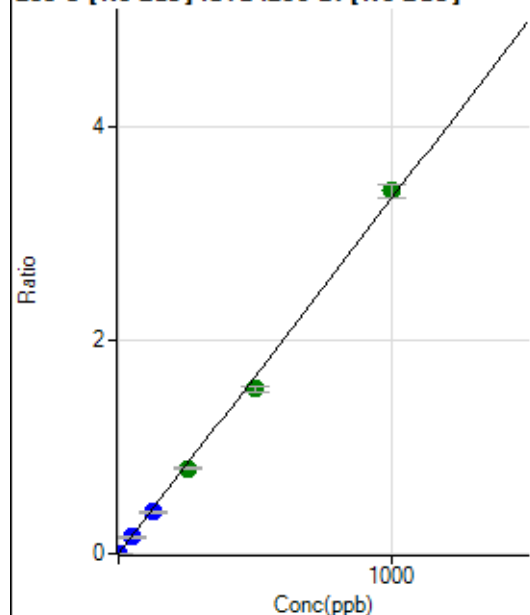
$$DL = 0.01682$$

$$BEC = 0.1089$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	45.4
2	☐	0.100					
3	☐	1.000	0.873	6985.66	0.0029	P	4.4
4	☐	50.000	47.875	386580.16	0.1592	P	13.0
5	☐	125.000	117.888	990824.58	0.3921	P	3.2
6	☐	250.000	239.382	2126194.12	0.7962	A	1.9
7	☐	500.000	463.780	4461534.87	1.5425	A	3.0
8	☐	1000.000	1021.760	9525693.35	3.3983	A	3.6
9	☐			502.82	0.0002	P	15.5

$$y = 0.0033 * x + 6.4815E-006$$

$$R = 0.9990$$

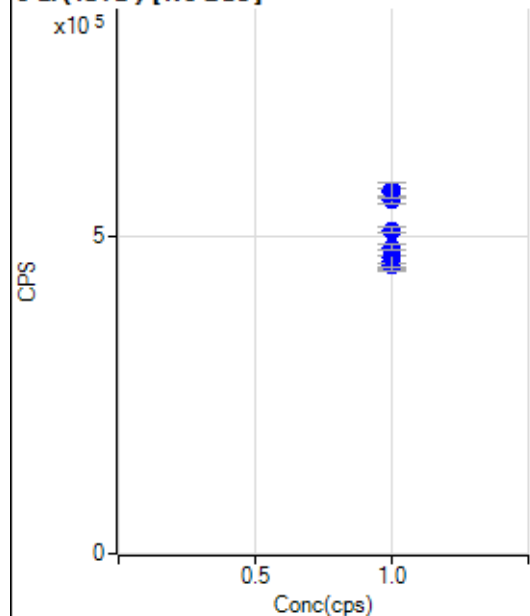
$$DL = 0.002655$$

$$BEC = 0.001949$$

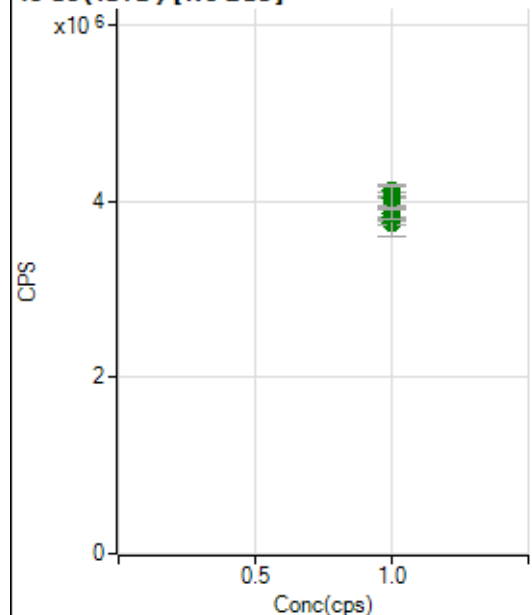
Weight: <None>

Min Conc: 0

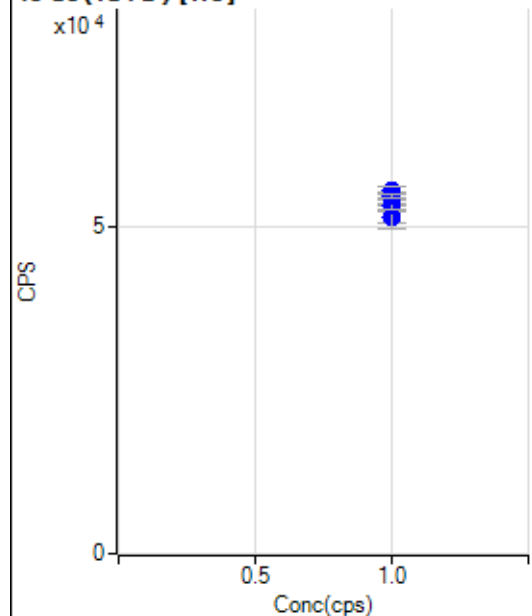
6 Li (ISTD) [No Gas]



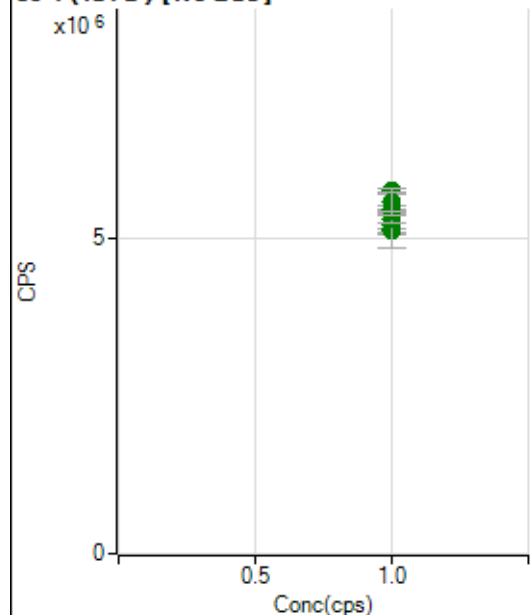
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		459931.76		P	4.8
2	☐	1.000					
3	☐	1.000		454651.75		P	1.3
4	☐	1.000		467400.52		P	9.2
5	☐	1.000		482868.65		P	1.9
6	☐	1.000		510655.96		P	2.0
7	☐	1.000		558205.26		P	1.8
8	☐	1.000		569961.23		P	2.3
9	☐	1.000		572078.37		P	4.1

45 Sc (ISTD) [No Gas]

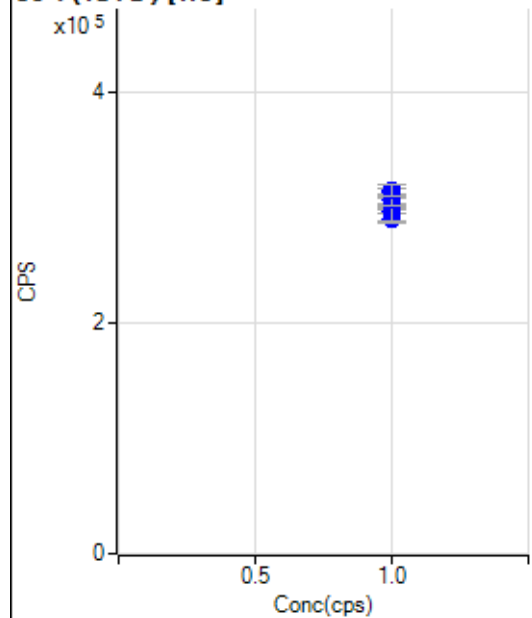
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3961148.57		A	7.1
2	☐	1.000					
3	☐	1.000		3763456.68		A	1.2
4	☐	1.000		3828820.14		A	11.3
5	☐	1.000		3869043.14		A	3.6
6	☐	1.000		3937406.38		A	1.2
7	☐	1.000		4123381.13		A	2.7
8	☐	1.000		3863251.30		A	3.1
9	☐	1.000		4050901.91		A	6.8

45 Sc (ISTD) [He]

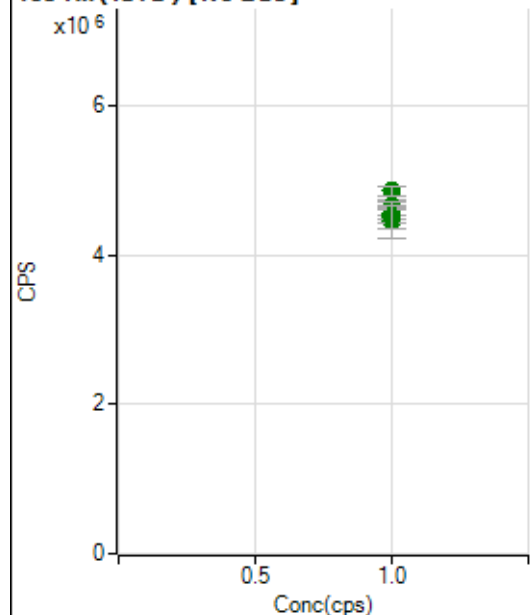
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		51390.45		P	3.1
2	☐	1.000					
3	☐	1.000		55443.76		P	2.0
4	☐	1.000		53352.21		P	1.0
5	☐	1.000		54256.79		P	3.3
6	☐	1.000		53206.26		P	2.9
7	☐	1.000		51406.46		P	7.1
8	☐	1.000		53295.24		P	2.9
9	☐	1.000		54645.50		P	1.3

89 Y (ISTD) [No Gas]

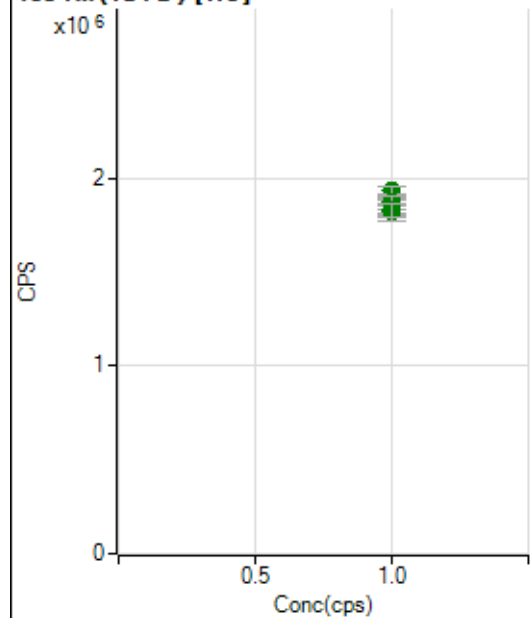
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5201649.40		A	5.8
2	☐	1.000					
3	☐	1.000		5118718.74		A	1.3
4	☐	1.000		5144585.55		A	11.4
5	☐	1.000		5301570.06		A	2.6
6	☐	1.000		5429514.71		A	1.3
7	☐	1.000		5745153.11		A	1.9
8	☐	1.000		5442355.48		A	2.9
9	☐	1.000		5570259.71		A	5.6

89 Y (ISTD) [He]

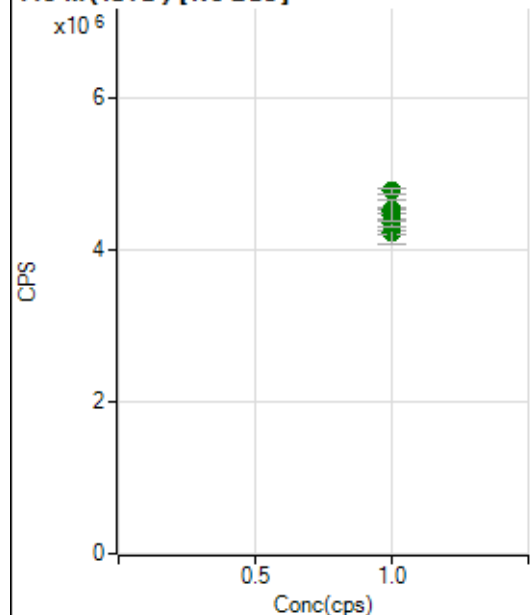
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		290522.10		P	2.7
2	☐	1.000					
3	☐	1.000		312853.19		P	2.6
4	☐	1.000		299448.55		P	1.0
5	☐	1.000		302214.88		P	4.5
6	☐	1.000		306022.27		P	3.7
7	☐	1.000		296603.94		P	5.1
8	☐	1.000		307241.41		P	3.4
9	☐	1.000		314487.01		P	3.1

103 Rh (ISTD) [No Gas]

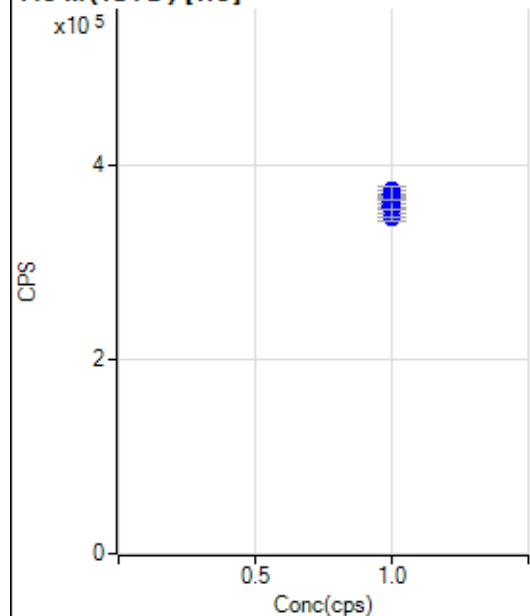
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4666100.89		A	5.5
2	☐	1.000					
3	☐	1.000		4454815.72		A	1.3
4	☐	1.000		4475939.20		A	11.8
5	☐	1.000		4547661.69		A	2.9
6	☐	1.000		4673604.49		A	2.1
7	☐	1.000		4859786.05		A	2.3
8	☐	1.000		4522583.87		A	4.0
9	☐	1.000		4509390.51		A	6.9

103 Rh (ISTD) [He]

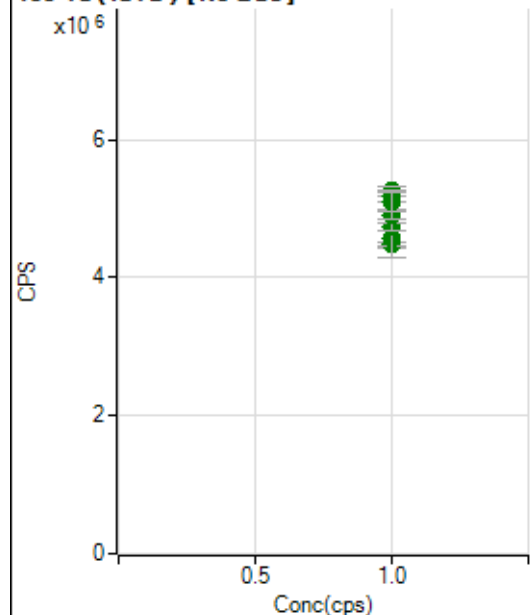
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1827990.96		A	2.8
2	☐	1.000					
3	☐	1.000		1930506.05		A	2.2
4	☐	1.000		1848744.04		A	1.6
5	☐	1.000		1860685.06		A	5.0
6	☐	1.000		1871859.05		A	2.5
7	☐	1.000		1824957.89		A	6.0
8	☐	1.000		1868092.98		A	3.8
9	☐	1.000		1828290.77		A	3.7

115 In (ISTD) [No Gas]

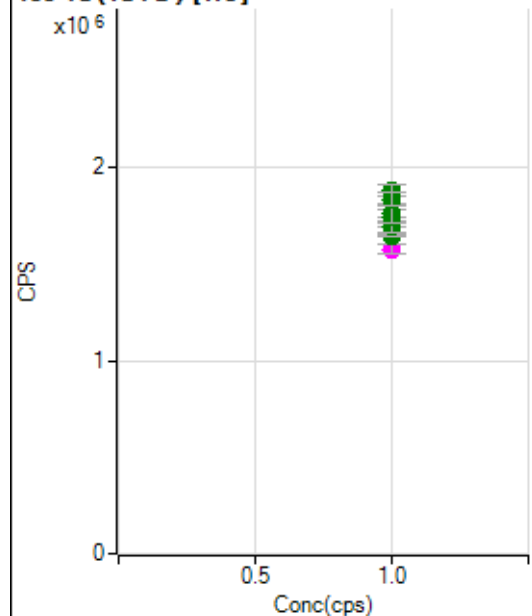
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4380716.27		A	6.3
2	☐	1.000					
3	☐	1.000		4230076.86		A	1.3
4	☐	1.000		4301620.83		A	11.0
5	☐	1.000		4350215.37		A	2.6
6	☐	1.000		4511431.10		A	2.2
7	☐	1.000		4768791.14		A	1.7
8	☐	1.000		4454963.20		A	3.5
9	☐	1.000		4518160.72		A	6.0

115 In (ISTD) [He]

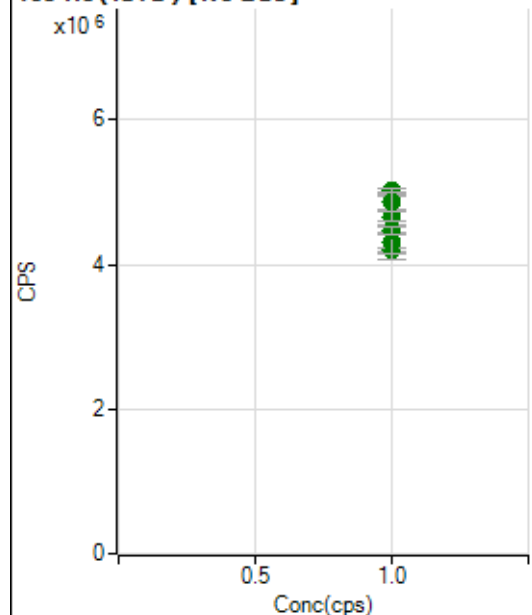
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		347224.59		P	2.3
2	☐	1.000					
3	☐	1.000		373616.81		P	2.9
4	☐	1.000		358718.19		P	1.0
5	☐	1.000		362059.31		P	3.5
6	☐	1.000		367067.10		P	4.0
7	☐	1.000		356226.33		P	5.7
8	☐	1.000		362749.01		P	4.1
9	☐	1.000		371283.72		P	3.5

159 Tb (ISTD) [No Gas]

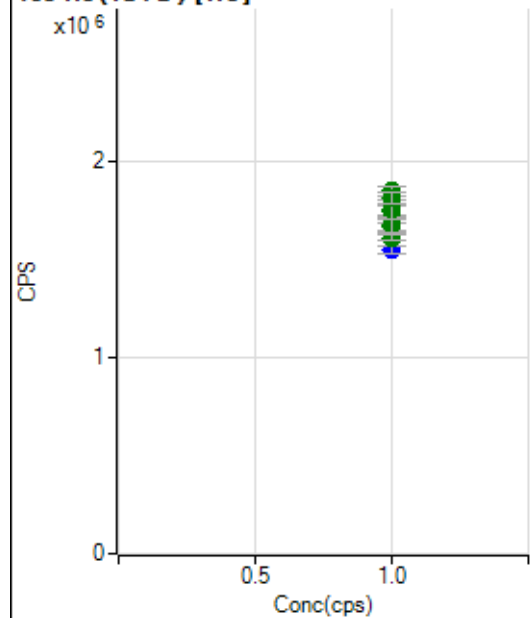
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4565050.00		A	5.5
2	☐	1.000					
3	☐	1.000		4478414.31		A	1.4
4	☐	1.000		4568643.82		A	11.8
5	☐	1.000		4737790.97		A	2.5
6	☐	1.000		4914459.79		A	2.6
7	☐	1.000		5257783.29		A	2.8
8	☐	1.000		5170715.38		A	3.1
9	☐	1.000		5111546.42		A	6.2

159 Tb (ISTD) [He]

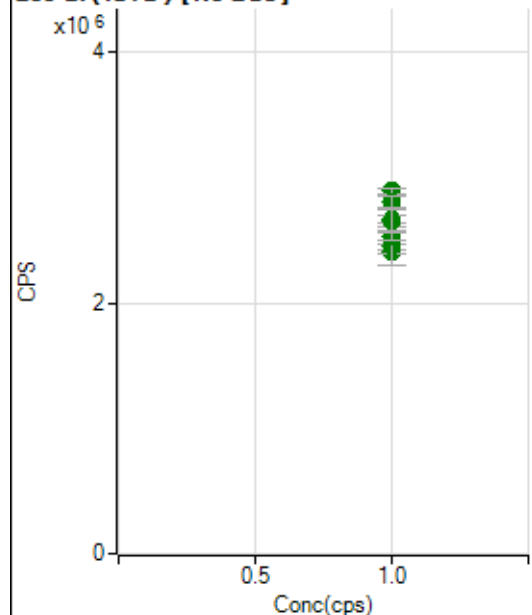
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1578919.84		M	3.5
2	☐	1.000					
3	☐	1.000		1718168.38		A	2.8
4	☐	1.000		1647054.87		A	0.6
5	☐	1.000		1695607.13		A	4.0
6	☐	1.000		1747841.07		A	4.1
7	☐	1.000		1764373.67		A	6.0
8	☐	1.000		1880903.12		A	3.3
9	☐	1.000		1835421.15		A	3.7

165 Ho (ISTD) [No Gas]

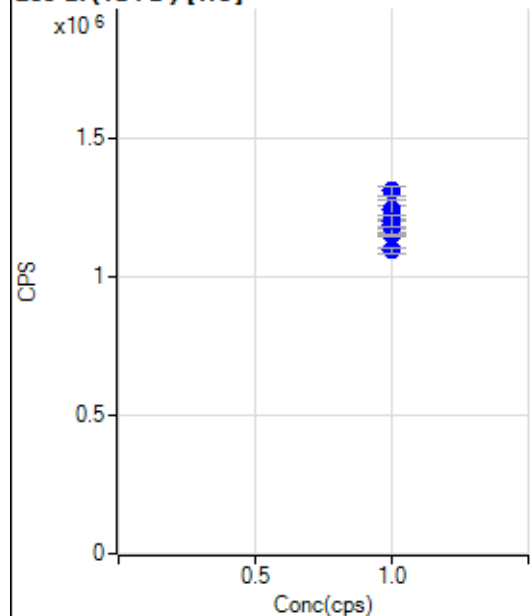
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4310667.29		A	6.7
2	☐	1.000					
3	☐	1.000		4192568.06		A	1.8
4	☐	1.000		4312719.50		A	10.9
5	☐	1.000		4462271.63		A	2.4
6	☐	1.000		4664498.33		A	2.7
7	☐	1.000		5019843.08		A	1.6
8	☐	1.000		4856193.77		A	3.6
9	☐	1.000		4869927.45		A	5.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1549917.79		P	2.3
2	☐	1.000					
3	☐	1.000		1671038.76		A	2.3
4	☐	1.000		1611015.03		A	1.9
5	☐	1.000		1680665.16		A	5.0
6	☐	1.000		1747927.99		A	3.4
7	☐	1.000		1757489.62		A	5.7
8	☐	1.000		1850564.71		A	2.7
9	☐	1.000		1812199.16		A	3.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2536708.56		A	5.7
2	☐	1.000					
3	☐	1.000		2401216.03		A	1.3
4	☐	1.000		2453581.02		A	12.2
5	☐	1.000		2528292.19		A	2.6
6	☐	1.000		2671255.71		A	2.1
7	☐	1.000		2893266.86		A	1.5
8	☐	1.000		2805061.73		A	3.0
9	☐	1.000		2654852.51		A	6.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1096791.93		P	1.9
2	☐	1.000					
3	☐	1.000		1189528.36		P	2.7
4	☐	1.000		1154136.74		P	1.3
5	☐	1.000		1183256.87		P	4.8
6	☐	1.000		1243309.71		P	3.0
7	☐	1.000		1246933.14		P	5.5
8	☐	1.000		1312352.74		P	2.7
9	☐	1.000		1205700.76		P	3.3

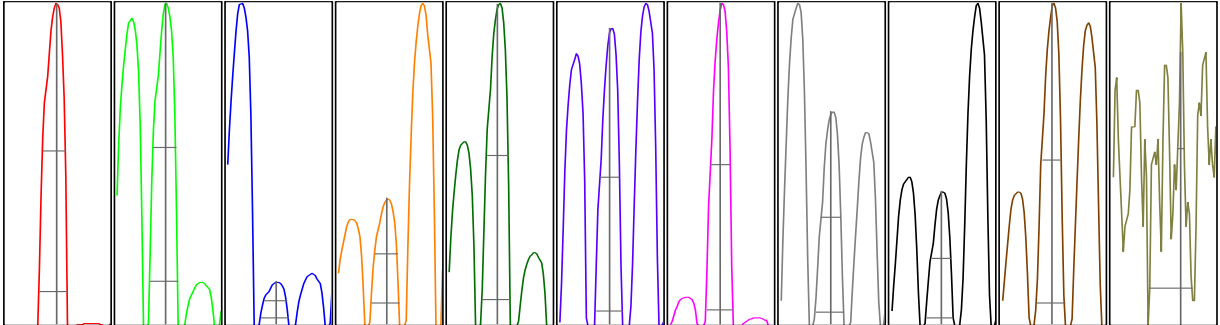
US EPA Tune Check Sample Report

Batch Folder D:\P8122718-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	3647	0.37	5.00	
24	49560	0.57	5.00	
25	6950	0.60	5.00	
26	8467	0.84	5.00	
59	51982	0.36	5.00	
113	5297	0.79	5.00	
115	64860	1.90	5.00	
206	9800	0.44	5.00	
207	8837	0.45	5.00	
208	20782	0.27	5.00	
220	1	18.59		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	3648	3634	3662	3632	3657
24	49727	49575	49254	49316	49927
25	7004	6987	6921	6922	6918
26	8556	8502	8369	8432	8475
59	52268	52017	51771	51856	51995
113	5259	5252	5294	5344	5334
115	63554	63563	65203	65923	66059
206	9736	9840	9780	9808	9835
207	8882	8877	8810	8822	8796
208	20848	20834	20724	20758	20746
220	1	1	1	1	2

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	5900	9.00	8.9 - 9.1		0.808	0.900	
24	81481	23.95	23.9 - 24.1		0.800	0.900	
25	11059	24.95	24.9 - 25.1		0.789	0.900	
26	13206	25.95	25.9 - 26.1		0.792	0.900	
59	87130	58.95	58.9 - 59.1		0.805	0.900	
113	9671	113.00	112.9 - 113.1		0.776	0.900	
115	118172	115.00	114.9 - 115.1		0.776	0.900	
206	17400	206.00	205.9 - 206.1		0.819	0.900	
207	15722	207.00	206.9 - 207.1		0.787	0.900	
208	37784	208.00	207.9 - 208.1		0.804	0.900	
220	2	220.50	-		1.175		

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	11.0	V	Deflect	14.8	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-120	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	9879	1.80	
89	6896	1.49	
205	8190	1.55	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	9792	9759	9806	10193	9847
89	6930	6904	6804	7047	6797
205	8157	8174	8073	8407	8140

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	11.0	V	Deflect	2.8	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-120	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 11:45:43	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.14	0.77	0.36	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	N/A	ppb
Arsenic	75-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Barium	135-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Barium	137-1	-0.02	0.03	-0.02	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.91	-0.31	1.22	0.00	N/A	ppb
Boron	11-1	-1.13	0.37	0.76	0.00	N/A	ppb
Cadmium	111-1	-0.02	-0.04	0.06	0.00	N/A	ppb
Cadmium	106-1	-0.25	-0.72	0.98	0.00	N/A	ppb
Cadmium	108-1	-0.02	-0.10	0.13	0.00	N/A	ppb
Calcium	43-1	-1.71	0.73	0.98	0.00	N/A	ppb
Calcium	44-1	-21.44	5.80	15.64	0.00	N/A	ppb
Chromium	52-2	-0.01	0.14	-0.13	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	N/A	ppb
Copper	63-2	0.00	0.02	-0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.31	0.58	-0.27	0.00	N/A	ppb
Iron	57-2	1.25	-1.93	0.68	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	207-1	0.03	-0.01	-0.02	0.00	N/A	ppb
Lead	208-1	0.00	0.00	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.88	1.04	-0.17	0.00	N/A	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 11:45:43	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	0.08	-0.05	0.00	N/A	ppb
Molybdenum	94-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.02	-0.02	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	0.04	0.00	N/A	ppb
Phosphorus	31-2	-13.12	-23.54	-13.66	-16.77		ppb
Potassium	39-2	-8.21	12.81	-4.60	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	2.22	-1.11	-1.11	0.00	N/A	ppb
Selenium	78-2	0.17	0.21	-0.38	0.00	N/A	ppb
Selenium	82-1	-0.18	0.26	-0.08	0.00	N/A	ppb
Silicon	28-1	-9.43	3.35	6.07	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	-3.95	10.38	-6.43	0.00	N/A	ppb
Strontium	86-1	-0.06	-0.01	0.07	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-2177.19	59.01	567.44	-516.91		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.00	0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.00	-0.01	0.00	N/A	ppb
Titanium	47-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.02	0.01	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.10	0.09	0.01	0.00	N/A	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 11:45:43	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	-0.01	0.01	0.00	N/A	ppb
Zirconium	91-1	0.00	-0.03	0.03	0.00	N/A	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 11:53:01	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.00	17.30	24.77	19.36	24.46	ppb
Antimony	121-1	1.86	1.72	1.83	1.81	3.93	ppb
Arsenic	75-2	0.90	0.97	1.07	0.98	8.30	ppb
Barium	135-1	9.13	9.63	10.01	9.59	4.61	ppb
Barium	137-1	9.94	9.91	9.67	9.84	1.47	ppb
Beryllium	9-1	1.02	1.03	0.90	0.98	7.19	ppb
Bismuth	209-1				95		%
Bismuth	209-2				108		%
Boron	10-1	21.61	23.60	24.06	23.09	5.64	ppb
Boron	11-1	23.63	24.35	23.04	23.67	2.76	ppb
Cadmium	111-1	1.16	0.78	1.14	1.02	21.01	ppb
Cadmium	106-1	2.36	-0.68	3.02	1.57	126.12	ppb
Cadmium	108-1	1.61	0.65	0.83	1.03	49.82	ppb
Calcium	43-1	467.88	472.67	472.65	471.07	0.59	ppb
Calcium	44-1	479.44	475.82	474.48	476.58	0.54	ppb
Chromium	52-2	1.33	1.71	1.74	1.59	14.22	ppb
Cobalt	59-2	0.85	0.87	0.92	0.88	4.26	ppb
Copper	63-2	1.78	1.68	1.87	1.78	5.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				108		%
Indium	115-1				97		%
Indium	115-2				108		%
Iron	56-2	47.07	48.20	50.72	48.66	3.84	ppb
Iron	57-2	42.67	52.66	53.51	49.62	12.15	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.87	0.94	0.91	4.19	ppb
Lead	207-1	0.92	0.90	0.99	0.93	4.87	ppb
Lead	208-1	0.93	0.90	0.88	0.90	2.65	ppb
Lithium	6-1				99		%
Magnesium	24-2	474.19	475.92	479.72	476.61	0.59	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 11:53:01	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.85	0.77	0.96	0.86	10.75	ppb
Molybdenum	94-1	4.70	4.51	4.72	4.64	2.57	ppb
Molybdenum	95-1	4.83	4.85	4.82	4.84	0.33	ppb
Molybdenum	96-1	4.77	4.70	4.84	4.77	1.49	ppb
Molybdenum	97-1	5.01	4.59	4.94	4.85	4.58	ppb
Molybdenum	98-1	4.83	4.61	4.74	4.73	2.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.81	0.99	1.11	0.97	16.00	ppb
Phosphorus	31-2	16.03	26.84	7.43	16.77	58.00	ppb
Potassium	39-2	392.63	399.48	414.80	402.30	2.82	ppb
Rhodium	103-1				95		%
Rhodium	103-2				106		%
Scandium	45-1				95		%
Scandium	45-2				108		%
Selenium	77-2	8.01	2.02	2.09	4.04	85.21	ppb
Selenium	78-2	4.08	-0.41	5.92	3.19	101.90	ppb
Selenium	82-1	5.42	5.28	5.59	5.43	2.80	ppb
Silicon	28-1	11.28	6.64	8.02	8.65	27.52	ppb
Silver	109-1	1.00	1.01	1.09	1.03	4.87	ppb
Silver	107-1	1.03	0.97	1.00	1.00	3.11	ppb
Sodium	23-2	431.29	430.64	456.96	439.63	3.41	ppb
Strontium	86-1	1.04	0.81	0.88	0.91	13.00	ppb
Strontium	88-1	0.95	0.91	0.92	0.93	1.90	ppb
Sulfur	34-1	870.99	197.22	482.53	516.91	65.43	ppb
Terbium	159-1				98		%
Terbium	159-2				109		%
Thallium	203-1	0.87	0.96	0.94	0.92	4.83	ppb
Thallium	205-1	0.99	0.88	0.90	0.92	6.57	ppb
Tin	118-1	5.07	4.73	5.06	4.95	3.97	ppb
Titanium	47-1	5.32	4.69	4.54	4.85	8.59	ppb
Uranium	238-1	0.89	0.83	0.90	0.87	4.45	ppb
Vanadium	51-2	4.71	4.93	4.54	4.73	4.16	ppb
Yttrium	89-1				98		%
Yttrium	89-2				108		%
Zinc	66-2	1.83	2.31	2.27	2.14	12.40	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 11:53:01	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.00	0.94	0.84	0.93	8.54	ppb
Zirconium	91-1	0.82	0.82	0.90	0.84	5.38	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 11:56:49	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1007.40	1039.48	975.80	1007.56	3.16	ppb
Antimony	121-1	57.57	44.52	51.05	51.05	12.78	ppb
Arsenic	75-2	52.47	53.48	54.00	53.32	1.47	ppb
Barium	135-1	289.96	224.25	256.28	256.83	12.79	ppb
Barium	137-1	292.11	229.01	260.46	260.53	12.11	ppb
Beryllium	9-1	59.41	49.59	55.33	54.77	9.00	ppb
Bismuth	209-1				97		%
Bismuth	209-2				105		%
Boron	10-1	55.88	44.93	52.47	51.10	10.96	ppb
Boron	11-1	59.36	47.46	52.38	53.07	11.26	ppb
Cadmium	111-1	59.32	46.19	53.70	53.07	12.41	ppb
Cadmium	106-1	59.94	45.30	55.90	53.71	14.07	ppb
Cadmium	108-1	59.63	48.62	53.40	53.89	10.25	ppb
Calcium	43-1	5770.34	4516.00	5041.93	5109.42	12.33	ppb
Calcium	44-1	6020.96	4554.34	5129.12	5234.81	14.12	ppb
Chromium	52-2	51.38	51.54	50.73	51.21	0.84	ppb
Cobalt	59-2	51.05	52.41	50.53	51.33	1.89	ppb
Copper	63-2	102.03	104.61	102.56	103.07	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				103		%
Iron	56-2	2655.84	2705.58	2653.46	2671.62	1.10	ppb
Iron	57-2	2595.45	2592.88	2509.91	2566.08	1.90	ppb
Krypton	83-1						cps
Lead	206-1	56.25	44.11	49.00	49.79	12.28	ppb
Lead	207-1	55.87	43.59	48.97	49.48	12.44	ppb
Lead	208-1	55.79	43.57	48.83	49.39	12.40	ppb
Lithium	6-1				102		%
Magnesium	24-2	5502.50	5526.82	5459.53	5496.29	0.62	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 11:56:49	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	101.80	103.97	102.03	102.60	1.16	ppb
Molybdenum	94-1	281.59	222.38	254.60	252.86	11.72	ppb
Molybdenum	95-1	276.99	218.19	251.03	248.74	11.85	ppb
Molybdenum	96-1	276.37	217.90	253.73	249.33	11.82	ppb
Molybdenum	97-1	279.47	219.70	256.83	252.00	11.97	ppb
Molybdenum	98-1	277.04	218.44	253.66	249.71	11.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.25	52.24	51.67	51.72	0.96	ppb
Phosphorus	31-2	972.90	1171.83	1183.59	1109.44	10.67	ppb
Potassium	39-2	2541.24	2640.19	2591.91	2591.11	1.91	ppb
Rhodium	103-1				96		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				104		%
Selenium	77-2	47.30	41.28	41.71	43.43	7.73	ppb
Selenium	78-2	63.85	57.02	50.56	57.14	11.63	ppb
Selenium	82-1	58.39	46.26	52.42	52.36	11.59	ppb
Silicon	28-1	83.83	43.64	61.69	63.05	31.93	ppb
Silver	109-1	59.75	47.26	54.26	53.76	11.64	ppb
Silver	107-1	59.48	47.34	53.39	53.40	11.36	ppb
Sodium	23-2	5229.50	5259.87	5117.94	5202.44	1.44	ppb
Strontium	86-1	56.18	44.94	50.11	50.41	11.17	ppb
Strontium	88-1	57.28	45.15	51.17	51.20	11.84	ppb
Sulfur	34-1	4965.57	-645.59	1739.28	2019.76	139.43	ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	56.81	42.83	49.88	49.84	14.03	ppb
Thallium	205-1	56.72	43.94	50.35	50.34	12.69	ppb
Tin	118-1	57.98	45.17	51.02	51.39	12.48	ppb
Titanium	47-1	281.71	220.14	250.96	250.94	12.27	ppb
Uranium	238-1	54.36	41.93	47.34	47.87	13.02	ppb
Vanadium	51-2	50.46	51.34	50.50	50.77	0.98	ppb
Yttrium	89-1				99		%
Yttrium	89-2				103		%
Zinc	66-2	101.85	103.76	103.29	102.97	0.97	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 11:56:49	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	56.13	44.16	50.22	50.17	11.93	ppb
Zirconium	91-1	55.69	43.51	49.25	49.49	12.32	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:00:36	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2433.20	2528.01	2363.39	2441.53	3.38	ppb
Antimony	121-1	125.91	121.29	126.82	124.67	2.38	ppb
Arsenic	75-2	128.36	133.78	122.19	128.11	4.53	ppb
Barium	135-1	628.28	602.89	636.49	622.55	2.81	ppb
Barium	137-1	628.54	610.47	647.99	629.00	2.98	ppb
Beryllium	9-1	130.67	127.58	134.18	130.81	2.52	ppb
Bismuth	209-1				100		%
Bismuth	209-2				108		%
Boron	10-1	126.18	121.60	134.55	127.44	5.15	ppb
Boron	11-1	128.80	127.77	134.74	130.44	2.88	ppb
Cadmium	111-1	127.97	123.21	129.42	126.87	2.56	ppb
Cadmium	106-1	129.92	121.85	132.03	127.93	4.20	ppb
Cadmium	108-1	130.45	124.81	133.22	129.50	3.31	ppb
Calcium	43-1	12364.07	12071.07	12884.29	12439.81	3.31	ppb
Calcium	44-1	12430.35	12199.35	12913.76	12514.49	2.91	ppb
Chromium	52-2	124.58	129.27	120.24	124.70	3.62	ppb
Cobalt	59-2	124.12	127.87	119.41	123.80	3.42	ppb
Copper	63-2	252.91	260.95	240.42	251.43	4.12	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				104		%
Holmium	165-2				108		%
Indium	115-1				99		%
Indium	115-2				104		%
Iron	56-2	6422.36	6687.48	6140.57	6416.80	4.26	ppb
Iron	57-2	6223.56	6581.36	6154.48	6319.80	3.63	ppb
Krypton	83-1						cps
Lead	206-1	119.11	118.81	125.51	121.14	3.13	ppb
Lead	207-1	121.17	116.97	125.04	121.06	3.34	ppb
Lead	208-1	119.44	117.24	124.67	120.45	3.17	ppb
Lithium	6-1				105		%
Magnesium	24-2	13388.32	13849.58	12671.69	13303.20	4.46	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:00:36	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	250.48	258.99	237.34	248.94	4.38	ppb
Molybdenum	94-1	599.31	598.47	634.89	610.89	3.40	ppb
Molybdenum	95-1	602.56	606.59	634.67	614.60	2.85	ppb
Molybdenum	96-1	612.49	594.77	641.85	616.37	3.86	ppb
Molybdenum	97-1	598.44	596.74	632.33	609.17	3.30	ppb
Molybdenum	98-1	607.20	609.33	642.30	619.61	3.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.75	132.13	122.00	127.29	3.99	ppb
Phosphorus	31-2	2645.55	2383.48	2344.42	2457.82	6.66	ppb
Potassium	39-2	6279.35	6448.91	5971.36	6233.21	3.88	ppb
Rhodium	103-1				97		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				106		%
Selenium	77-2	118.80	123.91	113.07	118.59	4.57	ppb
Selenium	78-2	124.90	149.73	112.80	129.14	14.58	ppb
Selenium	82-1	123.04	120.79	130.56	124.80	4.10	ppb
Silicon	28-1	145.73	138.63	157.70	147.35	6.54	ppb
Silver	109-1	128.77	124.99	131.15	128.31	2.42	ppb
Silver	107-1	128.98	124.92	131.33	128.41	2.53	ppb
Sodium	23-2	13052.87	13414.54	12332.71	12933.37	4.26	ppb
Strontium	86-1	121.32	119.65	125.91	122.30	2.65	ppb
Strontium	88-1	124.73	121.92	128.73	125.13	2.74	ppb
Sulfur	34-1	2937.32	2384.58	4136.89	3152.93	28.41	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	120.07	118.60	125.64	121.44	3.06	ppb
Thallium	205-1	120.30	119.93	127.32	122.52	3.40	ppb
Tin	118-1	125.73	120.27	128.33	124.77	3.30	ppb
Titanium	47-1	608.40	596.14	637.21	613.92	3.43	ppb
Uranium	238-1	115.96	115.49	122.21	117.89	3.18	ppb
Vanadium	51-2	121.37	128.88	119.76	123.34	3.95	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	247.08	257.29	236.97	247.11	4.11	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:00:36	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	121.16	118.95	126.10	122.07	3.00	ppb
Zirconium	91-1	119.89	117.09	124.97	120.65	3.31	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:04:20	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4800.23	5131.57	4954.18	4961.99	3.34	ppb
Antimony	121-1	253.07	248.20	241.43	247.57	2.36	ppb
Arsenic	75-2	239.61	261.23	251.10	250.65	4.31	ppb
Barium	135-1	1264.27	1239.48	1193.76	1232.50	2.90	ppb
Barium	137-1	1275.89	1268.75	1231.69	1258.78	1.88	ppb
Beryllium	9-1	259.00	256.32	251.54	255.62	1.48	ppb
Bismuth	209-1				105		%
Bismuth	209-2				113		%
Boron	10-1	252.66	247.34	242.24	247.41	2.10	ppb
Boron	11-1	251.19	252.31	252.56	252.02	0.29	ppb
Cadmium	111-1	254.84	250.67	247.18	250.89	1.53	ppb
Cadmium	106-1	258.01	253.24	245.59	252.28	2.48	ppb
Cadmium	108-1	259.92	258.40	243.08	253.80	3.67	ppb
Calcium	43-1	24758.58	24748.00	24224.54	24577.04	1.24	ppb
Calcium	44-1	24880.29	24990.35	24359.52	24743.39	1.36	ppb
Chromium	52-2	247.35	262.00	253.50	254.29	2.89	ppb
Cobalt	59-2	245.00	259.58	251.44	252.00	2.90	ppb
Copper	63-2	495.48	528.84	508.17	510.83	3.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				113		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	56-2	12568.16	13245.66	12805.99	12873.27	2.67	ppb
Iron	57-2	12248.12	13296.97	12813.59	12786.23	4.11	ppb
Krypton	83-1						cps
Lead	206-1	242.36	238.97	237.67	239.67	1.01	ppb
Lead	207-1	242.19	237.76	237.43	239.13	1.11	ppb
Lead	208-1	241.85	237.70	237.45	239.00	1.03	ppb
Lithium	6-1				111		%
Magnesium	24-2	26444.59	28028.82	27150.90	27208.10	2.92	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:04:20	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	493.98	521.14	506.73	507.28	2.68	ppb
Molybdenum	94-1	1229.87	1247.57	1222.85	1233.43	1.03	ppb
Molybdenum	95-1	1251.49	1245.70	1210.86	1236.01	1.78	ppb
Molybdenum	96-1	1235.38	1214.61	1197.67	1215.89	1.55	ppb
Molybdenum	97-1	1244.36	1244.12	1216.65	1235.05	1.29	ppb
Molybdenum	98-1	1227.35	1223.35	1223.91	1224.87	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	249.60	267.16	257.53	258.10	3.41	ppb
Phosphorus	31-2	4999.97	5483.69	5343.32	5275.66	4.72	ppb
Potassium	39-2	12306.01	12969.10	12579.19	12618.10	2.64	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				104		%
Selenium	77-2	210.72	262.88	284.59	252.73	15.02	ppb
Selenium	78-2	246.57	262.39	272.13	260.36	4.96	ppb
Selenium	82-1	246.40	249.91	245.96	247.42	0.87	ppb
Silicon	28-1	258.92	261.47	256.97	259.12	0.87	ppb
Silver	109-1	257.83	253.07	249.04	253.31	1.74	ppb
Silver	107-1	260.12	253.21	248.84	254.06	2.24	ppb
Sodium	23-2	25094.01	26707.16	26135.83	25979.00	3.15	ppb
Strontium	86-1	243.13	244.56	238.81	242.17	1.24	ppb
Strontium	88-1	251.20	248.98	241.47	247.22	2.06	ppb
Sulfur	34-1	5973.31	5842.31	5557.08	5790.90	3.68	ppb
Terbium	159-1				108		%
Terbium	159-2				111		%
Thallium	203-1	244.81	239.31	236.91	240.34	1.68	ppb
Thallium	205-1	246.76	243.57	244.72	245.02	0.66	ppb
Tin	118-1	250.92	250.02	243.31	248.08	1.68	ppb
Titanium	47-1	1217.71	1231.39	1206.28	1218.46	1.03	ppb
Uranium	238-1	244.31	238.39	235.44	239.38	1.89	ppb
Vanadium	51-2	245.31	259.33	250.56	251.74	2.81	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	491.34	533.23	515.71	513.43	4.10	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:04:20	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	249.29	245.05	239.84	244.73	1.93	ppb
Zirconium	91-1	244.20	243.63	237.29	241.71	1.59	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:07:57	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10590.84	10563.49	9244.04	10132.79	7.60	ppb
Antimony	121-1	473.74	478.82	495.43	482.66	2.35	ppb
Arsenic	75-2	537.41	529.15	486.34	517.64	5.30	ppb
Barium	135-1	2320.93	2379.71	2462.31	2387.65	2.97	ppb
Barium	137-1	2321.80	2431.15	2447.94	2400.30	2.85	ppb
Beryllium	9-1	480.28	483.83	511.44	491.85	3.47	ppb
Bismuth	209-1				114		%
Bismuth	209-2				114		%
Boron	10-1	462.06	474.74	508.33	481.71	4.96	ppb
Boron	11-1	465.45	479.88	506.36	483.90	4.29	ppb
Cadmium	111-1	464.13	485.45	493.44	481.01	3.15	ppb
Cadmium	106-1	458.25	482.51	493.90	478.22	3.81	ppb
Cadmium	108-1	480.83	483.90	502.99	489.24	2.45	ppb
Calcium	43-1	45971.20	47628.46	48473.02	47357.56	2.69	ppb
Calcium	44-1	46008.26	47421.83	48645.84	47358.64	2.79	ppb
Chromium	52-2	543.89	548.42	473.62	521.98	8.03	ppb
Cobalt	59-2	537.85	539.88	471.80	516.51	7.50	ppb
Copper	63-2	1093.46	1088.58	972.74	1051.60	6.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				113		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	56-2	27653.17	27860.17	24396.79	26636.71	7.29	ppb
Iron	57-2	27408.12	27530.33	24033.81	26324.09	7.54	ppb
Krypton	83-1						cps
Lead	206-1	447.98	468.13	474.79	463.64	3.01	ppb
Lead	207-1	444.98	461.83	471.50	459.44	2.92	ppb
Lead	208-1	454.56	467.17	477.51	466.42	2.46	ppb
Lithium	6-1				121		%
Magnesium	24-2	59132.19	58941.30	51218.79	56430.76	8.00	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:07:57	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1089.92	1088.78	959.21	1045.97	7.18	ppb
Molybdenum	94-1	2291.52	2353.64	2377.46	2340.87	1.90	ppb
Molybdenum	95-1	2300.26	2325.72	2384.05	2336.68	1.84	ppb
Molybdenum	96-1	2289.66	2328.14	2378.98	2332.26	1.92	ppb
Molybdenum	97-1	2293.59	2377.84	2401.87	2357.77	2.41	ppb
Molybdenum	98-1	2259.30	2341.69	2387.22	2329.40	2.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	546.90	547.10	482.97	525.66	7.03	ppb
Phosphorus	31-2	10846.47	11009.51	9462.14	10439.37	8.14	ppb
Potassium	39-2	26804.57	26760.00	23557.29	25707.29	7.24	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	547.44	474.67	524.57	515.56	7.22	ppb
Selenium	78-2	528.26	489.85	509.32	509.14	3.77	ppb
Selenium	82-1	461.38	476.74	484.99	474.37	2.53	ppb
Silicon	28-1	476.82	484.42	496.11	485.78	2.00	ppb
Silver	109-1	478.11	491.86	506.82	492.26	2.92	ppb
Silver	107-1	478.59	484.62	506.06	489.76	2.95	ppb
Sodium	23-2	55333.58	54441.45	47547.53	52440.85	8.13	ppb
Strontium	86-1	460.92	462.28	477.32	466.84	1.95	ppb
Strontium	88-1	460.73	465.88	481.82	469.48	2.34	ppb
Sulfur	34-1	8953.37	9796.00	10666.30	9805.22	8.74	ppb
Terbium	159-1				115		%
Terbium	159-2				112		%
Thallium	203-1	451.10	466.65	481.05	466.26	3.21	ppb
Thallium	205-1	464.90	479.65	489.12	477.89	2.55	ppb
Tin	118-1	470.14	478.86	497.17	482.06	2.86	ppb
Titanium	47-1	2301.57	2386.51	2430.54	2372.87	2.76	ppb
Uranium	238-1	449.30	465.00	477.04	463.78	3.00	ppb
Vanadium	51-2	543.08	542.09	474.58	519.92	7.55	ppb
Yttrium	89-1				110		%
Yttrium	89-2				102		%
Zinc	66-2	1094.84	1093.85	961.04	1049.91	7.33	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:07:57	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	456.23	472.78	478.71	469.24	2.48	ppb
Zirconium	91-1	454.32	466.03	474.27	464.87	2.16	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:11:28	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19829.20	18433.63	18999.08	19087.30	3.68	ppb
Antimony	121-1	971.27	1015.33	1041.19	1009.27	3.50	ppb
Arsenic	75-2	1029.02	969.12	973.27	990.47	3.38	ppb
Barium	135-1	4845.74	5129.62	5206.19	5060.51	3.75	ppb
Barium	137-1	4851.64	5084.90	5203.34	5046.63	3.55	ppb
Beryllium	9-1	969.85	1023.30	1011.97	1001.71	2.81	ppb
Bismuth	209-1				111		%
Bismuth	209-2				120		%
Boron	10-1	964.34	1016.23	1047.87	1009.48	4.18	ppb
Boron	11-1	961.95	1024.30	1033.99	1006.75	3.88	ppb
Cadmium	111-1	969.27	1017.32	1040.07	1008.89	3.58	ppb
Cadmium	106-1	963.52	1024.02	1041.77	1009.77	4.06	ppb
Cadmium	108-1	963.17	1009.02	1038.83	1003.67	3.80	ppb
Calcium	43-1	100355.92	107549.36	108907.82	105604.37	4.35	ppb
Calcium	44-1	97798.44	105161.83	105223.88	102728.05	4.16	ppb
Chromium	52-2	1021.24	951.70	990.81	987.92	3.53	ppb
Cobalt	59-2	1024.33	957.29	992.37	991.33	3.38	ppb
Copper	63-2	2035.99	1892.78	1984.72	1971.16	3.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				119		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	51643.67	48980.37	50350.17	50324.74	2.65	ppb
Iron	57-2	51250.61	48394.68	49803.69	49816.33	2.87	ppb
Krypton	83-1						cps
Lead	206-1	985.93	1045.94	1031.90	1021.26	3.07	ppb
Lead	207-1	987.82	1049.78	1032.95	1023.52	3.13	ppb
Lead	208-1	981.67	1044.95	1033.80	1020.14	3.31	ppb
Lithium	6-1				124		%
Magnesium	24-2	108391.04	102137.89	104679.65	105069.52	2.99	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:11:28	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2038.37	1912.75	1974.48	1975.20	3.18	ppb
Molybdenum	94-1	4895.86	5193.62	5166.50	5085.33	3.24	ppb
Molybdenum	95-1	4828.43	5178.12	5253.01	5086.52	4.46	ppb
Molybdenum	96-1	4875.80	5197.47	5207.26	5093.51	3.70	ppb
Molybdenum	97-1	4879.09	5164.95	5186.16	5076.73	3.38	ppb
Molybdenum	98-1	4878.38	5163.42	5235.00	5092.27	3.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1009.93	954.74	989.66	984.78	2.83	ppb
Phosphorus	31-2	20073.52	19748.57	19311.50	19711.20	1.94	ppb
Potassium	39-2	50140.60	47019.12	48616.73	48592.15	3.21	ppb
Rhodium	103-1				97		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				104		%
Selenium	77-2	1001.37	997.86	978.78	992.67	1.22	ppb
Selenium	78-2	1046.98	941.37	987.56	991.97	5.34	ppb
Selenium	82-1	974.76	1032.06	1033.28	1013.37	3.30	ppb
Silicon	28-1	949.50	1025.63	1029.06	1001.40	4.49	ppb
Silver	109-1	970.08	1008.29	1028.95	1002.44	2.98	ppb
Silver	107-1	956.74	1020.14	1033.66	1003.51	4.09	ppb
Sodium	23-2	102532.68	95805.54	98418.32	98918.85	3.43	ppb
Strontium	86-1	967.05	1035.28	1054.24	1018.86	4.50	ppb
Strontium	88-1	976.80	1034.27	1036.58	1015.88	3.33	ppb
Sulfur	34-1	16802.24	17891.54	24607.40	19767.06	21.38	ppb
Terbium	159-1				113		%
Terbium	159-2				119		%
Thallium	203-1	980.09	1055.35	1023.77	1019.74	3.71	ppb
Thallium	205-1	971.48	1037.78	1028.53	1012.60	3.55	ppb
Tin	118-1	972.19	1021.89	1034.15	1009.41	3.25	ppb
Titanium	47-1	4846.96	5177.34	5194.07	5072.79	3.86	ppb
Uranium	238-1	979.47	1045.04	1040.78	1021.76	3.59	ppb
Vanadium	51-2	1024.09	958.27	986.98	989.78	3.33	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	2041.27	1913.46	1960.97	1971.90	3.28	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:11:28	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	978.34	1036.60	1036.23	1017.05	3.30	ppb
Zirconium	91-1	988.43	1038.71	1033.47	1020.21	2.71	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:14:53	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98711.58	99784.50	102021.56	100172.55	1.69	ppb
Antimony	121-1	1.25	1.39	1.37	1.34	5.37	ppb
Arsenic	75-2	1.82	1.38	1.36	1.52	17.32	ppb
Barium	135-1	0.55	0.80	0.55	0.63	22.26	ppb
Barium	137-1	0.64	0.85	0.52	0.67	24.49	ppb
Beryllium	9-1	0.18	0.12	0.10	0.13	29.04	ppb
Bismuth	209-1				105		%
Bismuth	209-2				110		%
Boron	10-1	10.96	12.58	14.58	12.71	14.27	ppb
Boron	11-1	12.65	12.95	12.94	12.84	1.34	ppb
Cadmium	111-1	0.04	0.02	0.13	0.06	88.93	ppb
Cadmium	106-1	-0.84	-1.36	0.24	-0.65		ppb
Cadmium	108-1	-0.01	0.19	0.01	0.06	168.49	ppb
Calcium	43-1	467826.83	544364.62	485303.43	499164.96	8.03	ppb
Calcium	44-1	470855.45	543727.26	484603.30	499728.67	7.75	ppb
Chromium	52-2	14.94	14.41	15.32	14.89	3.07	ppb
Cobalt	59-2	11.46	11.53	11.83	11.60	1.67	ppb
Copper	63-2	2.71	2.72	2.71	2.71	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				117		%
Indium	115-1				103		%
Indium	115-2				107		%
Iron	56-2	247636.42	248193.02	253411.05	249746.83	1.28	ppb
Iron	57-2	248310.00	248925.65	252427.18	249887.61	0.89	ppb
Krypton	83-1						cps
Lead	206-1	1.46	1.68	1.59	1.58	7.27	ppb
Lead	207-1	1.38	1.67	1.39	1.48	11.24	ppb
Lead	208-1	1.42	1.64	1.47	1.51	7.69	ppb
Lithium	6-1				124		%
Magnesium	24-2	493892.50	491645.97	509084.32	498207.59	1.90	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:14:53	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	11.35	9.94	11.15	10.81	7.04	ppb
Molybdenum	94-1	2.89	2.97	2.84	2.90	2.29	ppb
Molybdenum	95-1	3.15	3.58	3.46	3.39	6.52	ppb
Molybdenum	96-1	3.45	3.83	3.68	3.65	5.22	ppb
Molybdenum	97-1	3.10	3.50	3.57	3.39	7.58	ppb
Molybdenum	98-1	3.29	3.71	3.32	3.44	6.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.82	18.84	18.68	18.78	0.47	ppb
Phosphorus	31-2	-25.96	-36.70	-25.44	-29.37		ppb
Potassium	39-2	243047.07	249260.15	258306.71	250204.64	3.07	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				106		%
Selenium	77-2	1.89	2.02	8.43	4.12	90.88	ppb
Selenium	78-2	0.56	-0.41	-0.40	-0.08		ppb
Selenium	82-1	0.85	0.71	1.23	0.93	29.02	ppb
Silicon	28-1	164.08	212.85	187.11	188.01	12.98	ppb
Silver	109-1	0.09	0.07	0.07	0.08	17.44	ppb
Silver	107-1	0.09	0.11	0.09	0.10	9.25	ppb
Sodium	23-2	493374.01	494626.97	511730.21	499910.40	2.05	ppb
Strontium	86-1	4.16	4.79	4.06	4.33	9.14	ppb
Strontium	88-1	4.22	4.74	4.27	4.41	6.51	ppb
Sulfur	34-1	-1414.81	2028.69	194.15	269.34	639.70	ppb
Terbium	159-1				112		%
Terbium	159-2				116		%
Thallium	203-1	0.26	0.25	0.22	0.24	8.86	ppb
Thallium	205-1	0.27	0.28	0.22	0.25	12.85	ppb
Tin	118-1	0.83	0.86	0.80	0.83	3.69	ppb
Titanium	47-1	0.99	1.35	1.19	1.18	15.39	ppb
Uranium	238-1	0.06	0.06	0.04	0.05	16.02	ppb
Vanadium	51-2	0.17	0.13	0.16	0.15	14.04	ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	19.34	18.32	19.41	19.03	3.21	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:14:53	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.35	0.43	0.37	0.38	10.98	ppb
Zirconium	91-1	0.39	0.33	0.33	0.35	10.79	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 12:22:32 DataFile Name : 012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	537.86	471.58	538.89	516.11	7.47	ppb
Antimony	121-1	196.33	202.52	195.09	197.98	2.01	ppb
Arsenic	75-2	197.76	182.81	206.70	195.76	6.17	ppb
Barium	135-1	101.81	103.65	98.65	101.37	2.49	ppb
Barium	137-1	100.35	103.25	98.65	100.75	2.31	ppb
Beryllium	9-1	97.45	99.50	97.24	98.06	1.28	ppb
Bismuth	209-1				107		%
Bismuth	209-2				119		%
Boron	10-1	-2.23	-4.86	-4.82	-3.97		ppb
Boron	11-1	-4.74	-5.08	-4.89	-4.90		ppb
Cadmium	111-1	101.87	103.26	100.41	101.85	1.40	ppb
Cadmium	106-1	91.93	90.70	90.30	90.98	0.93	ppb
Cadmium	108-1	91.95	93.53	93.20	92.89	0.89	ppb
Calcium	43-1	1977.87	2030.41	1969.68	1992.65	1.65	ppb
Calcium	44-1	2127.34	2202.89	2126.74	2152.32	2.03	ppb
Chromium	52-2	99.26	90.53	100.33	96.71	5.56	ppb
Cobalt	59-2	101.79	92.29	103.80	99.29	6.19	ppb
Copper	63-2	102.48	94.39	104.62	100.50	5.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				118		%
Indium	115-1				103		%
Indium	115-2				111		%
Iron	56-2	1037.30	946.60	1061.06	1014.99	5.95	ppb
Iron	57-2	1006.76	922.20	1014.16	981.04	5.21	ppb
Krypton	83-1						cps
Lead	206-1	195.48	205.53	196.94	199.31	2.73	ppb
Lead	207-1	185.62	196.14	187.55	189.77	2.95	ppb
Lead	208-1	190.26	198.79	191.08	193.38	2.43	ppb
Lithium	6-1				122		%
Magnesium	24-2	1238.10	1119.79	1279.41	1212.43	6.83	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:22:32	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	100.17	88.99	99.83	96.33	6.60	ppb
Molybdenum	94-1	0.10	0.09	0.15	0.11	28.68	ppb
Molybdenum	95-1	0.08	0.12	0.09	0.10	19.63	ppb
Molybdenum	96-1	0.12	0.10	0.11	0.11	12.31	ppb
Molybdenum	97-1	0.10	0.04	0.10	0.08	45.39	ppb
Molybdenum	98-1	0.07	0.08	0.06	0.07	13.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.14	95.75	106.33	102.07	5.47	ppb
Phosphorus	31-2	-36.44	-27.00	-13.43	-25.62		ppb
Potassium	39-2	2016.57	1870.02	2081.26	1989.28	5.44	ppb
Rhodium	103-1				100		%
Rhodium	103-2				108		%
Scandium	45-1				99		%
Scandium	45-2				106		%
Selenium	77-2	178.07	176.01	165.41	173.16	3.92	ppb
Selenium	78-2	210.09	171.52	222.55	201.39	13.21	ppb
Selenium	82-1	199.03	205.95	199.71	201.56	1.89	ppb
Silicon	28-1	-0.20	11.13	-1.96	2.99	237.45	ppb
Silver	109-1	103.34	104.45	99.67	102.49	2.44	ppb
Silver	107-1	101.24	104.00	100.88	102.04	1.67	ppb
Sodium	23-2	2119.78	1936.16	2152.20	2069.38	5.63	ppb
Strontium	86-1	2.40	2.55	2.32	2.42	4.70	ppb
Strontium	88-1	2.30	2.33	2.35	2.33	1.17	ppb
Sulfur	34-1	1515.03	2036.85	1491.46	1681.11	18.34	ppb
Terbium	159-1				107		%
Terbium	159-2				117		%
Thallium	203-1	197.54	207.55	198.63	201.24	2.73	ppb
Thallium	205-1	199.40	208.17	201.37	202.98	2.27	ppb
Tin	118-1	0.05	0.00	0.04	0.03	87.78	ppb
Titanium	47-1	-0.04	-0.02	-0.06	-0.04		ppb
Uranium	238-1	0.03	0.03	0.02	0.03	9.50	ppb
Vanadium	51-2	97.63	89.72	101.01	96.12	6.03	ppb
Yttrium	89-1				104		%
Yttrium	89-2				109		%
Zinc	66-2	205.04	188.60	209.32	200.98	5.44	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:22:32	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.01	0.01	0.00	163.86	ppb
Zirconium	91-1	0.09	0.08	0.07	0.08	15.04	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:28:25	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.84	21.56	20.05	18.15	25.68	ppb
Antimony	121-1	1.90	1.93	1.85	1.89	2.15	ppb
Arsenic	75-2	0.86	0.92	1.11	0.96	13.59	ppb
Barium	135-1	9.48	9.24	9.29	9.34	1.37	ppb
Barium	137-1	9.10	9.36	9.32	9.26	1.52	ppb
Beryllium	9-1	0.91	0.94	0.94	0.93	1.51	ppb
Bismuth	209-1				109		%
Bismuth	209-2				117		%
Boron	10-1	14.13	14.90	14.24	14.42	2.88	ppb
Boron	11-1	13.69	13.51	16.27	14.49	10.67	ppb
Cadmium	111-1	0.87	0.63	0.93	0.81	19.37	ppb
Cadmium	106-1	-0.62	-1.28	-0.12	-0.67		ppb
Cadmium	108-1	0.82	0.87	0.80	0.83	4.21	ppb
Calcium	43-1	483.78	457.62	456.84	466.08	3.29	ppb
Calcium	44-1	589.56	567.69	588.08	581.77	2.10	ppb
Chromium	52-2	1.77	1.57	1.80	1.71	7.24	ppb
Cobalt	59-2	0.84	0.87	0.88	0.86	2.10	ppb
Copper	63-2	1.93	1.96	1.92	1.94	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				115		%
Indium	115-1				106		%
Indium	115-2				109		%
Iron	56-2	46.45	46.29	48.16	46.97	2.20	ppb
Iron	57-2	46.66	42.45	39.68	42.93	8.19	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.86	0.96	0.91	5.73	ppb
Lead	207-1	0.98	0.98	0.88	0.94	6.19	ppb
Lead	208-1	0.97	0.92	0.96	0.95	2.75	ppb
Lithium	6-1				122		%
Magnesium	24-2	497.29	469.16	500.45	488.96	3.52	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:28:25	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.65	0.58	0.59	0.61	6.76	ppb
Molybdenum	94-1	4.74	4.69	4.60	4.67	1.50	ppb
Molybdenum	95-1	4.51	4.58	4.49	4.52	1.01	ppb
Molybdenum	96-1	4.89	4.73	4.53	4.72	3.80	ppb
Molybdenum	97-1	4.88	4.67	4.62	4.72	2.96	ppb
Molybdenum	98-1	4.79	4.49	4.49	4.59	3.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	0.81	0.76	0.85	12.53	ppb
Phosphorus	31-2	18.78	-25.66	30.61	7.91	375.14	ppb
Potassium	39-2	474.50	444.23	440.22	452.98	4.14	ppb
Rhodium	103-1				103		%
Rhodium	103-2				108		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	77-2	2.00	1.99	5.14	3.04	59.67	ppb
Selenium	78-2	3.16	4.18	3.18	3.51	16.62	ppb
Selenium	82-1	7.43	4.92	4.44	5.60	28.70	ppb
Silicon	28-1	4.79	-2.95	-0.87	0.32	1235.56	ppb
Silver	109-1	0.97	0.92	0.93	0.94	2.77	ppb
Silver	107-1	1.02	0.87	0.93	0.94	7.75	ppb
Sodium	23-2	511.97	509.05	529.49	516.84	2.14	ppb
Strontium	86-1	1.05	0.89	0.80	0.91	13.90	ppb
Strontium	88-1	0.98	0.88	0.89	0.92	6.12	ppb
Sulfur	34-1	1979.21	402.82	682.33	1021.45	82.35	ppb
Terbium	159-1				110		%
Terbium	159-2				114		%
Thallium	203-1	0.90	0.81	0.91	0.87	6.10	ppb
Thallium	205-1	0.93	0.90	0.93	0.92	1.50	ppb
Tin	118-1	4.67	4.50	4.73	4.63	2.51	ppb
Titanium	47-1	4.98	4.70	4.46	4.71	5.56	ppb
Uranium	238-1	0.82	0.81	0.86	0.83	2.73	ppb
Vanadium	51-2	4.96	4.93	4.79	4.89	1.91	ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	1.99	1.71	1.84	1.85	7.58	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:28:25	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.93	0.83	0.85	0.87	6.12	ppb
Zirconium	91-1	0.92	0.82	0.90	0.88	6.43	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 12:32:13 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.27	-2.72	-0.34	-1.11		ppb
Antimony	121-1	0.06	0.06	0.06	0.06	6.28	ppb
Arsenic	75-2	0.03	0.00	0.00	0.01	127.23	ppb
Barium	135-1	-0.06	-0.04	-0.07	-0.06		ppb
Barium	137-1	-0.02	0.01	-0.04	-0.02		ppb
Beryllium	9-1	0.02	0.03	0.01	0.02	53.85	ppb
Bismuth	209-1				105		%
Bismuth	209-2				119		%
Boron	10-1	-8.36	-7.61	-8.11	-8.03		ppb
Boron	11-1	-8.81	-9.15	-9.51	-9.16		ppb
Cadmium	111-1	0.04	0.02	-0.04	0.00	765.53	ppb
Cadmium	106-1	0.15	-0.10	-0.60	-0.18		ppb
Cadmium	108-1	-0.27	-0.32	-0.08	-0.23		ppb
Calcium	43-1	2.11	1.06	-4.51	-0.45		ppb
Calcium	44-1	125.49	118.85	101.95	115.43	10.51	ppb
Chromium	52-2	-0.24	-0.30	-0.21	-0.25		ppb
Cobalt	59-2	-0.03	-0.05	-0.06	-0.05		ppb
Copper	63-2	-0.01	-0.01	0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				118		%
Indium	115-1				102		%
Indium	115-2				111		%
Iron	56-2	-4.25	-4.18	-3.50	-3.98		ppb
Iron	57-2	-3.70	-8.00	-5.31	-5.67		ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.05	0.05	5.64	ppb
Lead	207-1	0.03	0.01	0.03	0.03	37.54	ppb
Lead	208-1	0.05	0.04	0.04	0.04	8.95	ppb
Lithium	6-1				119		%
Magnesium	24-2	1.68	-2.21	-2.15	-0.89		ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:32:13	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.49	-0.37	-0.37	-0.41		ppb
Molybdenum	94-1	-0.01	0.06	0.01	0.02	192.25	ppb
Molybdenum	95-1	0.00	0.01	0.03	0.01	97.10	ppb
Molybdenum	96-1	0.01	0.02	0.01	0.01	35.23	ppb
Molybdenum	97-1	0.05	0.04	0.01	0.03	66.36	ppb
Molybdenum	98-1	0.01	0.03	0.02	0.02	41.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.02	-0.03	-0.05		ppb
Phosphorus	31-2	-47.54	-26.13	-36.07	-36.58		ppb
Potassium	39-2	8.19	-22.03	6.83	-2.34		ppb
Rhodium	103-1				101		%
Rhodium	103-2				109		%
Scandium	45-1				97		%
Scandium	45-2				106		%
Selenium	77-2	-1.11	1.95	-1.11	-0.09		ppb
Selenium	78-2	-0.92	-0.42	-0.39	-0.58		ppb
Selenium	82-1	1.37	-0.75	1.74	0.79	170.58	ppb
Silicon	28-1	-1.13	5.29	-6.78	-0.88		ppb
Silver	109-1	0.01	0.01	0.00	0.01	32.36	ppb
Silver	107-1	0.00	0.01	0.01	0.01	19.64	ppb
Sodium	23-2	30.15	27.51	32.13	29.93	7.75	ppb
Strontium	86-1	0.11	0.12	-0.06	0.06	185.29	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	96.22	ppb
Sulfur	34-1	2725.50	2324.06	1456.05	2168.54	29.92	ppb
Terbium	159-1				107		%
Terbium	159-2				117		%
Thallium	203-1	0.01	0.01	0.02	0.01	40.30	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	19.00	ppb
Tin	118-1	0.00	0.05	-0.01	0.01	229.78	ppb
Titanium	47-1	-0.02	-0.03	0.00	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	86.98	ppb
Vanadium	51-2	-0.01	0.00	-0.01	-0.01		ppb
Yttrium	89-1				101		%
Yttrium	89-2				108		%
Zinc	66-2	0.13	0.15	0.26	0.18	40.42	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:32:13	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.01	0.01	0.00	0.00	390.11	ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00		ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 12:35:38 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	83521.78	85360.23	81349.40	83410.47	2.41	ppb
Antimony	121-1	1.11	1.19	1.17	1.16	3.35	ppb
Arsenic	75-2	0.37	0.27	0.35	0.33	16.40	ppb
Barium	135-1	1.41	1.27	1.64	1.44	13.07	ppb
Barium	137-1	1.43	1.27	1.38	1.36	5.97	ppb
Beryllium	9-1	0.28	0.26	0.31	0.28	9.16	ppb
Bismuth	209-1				101		%
Bismuth	209-2				106		%
Boron	10-1	-7.43	-7.98	-6.97	-7.46		ppb
Boron	11-1	-8.98	-8.25	-7.92	-8.38		ppb
Cadmium	111-1	0.38	0.22	0.16	0.25	45.21	ppb
Cadmium	106-1	-1.41	-1.67	-1.73	-1.61		ppb
Cadmium	108-1	8.81	10.30	9.87	9.66	7.90	ppb
Calcium	43-1	93694.22	95409.98	100082.19	96395.47	3.43	ppb
Calcium	44-1	92274.37	93633.57	97087.46	94331.80	2.63	ppb
Chromium	52-2	18.19	19.30	17.84	18.44	4.13	ppb
Cobalt	59-2	1.00	1.12	0.95	1.02	8.28	ppb
Copper	63-2	8.01	8.01	7.76	7.93	1.81	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				107		%
Holmium	165-2				110		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	56-2	94544.75	97464.73	92906.37	94971.95	2.43	ppb
Iron	57-2	96202.79	100077.47	93964.02	96748.09	3.20	ppb
Krypton	83-1						cps
Lead	206-1	4.70	4.56	4.79	4.68	2.43	ppb
Lead	207-1	4.06	4.23	4.21	4.17	2.24	ppb
Lead	208-1	4.32	4.19	4.40	4.30	2.55	ppb
Lithium	6-1				105		%
Magnesium	24-2	94203.41	95633.76	91740.20	93859.12	2.10	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:35:38	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.00	6.83	7.04	6.96	1.58	ppb
Molybdenum	94-1	1315.94	1287.80	1361.20	1321.65	2.80	ppb
Molybdenum	95-1	1846.90	1798.43	1909.53	1851.62	3.01	ppb
Molybdenum	96-1	1770.02	1736.29	1826.19	1777.50	2.55	ppb
Molybdenum	97-1	1841.65	1814.48	1937.70	1864.61	3.47	ppb
Molybdenum	98-1	1827.34	1819.60	1899.71	1848.88	2.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.33	5.30	4.98	5.20	3.74	ppb
Phosphorus	31-2	92138.29	93048.11	91883.79	92356.73	0.66	ppb
Potassium	39-2	94617.85	96022.52	94372.76	95004.38	0.94	ppb
Rhodium	103-1				94		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	77-2	2.16	-1.11	-1.11	-0.02		ppb
Selenium	78-2	-0.92	-0.38	0.14	-0.39		ppb
Selenium	82-1	1.47	0.09	0.80	0.79	87.57	ppb
Silicon	28-1	20.80	20.11	23.09	21.33	7.31	ppb
Silver	109-1	0.49	0.48	0.45	0.47	4.67	ppb
Silver	107-1	0.42	0.48	0.53	0.48	11.73	ppb
Sodium	23-2	93777.42	96096.65	91622.01	93832.03	2.38	ppb
Strontium	86-1	32.21	31.67	32.43	32.10	1.21	ppb
Strontium	88-1	32.78	32.10	33.44	32.77	2.04	ppb
Sulfur	34-1	79069.73	80682.59	83513.23	81088.52	2.77	ppb
Terbium	159-1				105		%
Terbium	159-2				109		%
Thallium	203-1	0.14	0.19	0.19	0.17	16.48	ppb
Thallium	205-1	0.23	0.20	0.18	0.20	14.25	ppb
Tin	118-1	0.14	0.15	0.16	0.15	7.43	ppb
Titanium	47-1	1884.56	1895.45	1951.47	1910.49	1.88	ppb
Uranium	238-1	0.02	0.02	0.01	0.01	24.02	ppb
Vanadium	51-2	0.12	0.13	0.12	0.12	5.62	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	12.31	12.64	12.42	12.46	1.33	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:35:38	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.00	0.00	0.01	135.42	ppb
Zirconium	91-1	-0.01	0.04	0.01	0.01	187.69	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:44:23	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84108.27	83875.24	83738.32	83907.28	0.22	ppb
Antimony	121-1	20.22	20.42	20.66	20.43	1.07	ppb
Arsenic	75-2	19.57	19.70	18.95	19.41	2.06	ppb
Barium	135-1	20.27	20.65	21.95	20.96	4.21	ppb
Barium	137-1	21.43	21.31	21.29	21.34	0.36	ppb
Beryllium	9-1	21.42	21.99	21.97	21.79	1.48	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	74.63	73.68	72.73	73.68	1.29	ppb
Boron	11-1	69.46	71.73	71.09	70.76	1.65	ppb
Cadmium	111-1	19.60	19.12	19.78	19.50	1.74	ppb
Cadmium	106-1	15.10	14.96	12.99	14.35	8.19	ppb
Cadmium	108-1	24.75	28.22	27.05	26.67	6.60	ppb
Calcium	43-1	99300.67	98087.50	98171.80	98519.99	0.69	ppb
Calcium	44-1	96454.79	96395.71	97155.80	96668.77	0.44	ppb
Chromium	52-2	37.69	37.63	37.97	37.76	0.47	ppb
Cobalt	59-2	20.51	20.80	21.16	20.82	1.56	ppb
Copper	63-2	28.04	27.77	28.01	27.94	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	96666.52	97080.54	97364.91	97037.32	0.36	ppb
Iron	57-2	99072.44	97402.63	99006.23	98493.77	0.96	ppb
Krypton	83-1						cps
Lead	206-1	23.80	24.35	24.59	24.25	1.69	ppb
Lead	207-1	22.73	23.02	22.69	22.81	0.80	ppb
Lead	208-1	23.01	23.62	23.41	23.35	1.31	ppb
Lithium	6-1				86		%
Magnesium	24-2	95010.92	95449.72	94739.41	95066.68	0.38	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:44:23	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.36	26.07	25.52	25.98	1.63	ppb
Molybdenum	94-1	1366.17	1366.04	1360.59	1364.27	0.23	ppb
Molybdenum	95-1	1942.66	1979.46	1920.20	1947.44	1.54	ppb
Molybdenum	96-1	1881.50	1865.14	1842.05	1862.89	1.06	ppb
Molybdenum	97-1	1950.15	1945.63	1930.22	1942.00	0.54	ppb
Molybdenum	98-1	1920.37	1951.05	1921.99	1931.14	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.83	24.34	25.20	24.79	1.74	ppb
Phosphorus	31-2	93618.36	93174.56	95457.86	94083.59	1.29	ppb
Potassium	39-2	96437.34	96219.34	96298.97	96318.55	0.11	ppb
Rhodium	103-1				93		%
Rhodium	103-2				97		%
Scandium	45-1				93		%
Scandium	45-2				97		%
Selenium	77-2	22.75	2.32	16.09	13.72	75.93	ppb
Selenium	78-2	20.39	22.24	17.75	20.13	11.22	ppb
Selenium	82-1	20.82	21.11	18.81	20.24	6.19	ppb
Silicon	28-1	77.21	76.46	77.48	77.05	0.68	ppb
Silver	109-1	18.87	18.84	19.19	18.96	1.02	ppb
Silver	107-1	18.55	19.13	19.20	18.96	1.88	ppb
Sodium	23-2	96159.19	95539.45	96521.67	96073.44	0.52	ppb
Strontium	86-1	31.91	32.96	33.50	32.79	2.45	ppb
Strontium	88-1	33.32	33.98	33.04	33.45	1.44	ppb
Sulfur	34-1	80377.61	79780.90	79537.67	79898.72	0.54	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	19.00	19.30	19.71	19.34	1.86	ppb
Thallium	205-1	19.64	20.09	19.85	19.86	1.15	ppb
Tin	118-1	60.38	61.38	62.38	61.38	1.63	ppb
Titanium	47-1	1994.27	1975.96	2018.84	1996.36	1.08	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	44.41	ppb
Vanadium	51-2	19.31	18.96	19.32	19.20	1.07	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	34.04	31.56	31.86	32.49	4.17	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:44:23	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.04	0.02	0.03	45.20	ppb
Zirconium	91-1	0.05	0.01	0.03	0.03	57.07	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:47:42	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49095.03	50255.68	52045.85	50465.52	2.95	ppb
Antimony	121-1	517.26	505.02	520.73	514.34	1.60	ppb
Arsenic	75-2	491.44	502.62	503.29	499.12	1.33	ppb
Barium	135-1	2568.35	2496.59	2598.20	2554.38	2.04	ppb
Barium	137-1	2571.53	2502.43	2607.45	2560.47	2.08	ppb
Beryllium	9-1	554.66	541.33	571.11	555.70	2.68	ppb
Bismuth	209-1				102		%
Bismuth	209-2				107		%
Boron	10-1	544.39	561.50	564.08	556.66	1.92	ppb
Boron	11-1	557.03	544.09	577.04	559.39	2.97	ppb
Cadmium	111-1	499.60	488.27	508.49	498.79	2.03	ppb
Cadmium	106-1	508.11	507.38	512.86	509.45	0.58	ppb
Cadmium	108-1	506.87	497.21	517.86	507.31	2.04	ppb
Calcium	43-1	250706.74	247948.89	255274.37	251310.00	1.47	ppb
Calcium	44-1	247821.38	246666.58	250939.79	248475.92	0.89	ppb
Chromium	52-2	495.92	500.29	513.46	503.23	1.81	ppb
Cobalt	59-2	483.17	492.63	506.61	494.13	2.39	ppb
Copper	63-2	955.13	965.69	991.78	970.86	1.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				113		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	122266.36	124118.88	127145.10	124510.11	1.98	ppb
Iron	57-2	124284.90	126712.31	131112.47	127369.89	2.72	ppb
Krypton	83-1						cps
Lead	206-1	500.72	489.49	506.63	498.95	1.74	ppb
Lead	207-1	501.56	488.02	505.62	498.40	1.85	ppb
Lead	208-1	509.36	496.44	511.72	505.84	1.63	ppb
Lithium	6-1				93		%
Magnesium	24-2	238720.22	243346.72	248965.22	243677.39	2.11	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:47:42	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	969.75	972.84	1012.81	985.14	2.44	ppb
Molybdenum	94-1	2561.84	2504.16	2597.69	2554.56	1.85	ppb
Molybdenum	95-1	2556.82	2467.90	2582.56	2535.76	2.37	ppb
Molybdenum	96-1	2554.46	2491.30	2554.92	2533.56	1.44	ppb
Molybdenum	97-1	2565.89	2486.82	2578.27	2543.66	1.95	ppb
Molybdenum	98-1	2527.09	2473.48	2561.33	2520.63	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.91	498.95	512.39	501.42	1.99	ppb
Phosphorus	31-2	9367.67	10623.52	10152.21	10047.80	6.31	ppb
Potassium	39-2	119742.22	121491.89	127576.05	122936.72	3.34	ppb
Rhodium	103-1				93		%
Rhodium	103-2				100		%
Scandium	45-1				95		%
Scandium	45-2				102		%
Selenium	77-2	441.40	407.11	485.11	444.54	8.79	ppb
Selenium	78-2	494.99	486.28	473.07	484.78	2.28	ppb
Selenium	82-1	511.76	493.41	516.79	507.32	2.43	ppb
Silicon	28-1	508.45	499.99	530.41	512.95	3.06	ppb
Silver	109-1	497.40	496.42	515.24	503.02	2.11	ppb
Silver	107-1	508.93	489.77	516.11	504.94	2.70	ppb
Sodium	23-2	239623.36	243822.75	252795.42	245413.84	2.74	ppb
Strontium	86-1	510.33	493.28	519.84	507.82	2.65	ppb
Strontium	88-1	512.60	504.82	516.78	511.40	1.19	ppb
Sulfur	34-1	9135.32	9589.67	10783.74	9836.24	8.66	ppb
Terbium	159-1				106		%
Terbium	159-2				111		%
Thallium	203-1	499.66	490.96	509.48	500.03	1.85	ppb
Thallium	205-1	516.37	508.79	526.90	517.35	1.76	ppb
Tin	118-1	519.95	495.73	520.31	512.00	2.75	ppb
Titanium	47-1	2535.51	2496.45	2568.57	2533.51	1.42	ppb
Uranium	238-1	509.06	503.90	512.51	508.49	0.85	ppb
Vanadium	51-2	499.08	503.18	513.84	505.37	1.51	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	967.60	977.90	1009.11	984.87	2.19	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:47:42	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	512.55	497.06	517.12	508.91	2.07	ppb
Zirconium	91-1	509.01	494.71	511.34	505.02	1.78	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : CCB11 Instrumnet Name : P8
 Client Sample ID : CCB11 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 12:56:29 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.28	0.36	-1.24	0.13	968.64	ppb
Antimony	121-1	0.10	0.14	0.16	0.14	21.45	ppb
Arsenic	75-2	0.03	0.05	0.03	0.04	22.67	ppb
Barium	135-1	-0.05	-0.05	-0.08	-0.06		ppb
Barium	137-1	-0.02	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.01	0.03	0.02	0.02	36.37	ppb
Bismuth	209-1				107		%
Bismuth	209-2				110		%
Boron	10-1	-8.26	-9.79	-8.90	-8.98		ppb
Boron	11-1	-8.28	-9.00	-9.21	-8.83		ppb
Cadmium	111-1	0.03	-0.02	-0.10	-0.03		ppb
Cadmium	106-1	-0.15	-0.58	-1.45	-0.73		ppb
Cadmium	108-1	-0.22	-0.22	0.08	-0.12		ppb
Calcium	43-1	-1.77	0.82	-4.40	-1.78		ppb
Calcium	44-1	147.20	138.61	136.26	140.69	4.09	ppb
Chromium	52-2	-0.17	-0.26	-0.18	-0.20		ppb
Cobalt	59-2	-0.05	-0.06	-0.06	-0.06		ppb
Copper	63-2	0.02	0.02	0.01	0.02	51.36	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				108		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	-3.69	-3.41	-4.04	-3.72		ppb
Iron	57-2	-7.17	-5.39	-6.60	-6.39		ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.07	0.08	0.08	18.18	ppb
Lead	207-1	0.10	0.10	0.08	0.09	11.90	ppb
Lead	208-1	0.10	0.09	0.09	0.10	2.92	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.62	0.19	1.80	0.87	95.64	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:56:29	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.44	-0.25	-0.30	-0.33		ppb
Molybdenum	94-1	0.08	0.09	0.07	0.08	17.00	ppb
Molybdenum	95-1	0.06	0.09	0.12	0.09	36.22	ppb
Molybdenum	96-1	0.06	0.08	0.09	0.08	16.22	ppb
Molybdenum	97-1	0.16	0.11	0.09	0.12	27.24	ppb
Molybdenum	98-1	0.04	0.07	0.11	0.07	46.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.05	-0.06	-0.03		ppb
Phosphorus	31-2	-47.54	-24.02	-35.69	-35.75		ppb
Potassium	39-2	15.39	37.06	2.33	18.26	96.07	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				95		%
Scandium	45-2				99		%
Selenium	77-2	-1.11	-1.11	5.61	1.13	343.04	ppb
Selenium	78-2	0.15	-0.92	0.18	-0.20		ppb
Selenium	82-1	0.48	0.44	0.33	0.41	18.18	ppb
Silicon	28-1	-15.72	-17.19	-17.67	-16.86		ppb
Silver	109-1	0.02	0.03	0.02	0.03	28.07	ppb
Silver	107-1	0.03	0.04	0.02	0.03	27.23	ppb
Sodium	23-2	65.71	70.80	74.71	70.41	6.41	ppb
Strontium	86-1	0.00	0.11	0.17	0.09	92.05	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	3618.08	ppb
Sulfur	34-1	270.38	-94.33	-194.76	-6.24		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.11	0.11	0.14	0.12	14.53	ppb
Thallium	205-1	0.11	0.09	0.12	0.10	14.96	ppb
Tin	118-1	0.01	0.01	0.05	0.02	122.91	ppb
Titanium	47-1	-0.08	-0.08	-0.07	-0.08		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	91.81	ppb
Vanadium	51-2	0.00	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	0.15	0.52	0.10	0.26	89.27	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:56:29	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.01	0.00	668.63	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	59.86	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:59:54	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.01	18.00	19.22	18.74	3.48	ppb
Antimony	121-1	1.98	1.85	1.86	1.90	3.66	ppb
Arsenic	75-2	0.91	1.20	0.72	0.94	25.83	ppb
Barium	135-1	9.71	9.54	9.76	9.67	1.21	ppb
Barium	137-1	9.54	9.74	9.67	9.65	1.01	ppb
Beryllium	9-1	1.21	1.13	0.88	1.07	15.80	ppb
Bismuth	209-1				100		%
Bismuth	209-2				106		%
Boron	10-1	15.30	11.23	15.35	13.96	16.95	ppb
Boron	11-1	15.89	15.74	15.71	15.78	0.59	ppb
Cadmium	111-1	1.01	0.80	0.83	0.88	12.68	ppb
Cadmium	106-1	-0.58	-0.62	-0.44	-0.54		ppb
Cadmium	108-1	0.39	1.00	0.37	0.59	60.51	ppb
Calcium	43-1	484.25	464.46	458.45	469.05	2.88	ppb
Calcium	44-1	662.05	628.30	654.70	648.35	2.74	ppb
Chromium	52-2	1.61	2.02	1.75	1.79	11.64	ppb
Cobalt	59-2	1.01	0.99	0.86	0.95	8.63	ppb
Copper	63-2	2.08	2.07	1.98	2.04	2.62	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				100		%
Holmium	165-2				105		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	56-2	49.19	48.23	46.80	48.07	2.50	ppb
Iron	57-2	53.53	48.65	39.00	47.06	15.71	ppb
Krypton	83-1						cps
Lead	206-1	1.07	0.91	0.87	0.95	11.28	ppb
Lead	207-1	0.93	0.98	1.00	0.97	3.79	ppb
Lead	208-1	0.98	0.92	0.91	0.94	4.10	ppb
Lithium	6-1				92		%
Magnesium	24-2	505.68	490.33	486.05	494.02	2.09	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:59:54	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.54	0.69	0.67	0.63	12.51	ppb
Molybdenum	94-1	4.71	4.90	4.91	4.84	2.36	ppb
Molybdenum	95-1	4.86	4.78	4.57	4.74	3.17	ppb
Molybdenum	96-1	4.84	4.70	4.84	4.79	1.68	ppb
Molybdenum	97-1	5.21	4.72	4.72	4.88	5.80	ppb
Molybdenum	98-1	4.83	4.95	4.86	4.88	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.88	0.89	0.94	0.90	3.38	ppb
Phosphorus	31-2	49.78	-10.41	11.17	16.85	181.02	ppb
Potassium	39-2	525.47	501.83	459.22	495.51	6.78	ppb
Rhodium	103-1				92		%
Rhodium	103-2				99		%
Scandium	45-1				88		%
Scandium	45-2				96		%
Selenium	77-2	5.95	2.35	5.74	4.68	43.14	ppb
Selenium	78-2	4.88	4.78	4.71	4.79	1.83	ppb
Selenium	82-1	5.98	4.45	6.17	5.54	17.02	ppb
Silicon	28-1	2.47	-1.39	3.85	1.64	165.66	ppb
Silver	109-1	0.99	1.02	0.99	1.00	1.60	ppb
Silver	107-1	1.02	0.94	1.04	1.00	5.63	ppb
Sodium	23-2	532.00	579.80	533.87	548.56	4.93	ppb
Strontium	86-1	1.15	0.98	0.90	1.01	12.87	ppb
Strontium	88-1	0.93	0.92	0.93	0.93	0.91	ppb
Sulfur	34-1	2239.69	1160.71	2317.87	1906.09	33.93	ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	0.94	0.96	1.09	0.99	8.35	ppb
Thallium	205-1	1.06	0.99	0.97	1.01	4.29	ppb
Tin	118-1	5.00	4.69	4.61	4.77	4.39	ppb
Titanium	47-1	4.81	4.97	5.12	4.97	3.16	ppb
Uranium	238-1	0.86	0.89	0.86	0.87	1.97	ppb
Vanadium	51-2	4.89	5.24	4.84	4.99	4.40	ppb
Yttrium	89-1				95		%
Yttrium	89-2				97		%
Zinc	66-2	1.98	2.33	2.20	2.17	8.17	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:59:54	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.94	0.91	0.88	0.91	3.69	ppb
Zirconium	91-1	0.88	0.98	0.86	0.90	7.09	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : PB115756BL Instrumnet Name : P8
 Client Sample ID : PB115756BL Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 13:04:37 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.74	1.31	-0.49	1.19	136.35	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	36.19	ppb
Arsenic	75-2	0.00	0.05	0.03	0.03	77.24	ppb
Barium	135-1	-0.05	-0.02	-0.05	-0.04		ppb
Barium	137-1	-0.02	0.02	-0.02	-0.01		ppb
Beryllium	9-1	0.05	0.03	0.02	0.03	43.02	ppb
Bismuth	209-1				106		%
Bismuth	209-2				111		%
Boron	10-1	-11.75	-11.34	-10.73	-11.27		ppb
Boron	11-1	-11.92	-11.90	-11.37	-11.73		ppb
Cadmium	111-1	-0.01	-0.19	-0.06	-0.09		ppb
Cadmium	106-1	-0.38	-2.87	-1.02	-1.42		ppb
Cadmium	108-1	-0.13	-0.32	-0.07	-0.17		ppb
Calcium	43-1	-4.31	0.94	-6.26	-3.21		ppb
Calcium	44-1	119.16	128.70	129.38	125.75	4.55	ppb
Chromium	52-2	-0.11	-0.29	-0.16	-0.19		ppb
Cobalt	59-2	-0.05	-0.03	-0.05	-0.04		ppb
Copper	63-2	0.03	-0.02	0.00	0.00	6485.43	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				108		%
Holmium	165-2				110		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	-3.59	-4.13	-3.56	-3.76		ppb
Iron	57-2	-7.38	-8.71	-4.48	-6.86		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.02	0.01	58.37	ppb
Lead	207-1	0.01	0.03	0.01	0.01	76.74	ppb
Lead	208-1	0.02	0.03	0.04	0.03	29.71	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.32	1.30	3.18	1.60	90.79	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : PB115756BL Instrumnet Name : P8
 Client Sample ID : PB115756BL Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 13:04:37 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.27	-0.23	-0.29	-0.26		ppb
Molybdenum	94-1	0.02	0.00	0.04	0.02	113.02	ppb
Molybdenum	95-1	0.02	0.02	0.05	0.03	72.92	ppb
Molybdenum	96-1	0.00	0.02	0.02	0.01	110.13	ppb
Molybdenum	97-1	0.00	0.02	0.02	0.01	67.75	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	37.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	0.01	-0.02		ppb
Phosphorus	31-2	-24.24	-47.54	-47.54	-39.77		ppb
Potassium	39-2	24.87	-8.39	7.92	8.13	204.54	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				95		%
Scandium	45-2				100		%
Selenium	77-2	-1.11	2.17	8.85	3.30	153.63	ppb
Selenium	78-2	-0.92	-0.92	-0.92	-0.92		ppb
Selenium	82-1	0.81	0.71	1.34	0.95	35.88	ppb
Silicon	28-1	-17.57	-15.91	-17.83	-17.10		ppb
Silver	109-1	0.01	0.00	0.02	0.01	52.13	ppb
Silver	107-1	0.00	0.01	0.02	0.01	76.80	ppb
Sodium	23-2	42.75	39.09	47.36	43.07	9.62	ppb
Strontium	86-1	0.13	0.11	0.04	0.09	55.75	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-55.78	344.20	116.59	135.00	148.61	ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	0.07	0.08	0.04	0.06	28.19	ppb
Thallium	205-1	0.06	0.07	0.07	0.07	11.88	ppb
Tin	118-1	0.01	-0.01	-0.02	-0.01		ppb
Titanium	47-1	-0.04	0.07	-0.08	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	135.75	ppb
Vanadium	51-2	-0.01	-0.02	-0.01	-0.01		ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	0.10	-0.04	-0.08	-0.01		ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	PB115756BL	Instrumnet Name :	P8
Client Sample ID :	PB115756BL	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:04:37	DataFile Name :	021CCBE.d

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

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	PB115756BS	Instrumnet Name :	P8
Client Sample ID :	PB115756BS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:08:02	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9534.77	9373.97	9432.07	9446.94	0.86	ppb
Antimony	121-1	493.92	500.81	501.86	498.87	0.86	ppb
Arsenic	75-2	499.60	486.36	495.33	493.76	1.37	ppb
Barium	135-1	2447.03	2475.07	2509.88	2477.33	1.27	ppb
Barium	137-1	2445.45	2506.86	2524.66	2492.32	1.67	ppb
Beryllium	9-1	526.94	529.99	510.87	522.60	1.97	ppb
Bismuth	209-1				112		%
Bismuth	209-2				115		%
Boron	10-1	510.56	506.71	495.63	504.30	1.54	ppb
Boron	11-1	501.03	515.17	509.10	508.43	1.40	ppb
Cadmium	111-1	490.59	494.40	499.62	494.87	0.92	ppb
Cadmium	106-1	490.23	501.18	498.93	496.78	1.16	ppb
Cadmium	108-1	492.54	498.31	496.98	495.94	0.61	ppb
Calcium	43-1	49568.09	49983.11	50101.61	49884.27	0.56	ppb
Calcium	44-1	50200.83	49603.87	49242.47	49682.39	0.97	ppb
Chromium	52-2	493.05	490.14	489.58	490.93	0.38	ppb
Cobalt	59-2	496.21	486.91	491.29	491.47	0.95	ppb
Copper	63-2	1012.64	998.70	1002.68	1004.67	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				115		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	24930.46	24591.11	24838.11	24786.56	0.71	ppb
Iron	57-2	24618.70	24220.57	24564.67	24467.98	0.88	ppb
Krypton	83-1						cps
Lead	206-1	487.69	482.51	485.49	485.23	0.54	ppb
Lead	207-1	478.24	477.07	483.77	479.69	0.75	ppb
Lead	208-1	491.33	487.88	492.93	490.71	0.53	ppb
Lithium	6-1				105		%
Magnesium	24-2	53748.40	52817.38	53185.30	53250.36	0.88	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	PB115756BS	Instrumnet Name :	P8
Client Sample ID :	PB115756BS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:08:02	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	981.94	970.60	979.48	977.34	0.61	ppb
Molybdenum	94-1	2465.84	2451.98	2449.71	2455.84	0.36	ppb
Molybdenum	95-1	2434.18	2422.77	2426.73	2427.89	0.24	ppb
Molybdenum	96-1	2423.22	2397.68	2424.79	2415.23	0.63	ppb
Molybdenum	97-1	2447.83	2460.46	2472.80	2460.36	0.51	ppb
Molybdenum	98-1	2435.91	2419.72	2434.38	2430.01	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.06	490.99	497.84	497.96	1.41	ppb
Phosphorus	31-2	9978.77	10101.34	9380.75	9820.28	3.93	ppb
Potassium	39-2	24201.87	23828.71	23960.50	23997.03	0.79	ppb
Rhodium	103-1				99		%
Rhodium	103-2				105		%
Scandium	45-1				97		%
Scandium	45-2				103		%
Selenium	77-2	553.21	585.22	452.23	530.22	13.09	ppb
Selenium	78-2	486.20	475.65	498.28	486.71	2.33	ppb
Selenium	82-1	493.18	489.77	494.74	492.56	0.52	ppb
Silicon	28-1	500.49	518.97	532.49	517.32	3.11	ppb
Silver	109-1	498.55	502.56	509.29	503.47	1.08	ppb
Silver	107-1	495.53	503.01	500.87	499.80	0.77	ppb
Sodium	23-2	50502.88	49540.87	49836.61	49960.12	0.99	ppb
Strontium	86-1	485.79	485.50	486.97	486.09	0.16	ppb
Strontium	88-1	491.84	497.11	490.11	493.02	0.74	ppb
Sulfur	34-1	10640.18	10991.34	10694.42	10775.31	1.75	ppb
Terbium	159-1				112		%
Terbium	159-2				113		%
Thallium	203-1	486.41	479.78	480.65	482.28	0.75	ppb
Thallium	205-1	500.45	492.70	505.41	499.52	1.28	ppb
Tin	118-1	493.38	499.27	505.80	499.48	1.24	ppb
Titanium	47-1	2444.52	2454.29	2456.16	2451.66	0.25	ppb
Uranium	238-1	483.34	477.04	480.97	480.45	0.66	ppb
Vanadium	51-2	491.50	486.69	495.29	491.16	0.88	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	1006.23	974.32	1004.55	995.03	1.81	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	PB115756BS	Instrumnet Name :	P8
Client Sample ID :	PB115756BS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:08:02	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	496.12	484.16	491.02	490.43	1.22	ppb
Zirconium	91-1	484.96	482.33	483.56	483.62	0.27	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-01	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0006-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:23:07	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	113913.33	107688.90	103661.25	108421.16	4.76	ppb
Antimony	121-1	2.19	2.24	2.49	2.31	6.89	ppb
Arsenic	75-2	24.00	22.55	22.18	22.91	4.19	ppb
Barium	135-1	4597.68	4893.60	4805.50	4765.60	3.19	ppb
Barium	137-1	4621.01	4889.04	4801.89	4770.65	2.87	ppb
Beryllium	9-1	9.73	10.06	9.87	9.89	1.67	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	16.12	14.63	15.64	15.47	4.91	ppb
Boron	11-1	14.69	15.75	14.66	15.03	4.13	ppb
Cadmium	111-1	7.17	7.64	7.36	7.39	3.17	ppb
Cadmium	106-1	13.28	14.57	15.55	14.47	7.84	ppb
Cadmium	108-1	8.01	9.88	9.10	9.00	10.40	ppb
Calcium	43-1	104772.12	113503.16	108134.42	108803.23	4.05	ppb
Calcium	44-1	103712.18	109646.01	105892.55	106416.91	2.82	ppb
Chromium	52-2	115.68	109.92	105.20	110.27	4.76	ppb
Cobalt	59-2	47.19	45.20	43.07	45.16	4.56	ppb
Copper	63-2	359.54	338.16	324.89	340.86	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				103		%
Holmium	165-2				103		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	56-2	126229.64	120938.94	116842.51	121337.03	3.88	ppb
Iron	57-2	128669.94	121774.37	119312.70	123252.33	3.94	ppb
Krypton	83-1						cps
Lead	206-1	514.66	549.43	534.47	532.85	3.27	ppb
Lead	207-1	474.91	509.52	494.86	493.09	3.52	ppb
Lead	208-1	501.69	535.72	525.06	520.82	3.34	ppb
Lithium	6-1				91		%
Magnesium	24-2	21283.14	20389.39	19473.65	20382.06	4.44	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-01	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0006-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:23:07	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	13395.68	12744.59	12128.90	12756.39	4.97	ppb
Molybdenum	94-1	42.58	45.88	45.71	44.72	4.15	ppb
Molybdenum	95-1	5.38	5.41	5.64	5.48	2.63	ppb
Molybdenum	96-1	10.15	10.43	10.43	10.34	1.53	ppb
Molybdenum	97-1	5.57	5.95	5.92	5.82	3.60	ppb
Molybdenum	98-1	5.11	5.56	5.70	5.46	5.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	140.99	134.25	127.41	134.22	5.06	ppb
Phosphorus	31-2	11324.43	10726.67	10150.91	10734.00	5.47	ppb
Potassium	39-2	5957.73	5603.76	5417.00	5659.50	4.85	ppb
Rhodium	103-1				92		%
Rhodium	103-2				96		%
Scandium	45-1				93		%
Scandium	45-2				99		%
Selenium	77-2	190.22	191.20	171.70	184.37	5.96	ppb
Selenium	78-2	39.30	36.62	44.40	40.10	9.86	ppb
Selenium	82-1	13.13	15.06	13.74	13.98	7.04	ppb
Silicon	28-1	10134.32	10615.28	10347.50	10365.70	2.32	ppb
Silver	109-1	0.60	0.61	0.55	0.58	5.69	ppb
Silver	107-1	0.58	0.62	0.64	0.61	5.09	ppb
Sodium	23-2	1374.78	1281.84	1239.30	1298.64	5.34	ppb
Strontium	86-1	543.77	571.19	574.22	563.06	2.98	ppb
Strontium	88-1	552.81	581.12	580.89	571.61	2.85	ppb
Sulfur	34-1	38835.12	41295.86	39736.79	39955.92	3.12	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	1.01	1.05	1.04	1.03	1.94	ppb
Thallium	205-1	0.99	1.02	0.97	0.99	2.63	ppb
Tin	118-1	3.82	3.82	3.89	3.85	1.05	ppb
Titanium	47-1	314.44	330.48	316.55	320.49	2.72	ppb
Uranium	238-1	6.13	6.53	6.37	6.35	3.15	ppb
Vanadium	51-2	171.17	160.36	153.73	161.76	5.44	ppb
Yttrium	89-1				131		%
Yttrium	89-2				131		%
Zinc	66-2	822.32	772.78	750.97	782.02	4.68	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-01	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0006-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:23:07	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	26.22	27.68	27.70	27.20	3.11	ppb
Zirconium	91-1	25.90	27.59	27.29	26.93	3.35	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-02	Instrumnet Name :	P8
Client Sample ID :	P001-SD012-0612-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:26:26	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88105.14	82830.93	83987.54	84974.54	3.26	ppb
Antimony	121-1	0.27	0.32	0.28	0.29	8.41	ppb
Arsenic	75-2	34.86	33.15	34.41	34.14	2.60	ppb
Barium	135-1	701.08	723.39	679.69	701.39	3.12	ppb
Barium	137-1	704.56	728.78	680.93	704.75	3.39	ppb
Beryllium	9-1	3.15	3.04	2.95	3.05	3.30	ppb
Bismuth	209-1				99		%
Bismuth	209-2				103		%
Boron	10-1	-1.75	-3.50	-0.63	-1.96		ppb
Boron	11-1	-2.59	-1.10	-2.06	-1.92		ppb
Cadmium	111-1	1.72	1.81	1.67	1.73	4.26	ppb
Cadmium	106-1	6.49	6.61	5.69	6.26	7.99	ppb
Cadmium	108-1	4.06	3.06	4.01	3.71	15.16	ppb
Calcium	43-1	14416.01	14463.05	13899.10	14259.39	2.19	ppb
Calcium	44-1	14710.34	14962.25	14062.34	14578.31	3.18	ppb
Chromium	52-2	114.44	106.92	108.84	110.07	3.55	ppb
Cobalt	59-2	93.34	87.66	88.49	89.83	3.42	ppb
Copper	63-2	128.28	120.04	122.70	123.67	3.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	56-2	160767.18	151076.67	153199.45	155014.44	3.29	ppb
Iron	57-2	163036.57	154703.66	154776.95	157505.73	3.04	ppb
Krypton	83-1						cps
Lead	206-1	131.27	135.66	128.71	131.88	2.66	ppb
Lead	207-1	120.25	124.71	119.69	121.55	2.26	ppb
Lead	208-1	125.59	129.74	123.53	126.28	2.51	ppb
Lithium	6-1				90		%
Magnesium	24-2	40743.94	38620.65	38312.40	39225.66	3.37	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-02	Instrumnet Name :	P8
Client Sample ID :	P001-SD012-0612-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:26:26	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1999.69	1868.15	1908.48	1925.44	3.50	ppb
Molybdenum	94-1	44.77	44.57	42.83	44.06	2.43	ppb
Molybdenum	95-1	2.95	3.18	2.69	2.94	8.26	ppb
Molybdenum	96-1	8.10	8.39	8.03	8.17	2.32	ppb
Molybdenum	97-1	2.89	2.92	2.86	2.89	1.00	ppb
Molybdenum	98-1	2.91	2.99	2.90	2.93	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	194.93	184.34	186.73	188.67	2.94	ppb
Phosphorus	31-2	3324.18	3119.79	3424.00	3289.32	4.71	ppb
Potassium	39-2	4722.00	4433.59	4419.16	4524.92	3.78	ppb
Rhodium	103-1				94		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				102		%
Selenium	77-2	139.31	159.78	138.51	145.87	8.26	ppb
Selenium	78-2	22.18	25.55	27.31	25.01	10.43	ppb
Selenium	82-1	2.65	4.27	3.86	3.59	23.38	ppb
Silicon	28-1	13120.89	13420.20	12768.08	13103.05	2.49	ppb
Silver	109-1	0.16	0.20	0.19	0.18	9.09	ppb
Silver	107-1	0.23	0.23	0.20	0.22	8.10	ppb
Sodium	23-2	792.34	733.96	748.91	758.40	4.00	ppb
Strontium	86-1	78.86	80.63	76.28	78.59	2.78	ppb
Strontium	88-1	78.66	81.30	77.59	79.18	2.41	ppb
Sulfur	34-1	6765.08	6990.30	5289.60	6348.33	14.55	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	0.41	0.44	0.43	0.43	3.99	ppb
Thallium	205-1	0.45	0.42	0.45	0.44	3.92	ppb
Tin	118-1	1.33	1.40	1.30	1.34	4.01	ppb
Titanium	47-1	313.93	324.58	304.96	314.49	3.12	ppb
Uranium	238-1	3.58	3.83	3.74	3.72	3.34	ppb
Vanadium	51-2	113.54	104.38	108.48	108.80	4.22	ppb
Yttrium	89-1				116		%
Yttrium	89-2				116		%
Zinc	66-2	779.02	733.79	748.04	753.62	3.07	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-02	Instrumnet Name :	P8
Client Sample ID :	P001-SD012-0612-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:26:26	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	27.89	28.63	27.59	28.04	1.91	ppb
Zirconium	91-1	27.62	28.48	27.08	27.73	2.53	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-03	Instrumnet Name :	P8
Client Sample ID :	P001-SD014-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:29:49	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	152379.50	151811.46	153093.41	152428.12	0.42	ppb
Antimony	121-1	0.83	0.82	0.78	0.81	3.35	ppb
Arsenic	75-2	26.35	26.91	27.25	26.84	1.70	ppb
Barium	135-1	4500.12	4517.85	4477.04	4498.34	0.45	ppb
Barium	137-1	4509.84	4478.72	4463.77	4484.11	0.52	ppb
Beryllium	9-1	9.76	9.85	9.51	9.71	1.83	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	4.32	4.98	3.43	4.25	18.37	ppb
Boron	11-1	5.06	5.44	4.69	5.06	7.48	ppb
Cadmium	111-1	5.22	5.63	5.06	5.30	5.58	ppb
Cadmium	106-1	10.20	11.85	9.89	10.65	9.94	ppb
Cadmium	108-1	6.30	6.16	7.38	6.61	10.05	ppb
Calcium	43-1	69439.79	68616.93	69219.56	69092.09	0.62	ppb
Calcium	44-1	68561.66	68449.86	69345.82	68785.78	0.71	ppb
Chromium	52-2	156.49	155.10	156.33	155.98	0.49	ppb
Cobalt	59-2	66.68	67.00	68.10	67.26	1.11	ppb
Copper	63-2	307.00	302.94	306.63	305.52	0.73	ppb
Dysprosium	156-1						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				97		%
Indium	115-2				98		%
Iron	56-2	183421.62	182096.21	184790.31	183436.05	0.73	ppb
Iron	57-2	185912.07	184579.85	186464.53	185652.15	0.52	ppb
Krypton	83-1						cps
Lead	206-1	474.63	477.01	474.88	475.51	0.28	ppb
Lead	207-1	437.45	442.02	441.15	440.21	0.55	ppb
Lead	208-1	465.11	469.28	459.95	464.78	1.01	ppb
Lithium	6-1				89		%
Magnesium	24-2	36731.32	36530.88	36640.69	36634.30	0.27	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-03	Instrumnet Name :	P8
Client Sample ID :	P001-SD014-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:29:49	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6210.33	6166.06	6265.71	6214.03	0.80	ppb
Molybdenum	94-1	37.42	38.63	38.11	38.05	1.60	ppb
Molybdenum	95-1	6.30	6.31	5.99	6.20	2.92	ppb
Molybdenum	96-1	10.38	10.54	10.45	10.46	0.78	ppb
Molybdenum	97-1	6.09	6.21	6.47	6.26	3.11	ppb
Molybdenum	98-1	6.47	6.40	6.41	6.43	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	180.02	178.95	180.33	179.77	0.40	ppb
Phosphorus	31-2	11773.99	10780.52	10932.28	11162.27	4.79	ppb
Potassium	39-2	6178.74	6173.65	6190.20	6180.86	0.14	ppb
Rhodium	103-1				95		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	77-2	255.59	222.50	238.85	238.98	6.92	ppb
Selenium	78-2	50.83	51.75	51.02	51.20	0.95	ppb
Selenium	82-1	12.87	12.52	11.81	12.40	4.35	ppb
Silicon	28-1	11681.25	11502.06	11406.46	11529.92	1.21	ppb
Silver	109-1	0.48	0.37	0.46	0.44	13.99	ppb
Silver	107-1	0.47	0.51	0.46	0.48	5.83	ppb
Sodium	23-2	1392.10	1370.99	1388.47	1383.85	0.82	ppb
Strontium	86-1	383.16	384.70	389.23	385.69	0.82	ppb
Strontium	88-1	385.97	390.84	391.74	389.52	0.80	ppb
Sulfur	34-1	29725.28	29981.15	29972.39	29892.94	0.49	ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.92	0.91	1.12	0.98	11.85	ppb
Thallium	205-1	1.04	0.99	0.98	1.00	3.37	ppb
Tin	118-1	5.24	5.06	5.02	5.11	2.32	ppb
Titanium	47-1	238.20	235.03	239.36	237.53	0.94	ppb
Uranium	238-1	8.56	8.29	8.17	8.34	2.35	ppb
Vanadium	51-2	208.44	208.05	207.36	207.95	0.26	ppb
Yttrium	89-1				135		%
Yttrium	89-2				133		%
Zinc	66-2	873.00	858.40	854.33	861.91	1.14	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-03	Instrumnet Name :	P8
Client Sample ID :	P001-SD014-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:29:49	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	22.48	22.76	22.44	22.56	0.78	ppb
Zirconium	91-1	22.01	22.36	22.67	22.34	1.47	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-04 Instrumnet Name : P8
 Client Sample ID : P001-SD014-0612-01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 13:33:08 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	110491.91	111559.08	109505.58	110518.86	0.93	ppb
Antimony	121-1	0.12	0.15	0.13	0.13	9.02	ppb
Arsenic	75-2	8.03	8.11	8.22	8.12	1.21	ppb
Barium	135-1	1697.05	1721.95	1674.14	1697.71	1.41	ppb
Barium	137-1	1722.21	1723.29	1705.93	1717.14	0.57	ppb
Beryllium	9-1	3.52	3.59	3.67	3.60	2.07	ppb
Bismuth	209-1				100		%
Bismuth	209-2				105		%
Boron	10-1	1.25	1.09	3.18	1.84	63.39	ppb
Boron	11-1	-0.07	-0.55	0.48	-0.05		ppb
Cadmium	111-1	1.14	1.44	0.98	1.19	19.85	ppb
Cadmium	106-1	4.46	7.37	3.14	4.99	43.35	ppb
Cadmium	108-1	2.04	2.61	2.43	2.36	12.45	ppb
Calcium	43-1	17726.25	17546.05	17365.45	17545.91	1.03	ppb
Calcium	44-1	17899.35	17607.12	17627.25	17711.24	0.92	ppb
Chromium	52-2	124.58	124.14	122.06	123.59	1.09	ppb
Cobalt	59-2	44.22	45.29	42.69	44.07	2.96	ppb
Copper	63-2	162.19	166.44	158.36	162.33	2.49	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				105		%
Holmium	165-2				108		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	114061.20	117030.45	112458.69	114516.78	2.03	ppb
Iron	57-2	117104.46	118437.13	114125.31	116555.63	1.89	ppb
Krypton	83-1						cps
Lead	206-1	180.17	173.99	173.20	175.79	2.17	ppb
Lead	207-1	164.87	158.15	159.35	160.79	2.23	ppb
Lead	208-1	171.54	164.42	165.19	167.05	2.34	ppb
Lithium	6-1				90		%
Magnesium	24-2	31730.08	32207.94	31061.35	31666.45	1.82	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-04	Instrumnet Name :	P8
Client Sample ID :	P001-SD014-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:33:08	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1252.43	1278.87	1225.42	1252.24	2.13	ppb
Molybdenum	94-1	33.00	32.77	32.48	32.75	0.78	ppb
Molybdenum	95-1	0.68	0.66	0.64	0.66	3.06	ppb
Molybdenum	96-1	4.65	4.56	4.53	4.58	1.32	ppb
Molybdenum	97-1	0.62	0.71	0.63	0.65	7.37	ppb
Molybdenum	98-1	0.60	0.58	0.64	0.61	4.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.60	130.73	126.25	128.53	1.75	ppb
Phosphorus	31-2	4311.48	5023.54	4589.78	4641.60	7.73	ppb
Potassium	39-2	4838.08	5040.57	4809.50	4896.05	2.57	ppb
Rhodium	103-1				94		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				103		%
Selenium	77-2	218.31	215.46	201.11	211.63	4.36	ppb
Selenium	78-2	36.10	34.25	37.81	36.05	4.95	ppb
Selenium	82-1	6.76	5.60	6.50	6.28	9.70	ppb
Silicon	28-1	16841.01	16695.34	16636.63	16724.32	0.63	ppb
Silver	109-1	0.35	0.40	0.35	0.37	8.46	ppb
Silver	107-1	0.38	0.38	0.37	0.37	1.91	ppb
Sodium	23-2	673.96	698.50	667.81	680.09	2.39	ppb
Strontium	86-1	95.83	95.61	95.35	95.60	0.25	ppb
Strontium	88-1	100.40	99.20	97.08	98.89	1.70	ppb
Sulfur	34-1	-4107.32	-4535.63	-4938.95	-4527.30		ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.74	0.72	0.64	0.70	7.93	ppb
Thallium	205-1	0.74	0.69	0.78	0.74	5.85	ppb
Tin	118-1	1.26	1.23	1.17	1.22	3.86	ppb
Titanium	47-1	349.20	340.79	338.38	342.79	1.66	ppb
Uranium	238-1	3.88	3.75	3.83	3.82	1.72	ppb
Vanadium	51-2	98.76	101.04	97.61	99.13	1.76	ppb
Yttrium	89-1				121		%
Yttrium	89-2				121		%
Zinc	66-2	468.65	487.94	471.31	475.96	2.20	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-04	Instrumnet Name :	P8
Client Sample ID :	P001-SD014-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:33:08	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	21.43	21.22	21.04	21.23	0.90	ppb
Zirconium	91-1	21.17	21.31	21.16	21.21	0.38	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-05	Instrumnet Name :	P8
Client Sample ID :	P001-SS001-0612-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:36:29	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	80118.93	83846.51	87115.85	83693.76	4.18	ppb
Antimony	121-1	0.48	0.50	0.56	0.51	8.41	ppb
Arsenic	75-2	46.19	47.42	48.56	47.39	2.50	ppb
Barium	135-1	1392.31	1404.68	1455.57	1417.52	2.37	ppb
Barium	137-1	1417.98	1455.96	1485.15	1453.03	2.32	ppb
Beryllium	9-1	5.38	5.42	5.29	5.36	1.25	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	13.99	14.66	14.62	14.42	2.60	ppb
Boron	11-1	12.59	12.53	15.52	13.55	12.61	ppb
Cadmium	111-1	1.94	1.99	2.13	2.02	4.96	ppb
Cadmium	106-1	11.14	11.07	12.67	11.63	7.78	ppb
Cadmium	108-1	4.70	4.32	5.82	4.95	15.80	ppb
Calcium	43-1	94737.01	98526.51	98111.77	97125.10	2.14	ppb
Calcium	44-1	94041.79	96734.59	96609.37	95795.25	1.59	ppb
Chromium	52-2	125.01	129.80	135.33	130.04	3.97	ppb
Cobalt	59-2	77.54	81.71	83.84	81.03	3.96	ppb
Copper	63-2	244.16	256.17	265.38	255.24	4.17	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				108		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	222556.40	232756.29	239615.63	231642.77	3.71	ppb
Iron	57-2	224448.54	231966.29	237427.13	231280.66	2.82	ppb
Krypton	83-1						cps
Lead	206-1	181.68	183.90	187.65	184.41	1.64	ppb
Lead	207-1	165.27	167.32	171.96	168.18	2.04	ppb
Lead	208-1	172.36	173.40	178.64	174.80	1.93	ppb
Lithium	6-1				88		%
Magnesium	24-2	58391.70	60793.11	62270.55	60485.12	3.24	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-05	Instrumnet Name :	P8
Client Sample ID :	P001-SS001-0612-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:36:29	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7709.53	8067.59	8216.85	7997.99	3.26	ppb
Molybdenum	94-1	69.10	70.08	70.69	69.96	1.15	ppb
Molybdenum	95-1	3.60	3.62	3.68	3.63	1.23	ppb
Molybdenum	96-1	11.84	11.61	11.86	11.77	1.19	ppb
Molybdenum	97-1	3.85	3.59	3.58	3.68	4.16	ppb
Molybdenum	98-1	3.51	3.58	3.86	3.65	5.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	192.69	200.64	208.99	200.77	4.06	ppb
Phosphorus	31-2	6755.49	7627.96	6876.63	7086.69	6.67	ppb
Potassium	39-2	8744.03	9148.58	9507.33	9133.31	4.18	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	77-2	196.41	189.65	234.12	206.73	11.59	ppb
Selenium	78-2	37.99	34.82	35.52	36.11	4.61	ppb
Selenium	82-1	2.92	2.38	2.88	2.73	11.07	ppb
Silicon	28-1	10550.68	10846.12	10824.71	10740.50	1.53	ppb
Silver	109-1	0.45	0.50	0.50	0.48	5.84	ppb
Silver	107-1	0.54	0.54	0.48	0.52	6.48	ppb
Sodium	23-2	776.70	808.42	857.23	814.12	4.98	ppb
Strontium	86-1	298.44	303.22	306.53	302.73	1.34	ppb
Strontium	88-1	305.12	307.87	311.50	308.17	1.04	ppb
Sulfur	34-1	-4700.74	-4105.68	-3925.92	-4244.12		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.54	0.47	0.57	0.53	9.74	ppb
Thallium	205-1	0.51	0.53	0.53	0.52	2.19	ppb
Tin	118-1	1.29	1.20	1.22	1.23	3.90	ppb
Titanium	47-1	263.76	268.39	271.35	267.83	1.43	ppb
Uranium	238-1	3.73	3.54	3.68	3.65	2.77	ppb
Vanadium	51-2	126.28	130.67	134.90	130.62	3.30	ppb
Yttrium	89-1				130		%
Yttrium	89-2				126		%
Zinc	66-2	651.96	682.05	706.75	680.25	4.03	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-05	Instrumnet Name :	P8
Client Sample ID :	P001-SS001-0612-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:36:29	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	44.81	45.32	46.15	45.43	1.49	ppb
Zirconium	91-1	44.57	44.52	46.13	45.07	2.04	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-09	Instrumnet Name :	P8
Client Sample ID :	P001-SD003-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:39:52	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88332.18	84061.02	82760.18	85051.13	3.43	ppb
Antimony	121-1	0.09	0.07	0.10	0.09	18.64	ppb
Arsenic	75-2	13.30	12.87	12.44	12.87	3.32	ppb
Barium	135-1	1761.35	1780.61	1762.53	1768.16	0.61	ppb
Barium	137-1	1750.27	1793.23	1780.37	1774.62	1.24	ppb
Beryllium	9-1	3.31	3.67	3.71	3.56	6.18	ppb
Bismuth	209-1				94		%
Bismuth	209-2				102		%
Boron	10-1	-7.76	-6.91	-7.01	-7.22		ppb
Boron	11-1	-8.81	-8.71	-9.53	-9.02		ppb
Cadmium	111-1	0.69	0.73	0.64	0.69	6.71	ppb
Cadmium	106-1	2.39	3.91	3.11	3.14	24.23	ppb
Cadmium	108-1	1.60	1.62	1.58	1.60	1.31	ppb
Calcium	43-1	16111.46	16646.98	16282.83	16347.09	1.67	ppb
Calcium	44-1	16315.60	16878.06	16753.06	16648.91	1.77	ppb
Chromium	52-2	71.89	68.55	68.19	69.54	2.93	ppb
Cobalt	59-2	34.94	33.70	33.00	33.88	2.90	ppb
Copper	63-2	60.60	58.42	55.82	58.28	4.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				105		%
Indium	115-1				93		%
Indium	115-2				98		%
Iron	56-2	98380.64	94285.12	91428.44	94698.06	3.69	ppb
Iron	57-2	99761.99	95061.65	92995.70	95939.78	3.61	ppb
Krypton	83-1						cps
Lead	206-1	108.31	111.94	109.72	109.99	1.67	ppb
Lead	207-1	100.20	102.65	101.36	101.40	1.21	ppb
Lead	208-1	103.47	106.90	104.97	105.11	1.64	ppb
Lithium	6-1				81		%
Magnesium	24-2	17673.12	16788.35	16260.86	16907.45	4.22	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-09	Instrumnet Name :	P8
Client Sample ID :	P001-SD003-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:39:52	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3672.13	3517.14	3432.78	3540.68	3.43	ppb
Molybdenum	94-1	25.83	26.37	25.59	25.93	1.54	ppb
Molybdenum	95-1	1.37	1.34	1.39	1.37	1.60	ppb
Molybdenum	96-1	4.44	4.37	4.43	4.41	0.90	ppb
Molybdenum	97-1	1.36	1.56	1.20	1.37	13.20	ppb
Molybdenum	98-1	1.39	1.39	1.32	1.37	2.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	87.77	85.67	83.01	85.49	2.79	ppb
Phosphorus	31-2	4112.80	3251.09	3388.09	3583.99	12.92	ppb
Potassium	39-2	3677.29	3503.91	3426.34	3535.84	3.63	ppb
Rhodium	103-1				90		%
Rhodium	103-2				100		%
Scandium	45-1				91		%
Scandium	45-2				102		%
Selenium	77-2	87.80	96.30	92.40	92.17	4.61	ppb
Selenium	78-2	15.79	18.10	10.49	14.79	26.40	ppb
Selenium	82-1	3.79	3.16	2.30	3.08	24.25	ppb
Silicon	28-1	6554.89	6804.60	6647.19	6668.89	1.89	ppb
Silver	109-1	0.12	0.14	0.14	0.14	7.10	ppb
Silver	107-1	0.15	0.15	0.15	0.15	1.56	ppb
Sodium	23-2	810.87	781.31	740.71	777.63	4.53	ppb
Strontium	86-1	114.67	116.24	114.30	115.07	0.90	ppb
Strontium	88-1	118.02	118.99	117.52	118.18	0.63	ppb
Sulfur	34-1	-1480.38	-1484.49	-2005.21	-1656.69		ppb
Terbium	159-1				98		%
Terbium	159-2				104		%
Thallium	203-1	0.59	0.57	0.62	0.59	4.86	ppb
Thallium	205-1	0.64	0.59	0.65	0.63	5.31	ppb
Tin	118-1	0.91	0.97	0.94	0.94	3.67	ppb
Titanium	47-1	43.17	45.93	45.47	44.86	3.31	ppb
Uranium	238-1	2.12	2.19	2.16	2.16	1.53	ppb
Vanadium	51-2	75.25	72.68	70.54	72.82	3.24	ppb
Yttrium	89-1				105		%
Yttrium	89-2				109		%
Zinc	66-2	266.19	254.23	243.58	254.67	4.44	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-09	Instrumnet Name :	P8
Client Sample ID :	P001-SD003-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:39:52	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	16.63	16.59	16.36	16.53	0.86	ppb
Zirconium	91-1	16.56	16.43	16.09	16.36	1.46	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-10	Instrumnet Name :	P8
Client Sample ID :	P001-SD003-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:43:14	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	82808.99	83989.97	79126.44	81975.13	3.09	ppb
Antimony	121-1	0.06	0.05	0.05	0.05	7.38	ppb
Arsenic	75-2	5.23	5.21	5.25	5.23	0.41	ppb
Barium	135-1	1410.80	1409.61	1532.09	1450.83	4.85	ppb
Barium	137-1	1427.38	1448.64	1594.31	1490.11	6.10	ppb
Beryllium	9-1	2.08	2.10	2.33	2.17	6.30	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-8.85	-5.99	-9.63	-8.16		ppb
Boron	11-1	-10.01	-10.03	-9.42	-9.82		ppb
Cadmium	111-1	0.38	0.28	0.38	0.35	17.15	ppb
Cadmium	106-1	0.89	-0.60	1.05	0.45	203.85	ppb
Cadmium	108-1	0.53	0.33	0.91	0.59	50.34	ppb
Calcium	43-1	12089.55	12449.86	13168.88	12569.43	4.37	ppb
Calcium	44-1	12178.29	12660.88	13476.67	12771.95	5.14	ppb
Chromium	52-2	63.23	64.08	60.09	62.46	3.36	ppb
Cobalt	59-2	17.51	17.55	16.90	17.32	2.12	ppb
Copper	63-2	28.33	28.67	27.68	28.23	1.79	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				104		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	50747.67	51678.05	49034.28	50486.67	2.66	ppb
Iron	57-2	50086.18	50641.91	48330.50	49686.20	2.43	ppb
Krypton	83-1						cps
Lead	206-1	54.07	55.87	60.49	56.81	5.82	ppb
Lead	207-1	49.52	51.37	54.87	51.92	5.24	ppb
Lead	208-1	51.55	53.19	57.81	54.18	5.99	ppb
Lithium	6-1				84		%
Magnesium	24-2	11522.82	11779.89	11159.17	11487.30	2.72	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-10	Instrumnet Name :	P8
Client Sample ID :	P001-SD003-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:43:14	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1470.59	1511.33	1425.51	1469.14	2.92	ppb
Molybdenum	94-1	8.68	9.08	9.29	9.02	3.45	ppb
Molybdenum	95-1	0.48	0.51	0.50	0.50	2.47	ppb
Molybdenum	96-1	1.60	1.51	1.79	1.63	8.59	ppb
Molybdenum	97-1	0.41	0.42	0.55	0.46	16.06	ppb
Molybdenum	98-1	0.38	0.44	0.49	0.44	12.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.03	52.89	49.67	51.20	3.16	ppb
Phosphorus	31-2	3299.16	3329.32	2958.04	3195.51	6.45	ppb
Potassium	39-2	3285.46	3298.31	3098.53	3227.43	3.46	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	77-2	124.95	103.02	106.29	111.42	10.62	ppb
Selenium	78-2	15.03	19.42	15.70	16.72	14.14	ppb
Selenium	82-1	1.72	2.93	2.85	2.50	27.14	ppb
Silicon	28-1	7110.17	7264.67	7815.01	7396.62	5.01	ppb
Silver	109-1	0.09	0.12	0.14	0.12	20.35	ppb
Silver	107-1	0.14	0.12	0.10	0.12	20.08	ppb
Sodium	23-2	874.73	916.82	871.83	887.79	2.84	ppb
Strontium	86-1	82.24	82.94	89.09	84.75	4.45	ppb
Strontium	88-1	83.60	84.74	90.04	86.13	3.99	ppb
Sulfur	34-1	-5640.20	-5520.19	-4479.43	-5213.27		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.52	0.59	0.62	0.58	8.81	ppb
Thallium	205-1	0.61	0.65	0.65	0.63	3.95	ppb
Tin	118-1	1.03	1.08	1.09	1.07	3.20	ppb
Titanium	47-1	45.71	48.08	50.79	48.19	5.27	ppb
Uranium	238-1	1.79	1.86	1.96	1.87	4.63	ppb
Vanadium	51-2	56.16	55.92	53.12	55.07	3.06	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	151.16	155.80	147.46	151.47	2.76	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-10	Instrumnet Name :	P8
Client Sample ID :	P001-SD003-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:43:14	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	5.54	5.70	6.15	5.80	5.46	ppb
Zirconium	91-1	5.36	5.35	6.04	5.58	7.11	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:49:08	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49965.35	49375.99	47308.54	48883.29	2.85	ppb
Antimony	121-1	569.92	503.26	491.26	521.48	8.13	ppb
Arsenic	75-2	518.34	503.52	482.36	501.41	3.61	ppb
Barium	135-1	2866.49	2473.36	2462.45	2600.77	8.85	ppb
Barium	137-1	2878.20	2496.04	2419.34	2597.86	9.46	ppb
Beryllium	9-1	640.90	570.70	548.20	586.60	8.24	ppb
Bismuth	209-1				93		%
Bismuth	209-2				98		%
Boron	10-1	623.33	553.25	543.52	573.36	7.59	ppb
Boron	11-1	624.56	562.93	562.75	583.41	6.11	ppb
Cadmium	111-1	556.76	485.21	484.12	508.70	8.18	ppb
Cadmium	106-1	565.27	483.60	500.70	516.53	8.34	ppb
Cadmium	108-1	556.13	496.04	479.38	510.52	7.91	ppb
Calcium	43-1	280310.80	247504.74	238399.13	255404.89	8.63	ppb
Calcium	44-1	277437.61	247733.52	237710.54	254293.89	8.12	ppb
Chromium	52-2	505.64	501.52	474.58	493.91	3.41	ppb
Cobalt	59-2	502.74	484.78	464.35	483.96	3.97	ppb
Copper	63-2	974.81	953.12	906.51	944.81	3.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				104		%
Indium	115-1				93		%
Indium	115-2				96		%
Iron	56-2	125383.72	122632.29	117344.32	121786.78	3.35	ppb
Iron	57-2	128912.70	124020.15	118106.93	123679.93	4.37	ppb
Krypton	83-1						cps
Lead	206-1	555.80	487.89	472.62	505.44	8.76	ppb
Lead	207-1	553.11	487.93	472.88	504.64	8.45	ppb
Lead	208-1	564.38	497.46	478.34	513.39	8.80	ppb
Lithium	6-1				79		%
Magnesium	24-2	244772.44	242694.70	229623.13	239030.09	3.44	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:49:08	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	986.02	969.69	928.52	961.41	3.08	ppb
Molybdenum	94-1	2804.15	2458.87	2429.17	2564.06	8.13	ppb
Molybdenum	95-1	2805.10	2464.41	2389.26	2552.92	8.68	ppb
Molybdenum	96-1	2794.06	2455.86	2379.46	2543.13	8.68	ppb
Molybdenum	97-1	2788.61	2518.59	2407.29	2571.50	7.63	ppb
Molybdenum	98-1	2781.46	2471.05	2393.24	2548.58	8.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.72	488.02	466.79	485.51	3.62	ppb
Phosphorus	31-2	10793.69	9928.54	9809.15	10177.13	5.28	ppb
Potassium	39-2	124635.48	123656.94	118025.74	122106.05	2.92	ppb
Rhodium	103-1				89		%
Rhodium	103-2				96		%
Scandium	45-1				89		%
Scandium	45-2				100		%
Selenium	77-2	439.92	511.19	493.41	481.51	7.70	ppb
Selenium	78-2	504.15	472.43	474.48	483.69	3.67	ppb
Selenium	82-1	552.16	485.31	482.79	506.76	7.76	ppb
Silicon	28-1	566.85	507.08	484.80	519.58	8.17	ppb
Silver	109-1	573.14	493.48	488.92	518.51	9.14	ppb
Silver	107-1	567.08	493.09	486.84	515.67	8.66	ppb
Sodium	23-2	246075.21	242115.60	231660.48	239950.43	3.10	ppb
Strontium	86-1	552.99	493.03	476.30	507.44	7.95	ppb
Strontium	88-1	561.61	495.88	483.75	513.75	8.15	ppb
Sulfur	34-1	11932.63	8542.94	7623.34	9366.31	24.23	ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	552.50	489.69	477.28	506.49	7.96	ppb
Thallium	205-1	567.07	512.02	490.67	523.25	7.53	ppb
Tin	118-1	573.43	497.75	489.71	520.29	8.88	ppb
Titanium	47-1	2875.15	2519.16	2454.36	2616.22	8.66	ppb
Uranium	238-1	563.43	500.83	480.60	514.95	8.39	ppb
Vanadium	51-2	505.25	495.83	474.23	491.77	3.23	ppb
Yttrium	89-1				97		%
Yttrium	89-2				100		%
Zinc	66-2	998.19	964.05	921.42	961.22	4.00	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:49:08	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	567.09	489.27	487.54	514.63	8.83	ppb
Zirconium	91-1	552.76	488.52	476.10	505.80	8.13	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : CCB12 Instrumnet Name : P8
 Client Sample ID : CCB12 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 13:57:07 DataFile Name : 031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.09	3.80	-0.25	1.15	198.92	ppb
Antimony	121-1	0.08	0.16	0.16	0.13	35.54	ppb
Arsenic	75-2	0.05	0.05	0.05	0.05	2.25	ppb
Barium	135-1	-0.03	-0.03	-0.05	-0.04		ppb
Barium	137-1	-0.01	0.00	-0.02	-0.01		ppb
Beryllium	9-1	0.03	0.04	0.05	0.04	33.76	ppb
Bismuth	209-1				95		%
Bismuth	209-2				97		%
Boron	10-1	-6.81	-7.03	-7.32	-7.05		ppb
Boron	11-1	-8.90	-6.62	-10.67	-8.73		ppb
Cadmium	111-1	-0.15	-0.11	-0.08	-0.11		ppb
Cadmium	106-1	-2.05	-1.52	-1.16	-1.58		ppb
Cadmium	108-1	-0.10	-0.10	-0.10	-0.10		ppb
Calcium	43-1	-8.42	-2.72	-5.13	-5.42		ppb
Calcium	44-1	22.49	25.60	27.95	25.35	10.80	ppb
Chromium	52-2	0.04	0.10	-0.04	0.03	194.30	ppb
Cobalt	59-2	-0.06	-0.06	-0.08	-0.07		ppb
Copper	63-2	0.01	0.01	-0.02	0.00	1085.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	-3.49	-2.88	-3.36	-3.24		ppb
Iron	57-2	-8.81	-3.63	-6.02	-6.16		ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.13	0.07	0.08	56.93	ppb
Lead	207-1	0.13	0.02	0.09	0.08	67.00	ppb
Lead	208-1	0.09	0.09	0.08	0.09	7.27	ppb
Lithium	6-1				76		%
Magnesium	24-2	-3.41	0.82	0.76	-0.61		ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:57:07	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.35	-0.34	-0.25	-0.31		ppb
Molybdenum	94-1	0.07	0.11	0.06	0.08	29.07	ppb
Molybdenum	95-1	0.07	0.05	0.11	0.08	34.81	ppb
Molybdenum	96-1	0.05	0.09	0.06	0.07	31.41	ppb
Molybdenum	97-1	0.08	0.13	0.05	0.09	44.86	ppb
Molybdenum	98-1	0.06	0.05	0.06	0.06	7.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	-0.01	-0.02		ppb
Phosphorus	31-2	-47.54	-35.27	-47.54	-43.45		ppb
Potassium	39-2	13.19	14.66	8.54	12.13	26.34	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				89		%
Scandium	45-2				95		%
Selenium	77-2	-1.11	9.60	2.39	3.63	150.54	ppb
Selenium	78-2	-0.36	0.25	-0.35	-0.15		ppb
Selenium	82-1	0.39	0.53	0.26	0.40	33.54	ppb
Silicon	28-1	-19.63	-17.96	-16.54	-18.04		ppb
Silver	109-1	0.01	0.01	0.01	0.01	24.22	ppb
Silver	107-1	0.02	0.02	0.02	0.02	18.78	ppb
Sodium	23-2	45.43	58.38	50.51	51.44	12.69	ppb
Strontium	86-1	0.03	0.04	0.00	0.02	80.38	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	255.38	ppb
Sulfur	34-1	-3075.13	-2586.19	-2521.46	-2727.59		ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.01	0.01	0.01	0.52	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	19.32	ppb
Tin	118-1	-0.02	0.01	0.05	0.01	262.85	ppb
Titanium	47-1	-0.07	-0.04	-0.05	-0.05		ppb
Uranium	238-1	0.00	0.01	0.00	0.00	67.19	ppb
Vanadium	51-2	-0.01	-0.01	-0.02	-0.01		ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	0.10	0.10	-0.08	0.04	250.31	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:57:07	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.02	0.01	150.72	ppb
Zirconium	91-1	-0.01	0.03	0.03	0.01	165.93	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-11	Instrumnet Name :	P8
Client Sample ID :	P001-SD004-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:03:32	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	59333.13	61283.83	62208.18	60941.71	2.41	ppb
Antimony	121-1	0.24	0.27	0.28	0.26	9.39	ppb
Arsenic	75-2	9.55	10.27	10.27	10.03	4.13	ppb
Barium	135-1	1872.94	1916.04	1948.50	1912.49	1.98	ppb
Barium	137-1	1868.13	1944.53	1971.17	1927.94	2.77	ppb
Beryllium	9-1	3.91	4.15	3.91	3.99	3.50	ppb
Bismuth	209-1				95		%
Bismuth	209-2				99		%
Boron	10-1	-3.37	-4.45	-5.30	-4.37		ppb
Boron	11-1	-3.10	-4.27	-4.57	-3.98		ppb
Cadmium	111-1	2.24	2.15	2.18	2.19	2.10	ppb
Cadmium	106-1	3.88	4.98	4.00	4.28	14.10	ppb
Cadmium	108-1	2.69	2.08	2.64	2.47	13.87	ppb
Calcium	43-1	20384.29	21601.14	21378.78	21121.40	3.07	ppb
Calcium	44-1	20967.16	21746.61	21593.02	21435.60	1.93	ppb
Chromium	52-2	42.68	42.96	44.57	43.40	2.35	ppb
Cobalt	59-2	13.59	14.09	14.35	14.01	2.76	ppb
Copper	63-2	90.62	93.65	93.70	92.66	1.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	56-2	38109.18	38984.87	39595.46	38896.50	1.92	ppb
Iron	57-2	37219.41	38735.41	38900.03	38284.95	2.42	ppb
Krypton	83-1						cps
Lead	206-1	172.32	174.94	182.81	176.69	3.09	ppb
Lead	207-1	156.36	161.51	169.70	162.52	4.14	ppb
Lead	208-1	162.76	166.61	174.59	167.98	3.59	ppb
Lithium	6-1				77		%
Magnesium	24-2	6010.62	6296.93	6207.59	6171.72	2.37	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-11	Instrumnet Name :	P8
Client Sample ID :	P001-SD004-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:03:32	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2032.40	2101.11	2098.83	2077.45	1.88	ppb
Molybdenum	94-1	11.14	10.93	11.57	11.21	2.91	ppb
Molybdenum	95-1	1.67	1.66	1.90	1.74	7.63	ppb
Molybdenum	96-1	2.73	2.96	3.06	2.91	5.82	ppb
Molybdenum	97-1	1.47	1.65	1.81	1.64	10.38	ppb
Molybdenum	98-1	1.60	1.68	1.71	1.66	3.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.79	48.52	47.93	47.41	3.03	ppb
Phosphorus	31-2	4626.31	4851.89	5134.68	4870.96	5.23	ppb
Potassium	39-2	2209.14	2265.20	2222.82	2232.39	1.31	ppb
Rhodium	103-1				92		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				99		%
Selenium	77-2	101.66	94.26	107.16	101.03	6.41	ppb
Selenium	78-2	14.49	19.32	18.41	17.41	14.75	ppb
Selenium	82-1	4.37	4.32	4.37	4.35	0.61	ppb
Silicon	28-1	8195.08	8717.11	8563.88	8492.02	3.16	ppb
Silver	109-1	0.08	0.10	0.12	0.10	17.14	ppb
Silver	107-1	0.10	0.12	0.10	0.11	10.43	ppb
Sodium	23-2	716.68	758.98	756.35	744.00	3.19	ppb
Strontium	86-1	142.34	143.86	147.04	144.41	1.66	ppb
Strontium	88-1	143.17	149.38	153.78	148.78	3.59	ppb
Sulfur	34-1	4780.98	5463.74	4720.30	4988.34	8.28	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.46	0.58	0.56	0.53	11.70	ppb
Thallium	205-1	0.53	0.53	0.61	0.55	8.85	ppb
Tin	118-1	0.87	0.92	0.89	0.89	3.08	ppb
Titanium	47-1	76.03	80.40	77.75	78.06	2.82	ppb
Uranium	238-1	3.15	3.06	3.37	3.19	4.96	ppb
Vanadium	51-2	55.26	56.04	57.44	56.25	1.96	ppb
Yttrium	89-1				109		%
Yttrium	89-2				110		%
Zinc	66-2	243.11	257.06	253.93	251.37	2.91	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-11	Instrumnet Name :	P8
Client Sample ID :	P001-SD004-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:03:32	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	6.56	6.87	6.96	6.79	3.10	ppb
Zirconium	91-1	6.86	6.70	6.72	6.76	1.31	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-12	Instrumnet Name :	P8
Client Sample ID :	P001-SD004-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:06:56	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	143583.41	138426.53	140588.57	140866.17	1.84	ppb
Antimony	121-1	0.07	0.06	0.07	0.07	13.96	ppb
Arsenic	75-2	6.68	6.57	6.73	6.66	1.27	ppb
Barium	135-1	2037.33	1944.07	2122.00	2034.47	4.37	ppb
Barium	137-1	2086.80	1930.95	2145.48	2054.41	5.40	ppb
Beryllium	9-1	4.18	3.89	4.40	4.16	6.14	ppb
Bismuth	209-1				95		%
Bismuth	209-2				102		%
Boron	10-1	-8.35	-7.02	-5.65	-7.01		ppb
Boron	11-1	-8.23	-8.04	-7.00	-7.76		ppb
Cadmium	111-1	0.47	0.53	0.70	0.57	20.58	ppb
Cadmium	106-1	2.25	3.62	5.13	3.67	39.39	ppb
Cadmium	108-1	2.08	1.65	1.45	1.73	18.58	ppb
Calcium	43-1	18720.89	17606.57	19469.66	18599.04	5.04	ppb
Calcium	44-1	18825.28	17515.05	19573.99	18638.11	5.59	ppb
Chromium	52-2	116.14	111.19	112.82	113.39	2.22	ppb
Cobalt	59-2	50.34	48.19	48.94	49.16	2.22	ppb
Copper	63-2	63.10	60.51	62.54	62.05	2.20	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				101		%
Holmium	165-2				106		%
Indium	115-1				95		%
Indium	115-2				97		%
Iron	56-2	149562.19	140199.97	142053.20	143938.46	3.44	ppb
Iron	57-2	151133.84	142972.01	145648.48	146584.78	2.84	ppb
Krypton	83-1						cps
Lead	206-1	115.68	112.05	121.93	116.55	4.29	ppb
Lead	207-1	105.07	101.97	111.19	106.08	4.42	ppb
Lead	208-1	110.35	106.28	115.43	110.69	4.14	ppb
Lithium	6-1				85		%
Magnesium	24-2	31774.51	30912.35	31110.44	31265.77	1.44	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-12	Instrumnet Name :	P8
Client Sample ID :	P001-SD004-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:06:56	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2148.44	2043.40	2076.18	2089.34	2.57	ppb
Molybdenum	94-1	22.88	22.55	24.05	23.16	3.42	ppb
Molybdenum	95-1	0.53	0.52	0.60	0.55	7.83	ppb
Molybdenum	96-1	3.29	3.21	3.54	3.35	5.19	ppb
Molybdenum	97-1	0.49	0.53	0.57	0.53	8.10	ppb
Molybdenum	98-1	0.58	0.54	0.67	0.59	10.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.41	124.98	125.97	127.12	2.27	ppb
Phosphorus	31-2	5633.56	4992.67	5492.49	5372.91	6.27	ppb
Potassium	39-2	4500.20	4351.99	4418.43	4423.54	1.68	ppb
Rhodium	103-1				91		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				100		%
Selenium	77-2	154.38	115.04	162.76	144.06	17.68	ppb
Selenium	78-2	25.15	27.04	29.89	27.36	8.72	ppb
Selenium	82-1	2.61	2.00	2.46	2.36	13.41	ppb
Silicon	28-1	17930.18	17007.64	18959.18	17965.67	5.43	ppb
Silver	109-1	0.11	0.13	0.10	0.12	14.63	ppb
Silver	107-1	0.10	0.12	0.10	0.11	8.28	ppb
Sodium	23-2	1048.46	961.18	985.81	998.49	4.51	ppb
Strontium	86-1	122.94	120.64	129.94	124.50	3.89	ppb
Strontium	88-1	127.72	125.05	135.29	129.35	4.11	ppb
Sulfur	34-1	-5994.28	-7347.85	-5967.29	-6436.47		ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	0.92	0.96	1.03	0.97	6.14	ppb
Thallium	205-1	0.94	0.96	0.96	0.95	0.90	ppb
Tin	118-1	0.51	0.41	0.52	0.48	12.48	ppb
Titanium	47-1	120.01	110.70	123.71	118.14	5.68	ppb
Uranium	238-1	3.63	3.44	3.78	3.62	4.77	ppb
Vanadium	51-2	109.05	103.38	106.05	106.16	2.67	ppb
Yttrium	89-1				114		%
Yttrium	89-2				115		%
Zinc	66-2	424.91	402.34	415.30	414.18	2.74	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-12	Instrumnet Name :	P8
Client Sample ID :	P001-SD004-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:06:56	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	15.18	14.50	15.67	15.11	3.88	ppb
Zirconium	91-1	15.04	14.22	15.28	14.85	3.75	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-13	Instrumnet Name :	P8
Client Sample ID :	P001-SD005-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:10:16	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	77912.63	76511.02	79724.48	78049.38	2.06	ppb
Antimony	121-1	0.30	0.26	0.27	0.28	6.26	ppb
Arsenic	75-2	41.05	40.29	41.84	41.06	1.88	ppb
Barium	135-1	689.09	701.01	684.13	691.41	1.26	ppb
Barium	137-1	698.90	706.57	689.56	698.34	1.22	ppb
Beryllium	9-1	4.40	4.58	4.43	4.47	2.19	ppb
Bismuth	209-1				99		%
Bismuth	209-2				104		%
Boron	10-1	3.55	2.35	4.71	3.54	33.35	ppb
Boron	11-1	5.08	5.07	4.45	4.87	7.37	ppb
Cadmium	111-1	2.43	2.49	2.53	2.48	1.92	ppb
Cadmium	106-1	11.26	12.50	11.55	11.77	5.52	ppb
Cadmium	108-1	7.60	7.44	5.12	6.72	20.65	ppb
Calcium	43-1	18973.23	18636.48	18428.06	18679.26	1.47	ppb
Calcium	44-1	18947.45	18932.58	18456.21	18778.75	1.49	ppb
Chromium	52-2	122.10	120.57	125.44	122.70	2.03	ppb
Cobalt	59-2	81.48	82.12	85.14	82.91	2.36	ppb
Copper	63-2	172.48	170.17	178.04	173.57	2.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				108		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	56-2	135259.10	133985.08	138813.41	136019.20	1.84	ppb
Iron	57-2	135526.93	136237.69	140510.91	137425.18	1.96	ppb
Krypton	83-1						cps
Lead	206-1	106.99	106.22	105.26	106.15	0.82	ppb
Lead	207-1	96.25	96.61	96.43	96.43	0.19	ppb
Lead	208-1	100.98	100.97	100.58	100.84	0.23	ppb
Lithium	6-1				84		%
Magnesium	24-2	34296.09	33792.70	35007.34	34365.38	1.78	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-13	Instrumnet Name :	P8
Client Sample ID :	P001-SD005-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:10:16	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1408.41	1392.45	1447.88	1416.25	2.01	ppb
Molybdenum	94-1	80.44	79.30	79.66	79.80	0.73	ppb
Molybdenum	95-1	3.50	3.30	3.33	3.38	3.21	ppb
Molybdenum	96-1	12.39	12.24	12.75	12.46	2.11	ppb
Molybdenum	97-1	3.15	3.35	3.25	3.25	3.01	ppb
Molybdenum	98-1	3.14	3.23	3.41	3.26	4.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	226.43	221.40	233.99	227.27	2.79	ppb
Phosphorus	31-2	5260.48	5014.27	5304.43	5193.06	3.01	ppb
Potassium	39-2	6258.88	6141.39	6396.85	6265.71	2.04	ppb
Rhodium	103-1				93		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				106		%
Selenium	77-2	241.37	207.12	213.80	220.76	8.22	ppb
Selenium	78-2	44.73	40.76	40.75	42.08	5.45	ppb
Selenium	82-1	7.83	7.61	7.02	7.49	5.64	ppb
Silicon	28-1	14107.40	13917.46	13733.39	13919.41	1.34	ppb
Silver	109-1	0.26	0.25	0.31	0.28	12.38	ppb
Silver	107-1	0.34	0.35	0.33	0.34	2.72	ppb
Sodium	23-2	868.04	860.05	916.59	881.56	3.47	ppb
Strontium	86-1	70.84	71.97	71.04	71.28	0.85	ppb
Strontium	88-1	72.93	72.43	72.38	72.58	0.42	ppb
Sulfur	34-1	12728.60	11871.01	11062.76	11887.46	7.01	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	0.49	0.61	0.57	0.56	10.64	ppb
Thallium	205-1	0.62	0.65	0.62	0.63	2.88	ppb
Tin	118-1	1.20	1.34	1.10	1.21	9.74	ppb
Titanium	47-1	831.01	815.06	801.26	815.78	1.83	ppb
Uranium	238-1	10.56	10.59	10.60	10.58	0.23	ppb
Vanadium	51-2	146.47	146.06	152.81	148.44	2.55	ppb
Yttrium	89-1				132		%
Yttrium	89-2				133		%
Zinc	66-2	491.05	492.22	513.60	498.96	2.54	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-13	Instrumnet Name :	P8
Client Sample ID :	P001-SD005-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:10:16	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	52.04	51.73	51.14	51.64	0.88	ppb
Zirconium	91-1	51.42	50.85	50.71	50.99	0.73	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-14	Instrumnet Name :	P8
Client Sample ID :	P001-SD005-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:13:38	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87494.93	88568.73	83650.11	86571.26	2.99	ppb
Antimony	121-1	0.45	0.53	0.43	0.47	11.04	ppb
Arsenic	75-2	60.59	61.07	60.73	60.80	0.41	ppb
Barium	135-1	859.11	858.81	825.65	847.86	2.27	ppb
Barium	137-1	872.10	868.23	815.84	852.06	3.69	ppb
Beryllium	9-1	6.76	6.63	6.18	6.52	4.66	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	4.16	2.03	5.94	4.04	48.45	ppb
Boron	11-1	2.74	3.60	3.08	3.14	13.72	ppb
Cadmium	111-1	2.71	3.11	2.93	2.92	6.98	ppb
Cadmium	106-1	20.10	22.91	19.78	20.93	8.22	ppb
Cadmium	108-1	9.10	8.12	7.44	8.22	10.15	ppb
Calcium	43-1	19801.94	19930.77	19169.39	19634.04	2.08	ppb
Calcium	44-1	20096.23	20074.22	18911.89	19694.12	3.44	ppb
Chromium	52-2	155.86	157.09	149.07	154.01	2.80	ppb
Cobalt	59-2	167.49	168.15	159.52	165.05	2.91	ppb
Copper	63-2	170.42	172.54	163.41	168.79	2.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	172838.49	173702.41	164744.84	170428.58	2.90	ppb
Iron	57-2	173068.09	177282.47	168895.89	173082.15	2.42	ppb
Krypton	83-1						cps
Lead	206-1	107.65	102.72	101.09	103.82	3.29	ppb
Lead	207-1	97.21	93.04	92.09	94.11	2.89	ppb
Lead	208-1	101.31	97.36	95.84	98.17	2.88	ppb
Lithium	6-1				83		%
Magnesium	24-2	36551.34	37481.13	34959.94	36330.80	3.51	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-14	Instrumnet Name :	P8
Client Sample ID :	P001-SD005-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:13:38	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1885.29	1918.46	1809.91	1871.22	2.97	ppb
Molybdenum	94-1	104.60	105.45	102.16	104.07	1.64	ppb
Molybdenum	95-1	4.13	4.20	4.16	4.17	0.84	ppb
Molybdenum	96-1	16.36	16.63	16.10	16.36	1.64	ppb
Molybdenum	97-1	4.42	4.37	4.12	4.30	3.73	ppb
Molybdenum	98-1	4.26	4.26	4.18	4.23	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	330.63	335.94	320.64	329.07	2.36	ppb
Phosphorus	31-2	4366.78	4691.57	4853.25	4637.20	5.34	ppb
Potassium	39-2	5876.00	5933.20	5593.33	5800.84	3.14	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	77-2	288.92	292.19	303.76	294.96	2.64	ppb
Selenium	78-2	47.91	43.21	54.14	48.42	11.32	ppb
Selenium	82-1	9.90	8.91	9.44	9.42	5.29	ppb
Silicon	28-1	10924.25	10961.49	10382.67	10756.14	3.01	ppb
Silver	109-1	0.27	0.27	0.25	0.26	4.26	ppb
Silver	107-1	0.33	0.33	0.28	0.31	10.47	ppb
Sodium	23-2	846.36	862.99	804.49	837.95	3.60	ppb
Strontium	86-1	81.13	81.79	80.63	81.18	0.71	ppb
Strontium	88-1	85.14	84.95	82.82	84.30	1.53	ppb
Sulfur	34-1	16816.00	16886.01	14446.40	16049.47	8.65	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.64	0.69	0.60	0.64	6.85	ppb
Thallium	205-1	0.66	0.64	0.60	0.63	4.28	ppb
Tin	118-1	1.35	1.38	1.30	1.34	2.91	ppb
Titanium	47-1	850.63	854.60	816.41	840.55	2.50	ppb
Uranium	238-1	18.28	18.12	17.68	18.03	1.72	ppb
Vanadium	51-2	268.66	273.28	261.40	267.78	2.24	ppb
Yttrium	89-1				155		%
Yttrium	89-2				148		%
Zinc	66-2	673.88	677.29	647.64	666.27	2.43	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-14	Instrumnet Name :	P8
Client Sample ID :	P001-SD005-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:13:38	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	67.72	67.14	66.40	67.09	0.98	ppb
Zirconium	91-1	67.00	66.81	66.08	66.63	0.73	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-15	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:17:00	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	122857.64	125581.56	122715.30	123718.17	1.31	ppb
Antimony	121-1	1.28	1.45	1.66	1.47	12.94	ppb
Arsenic	75-2	23.55	22.72	22.97	23.08	1.85	ppb
Barium	135-1	4624.83	5062.94	5173.06	4953.61	5.85	ppb
Barium	137-1	4625.25	5037.41	5172.27	4944.98	5.76	ppb
Beryllium	9-1	9.96	10.71	11.25	10.64	6.09	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	7.90	7.47	10.62	8.66	19.69	ppb
Boron	11-1	6.96	7.25	9.57	7.93	18.07	ppb
Cadmium	111-1	6.73	7.33	7.80	7.29	7.41	ppb
Cadmium	106-1	11.53	13.61	15.28	13.47	13.94	ppb
Cadmium	108-1	8.46	7.81	9.14	8.47	7.90	ppb
Calcium	43-1	96976.10	106065.73	106791.57	103277.80	5.30	ppb
Calcium	44-1	94575.18	105307.30	104536.81	101473.09	5.90	ppb
Chromium	52-2	127.57	129.02	126.36	127.65	1.04	ppb
Cobalt	59-2	55.36	57.30	55.12	55.93	2.13	ppb
Copper	63-2	352.44	363.72	350.01	355.39	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				106		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	135472.30	137343.39	133487.81	135434.50	1.42	ppb
Iron	57-2	135767.61	138998.34	137211.09	137325.68	1.18	ppb
Krypton	83-1						cps
Lead	206-1	542.08	573.52	614.26	576.62	6.28	ppb
Lead	207-1	495.82	539.48	564.14	533.15	6.49	ppb
Lead	208-1	527.95	568.68	591.67	562.76	5.73	ppb
Lithium	6-1				81		%
Magnesium	24-2	26999.94	27633.04	26907.00	27179.99	1.45	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-15	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:17:00	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	12625.96	12816.77	12480.05	12640.93	1.34	ppb
Molybdenum	94-1	37.74	40.12	41.34	39.73	4.60	ppb
Molybdenum	95-1	4.87	5.16	5.19	5.07	3.41	ppb
Molybdenum	96-1	9.19	9.59	9.73	9.50	2.97	ppb
Molybdenum	97-1	4.81	5.11	5.16	5.03	3.70	ppb
Molybdenum	98-1	4.74	5.11	5.30	5.05	5.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	157.71	164.04	156.76	159.50	2.48	ppb
Phosphorus	31-2	10283.88	10125.85	10418.42	10276.05	1.43	ppb
Potassium	39-2	5989.10	6016.93	5869.85	5958.63	1.31	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				100		%
Selenium	77-2	155.84	170.09	205.84	177.26	14.53	ppb
Selenium	78-2	38.67	47.73	30.60	39.00	21.97	ppb
Selenium	82-1	12.76	14.18	14.19	13.71	5.99	ppb
Silicon	28-1	7256.62	8272.28	8019.81	7849.57	6.74	ppb
Silver	109-1	0.63	0.71	0.66	0.66	6.54	ppb
Silver	107-1	0.64	0.69	0.72	0.68	5.92	ppb
Sodium	23-2	1389.37	1399.57	1374.00	1387.65	0.93	ppb
Strontium	86-1	519.72	579.49	559.24	552.82	5.50	ppb
Strontium	88-1	523.66	573.53	558.26	551.82	4.63	ppb
Sulfur	34-1	28173.18	34449.30	34552.22	32391.57	11.28	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.99	1.08	1.18	1.09	8.55	ppb
Thallium	205-1	0.98	0.97	1.06	1.00	4.95	ppb
Tin	118-1	2.65	2.81	2.83	2.76	3.49	ppb
Titanium	47-1	191.46	212.44	212.11	205.34	5.85	ppb
Uranium	238-1	6.26	6.82	6.90	6.66	5.22	ppb
Vanadium	51-2	174.54	179.38	173.31	175.74	1.82	ppb
Yttrium	89-1				136		%
Yttrium	89-2				130		%
Zinc	66-2	811.75	833.39	801.02	815.38	2.02	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-15	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:17:00	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	22.99	24.63	25.08	24.23	4.53	ppb
Zirconium	91-1	23.02	24.48	24.69	24.07	3.78	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:20:19	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48249.96	48310.99	47723.07	48094.67	0.67	ppb
Antimony	121-1	0.16	0.15	0.17	0.16	7.65	ppb
Arsenic	75-2	6.13	5.19	6.27	5.86	10.00	ppb
Barium	135-1	2625.42	2719.95	2823.33	2722.90	3.64	ppb
Barium	137-1	2592.26	2727.76	2820.93	2713.65	4.24	ppb
Beryllium	9-1	2.29	2.22	2.45	2.32	5.26	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	10-1	-9.69	-8.38	-8.22	-8.77		ppb
Boron	11-1	-9.78	-10.10	-8.73	-9.53		ppb
Cadmium	111-1	1.14	1.48	1.41	1.34	13.31	ppb
Cadmium	106-1	0.67	1.75	0.89	1.10	51.51	ppb
Cadmium	108-1	1.91	2.43	1.03	1.79	39.78	ppb
Calcium	43-1	30692.28	32192.05	33596.43	32160.25	4.52	ppb
Calcium	44-1	30770.38	32346.44	34013.78	32376.87	5.01	ppb
Chromium	52-2	30.85	31.15	30.69	30.90	0.75	ppb
Cobalt	59-2	9.02	9.44	8.97	9.14	2.84	ppb
Copper	63-2	78.37	80.96	78.40	79.25	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				106		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	21878.92	22005.46	21486.50	21790.29	1.24	ppb
Iron	57-2	21424.04	21911.86	21370.10	21568.66	1.38	ppb
Krypton	83-1						cps
Lead	206-1	89.06	95.79	98.46	94.44	5.13	ppb
Lead	207-1	81.24	87.03	90.43	86.23	5.39	ppb
Lead	208-1	84.81	90.23	93.40	89.48	4.86	ppb
Lithium	6-1				77		%
Magnesium	24-2	5150.57	5113.78	5059.92	5108.09	0.89	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:20:19	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3253.24	3264.14	3228.43	3248.60	0.56	ppb
Molybdenum	94-1	11.97	12.88	12.43	12.42	3.67	ppb
Molybdenum	95-1	0.99	0.98	1.05	1.00	3.92	ppb
Molybdenum	96-1	2.14	2.53	2.42	2.36	8.39	ppb
Molybdenum	97-1	0.90	1.01	0.95	0.96	5.88	ppb
Molybdenum	98-1	0.96	0.96	1.01	0.98	2.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.57	27.42	26.47	26.82	1.94	ppb
Phosphorus	31-2	2794.76	3203.79	3079.72	3026.09	6.93	ppb
Potassium	39-2	3328.44	3346.85	3293.55	3322.95	0.81	ppb
Rhodium	103-1				95		%
Rhodium	103-2				100		%
Scandium	45-1				90		%
Scandium	45-2				97		%
Selenium	77-2	89.62	68.53	83.95	80.70	13.52	ppb
Selenium	78-2	16.06	15.74	19.81	17.20	13.15	ppb
Selenium	82-1	3.38	4.30	3.20	3.62	16.33	ppb
Silicon	28-1	6346.68	6751.28	7040.69	6712.88	5.19	ppb
Silver	109-1	0.06	0.08	0.06	0.07	15.66	ppb
Silver	107-1	0.08	0.08	0.07	0.08	6.43	ppb
Sodium	23-2	883.08	893.97	893.48	890.18	0.69	ppb
Strontium	86-1	195.06	206.16	210.93	204.05	3.99	ppb
Strontium	88-1	195.65	209.76	216.74	207.38	5.18	ppb
Sulfur	34-1	-1570.74	-344.91	400.38	-505.09		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.78	0.72	0.93	0.81	12.88	ppb
Thallium	205-1	0.75	0.88	0.94	0.86	11.16	ppb
Tin	118-1	0.76	0.74	0.80	0.77	3.91	ppb
Titanium	47-1	66.60	70.47	72.21	69.76	4.11	ppb
Uranium	238-1	1.85	1.90	2.03	1.93	4.92	ppb
Vanadium	51-2	35.95	36.25	36.47	36.22	0.73	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	143.36	139.42	143.28	142.02	1.59	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:20:19	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	7.25	7.77	8.13	7.72	5.74	ppb
Zirconium	91-1	7.17	7.82	8.10	7.70	6.19	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-16DUP Instrumnet Name : P8
 Client Sample ID : P001-SD006-0612-01DU Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 14:23:44 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49976.43	48118.40	45472.45	47855.76	4.73	ppb
Antimony	121-1	0.16	0.18	0.19	0.18	6.79	ppb
Arsenic	75-2	7.19	5.99	6.08	6.42	10.37	ppb
Barium	135-1	2377.01	2605.79	2547.46	2510.09	4.74	ppb
Barium	137-1	2383.19	2628.85	2578.90	2530.31	5.13	ppb
Beryllium	9-1	2.18	2.40	2.23	2.27	5.10	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	-9.06	-8.22	-7.93	-8.41		ppb
Boron	11-1	-9.37	-10.37	-9.75	-9.83		ppb
Cadmium	111-1	1.10	1.19	1.17	1.16	3.93	ppb
Cadmium	106-1	-0.29	-0.53	-0.20	-0.34		ppb
Cadmium	108-1	1.85	1.56	1.62	1.67	9.14	ppb
Calcium	43-1	28938.76	31975.02	30555.90	30489.89	4.98	ppb
Calcium	44-1	28940.45	31921.60	30611.01	30491.02	4.90	ppb
Chromium	52-2	33.10	32.14	30.31	31.85	4.45	ppb
Cobalt	59-2	10.17	9.33	8.75	9.42	7.55	ppb
Copper	63-2	83.36	81.55	77.66	80.86	3.60	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				108		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	56-2	24053.78	23181.95	21952.34	23062.69	4.58	ppb
Iron	57-2	23673.84	22721.74	21510.25	22635.28	4.79	ppb
Krypton	83-1						cps
Lead	206-1	89.27	98.06	95.21	94.18	4.76	ppb
Lead	207-1	82.10	89.64	86.49	86.08	4.40	ppb
Lead	208-1	84.85	93.42	90.06	89.44	4.83	ppb
Lithium	6-1				78		%
Magnesium	24-2	5574.67	5408.34	5065.01	5349.34	4.86	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-16DUP Instrumnet Name : P8
 Client Sample ID : P001-SD006-0612-01DU Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 14:23:44 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3420.06	3315.99	3119.12	3285.06	4.65	ppb
Molybdenum	94-1	11.85	12.29	12.99	12.38	4.64	ppb
Molybdenum	95-1	0.97	1.03	1.05	1.02	3.86	ppb
Molybdenum	96-1	2.29	2.52	2.35	2.38	5.09	ppb
Molybdenum	97-1	0.99	1.25	1.03	1.09	13.13	ppb
Molybdenum	98-1	0.97	1.06	1.05	1.03	5.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.52	28.16	26.10	27.93	6.15	ppb
Phosphorus	31-2	3379.62	3176.94	2899.91	3152.16	7.64	ppb
Potassium	39-2	3533.34	3418.16	3196.37	3382.62	5.06	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				94		%
Selenium	77-2	109.39	79.10	65.59	84.69	26.48	ppb
Selenium	78-2	16.70	12.80	12.14	13.88	17.77	ppb
Selenium	82-1	3.67	4.31	4.49	4.16	10.35	ppb
Silicon	28-1	5926.76	6598.56	6301.34	6275.55	5.36	ppb
Silver	109-1	0.05	0.07	0.06	0.06	13.90	ppb
Silver	107-1	0.08	0.08	0.09	0.08	9.35	ppb
Sodium	23-2	933.19	927.81	842.33	901.11	5.66	ppb
Strontium	86-1	181.23	199.51	196.10	192.28	5.06	ppb
Strontium	88-1	184.67	205.27	202.04	197.33	5.61	ppb
Sulfur	34-1	-2007.64	-11.73	-1259.30	-1092.89		ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.71	0.76	0.71	0.73	3.99	ppb
Thallium	205-1	0.75	0.82	0.78	0.78	4.47	ppb
Tin	118-1	0.90	0.79	0.78	0.82	8.06	ppb
Titanium	47-1	67.15	74.43	72.24	71.27	5.25	ppb
Uranium	238-1	1.78	1.90	1.84	1.84	3.36	ppb
Vanadium	51-2	40.54	38.52	35.58	38.21	6.52	ppb
Yttrium	89-1				112		%
Yttrium	89-2				104		%
Zinc	66-2	162.40	155.16	144.65	154.07	5.80	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16DUP	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01DU	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:23:44	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	7.22	7.94	7.69	7.61	4.78	ppb
Zirconium	91-1	6.88	7.93	7.84	7.55	7.70	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16LX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01L	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 14:27:08	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10388.49	10349.12	10386.60	10374.74	0.21	ppb
Antimony	121-1	0.04	0.02	0.03	0.03	36.76	ppb
Arsenic	75-2	1.42	1.41	1.47	1.43	2.22	ppb
Barium	135-1	572.26	535.70	552.81	553.59	3.30	ppb
Barium	137-1	579.60	541.01	558.45	559.69	3.45	ppb
Beryllium	9-1	0.56	0.56	0.49	0.54	8.13	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	-12.76	-12.65	-11.97	-12.46		ppb
Boron	11-1	-13.73	-12.74	-12.96	-13.14		ppb
Cadmium	111-1	0.27	0.21	0.11	0.20	42.92	ppb
Cadmium	106-1	-0.15	-1.02	-2.26	-1.14		ppb
Cadmium	108-1	0.20	0.08	0.25	0.18	49.76	ppb
Calcium	43-1	6927.01	6600.37	6910.03	6812.47	2.70	ppb
Calcium	44-1	7153.06	6852.93	6971.18	6992.39	2.16	ppb
Chromium	52-2	6.98	6.69	6.75	6.81	2.27	ppb
Cobalt	59-2	2.00	1.86	2.06	1.98	5.14	ppb
Copper	63-2	17.25	17.64	17.46	17.45	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	4811.59	4815.59	4873.33	4833.51	0.71	ppb
Iron	57-2	4658.23	4774.96	4762.39	4731.86	1.35	ppb
Krypton	83-1						cps
Lead	206-1	20.25	19.43	19.58	19.75	2.22	ppb
Lead	207-1	18.77	17.74	18.41	18.31	2.86	ppb
Lead	208-1	19.26	18.32	18.76	18.78	2.49	ppb
Lithium	6-1				73		%
Magnesium	24-2	1108.47	1112.03	1121.87	1114.12	0.62	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16LX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01L	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 14:27:08	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	698.27	705.56	700.43	701.42	0.53	ppb
Molybdenum	94-1	2.81	2.79	2.93	2.84	2.78	ppb
Molybdenum	95-1	0.17	0.21	0.23	0.20	15.05	ppb
Molybdenum	96-1	0.60	0.51	0.52	0.55	9.26	ppb
Molybdenum	97-1	0.25	0.20	0.18	0.21	17.31	ppb
Molybdenum	98-1	0.22	0.24	0.19	0.22	12.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.77	5.62	5.66	5.68	1.31	ppb
Phosphorus	31-2	671.16	566.06	556.63	597.95	10.63	ppb
Potassium	39-2	684.37	724.25	704.10	704.24	2.83	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				90		%
Scandium	45-2				94		%
Selenium	77-2	26.02	16.49	22.95	21.82	22.29	ppb
Selenium	78-2	4.65	2.55	5.86	4.35	38.51	ppb
Selenium	82-1	0.82	1.89	0.12	0.94	94.39	ppb
Silicon	28-1	1409.46	1334.98	1402.90	1382.45	2.98	ppb
Silver	109-1	0.01	0.01	0.01	0.01	33.72	ppb
Silver	107-1	0.02	0.01	0.02	0.02	26.57	ppb
Sodium	23-2	196.05	205.27	204.65	201.99	2.55	ppb
Strontium	86-1	46.58	46.09	45.82	46.16	0.84	ppb
Strontium	88-1	48.15	45.79	47.19	47.04	2.52	ppb
Sulfur	34-1	-7025.30	-7549.51	-7132.47	-7235.76		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.15	0.16	0.17	0.16	7.37	ppb
Thallium	205-1	0.16	0.17	0.18	0.17	5.02	ppb
Tin	118-1	0.16	0.17	0.15	0.16	5.39	ppb
Titanium	47-1	14.94	14.09	14.34	14.46	3.04	ppb
Uranium	238-1	0.37	0.38	0.42	0.39	6.62	ppb
Vanadium	51-2	8.12	8.08	7.72	7.97	2.77	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	30.41	31.53	29.53	30.49	3.29	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16LX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01L	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 14:27:08	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.77	1.69	1.81	1.76	3.30	ppb
Zirconium	91-1	1.72	1.73	1.90	1.79	5.73	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-17 Instrumnet Name : P8
 Client Sample ID : P001-SD006-0612-01MS Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 14:30:32 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	61212.73	69499.63	68328.22	66346.86	6.76	ppb
Antimony	121-1	66.01	71.69	69.92	69.21	4.20	ppb
Arsenic	75-2	421.29	463.69	456.52	447.16	5.08	ppb
Barium	135-1	4743.19	5199.78	5082.23	5008.40	4.73	ppb
Barium	137-1	4770.79	5308.73	5071.97	5050.50	5.34	ppb
Beryllium	9-1	575.35	619.02	597.68	597.35	3.66	ppb
Bismuth	209-1				96		%
Bismuth	209-2				101		%
Boron	10-1	510.45	550.26	523.34	528.02	3.85	ppb
Boron	11-1	511.15	551.98	533.81	532.32	3.84	ppb
Cadmium	111-1	489.80	541.64	528.15	519.87	5.17	ppb
Cadmium	106-1	476.83	520.86	493.33	497.01	4.48	ppb
Cadmium	108-1	477.32	537.18	514.07	509.53	5.92	ppb
Calcium	43-1	80503.28	84931.33	83542.34	82992.32	2.73	ppb
Calcium	44-1	78461.25	85504.34	81144.97	81703.52	4.35	ppb
Chromium	52-2	504.85	578.27	570.13	551.08	7.30	ppb
Cobalt	59-2	486.09	562.34	549.11	532.51	7.65	ppb
Copper	63-2	1038.90	1195.02	1150.81	1128.24	7.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				93		%
Indium	115-2				94		%
Iron	56-2	58430.70	66321.41	65411.76	63387.95	6.81	ppb
Iron	57-2	57477.95	65958.38	64565.57	62667.30	7.26	ppb
Krypton	83-1						cps
Lead	206-1	597.50	653.95	642.79	631.42	4.73	ppb
Lead	207-1	572.52	622.52	611.57	602.20	4.36	ppb
Lead	208-1	595.44	646.59	636.79	626.27	4.34	ppb
Lithium	6-1				74		%
Magnesium	24-2	55943.15	63776.26	62646.48	60788.63	6.97	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-17 Instrumnet Name : P8
 Client Sample ID : P001-SD006-0612-01MS Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 14:30:32 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4103.01	4653.17	4613.60	4456.59	6.89	ppb
Molybdenum	94-1	1883.02	2030.96	1977.88	1963.95	3.82	ppb
Molybdenum	95-1	2121.69	2297.10	2230.58	2216.46	4.00	ppb
Molybdenum	96-1	2090.37	2274.69	2153.31	2172.79	4.31	ppb
Molybdenum	97-1	2123.52	2330.15	2240.99	2231.55	4.64	ppb
Molybdenum	98-1	2107.71	2321.74	2236.42	2221.95	4.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.04	600.58	587.07	570.90	7.06	ppb
Phosphorus	31-2	2683.83	3067.13	2754.30	2835.09	7.20	ppb
Potassium	39-2	24643.62	28515.47	28052.74	27070.61	7.81	ppb
Rhodium	103-1				89		%
Rhodium	103-2				97		%
Scandium	45-1				88		%
Scandium	45-2				96		%
Selenium	77-2	511.78	567.71	567.21	548.90	5.86	ppb
Selenium	78-2	435.31	462.71	448.11	448.71	3.05	ppb
Selenium	82-1	439.31	475.77	465.30	460.13	4.08	ppb
Silicon	28-1	14111.14	15279.21	14764.00	14718.12	3.98	ppb
Silver	109-1	389.28	429.30	415.81	411.46	4.95	ppb
Silver	107-1	386.33	421.87	411.96	406.72	4.51	ppb
Sodium	23-2	45346.38	52397.68	50976.32	49573.46	7.52	ppb
Strontium	86-1	633.37	688.19	675.83	665.80	4.32	ppb
Strontium	88-1	645.47	695.07	679.43	673.32	3.77	ppb
Sulfur	34-1	1333.78	2985.70	1947.87	2089.12	39.97	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	466.66	514.70	504.81	495.39	5.12	ppb
Thallium	205-1	483.15	528.91	517.88	509.98	4.68	ppb
Tin	118-1	202.24	220.99	211.67	211.63	4.43	ppb
Titanium	47-1	1984.47	2149.63	2063.69	2065.93	4.00	ppb
Uranium	238-1	493.26	542.14	530.14	521.85	4.88	ppb
Vanadium	51-2	503.36	572.50	562.41	546.09	6.84	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	1109.28	1251.42	1239.80	1200.17	6.58	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-17	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01MS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:30:32	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	261.17	280.61	274.40	272.06	3.65	ppb
Zirconium	91-1	250.27	271.63	266.60	262.83	4.25	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-18 Instrumnet Name : P8
 Client Sample ID : P001-SD006-0612-01MS Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 14:33:50 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62686.88	63028.96	89512.33	71742.72	21.45	ppb
Antimony	121-1	68.99	66.96	68.78	68.24	1.63	ppb
Arsenic	75-2	471.67	473.51	657.35	534.18	19.97	ppb
Barium	135-1	4990.89	4912.83	4966.51	4956.74	0.81	ppb
Barium	137-1	4966.24	4867.12	5026.35	4953.24	1.62	ppb
Beryllium	9-1	599.53	584.34	598.35	594.08	1.42	ppb
Bismuth	209-1				100		%
Bismuth	209-2				88		%
Boron	10-1	513.35	505.80	537.61	518.92	3.20	ppb
Boron	11-1	536.67	526.31	543.16	535.38	1.59	ppb
Cadmium	111-1	518.28	502.85	523.12	514.75	2.06	ppb
Cadmium	106-1	489.66	488.46	500.45	492.86	1.34	ppb
Cadmium	108-1	509.77	488.88	513.83	504.16	2.66	ppb
Calcium	43-1	78658.83	78533.09	79808.88	79000.27	0.89	ppb
Calcium	44-1	78234.27	78457.69	79798.60	78830.19	1.07	ppb
Chromium	52-2	554.32	560.01	808.72	641.02	22.66	ppb
Cobalt	59-2	541.58	548.93	788.28	626.26	22.41	ppb
Copper	63-2	1180.60	1178.95	1673.85	1344.47	21.22	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				104		%
Holmium	165-2				90		%
Indium	115-1				96		%
Indium	115-2				82		%
Iron	56-2	55157.57	55930.09	80093.35	63727.01	22.25	ppb
Iron	57-2	54331.06	55083.15	78460.79	62625.00	21.91	ppb
Krypton	83-1						cps
Lead	206-1	613.67	605.04	610.56	609.76	0.72	ppb
Lead	207-1	586.13	576.46	586.15	582.91	0.96	ppb
Lead	208-1	614.69	600.75	612.47	609.30	1.23	ppb
Lithium	6-1				78		%
Magnesium	24-2	60236.78	60610.10	87745.38	69530.75	22.69	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-18	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01MS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:33:50	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4283.93	4334.39	6171.11	4929.81	21.81	ppb
Molybdenum	94-1	2014.94	1998.89	2079.69	2031.17	2.11	ppb
Molybdenum	95-1	2286.92	2252.38	2337.87	2292.39	1.88	ppb
Molybdenum	96-1	2226.23	2208.22	2300.85	2245.10	2.19	ppb
Molybdenum	97-1	2279.35	2288.72	2352.15	2306.74	1.72	ppb
Molybdenum	98-1	2303.43	2275.03	2311.90	2296.78	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	573.02	576.38	832.60	660.67	22.54	ppb
Phosphorus	31-2	3169.57	2947.24	3794.45	3303.75	13.30	ppb
Potassium	39-2	27939.70	28173.88	40135.81	32083.13	21.74	ppb
Rhodium	103-1				93		%
Rhodium	103-2				84		%
Scandium	45-1				91		%
Scandium	45-2				84		%
Selenium	77-2	607.03	527.76	760.57	631.79	18.73	ppb
Selenium	78-2	506.93	494.31	706.71	569.32	20.93	ppb
Selenium	82-1	460.78	462.35	475.83	466.32	1.77	ppb
Silicon	28-1	14618.01	14476.13	14770.13	14621.43	1.01	ppb
Silver	109-1	404.21	394.05	411.15	403.14	2.13	ppb
Silver	107-1	403.58	401.33	409.55	404.82	1.05	ppb
Sodium	23-2	51077.63	51310.27	74053.14	58813.68	22.44	ppb
Strontium	86-1	664.88	647.30	684.36	665.51	2.79	ppb
Strontium	88-1	670.30	659.04	686.07	671.80	2.02	ppb
Sulfur	34-1	884.60	571.61	902.50	786.24	23.67	ppb
Terbium	159-1				104		%
Terbium	159-2				88		%
Thallium	203-1	485.03	483.26	485.18	484.49	0.22	ppb
Thallium	205-1	500.03	499.59	507.60	502.41	0.90	ppb
Tin	118-1	204.83	198.77	207.44	203.68	2.18	ppb
Titanium	47-1	1997.28	1958.14	2067.05	2007.49	2.75	ppb
Uranium	238-1	514.28	508.67	513.98	512.31	0.62	ppb
Vanadium	51-2	560.02	562.06	812.64	644.91	22.52	ppb
Yttrium	89-1				107		%
Yttrium	89-2				93		%
Zinc	66-2	1184.59	1205.06	1721.80	1370.48	22.21	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-18	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01MS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:33:50	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	277.82	274.82	285.17	279.27	1.91	ppb
Zirconium	91-1	267.34	264.81	277.84	270.00	2.56	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:41:33	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49185.39	51104.69	51529.55	50606.54	2.47	ppb
Antimony	121-1	506.28	506.92	513.54	508.91	0.79	ppb
Arsenic	75-2	511.43	516.66	526.72	518.27	1.50	ppb
Barium	135-1	2539.79	2514.14	2569.14	2541.02	1.08	ppb
Barium	137-1	2547.57	2548.89	2574.38	2556.95	0.59	ppb
Beryllium	9-1	599.80	594.51	609.47	601.26	1.26	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	555.41	586.33	595.09	578.94	3.60	ppb
Boron	11-1	591.30	605.45	611.70	602.82	1.73	ppb
Cadmium	111-1	490.24	494.23	503.25	495.91	1.34	ppb
Cadmium	106-1	499.50	504.27	511.29	505.02	1.17	ppb
Cadmium	108-1	497.82	509.89	508.33	505.35	1.30	ppb
Calcium	43-1	245901.46	249371.31	253661.24	249644.67	1.56	ppb
Calcium	44-1	244711.76	248217.23	251634.55	248187.85	1.39	ppb
Chromium	52-2	499.97	520.83	526.45	515.75	2.71	ppb
Cobalt	59-2	493.55	511.50	515.63	506.89	2.32	ppb
Copper	63-2	961.32	1004.27	1006.67	990.75	2.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	56-2	123336.03	127616.11	130124.37	127025.50	2.70	ppb
Iron	57-2	125476.80	130289.10	131237.48	129001.13	2.39	ppb
Krypton	83-1						cps
Lead	206-1	494.86	489.94	504.14	496.31	1.45	ppb
Lead	207-1	493.56	489.36	495.55	492.83	0.64	ppb
Lead	208-1	503.69	496.69	510.37	503.59	1.36	ppb
Lithium	6-1				74		%
Magnesium	24-2	242121.99	251578.82	254079.50	249260.11	2.53	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:41:33	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	966.79	1008.37	1012.37	995.84	2.53	ppb
Molybdenum	94-1	2502.90	2511.39	2567.23	2527.18	1.38	ppb
Molybdenum	95-1	2500.12	2505.33	2528.24	2511.23	0.60	ppb
Molybdenum	96-1	2516.88	2496.07	2513.00	2508.65	0.44	ppb
Molybdenum	97-1	2553.08	2497.88	2514.43	2521.80	1.12	ppb
Molybdenum	98-1	2506.06	2505.14	2520.80	2510.67	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.87	516.58	522.32	511.92	2.61	ppb
Phosphorus	31-2	9384.91	10222.45	10142.25	9916.54	4.66	ppb
Potassium	39-2	122452.51	127755.11	128127.20	126111.61	2.52	ppb
Rhodium	103-1				89		%
Rhodium	103-2				92		%
Scandium	45-1				89		%
Scandium	45-2				95		%
Selenium	77-2	511.60	521.44	488.75	507.26	3.31	ppb
Selenium	78-2	526.59	507.89	502.35	512.28	2.48	ppb
Selenium	82-1	504.02	497.21	503.22	501.48	0.74	ppb
Silicon	28-1	478.01	490.69	498.15	488.95	2.08	ppb
Silver	109-1	506.10	506.35	514.56	509.01	0.95	ppb
Silver	107-1	501.51	506.50	508.21	505.41	0.69	ppb
Sodium	23-2	242653.15	251148.92	253547.39	249116.49	2.30	ppb
Strontium	86-1	500.74	502.51	503.96	502.41	0.32	ppb
Strontium	88-1	509.53	512.06	511.93	511.18	0.28	ppb
Sulfur	34-1	9201.90	9639.90	9843.40	9561.73	3.43	ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	496.31	490.97	503.69	496.99	1.29	ppb
Thallium	205-1	518.84	506.73	526.68	517.42	1.94	ppb
Tin	118-1	502.97	510.97	514.81	509.58	1.19	ppb
Titanium	47-1	2528.91	2514.88	2563.96	2535.92	1.00	ppb
Uranium	238-1	500.40	495.52	506.42	500.78	1.09	ppb
Vanadium	51-2	501.79	521.52	523.57	515.63	2.33	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	964.29	1011.65	1021.52	999.15	3.06	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:41:33	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	506.77	506.40	510.37	507.84	0.43	ppb
Zirconium	91-1	495.13	498.00	503.64	498.92	0.87	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : CCB13 Instrumnet Name : P8
 Client Sample ID : CCB13 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 14:47:55 DataFile Name : 043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.17	2.40	-0.37	1.06	130.42	ppb
Antimony	121-1	0.15	0.13	0.16	0.14	8.30	ppb
Arsenic	75-2	0.06	0.01	0.04	0.03	71.30	ppb
Barium	135-1	-0.01	0.02	-0.02	0.00		ppb
Barium	137-1	0.03	0.05	0.01	0.03	53.66	ppb
Beryllium	9-1	0.08	0.01	0.02	0.04	99.29	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Boron	10-1	-8.13	-6.79	-8.80	-7.90		ppb
Boron	11-1	-7.86	-8.46	-8.53	-8.29		ppb
Cadmium	111-1	-0.03	-0.05	-0.14	-0.07		ppb
Cadmium	106-1	-0.85	-1.13	-2.19	-1.39		ppb
Cadmium	108-1	-0.27	-0.10	-0.21	-0.19		ppb
Calcium	43-1	-0.14	-3.06	-0.47	-1.22		ppb
Calcium	44-1	84.68	79.90	77.71	80.76	4.41	ppb
Chromium	52-2	0.19	0.22	0.23	0.22	10.03	ppb
Cobalt	59-2	-0.05	-0.05	-0.06	-0.05		ppb
Copper	63-2	0.00	-0.01	0.00	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				93		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	-1.62	-1.84	-1.66	-1.71		ppb
Iron	57-2	-7.05	-3.20	-4.07	-4.77		ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.10	0.10	0.10	3.91	ppb
Lead	207-1	0.12	0.13	0.13	0.12	5.49	ppb
Lead	208-1	0.12	0.12	0.10	0.11	8.07	ppb
Lithium	6-1				68		%
Magnesium	24-2	3.25	6.61	0.33	3.40	92.43	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:47:55	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.37	-0.33	-0.24	-0.31		ppb
Molybdenum	94-1	0.14	0.14	0.11	0.13	15.90	ppb
Molybdenum	95-1	0.09	0.11	0.14	0.11	24.12	ppb
Molybdenum	96-1	0.08	0.11	0.12	0.11	22.95	ppb
Molybdenum	97-1	0.09	0.13	0.21	0.14	41.57	ppb
Molybdenum	98-1	0.10	0.11	0.11	0.10	4.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	-0.06	-0.01		ppb
Phosphorus	31-2	3.20	-22.04	-47.54	-22.13		ppb
Potassium	39-2	14.92	31.63	2.23	16.26	90.67	ppb
Rhodium	103-1				93		%
Rhodium	103-2				96		%
Scandium	45-1				86		%
Scandium	45-2				92		%
Selenium	77-2	6.10	-1.11	-1.11	1.29	321.80	ppb
Selenium	78-2	-0.33	0.27	-0.33	-0.13		ppb
Selenium	82-1	1.08	-0.12	0.18	0.38	165.72	ppb
Silicon	28-1	-22.65	-23.10	-23.29	-23.01		ppb
Silver	109-1	0.02	0.02	0.03	0.02	39.19	ppb
Silver	107-1	0.02	0.02	0.03	0.02	30.90	ppb
Sodium	23-2	74.24	75.60	70.17	73.34	3.86	ppb
Strontium	86-1	0.06	0.11	0.07	0.08	31.81	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	11.21	ppb
Sulfur	34-1	-3606.51	-3394.26	-3593.84	-3531.54		ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	0.04	0.04	0.03	0.04	19.55	ppb
Thallium	205-1	0.03	0.05	0.01	0.03	50.27	ppb
Tin	118-1	0.03	0.06	0.02	0.04	63.37	ppb
Titanium	47-1	-0.09	-0.01	0.02	-0.03		ppb
Uranium	238-1	0.00	0.00	0.01	0.01	24.98	ppb
Vanadium	51-2	0.02	-0.02	-0.02	-0.01		ppb
Yttrium	89-1				97		%
Yttrium	89-2				93		%
Zinc	66-2	0.19	0.15	0.16	0.17	11.89	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:47:55	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.02	0.02	21.94	ppb
Zirconium	91-1	0.04	0.01	0.01	0.02	103.69	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16A	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01A	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:51:46	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63663.08	64366.15	62861.89	63630.37	1.18	ppb
Antimony	121-1	73.39	66.50	66.62	68.84	5.72	ppb
Arsenic	75-2	451.67	451.55	445.86	449.69	0.74	ppb
Barium	135-1	5320.93	4788.98	4911.67	5007.19	5.56	ppb
Barium	137-1	5235.44	4838.77	4920.97	4998.39	4.19	ppb
Beryllium	9-1	640.97	576.67	590.77	602.80	5.61	ppb
Bismuth	209-1				91		%
Bismuth	209-2				94		%
Boron	10-1	560.51	506.81	526.36	531.23	5.12	ppb
Boron	11-1	565.86	525.06	540.63	543.85	3.79	ppb
Cadmium	111-1	550.68	497.64	514.46	520.93	5.20	ppb
Cadmium	106-1	527.75	476.01	490.65	498.13	5.35	ppb
Cadmium	108-1	523.73	479.71	506.27	503.24	4.40	ppb
Calcium	43-1	82979.61	75942.20	78049.27	78990.36	4.57	ppb
Calcium	44-1	84914.62	75952.31	78428.32	79765.08	5.80	ppb
Chromium	52-2	541.65	539.54	531.07	537.42	1.04	ppb
Cobalt	59-2	521.81	527.83	514.61	521.42	1.27	ppb
Copper	63-2	1080.13	1122.50	1090.45	1097.69	2.01	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				97		%
Holmium	165-2				97		%
Indium	115-1				91		%
Indium	115-2				92		%
Iron	56-2	59512.43	59652.72	58460.22	59208.45	1.10	ppb
Iron	57-2	58593.51	58713.71	57630.94	58312.72	1.02	ppb
Krypton	83-1						cps
Lead	206-1	650.28	582.72	596.56	609.85	5.85	ppb
Lead	207-1	615.40	557.16	570.21	580.92	5.26	ppb
Lead	208-1	640.64	579.62	595.05	605.11	5.24	ppb
Lithium	6-1				69		%
Magnesium	24-2	59776.70	59801.24	58298.51	59292.15	1.45	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-16A Instrumnet Name : P8
 Client Sample ID : P001-SD006-0612-01A Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 14:51:46 DataFile Name : 044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4338.00	4356.00	4233.52	4309.17	1.53	ppb
Molybdenum	94-1	2061.07	1915.02	1910.44	1962.18	4.37	ppb
Molybdenum	95-1	2291.85	2101.35	2148.77	2180.66	4.55	ppb
Molybdenum	96-1	2278.10	2092.13	2124.51	2164.91	4.59	ppb
Molybdenum	97-1	2320.10	2148.48	2204.35	2224.31	3.94	ppb
Molybdenum	98-1	2316.12	2138.86	2192.68	2215.89	4.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	551.24	559.88	546.42	552.51	1.23	ppb
Phosphorus	31-2	2553.51	2603.74	2660.54	2605.93	2.05	ppb
Potassium	39-2	26928.47	27389.55	26567.05	26961.69	1.53	ppb
Rhodium	103-1				88		%
Rhodium	103-2				93		%
Scandium	45-1				88		%
Scandium	45-2				95		%
Selenium	77-2	523.60	602.24	548.87	558.24	7.19	ppb
Selenium	78-2	474.16	489.55	469.81	477.84	2.17	ppb
Selenium	82-1	479.16	438.49	450.36	456.00	4.59	ppb
Silicon	28-1	15377.64	13838.40	14109.06	14441.70	5.69	ppb
Silver	109-1	432.85	395.50	408.29	412.21	4.60	ppb
Silver	107-1	435.57	394.85	402.23	410.88	5.28	ppb
Sodium	23-2	49072.38	49251.50	48414.68	48912.85	0.90	ppb
Strontium	86-1	681.64	629.12	640.17	650.31	4.26	ppb
Strontium	88-1	688.94	633.27	652.50	658.24	4.30	ppb
Sulfur	34-1	3910.15	1146.47	1689.90	2248.84	65.11	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	517.74	460.77	468.84	482.45	6.39	ppb
Thallium	205-1	534.11	478.45	491.62	501.39	5.80	ppb
Tin	118-1	220.40	200.70	204.66	208.59	5.00	ppb
Titanium	47-1	2155.70	1907.27	2003.13	2022.04	6.20	ppb
Uranium	238-1	535.14	480.78	492.71	502.88	5.68	ppb
Vanadium	51-2	542.90	539.97	533.33	538.73	0.91	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	1154.48	1166.12	1140.45	1153.68	1.11	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16A	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01A	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:51:46	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	283.68	260.90	260.80	268.46	4.91	ppb
Zirconium	91-1	276.03	252.84	254.11	260.99	4.99	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-19	Instrumnet Name :	P8
Client Sample ID :	P001-SD007-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:55:05	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33501.50	34221.84	33457.25	33726.86	1.27	ppb
Antimony	121-1	0.15	0.19	0.19	0.18	13.40	ppb
Arsenic	75-2	7.37	6.57	6.90	6.95	5.83	ppb
Barium	135-1	1596.51	1693.86	1684.58	1658.31	3.24	ppb
Barium	137-1	1636.33	1762.60	1729.19	1709.37	3.83	ppb
Beryllium	9-1	1.88	1.94	1.88	1.90	1.75	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	10-1	1.86	1.25	1.75	1.62	20.17	ppb
Boron	11-1	2.58	2.11	0.33	1.67	70.79	ppb
Cadmium	111-1	1.05	1.09	1.10	1.08	2.56	ppb
Cadmium	106-1	-0.52	-0.28	0.85	0.01	4903.32	ppb
Cadmium	108-1	1.19	1.64	0.98	1.27	26.66	ppb
Calcium	43-1	19801.92	21353.27	20643.39	20599.53	3.77	ppb
Calcium	44-1	20117.15	21448.76	21018.30	20861.40	3.26	ppb
Chromium	52-2	22.50	22.92	21.99	22.47	2.09	ppb
Cobalt	59-2	7.71	7.64	7.54	7.63	1.12	ppb
Copper	63-2	43.25	43.55	42.26	43.02	1.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	13448.43	13650.32	13298.79	13465.84	1.31	ppb
Iron	57-2	13209.46	13320.93	12957.28	13162.56	1.42	ppb
Krypton	83-1						cps
Lead	206-1	103.69	109.55	110.50	107.91	3.42	ppb
Lead	207-1	95.83	99.49	99.78	98.37	2.24	ppb
Lead	208-1	98.75	103.61	103.35	101.90	2.68	ppb
Lithium	6-1				71		%
Magnesium	24-2	4442.29	4592.28	4463.97	4499.51	1.80	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-19	Instrumnet Name :	P8
Client Sample ID :	P001-SD007-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:55:05	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3112.55	3155.39	3087.86	3118.60	1.10	ppb
Molybdenum	94-1	7.45	7.29	7.87	7.54	4.01	ppb
Molybdenum	95-1	1.01	1.01	1.15	1.06	7.85	ppb
Molybdenum	96-1	1.78	1.88	1.74	1.80	4.15	ppb
Molybdenum	97-1	1.26	1.15	1.13	1.18	5.85	ppb
Molybdenum	98-1	1.16	1.06	1.10	1.11	4.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.21	19.14	18.68	19.01	1.51	ppb
Phosphorus	31-2	2952.74	3067.44	2514.27	2844.82	10.26	ppb
Potassium	39-2	3504.05	3502.29	3494.34	3500.23	0.15	ppb
Rhodium	103-1				92		%
Rhodium	103-2				96		%
Scandium	45-1				88		%
Scandium	45-2				94		%
Selenium	77-2	173.93	159.10	197.56	176.86	10.97	ppb
Selenium	78-2	24.14	16.83	24.26	21.74	19.59	ppb
Selenium	82-1	2.76	2.38	3.41	2.85	18.20	ppb
Silicon	28-1	5204.39	5581.91	5409.45	5398.58	3.50	ppb
Silver	109-1	0.26	0.28	0.28	0.27	4.04	ppb
Silver	107-1	0.23	0.26	0.24	0.24	5.73	ppb
Sodium	23-2	1011.46	1029.67	986.80	1009.31	2.13	ppb
Strontium	86-1	135.99	141.74	142.26	140.00	2.48	ppb
Strontium	88-1	142.87	147.82	147.67	146.12	1.93	ppb
Sulfur	34-1	-2729.11	-1489.72	-2568.88	-2262.57		ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.84	0.85	0.89	0.86	2.99	ppb
Thallium	205-1	0.86	0.86	0.92	0.88	4.16	ppb
Tin	118-1	0.64	0.79	0.76	0.73	10.55	ppb
Titanium	47-1	53.98	56.70	55.73	55.47	2.48	ppb
Uranium	238-1	1.67	1.68	1.72	1.69	1.40	ppb
Vanadium	51-2	30.71	29.86	30.29	30.29	1.40	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	160.99	160.43	158.85	160.09	0.69	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-19	Instrumnet Name :	P8
Client Sample ID :	P001-SD007-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:55:05	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	4.16	4.63	4.47	4.42	5.39	ppb
Zirconium	91-1	4.19	4.51	4.48	4.40	4.01	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-01DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD006-0006-02DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:01:07 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20579.86	20516.90	20818.27	20638.34	0.77	ppb
Antimony	121-1	0.36	0.40	0.45	0.40	11.05	ppb
Arsenic	75-2	5.60	5.73	5.27	5.53	4.28	ppb
Barium	135-1	674.87	847.38	891.25	804.50	14.22	ppb
Barium	137-1	686.77	855.82	899.77	814.12	13.81	ppb
Beryllium	9-1	1.50	2.06	2.07	1.88	17.28	ppb
Bismuth	209-1				106		%
Bismuth	209-2				95		%
Boron	10-1	-7.61	-5.55	-4.28	-5.81		ppb
Boron	11-1	-8.32	-5.40	-5.43	-6.38		ppb
Cadmium	111-1	0.85	1.20	1.29	1.11	21.13	ppb
Cadmium	106-1	-0.47	0.20	2.31	0.68	213.73	ppb
Cadmium	108-1	1.60	1.53	1.82	1.65	9.10	ppb
Calcium	43-1	15161.55	19214.27	20120.20	18165.34	14.54	ppb
Calcium	44-1	15309.89	19097.00	20196.98	18201.29	14.09	ppb
Chromium	52-2	21.28	21.41	22.31	21.67	2.60	ppb
Cobalt	59-2	8.81	8.77	9.16	8.91	2.45	ppb
Copper	63-2	67.21	67.59	68.61	67.80	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				97		%
Indium	115-1				106		%
Indium	115-2				93		%
Iron	56-2	23283.76	23536.25	23869.30	23563.10	1.25	ppb
Iron	57-2	22874.43	22929.45	23528.33	23110.73	1.57	ppb
Krypton	83-1						cps
Lead	206-1	74.64	91.16	96.85	87.55	13.18	ppb
Lead	207-1	69.59	84.52	89.03	81.05	12.56	ppb
Lead	208-1	70.94	88.24	92.38	83.85	13.57	ppb
Lithium	6-1				75		%
Magnesium	24-2	3950.51	3864.52	3970.33	3928.45	1.43	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-01DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD006-0006-02DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:01:07 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2407.55	2415.90	2468.18	2430.54	1.35	ppb
Molybdenum	94-1	7.63	9.72	10.74	9.36	16.91	ppb
Molybdenum	95-1	1.02	1.26	1.40	1.23	15.84	ppb
Molybdenum	96-1	1.85	2.24	2.24	2.11	10.60	ppb
Molybdenum	97-1	1.06	1.23	1.54	1.28	19.07	ppb
Molybdenum	98-1	1.05	1.27	1.40	1.24	14.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.78	26.82	27.82	26.81	3.81	ppb
Phosphorus	31-2	1832.44	1982.33	2018.07	1944.28	5.07	ppb
Potassium	39-2	1100.65	1088.76	1085.56	1091.66	0.73	ppb
Rhodium	103-1				104		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	77-2	32.37	38.46	48.83	39.88	20.87	ppb
Selenium	78-2	12.85	7.75	9.48	10.03	25.82	ppb
Selenium	82-1	2.95	3.37	3.99	3.44	15.15	ppb
Silicon	28-1	1322.70	1697.84	1795.43	1605.32	15.55	ppb
Silver	109-1	0.09	0.13	0.11	0.11	16.78	ppb
Silver	107-1	0.11	0.13	0.13	0.12	10.16	ppb
Sodium	23-2	285.27	300.92	322.03	302.74	6.09	ppb
Strontium	86-1	101.15	124.45	130.90	118.83	13.17	ppb
Strontium	88-1	105.08	130.04	136.31	123.81	13.34	ppb
Sulfur	34-1	-2751.29	1206.66	2535.29	330.22	832.81	ppb
Terbium	159-1				111		%
Terbium	159-2				96		%
Thallium	203-1	0.19	0.17	0.22	0.19	12.23	ppb
Thallium	205-1	0.15	0.19	0.18	0.17	12.09	ppb
Tin	118-1	0.51	0.71	0.76	0.66	20.31	ppb
Titanium	47-1	46.17	59.24	60.97	55.46	14.59	ppb
Uranium	238-1	0.89	1.06	1.12	1.02	11.90	ppb
Vanadium	51-2	31.21	31.29	31.09	31.20	0.32	ppb
Yttrium	89-1				115		%
Yttrium	89-2				101		%
Zinc	66-2	149.19	153.79	152.30	151.76	1.55	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-01DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0006-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:01:07	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	4.93	5.95	6.33	5.74	12.64	ppb
Zirconium	91-1	4.78	6.06	6.11	5.65	13.32	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-02DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD012-0612-02DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:04:32 DataFile Name : 047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16869.15	16832.92	16674.71	16792.26	0.62	ppb
Antimony	121-1	0.05	0.07	0.08	0.07	24.54	ppb
Arsenic	75-2	8.39	7.64	6.78	7.60	10.60	ppb
Barium	135-1	119.65	164.83	139.99	141.49	15.99	ppb
Barium	137-1	120.08	166.68	139.87	142.21	16.45	ppb
Beryllium	9-1	0.69	1.00	0.77	0.82	19.97	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Boron	10-1	-9.15	-8.72	-9.63	-9.16		ppb
Boron	11-1	-10.07	-8.62	-9.70	-9.46		ppb
Cadmium	111-1	0.30	0.51	0.24	0.35	40.68	ppb
Cadmium	106-1	1.13	2.04	-0.43	0.91	136.99	ppb
Cadmium	108-1	0.30	0.58	0.56	0.48	32.52	ppb
Calcium	43-1	2591.46	3465.87	2995.43	3017.58	14.50	ppb
Calcium	44-1	2604.31	3578.65	3032.42	3071.79	15.90	ppb
Chromium	52-2	22.57	22.65	22.52	22.58	0.31	ppb
Cobalt	59-2	18.47	18.19	18.04	18.24	1.19	ppb
Copper	63-2	25.62	25.88	25.00	25.50	1.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	31842.87	31536.49	31308.30	31562.55	0.85	ppb
Iron	57-2	30937.59	30682.26	30925.67	30848.50	0.47	ppb
Krypton	83-1						cps
Lead	206-1	22.37	31.06	25.56	26.33	16.69	ppb
Lead	207-1	20.76	28.80	23.75	24.44	16.63	ppb
Lead	208-1	21.40	29.59	24.46	25.15	16.46	ppb
Lithium	6-1				66		%
Magnesium	24-2	7776.99	7642.07	7625.39	7681.48	1.08	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-02DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD012-0612-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:04:32	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	387.91	388.18	380.56	385.55	1.12	ppb
Molybdenum	94-1	8.58	11.42	9.83	9.95	14.31	ppb
Molybdenum	95-1	0.54	0.77	0.66	0.66	17.51	ppb
Molybdenum	96-1	1.59	2.02	1.81	1.81	11.96	ppb
Molybdenum	97-1	0.62	0.84	0.76	0.74	14.58	ppb
Molybdenum	98-1	0.56	0.77	0.69	0.67	15.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.51	37.43	37.67	37.87	1.50	ppb
Phosphorus	31-2	631.59	520.97	523.30	558.62	11.31	ppb
Potassium	39-2	928.47	876.76	899.74	901.66	2.87	ppb
Rhodium	103-1				92		%
Rhodium	103-2				96		%
Scandium	45-1				86		%
Scandium	45-2				94		%
Selenium	77-2	33.92	37.32	22.88	31.37	24.07	ppb
Selenium	78-2	6.57	7.12	8.66	7.45	14.56	ppb
Selenium	82-1	0.92	0.16	2.26	1.11	95.57	ppb
Silicon	28-1	2206.61	2995.64	2574.68	2592.31	15.23	ppb
Silver	109-1	0.03	0.04	0.06	0.04	27.90	ppb
Silver	107-1	0.06	0.07	0.03	0.05	37.03	ppb
Sodium	23-2	187.43	186.06	188.45	187.31	0.64	ppb
Strontium	86-1	15.75	20.59	17.59	17.98	13.57	ppb
Strontium	88-1	15.53	20.95	17.62	18.03	15.15	ppb
Sulfur	34-1	-6672.92	-2252.01	-4908.16	-4611.03		ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	0.11	0.11	0.07	0.09	26.96	ppb
Thallium	205-1	0.09	0.12	0.09	0.10	15.98	ppb
Tin	118-1	0.28	0.35	0.23	0.29	19.76	ppb
Titanium	47-1	55.77	78.48	67.46	67.24	16.89	ppb
Uranium	238-1	0.64	0.87	0.69	0.73	16.15	ppb
Vanadium	51-2	21.75	21.45	21.44	21.55	0.82	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	155.68	154.13	150.42	153.41	1.76	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-02DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD012-0612-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:04:32	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	5.51	7.38	6.15	6.35	14.94	ppb
Zirconium	91-1	5.48	7.17	6.47	6.37	13.31	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-03DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD014-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:07:59	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31481.08	31867.83	30854.41	31401.11	1.63	ppb
Antimony	121-1	0.23	0.16	0.20	0.19	19.16	ppb
Arsenic	75-2	7.29	6.64	6.58	6.84	5.77	ppb
Barium	135-1	889.88	914.88	1013.95	939.57	6.98	ppb
Barium	137-1	900.24	915.47	1017.99	944.56	6.78	ppb
Beryllium	9-1	2.37	2.38	2.72	2.49	7.99	ppb
Bismuth	209-1				92		%
Bismuth	209-2				95		%
Boron	10-1	-7.45	-7.89	-5.50	-6.95		ppb
Boron	11-1	-9.35	-8.95	-7.76	-8.69		ppb
Cadmium	111-1	1.05	1.01	0.97	1.01	3.77	ppb
Cadmium	106-1	0.43	0.95	0.09	0.49	88.78	ppb
Cadmium	108-1	1.72	1.14	1.59	1.48	20.63	ppb
Calcium	43-1	14295.29	14532.24	16185.55	15004.36	6.86	ppb
Calcium	44-1	14453.43	14682.17	16635.91	15257.17	7.86	ppb
Chromium	52-2	32.27	32.78	31.80	32.28	1.52	ppb
Cobalt	59-2	14.36	14.36	13.60	14.11	3.13	ppb
Copper	63-2	64.44	65.27	63.57	64.42	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				97		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	38005.52	38589.57	37328.90	37974.66	1.66	ppb
Iron	57-2	36944.57	37636.45	37140.93	37240.65	0.96	ppb
Krypton	83-1						cps
Lead	206-1	95.09	93.40	104.56	97.68	6.16	ppb
Lead	207-1	86.47	86.72	96.34	89.85	6.26	ppb
Lead	208-1	89.74	89.23	98.87	92.61	5.85	ppb
Lithium	6-1				65		%
Magnesium	24-2	7479.82	7458.85	7369.24	7435.97	0.79	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-03DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD014-0006-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:07:59 DataFile Name : 048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1254.86	1267.23	1245.11	1255.73	0.88	ppb
Molybdenum	94-1	9.38	9.08	10.25	9.57	6.35	ppb
Molybdenum	95-1	1.52	1.48	1.84	1.61	12.34	ppb
Molybdenum	96-1	2.56	2.62	2.67	2.62	2.15	ppb
Molybdenum	97-1	1.54	1.52	1.67	1.58	5.12	ppb
Molybdenum	98-1	1.60	1.51	1.80	1.64	8.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.91	39.24	37.90	38.35	2.00	ppb
Phosphorus	31-2	2392.69	2282.45	2280.68	2318.61	2.77	ppb
Potassium	39-2	1284.75	1345.37	1243.47	1291.20	3.97	ppb
Rhodium	103-1				89		%
Rhodium	103-2				96		%
Scandium	45-1				85		%
Scandium	45-2				94		%
Selenium	77-2	65.88	59.56	55.74	60.40	8.48	ppb
Selenium	78-2	10.10	19.04	15.58	14.91	30.25	ppb
Selenium	82-1	2.48	2.57	2.96	2.67	9.69	ppb
Silicon	28-1	2268.42	2304.89	2547.34	2373.55	6.39	ppb
Silver	109-1	0.06	0.07	0.10	0.08	24.38	ppb
Silver	107-1	0.12	0.09	0.11	0.11	15.82	ppb
Sodium	23-2	317.39	324.97	297.71	313.36	4.49	ppb
Strontium	86-1	98.66	96.29	104.16	99.70	4.05	ppb
Strontium	88-1	98.69	98.06	107.91	101.55	5.43	ppb
Sulfur	34-1	1726.76	1804.66	4571.79	2701.07	60.00	ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	0.28	0.20	0.21	0.23	17.98	ppb
Thallium	205-1	0.21	0.18	0.26	0.22	18.23	ppb
Tin	118-1	1.02	1.04	1.21	1.09	9.57	ppb
Titanium	47-1	50.12	51.09	56.08	52.43	6.11	ppb
Uranium	238-1	1.55	1.64	1.75	1.65	6.18	ppb
Vanadium	51-2	42.51	44.04	42.23	42.93	2.27	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	179.26	178.84	175.98	178.03	1.00	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-03DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD014-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:07:59	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	5.55	5.63	6.21	5.80	6.24	ppb
Zirconium	91-1	5.59	5.56	6.28	5.81	6.95	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-04DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD014-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:11:24 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22511.59	23330.85	22694.74	22845.73	1.88	ppb
Antimony	121-1	0.03	0.03	0.01	0.03	44.39	ppb
Arsenic	75-2	1.66	1.88	1.80	1.78	6.36	ppb
Barium	135-1	323.79	312.62	333.29	323.24	3.20	ppb
Barium	137-1	324.36	313.17	340.64	326.05	4.24	ppb
Beryllium	9-1	0.91	0.84	0.94	0.90	5.40	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	-9.37	-8.28	-10.40	-9.35		ppb
Boron	11-1	-9.84	-10.60	-10.06	-10.17		ppb
Cadmium	111-1	0.23	0.15	0.18	0.19	21.12	ppb
Cadmium	106-1	0.98	-0.98	-0.05	-0.01		ppb
Cadmium	108-1	0.32	0.41	0.57	0.44	28.77	ppb
Calcium	43-1	3557.93	3474.93	3704.56	3579.14	3.25	ppb
Calcium	44-1	3625.18	3520.57	3785.00	3643.58	3.65	ppb
Chromium	52-2	26.54	26.93	25.50	26.33	2.80	ppb
Cobalt	59-2	9.02	9.49	9.13	9.21	2.64	ppb
Copper	63-2	34.40	34.88	34.28	34.52	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	56-2	23600.26	24494.94	23458.12	23851.11	2.36	ppb
Iron	57-2	22955.59	23771.85	23278.24	23335.23	1.76	ppb
Krypton	83-1						cps
Lead	206-1	33.01	32.66	34.41	33.36	2.78	ppb
Lead	207-1	30.12	30.03	31.02	30.39	1.80	ppb
Lead	208-1	31.43	31.24	32.74	31.80	2.58	ppb
Lithium	6-1				65		%
Magnesium	24-2	6458.99	6424.66	6476.39	6453.35	0.41	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-04DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD014-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:11:24	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	256.80	267.72	256.72	260.41	2.43	ppb
Molybdenum	94-1	7.13	7.24	7.67	7.35	3.87	ppb
Molybdenum	95-1	0.15	0.14	0.15	0.15	3.14	ppb
Molybdenum	96-1	1.10	1.00	1.02	1.04	4.82	ppb
Molybdenum	97-1	0.15	0.13	0.16	0.15	11.68	ppb
Molybdenum	98-1	0.16	0.15	0.15	0.15	5.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.09	28.06	26.22	27.12	3.39	ppb
Phosphorus	31-2	808.99	840.71	1044.86	898.19	14.25	ppb
Potassium	39-2	984.90	1009.40	979.77	991.35	1.60	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				86		%
Scandium	45-2				91		%
Selenium	77-2	81.85	64.07	57.70	67.87	18.44	ppb
Selenium	78-2	6.47	10.40	5.34	7.40	35.89	ppb
Selenium	82-1	1.42	0.60	2.02	1.34	53.13	ppb
Silicon	28-1	3232.98	3099.75	3332.54	3221.76	3.63	ppb
Silver	109-1	0.06	0.04	0.08	0.06	30.63	ppb
Silver	107-1	0.07	0.06	0.08	0.07	16.49	ppb
Sodium	23-2	168.44	184.52	166.47	173.14	5.72	ppb
Strontium	86-1	21.84	20.51	22.28	21.54	4.26	ppb
Strontium	88-1	21.97	20.95	22.52	21.82	3.66	ppb
Sulfur	34-1	-7747.45	-8329.67	-7466.99	-7848.04		ppb
Terbium	159-1				99		%
Terbium	159-2				93		%
Thallium	203-1	0.14	0.14	0.21	0.17	24.68	ppb
Thallium	205-1	0.13	0.14	0.15	0.14	8.50	ppb
Tin	118-1	0.26	0.27	0.26	0.26	1.69	ppb
Titanium	47-1	68.59	69.11	72.83	70.18	3.30	ppb
Uranium	238-1	0.72	0.69	0.73	0.71	2.65	ppb
Vanadium	51-2	20.54	21.10	20.67	20.77	1.41	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	95.77	102.11	98.12	98.67	3.25	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-04DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD014-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:11:24	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	4.70	4.74	4.95	4.80	2.82	ppb
Zirconium	91-1	4.65	4.47	4.65	4.59	2.25	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-05DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS001-0612-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:14:50	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18318.50	17912.04	16331.52	17520.69	5.99	ppb
Antimony	121-1	0.10	0.12	0.11	0.11	7.06	ppb
Arsenic	75-2	12.94	11.49	10.44	11.62	10.83	ppb
Barium	135-1	299.59	288.95	300.68	296.41	2.19	ppb
Barium	137-1	300.61	294.14	307.71	300.82	2.26	ppb
Beryllium	9-1	1.28	1.35	1.14	1.26	8.31	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	-7.26	-8.43	-5.59	-7.09		ppb
Boron	11-1	-7.24	-8.03	-7.94	-7.73		ppb
Cadmium	111-1	0.19	0.46	0.22	0.29	51.29	ppb
Cadmium	106-1	-0.51	2.59	-0.56	0.51	356.80	ppb
Cadmium	108-1	0.93	0.58	1.45	0.99	44.49	ppb
Calcium	43-1	21111.42	20717.73	22011.01	21280.05	3.12	ppb
Calcium	44-1	21467.44	21078.20	22218.60	21588.08	2.69	ppb
Chromium	52-2	29.06	27.21	25.75	27.34	6.07	ppb
Cobalt	59-2	18.53	17.86	16.15	17.51	7.00	ppb
Copper	63-2	58.31	56.21	51.35	55.29	6.45	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				98		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	52792.62	50635.52	46267.48	49898.54	6.66	ppb
Iron	57-2	51114.73	49683.82	45126.69	48641.75	6.43	ppb
Krypton	83-1						cps
Lead	206-1	38.46	37.04	39.39	38.29	3.09	ppb
Lead	207-1	35.42	34.01	35.46	34.96	2.37	ppb
Lead	208-1	36.58	35.23	37.19	36.33	2.75	ppb
Lithium	6-1				65		%
Magnesium	24-2	13513.75	12984.90	11950.78	12816.48	6.20	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-05DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS001-0612-02DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:14:50 DataFile Name : 050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1741.96	1662.56	1526.78	1643.77	6.62	ppb
Molybdenum	94-1	18.23	17.09	17.88	17.74	3.30	ppb
Molybdenum	95-1	0.97	0.93	1.06	0.98	6.95	ppb
Molybdenum	96-1	2.93	3.01	3.09	3.01	2.68	ppb
Molybdenum	97-1	0.95	0.78	0.93	0.89	10.45	ppb
Molybdenum	98-1	0.93	0.86	0.99	0.93	6.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.40	44.96	40.45	43.94	7.06	ppb
Phosphorus	31-2	1563.41	1494.79	1231.03	1429.74	12.27	ppb
Potassium	39-2	2030.03	1940.12	1745.95	1905.37	7.62	ppb
Rhodium	103-1				90		%
Rhodium	103-2				94		%
Scandium	45-1				86		%
Scandium	45-2				92		%
Selenium	77-2	46.56	26.91	44.11	39.19	27.32	ppb
Selenium	78-2	8.73	7.72	10.23	8.89	14.23	ppb
Selenium	82-1	1.69	0.83	0.43	0.98	65.31	ppb
Silicon	28-1	2266.62	2218.55	2345.84	2277.00	2.82	ppb
Silver	109-1	0.10	0.12	0.09	0.10	12.52	ppb
Silver	107-1	0.13	0.11	0.12	0.12	11.59	ppb
Sodium	23-2	216.07	206.89	182.87	201.94	8.49	ppb
Strontium	86-1	78.18	76.66	78.51	77.78	1.27	ppb
Strontium	88-1	79.11	75.99	79.27	78.13	2.37	ppb
Sulfur	34-1	-7070.83	-7445.65	-6120.25	-6878.91		ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	0.08	0.14	0.13	0.12	24.70	ppb
Thallium	205-1	0.10	0.10	0.12	0.11	11.65	ppb
Tin	118-1	0.31	0.25	0.31	0.29	12.56	ppb
Titanium	47-1	61.52	59.15	61.88	60.85	2.44	ppb
Uranium	238-1	0.70	0.72	0.72	0.72	1.65	ppb
Vanadium	51-2	29.19	29.14	25.51	27.95	7.55	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	155.32	149.89	133.02	146.08	7.96	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-05DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS001-0612-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:14:50	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	11.83	11.25	11.75	11.61	2.70	ppb
Zirconium	91-1	11.04	10.87	11.41	11.11	2.51	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-09DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD003-0006-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:18:15 DataFile Name : 051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17699.93	17240.36	17711.49	17550.59	1.53	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	33.61	ppb
Arsenic	75-2	2.80	2.66	2.83	2.76	3.42	ppb
Barium	135-1	338.67	341.17	299.39	326.41	7.18	ppb
Barium	137-1	337.36	341.35	304.48	327.73	6.17	ppb
Beryllium	9-1	0.63	0.69	0.85	0.72	15.31	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	-12.79	-12.39	-12.01	-12.40		ppb
Boron	11-1	-13.69	-12.87	-13.67	-13.41		ppb
Cadmium	111-1	0.03	0.12	0.03	0.06	83.04	ppb
Cadmium	106-1	-1.19	-0.74	-0.66	-0.86		ppb
Cadmium	108-1	0.06	0.12	0.22	0.14	59.40	ppb
Calcium	43-1	3231.01	3332.79	2908.98	3157.60	7.01	ppb
Calcium	44-1	3296.03	3396.51	2926.90	3206.48	7.71	ppb
Chromium	52-2	15.01	14.28	14.38	14.55	2.73	ppb
Cobalt	59-2	7.24	6.74	6.98	6.99	3.58	ppb
Copper	63-2	12.45	12.31	12.40	12.39	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	19938.43	19281.70	19819.53	19679.89	1.78	ppb
Iron	57-2	19541.34	19113.62	19380.53	19345.16	1.12	ppb
Krypton	83-1						cps
Lead	206-1	20.95	21.52	19.36	20.61	5.43	ppb
Lead	207-1	19.01	19.50	17.65	18.72	5.11	ppb
Lead	208-1	19.87	20.33	18.19	19.47	5.77	ppb
Lithium	6-1				66		%
Magnesium	24-2	3514.16	3432.87	3459.19	3468.74	1.20	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-09DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD003-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:18:15	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	735.19	715.53	741.08	730.60	1.83	ppb
Molybdenum	94-1	5.62	5.51	4.77	5.30	8.76	ppb
Molybdenum	95-1	0.36	0.35	0.25	0.32	18.19	ppb
Molybdenum	96-1	0.79	0.90	0.90	0.86	7.47	ppb
Molybdenum	97-1	0.31	0.26	0.26	0.28	10.22	ppb
Molybdenum	98-1	0.28	0.24	0.28	0.27	9.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.08	17.72	18.38	18.06	1.85	ppb
Phosphorus	31-2	692.31	710.53	776.22	726.35	6.08	ppb
Potassium	39-2	776.30	687.91	720.12	728.11	6.14	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				87		%
Scandium	45-2				92		%
Selenium	77-2	27.26	34.06	5.98	22.43	65.30	ppb
Selenium	78-2	0.83	3.12	3.15	2.37	56.38	ppb
Selenium	82-1	0.42	0.64	1.11	0.72	48.52	ppb
Silicon	28-1	1235.23	1292.49	1112.31	1213.34	7.59	ppb
Silver	109-1	0.03	0.02	0.02	0.02	25.69	ppb
Silver	107-1	0.02	0.04	0.03	0.03	23.22	ppb
Sodium	23-2	191.46	183.21	192.80	189.16	2.75	ppb
Strontium	86-1	23.38	24.07	21.59	23.01	5.55	ppb
Strontium	88-1	24.44	24.81	21.90	23.72	6.66	ppb
Sulfur	34-1	-6399.96	-5985.26	-8391.97	-6925.73		ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	0.10	0.16	0.10	0.12	26.65	ppb
Thallium	205-1	0.12	0.14	0.09	0.12	19.97	ppb
Tin	118-1	0.19	0.16	0.14	0.16	17.28	ppb
Titanium	47-1	8.84	9.41	8.25	8.84	6.55	ppb
Uranium	238-1	0.41	0.40	0.38	0.40	4.03	ppb
Vanadium	51-2	15.73	15.12	15.70	15.52	2.22	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	54.93	52.57	50.66	52.72	4.05	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-09DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD003-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:18:15	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	3.43	3.58	3.08	3.36	7.66	ppb
Zirconium	91-1	3.61	3.30	3.27	3.39	5.52	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-10DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD003-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:21:41 DataFile Name : 052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15558.54	15586.48	16651.50	15932.17	3.91	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	25.89	ppb
Arsenic	75-2	0.89	1.09	1.16	1.05	13.41	ppb
Barium	135-1	289.31	278.43	278.83	282.19	2.19	ppb
Barium	137-1	293.23	279.15	276.12	282.83	3.23	ppb
Beryllium	9-1	0.49	0.47	0.35	0.44	18.00	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	10-1	-13.87	-13.36	-13.04	-13.43		ppb
Boron	11-1	-13.72	-13.04	-13.71	-13.49		ppb
Cadmium	111-1	-0.04	-0.04	-0.09	-0.06		ppb
Cadmium	106-1	-1.33	-1.31	-1.94	-1.53		ppb
Cadmium	108-1	-0.10	0.05	-0.22	-0.09		ppb
Calcium	43-1	2477.29	2439.01	2469.72	2462.00	0.82	ppb
Calcium	44-1	2571.58	2498.30	2469.08	2512.99	2.10	ppb
Chromium	52-2	12.32	12.42	13.16	12.63	3.63	ppb
Cobalt	59-2	3.36	3.34	3.64	3.45	4.98	ppb
Copper	63-2	5.56	5.56	6.00	5.71	4.46	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				100		%
Holmium	165-2				92		%
Indium	115-1				95		%
Indium	115-2				88		%
Iron	56-2	9795.57	9755.61	10407.79	9986.32	3.66	ppb
Iron	57-2	9606.36	9511.37	10346.17	9821.30	4.65	ppb
Krypton	83-1						cps
Lead	206-1	11.16	11.30	10.52	10.99	3.76	ppb
Lead	207-1	10.17	10.21	9.49	9.96	4.08	ppb
Lead	208-1	10.57	10.60	10.01	10.39	3.24	ppb
Lithium	6-1				65		%
Magnesium	24-2	2168.01	2206.40	2474.37	2282.92	7.31	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-10DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD003-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:21:41 DataFile Name : 052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	281.53	281.06	303.94	288.84	4.53	ppb
Molybdenum	94-1	1.90	1.84	1.85	1.86	1.70	ppb
Molybdenum	95-1	0.11	0.11	0.07	0.10	20.03	ppb
Molybdenum	96-1	0.26	0.32	0.29	0.29	9.95	ppb
Molybdenum	97-1	0.18	0.09	0.12	0.13	35.19	ppb
Molybdenum	98-1	0.09	0.11	0.11	0.10	10.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.10	9.95	10.27	10.11	1.58	ppb
Phosphorus	31-2	474.62	513.76	648.13	545.50	16.68	ppb
Potassium	39-2	620.74	604.71	630.32	618.59	2.09	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				85		%
Scandium	45-2				89		%
Selenium	77-2	31.47	13.53	14.37	19.79	51.16	ppb
Selenium	78-2	2.65	1.49	2.90	2.34	32.12	ppb
Selenium	82-1	0.49	1.07	1.45	1.00	48.28	ppb
Silicon	28-1	1419.05	1373.64	1350.65	1381.11	2.52	ppb
Silver	109-1	0.05	0.02	0.02	0.03	57.22	ppb
Silver	107-1	0.03	0.03	0.02	0.03	11.41	ppb
Sodium	23-2	206.25	194.46	217.34	206.02	5.55	ppb
Strontium	86-1	17.50	18.05	16.75	17.43	3.72	ppb
Strontium	88-1	18.40	17.88	17.31	17.86	3.06	ppb
Sulfur	34-1	-7704.47	-7930.14	-8132.33	-7922.31		ppb
Terbium	159-1				100		%
Terbium	159-2				92		%
Thallium	203-1	0.14	0.10	0.13	0.12	15.39	ppb
Thallium	205-1	0.13	0.13	0.12	0.13	6.03	ppb
Tin	118-1	0.14	0.19	0.18	0.17	14.72	ppb
Titanium	47-1	9.41	9.94	9.13	9.49	4.37	ppb
Uranium	238-1	0.37	0.34	0.35	0.35	4.18	ppb
Vanadium	51-2	10.19	10.62	11.51	10.77	6.27	ppb
Yttrium	89-1				99		%
Yttrium	89-2				90		%
Zinc	66-2	30.56	29.33	31.07	30.32	2.95	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-10DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD003-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:21:41	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.21	1.16	1.09	1.15	5.45	ppb
Zirconium	91-1	1.20	1.14	1.07	1.14	5.54	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-11DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD004-0006-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:25:07 DataFile Name : 053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11834.37	11711.98	12243.31	11929.88	2.33	ppb
Antimony	121-1	0.05	0.05	0.04	0.05	8.62	ppb
Arsenic	75-2	2.19	2.20	2.35	2.25	3.86	ppb
Barium	135-1	383.24	369.99	374.99	376.07	1.78	ppb
Barium	137-1	387.86	369.44	377.01	378.10	2.45	ppb
Beryllium	9-1	0.92	0.97	1.02	0.97	5.21	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	-12.55	-12.20	-12.83	-12.53		ppb
Boron	11-1	-12.88	-12.67	-12.98	-12.84		ppb
Cadmium	111-1	0.23	0.35	0.29	0.29	20.53	ppb
Cadmium	106-1	-2.48	-1.01	-2.02	-1.84		ppb
Cadmium	108-1	0.13	0.33	0.06	0.17	79.17	ppb
Calcium	43-1	4512.91	4250.29	4376.55	4379.91	3.00	ppb
Calcium	44-1	4599.32	4345.27	4481.52	4475.37	2.84	ppb
Chromium	52-2	8.75	8.84	8.96	8.85	1.15	ppb
Cobalt	59-2	2.97	2.74	3.02	2.91	5.28	ppb
Copper	63-2	18.64	18.80	19.51	18.99	2.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				94		%
Indium	115-1				93		%
Indium	115-2				89		%
Iron	56-2	7772.56	7693.94	8187.11	7884.54	3.36	ppb
Iron	57-2	7688.11	7530.14	7832.44	7683.57	1.97	ppb
Krypton	83-1						cps
Lead	206-1	37.83	34.53	35.33	35.89	4.80	ppb
Lead	207-1	34.60	31.26	31.93	32.60	5.41	ppb
Lead	208-1	35.55	32.51	33.01	33.69	4.84	ppb
Lithium	6-1				62		%
Magnesium	24-2	1232.10	1223.95	1262.71	1239.59	1.65	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-11DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD004-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:25:07	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	416.18	405.28	425.51	415.66	2.44	ppb
Molybdenum	94-1	2.43	2.22	2.56	2.41	7.12	ppb
Molybdenum	95-1	0.43	0.35	0.35	0.37	12.69	ppb
Molybdenum	96-1	0.62	0.68	0.58	0.63	8.24	ppb
Molybdenum	97-1	0.53	0.34	0.42	0.43	22.54	ppb
Molybdenum	98-1	0.43	0.34	0.37	0.38	12.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.99	9.21	10.16	9.79	5.19	ppb
Phosphorus	31-2	982.01	899.65	905.37	929.01	4.95	ppb
Potassium	39-2	399.26	397.86	427.04	408.05	4.03	ppb
Rhodium	103-1				91		%
Rhodium	103-2				94		%
Scandium	45-1				82		%
Scandium	45-2				90		%
Selenium	77-2	24.10	16.59	13.86	18.18	29.15	ppb
Selenium	78-2	3.22	4.32	3.39	3.64	16.20	ppb
Selenium	82-1	0.74	0.69	0.96	0.80	17.84	ppb
Silicon	28-1	1729.72	1636.53	1647.33	1671.20	3.05	ppb
Silver	109-1	0.03	0.02	0.03	0.02	24.55	ppb
Silver	107-1	0.03	0.03	0.03	0.03	6.58	ppb
Sodium	23-2	177.41	164.65	197.71	179.93	9.26	ppb
Strontium	86-1	32.26	30.27	31.72	31.42	3.27	ppb
Strontium	88-1	32.90	31.56	32.15	32.21	2.10	ppb
Sulfur	34-1	-5556.16	-6383.37	-6530.85	-6156.79		ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	0.14	0.13	0.12	0.13	7.39	ppb
Thallium	205-1	0.13	0.09	0.09	0.10	21.31	ppb
Tin	118-1	0.24	0.18	0.16	0.19	19.65	ppb
Titanium	47-1	17.14	15.56	15.98	16.23	5.04	ppb
Uranium	238-1	0.63	0.63	0.63	0.63	0.48	ppb
Vanadium	51-2	11.07	10.74	12.11	11.31	6.36	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	48.41	52.36	52.74	51.17	4.69	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-11DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD004-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:25:07	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.46	1.47	1.42	1.45	1.88	ppb
Zirconium	91-1	1.43	1.40	1.44	1.43	1.48	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 15:31:40	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52487.82	51736.03	46625.81	50283.22	6.34	ppb
Antimony	121-1	508.85	527.64	523.46	519.98	1.90	ppb
Arsenic	75-2	544.23	545.16	485.70	525.03	6.49	ppb
Barium	135-1	2548.16	2573.13	2612.02	2577.77	1.25	ppb
Barium	137-1	2525.10	2580.90	2596.72	2567.57	1.47	ppb
Beryllium	9-1	612.20	606.16	609.85	609.40	0.50	ppb
Bismuth	209-1				92		%
Bismuth	209-2				90		%
Boron	10-1	589.13	581.16	599.65	589.98	1.57	ppb
Boron	11-1	605.13	618.04	617.85	613.68	1.21	ppb
Cadmium	111-1	493.49	504.97	512.80	503.75	1.93	ppb
Cadmium	106-1	488.59	513.21	520.56	507.45	3.30	ppb
Cadmium	108-1	503.18	521.29	521.02	515.16	2.01	ppb
Calcium	43-1	245951.23	252082.46	255667.30	251233.67	1.96	ppb
Calcium	44-1	246221.46	249256.86	247040.31	247506.21	0.63	ppb
Chromium	52-2	539.33	528.30	476.67	514.77	6.50	ppb
Cobalt	59-2	530.43	520.29	467.62	506.11	6.66	ppb
Copper	63-2	1037.55	1016.06	913.32	988.97	6.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				89		%
Iron	56-2	133997.78	129532.70	116144.19	126558.22	7.34	ppb
Iron	57-2	136092.72	132517.95	120137.11	129582.59	6.46	ppb
Krypton	83-1						cps
Lead	206-1	492.87	499.23	499.13	497.08	0.73	ppb
Lead	207-1	483.12	493.75	491.77	489.55	1.15	ppb
Lead	208-1	496.42	505.82	502.26	501.50	0.95	ppb
Lithium	6-1				68		%
Magnesium	24-2	261715.56	254526.80	227063.58	247768.65	7.38	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 15:31:40	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1044.22	1028.73	914.60	995.85	7.11	ppb
Molybdenum	94-1	2535.53	2527.69	2561.11	2541.44	0.69	ppb
Molybdenum	95-1	2503.13	2519.00	2564.14	2528.76	1.25	ppb
Molybdenum	96-1	2474.52	2529.34	2559.19	2521.01	1.70	ppb
Molybdenum	97-1	2528.99	2496.25	2579.22	2534.82	1.65	ppb
Molybdenum	98-1	2518.62	2539.43	2551.00	2536.35	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	540.04	526.95	472.11	513.03	7.02	ppb
Phosphorus	31-2	10552.19	10430.36	9198.04	10060.20	7.45	ppb
Potassium	39-2	132072.79	129713.61	116665.71	126150.70	6.58	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				87		%
Scandium	45-2				94		%
Selenium	77-2	497.90	479.94	539.54	505.79	6.05	ppb
Selenium	78-2	519.67	547.49	497.21	521.46	4.83	ppb
Selenium	82-1	501.19	496.90	507.49	501.86	1.06	ppb
Silicon	28-1	475.84	500.88	497.18	491.30	2.75	ppb
Silver	109-1	498.66	513.22	522.85	511.58	2.38	ppb
Silver	107-1	505.59	512.28	519.60	512.49	1.37	ppb
Sodium	23-2	263009.19	255759.65	230140.79	249636.54	6.92	ppb
Strontium	86-1	503.49	499.84	502.11	501.81	0.37	ppb
Strontium	88-1	509.72	507.91	517.24	511.62	0.97	ppb
Sulfur	34-1	8815.73	9823.41	10091.39	9576.84	7.02	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	497.59	502.57	503.91	501.36	0.66	ppb
Thallium	205-1	518.30	520.48	527.28	522.02	0.90	ppb
Tin	118-1	506.31	522.62	523.49	517.47	1.87	ppb
Titanium	47-1	2512.70	2521.30	2568.39	2534.13	1.18	ppb
Uranium	238-1	493.84	498.26	509.01	500.37	1.56	ppb
Vanadium	51-2	544.05	523.31	475.70	514.35	6.81	ppb
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	1044.54	1011.75	923.36	993.22	6.31	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 15:31:40	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	494.66	505.68	516.61	505.65	2.17	ppb
Zirconium	91-1	487.89	493.25	508.70	496.61	2.18	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : CCB14 Instrumnet Name : P8
 Client Sample ID : CCB14 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 15:37:01 DataFile Name : 055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.76	5.28	-1.26	1.59	210.59	ppb
Antimony	121-1	0.15	0.14	0.21	0.17	20.61	ppb
Arsenic	75-2	0.04	0.11	0.03	0.06	77.75	ppb
Barium	135-1	-0.07	0.03	-0.02	-0.02		ppb
Barium	137-1	0.00	0.03	-0.01	0.01	447.18	ppb
Beryllium	9-1	0.05	0.05	0.09	0.06	32.41	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	-8.73	-7.43	-10.99	-9.05		ppb
Boron	11-1	-9.85	-9.63	-9.76	-9.75		ppb
Cadmium	111-1	0.01	-0.03	-0.06	-0.03		ppb
Cadmium	106-1	-0.20	-0.68	-0.94	-0.61		ppb
Cadmium	108-1	-0.09	-0.27	-0.05	-0.14		ppb
Calcium	43-1	-1.64	-6.21	-3.38	-3.75		ppb
Calcium	44-1	91.04	58.05	62.24	70.44	25.50	ppb
Chromium	52-2	0.31	0.21	0.32	0.28	21.28	ppb
Cobalt	59-2	-0.06	-0.06	-0.05	-0.06		ppb
Copper	63-2	0.00	0.01	0.01	0.01	113.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				92		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	-2.33	-1.92	-2.00	-2.08		ppb
Iron	57-2	-3.66	-1.57	-2.69	-2.64		ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.07	0.09	0.08	17.05	ppb
Lead	207-1	0.09	0.03	0.04	0.05	66.24	ppb
Lead	208-1	0.09	0.07	0.06	0.07	22.19	ppb
Lithium	6-1				65		%
Magnesium	24-2	-0.04	1.55	1.62	1.04	89.97	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 15:37:01	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.30	-0.33	-0.26	-0.29		ppb
Molybdenum	94-1	0.07	0.09	0.09	0.08	12.72	ppb
Molybdenum	95-1	0.08	0.06	0.09	0.08	17.19	ppb
Molybdenum	96-1	0.10	0.09	0.08	0.09	11.21	ppb
Molybdenum	97-1	0.11	0.08	0.14	0.11	28.19	ppb
Molybdenum	98-1	0.07	0.06	0.10	0.07	29.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.04	-0.02	-0.02		ppb
Phosphorus	31-2	-47.54	-35.21	-47.54	-43.43		ppb
Potassium	39-2	29.73	13.79	33.77	25.77	41.00	ppb
Rhodium	103-1				91		%
Rhodium	103-2				95		%
Scandium	45-1				84		%
Scandium	45-2				90		%
Selenium	77-2	-1.11	-1.11	2.74	0.17	1277.57	ppb
Selenium	78-2	-0.31	-0.35	0.34	-0.11		ppb
Selenium	82-1	-0.21	-0.27	1.09	0.21	372.37	ppb
Silicon	28-1	-21.50	-27.68	-26.63	-25.27		ppb
Silver	109-1	0.00	0.01	0.01	0.01	122.45	ppb
Silver	107-1	0.02	0.02	0.03	0.02	33.95	ppb
Sodium	23-2	81.43	62.43	75.38	73.08	13.28	ppb
Strontium	86-1	0.06	0.06	0.02	0.05	45.57	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	175.79	ppb
Sulfur	34-1	-1154.63	-2940.85	-2504.89	-2200.13		ppb
Terbium	159-1				96		%
Terbium	159-2				92		%
Thallium	203-1	0.06	0.01	0.05	0.04	55.79	ppb
Thallium	205-1	0.06	0.03	0.04	0.05	34.08	ppb
Tin	118-1	0.02	0.00	0.02	0.02	71.71	ppb
Titanium	47-1	-0.14	-0.02	-0.07	-0.08		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	159.63	ppb
Vanadium	51-2	0.02	0.01	-0.01	0.01	179.55	ppb
Yttrium	89-1				94		%
Yttrium	89-2				91		%
Zinc	66-2	0.28	0.27	0.04	0.19	71.01	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 15:37:01	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.02	0.01	45.42	ppb
Zirconium	91-1	0.00	0.03	0.03	0.02	85.93	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-12DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD004-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:41:00 DataFile Name : 056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28029.20	27242.40	30179.40	28483.67	5.34	ppb
Antimony	121-1	0.07	0.06	0.08	0.07	14.78	ppb
Arsenic	75-2	1.25	1.71	1.27	1.41	18.62	ppb
Barium	135-1	399.88	403.58	399.74	401.07	0.54	ppb
Barium	137-1	403.94	404.83	401.40	403.39	0.44	ppb
Beryllium	9-1	0.88	0.96	1.17	1.00	14.77	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Boron	10-1	-10.84	-8.48	-10.77	-10.03		ppb
Boron	11-1	-10.75	-10.11	-10.48	-10.45		ppb
Cadmium	111-1	0.02	-0.01	0.05	0.02	142.47	ppb
Cadmium	106-1	-0.48	-1.09	-0.49	-0.69		ppb
Cadmium	108-1	0.12	0.39	0.06	0.19	93.02	ppb
Calcium	43-1	3813.26	3916.05	3789.88	3839.73	1.75	ppb
Calcium	44-1	3975.81	4002.16	3956.37	3978.11	0.58	ppb
Chromium	52-2	22.87	21.56	23.68	22.70	4.70	ppb
Cobalt	59-2	9.82	9.72	10.43	9.99	3.84	ppb
Copper	63-2	12.14	12.01	13.58	12.58	6.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	56-2	28526.65	28087.67	30573.47	29062.60	4.57	ppb
Iron	57-2	27735.97	27448.11	30040.60	28408.23	5.00	ppb
Krypton	83-1						cps
Lead	206-1	22.97	22.55	22.45	22.65	1.21	ppb
Lead	207-1	20.76	21.01	20.80	20.85	0.65	ppb
Lead	208-1	21.48	21.65	21.46	21.53	0.48	ppb
Lithium	6-1				67		%
Magnesium	24-2	6088.27	5961.64	6524.95	6191.62	4.77	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-12DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD004-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:41:00	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	412.13	402.33	445.63	420.03	5.41	ppb
Molybdenum	94-1	5.10	5.27	5.07	5.15	2.03	ppb
Molybdenum	95-1	0.17	0.19	0.17	0.18	5.23	ppb
Molybdenum	96-1	0.77	0.87	0.82	0.82	5.82	ppb
Molybdenum	97-1	0.19	0.23	0.12	0.18	30.42	ppb
Molybdenum	98-1	0.14	0.13	0.18	0.15	18.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.45	24.60	26.61	25.55	3.95	ppb
Phosphorus	31-2	889.59	988.99	962.92	947.16	5.44	ppb
Potassium	39-2	869.36	910.63	968.68	916.22	5.45	ppb
Rhodium	103-1				91		%
Rhodium	103-2				98		%
Scandium	45-1				85		%
Scandium	45-2				94		%
Selenium	77-2	22.29	32.71	6.10	20.37	65.82	ppb
Selenium	78-2	5.12	4.64	6.78	5.52	20.38	ppb
Selenium	82-1	0.57	1.32	1.57	1.16	45.04	ppb
Silicon	28-1	3608.74	3623.04	3579.94	3603.91	0.61	ppb
Silver	109-1	0.02	0.03	0.02	0.02	13.75	ppb
Silver	107-1	0.04	0.03	0.02	0.03	23.65	ppb
Sodium	23-2	239.16	236.05	255.68	243.63	4.33	ppb
Strontium	86-1	28.50	28.41	27.70	28.20	1.57	ppb
Strontium	88-1	28.89	28.84	28.53	28.75	0.67	ppb
Sulfur	34-1	-4270.26	-4709.89	-4906.72	-4628.95		ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	0.19	0.21	0.20	0.20	3.82	ppb
Thallium	205-1	0.20	0.20	0.17	0.19	7.77	ppb
Tin	118-1	0.09	0.10	0.13	0.11	18.46	ppb
Titanium	47-1	24.30	24.29	24.76	24.45	1.09	ppb
Uranium	238-1	0.72	0.67	0.75	0.71	5.26	ppb
Vanadium	51-2	20.83	20.70	22.83	21.46	5.56	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	84.26	81.64	89.05	84.98	4.42	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-12DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD004-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:41:00	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	3.36	3.39	3.56	3.44	3.23	ppb
Zirconium	91-1	3.60	3.74	3.26	3.53	7.00	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-13DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD005-0006-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:44:25 DataFile Name : 057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16588.52	16414.35	17517.67	16840.18	3.52	ppb
Antimony	121-1	0.08	0.09	0.11	0.09	13.52	ppb
Arsenic	75-2	11.35	10.22	10.95	10.84	5.33	ppb
Barium	135-1	141.64	134.15	147.31	141.03	4.68	ppb
Barium	137-1	141.49	137.09	146.65	141.74	3.38	ppb
Beryllium	9-1	0.90	0.99	0.95	0.95	4.73	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Boron	10-1	-9.38	-8.71	-9.95	-9.35		ppb
Boron	11-1	-9.59	-10.17	-9.30	-9.68		ppb
Cadmium	111-1	0.49	0.52	0.47	0.49	6.08	ppb
Cadmium	106-1	2.02	3.20	1.88	2.36	30.60	ppb
Cadmium	108-1	1.59	1.55	1.39	1.51	6.89	ppb
Calcium	43-1	4015.32	3755.06	4070.91	3947.10	4.27	ppb
Calcium	44-1	4108.80	3774.72	4144.10	4009.21	5.08	ppb
Chromium	52-2	26.69	26.13	28.10	26.97	3.77	ppb
Cobalt	59-2	18.24	18.05	18.61	18.30	1.54	ppb
Copper	63-2	37.66	37.72	39.47	38.28	2.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				94		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	56-2	29444.47	29000.82	30403.18	29616.16	2.42	ppb
Iron	57-2	28687.61	28882.39	30169.96	29246.66	2.75	ppb
Krypton	83-1						cps
Lead	206-1	20.84	19.96	21.93	20.91	4.71	ppb
Lead	207-1	19.04	18.22	19.17	18.81	2.75	ppb
Lead	208-1	19.94	18.85	20.29	19.69	3.84	ppb
Lithium	6-1				64		%
Magnesium	24-2	7291.66	7290.14	7726.96	7436.25	3.39	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-13DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD005-0006-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:44:25 DataFile Name : 057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	304.46	300.58	319.14	308.06	3.18	ppb
Molybdenum	94-1	20.51	19.39	20.83	20.25	3.75	ppb
Molybdenum	95-1	0.94	0.87	0.85	0.89	4.98	ppb
Molybdenum	96-1	3.17	2.97	3.58	3.24	9.60	ppb
Molybdenum	97-1	0.89	0.86	0.74	0.83	9.26	ppb
Molybdenum	98-1	0.76	0.79	0.77	0.77	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.27	49.42	52.84	50.85	3.50	ppb
Phosphorus	31-2	1072.47	1148.20	1080.74	1100.47	3.78	ppb
Potassium	39-2	1338.50	1351.19	1430.96	1373.55	3.65	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				86		%
Scandium	45-2				92		%
Selenium	77-2	59.71	56.92	54.71	57.11	4.38	ppb
Selenium	78-2	15.75	9.75	7.69	11.06	37.89	ppb
Selenium	82-1	0.24	2.42	1.44	1.37	80.06	ppb
Silicon	28-1	2868.06	2635.18	2853.86	2785.70	4.69	ppb
Silver	109-1	0.06	0.05	0.07	0.06	15.10	ppb
Silver	107-1	0.08	0.06	0.07	0.07	16.17	ppb
Sodium	23-2	224.36	234.19	263.65	240.73	8.49	ppb
Strontium	86-1	17.80	16.71	18.45	17.65	4.99	ppb
Strontium	88-1	18.44	17.43	18.43	18.10	3.19	ppb
Sulfur	34-1	-1739.49	-3439.11	-2167.27	-2448.62		ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	0.14	0.12	0.11	0.12	13.16	ppb
Thallium	205-1	0.11	0.10	0.12	0.11	8.15	ppb
Tin	118-1	0.24	0.21	0.24	0.23	8.38	ppb
Titanium	47-1	175.33	163.49	175.03	171.29	3.94	ppb
Uranium	238-1	2.00	1.99	2.07	2.02	2.27	ppb
Vanadium	51-2	32.61	31.53	33.77	32.64	3.43	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	110.27	109.39	115.59	111.75	3.00	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-13DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD005-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:44:25	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	12.75	12.06	13.23	12.68	4.63	ppb
Zirconium	91-1	13.09	12.39	12.96	12.81	2.90	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-14DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD005-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:47:51 DataFile Name : 058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18963.18	18528.77	18282.88	18591.61	1.85	ppb
Antimony	121-1	0.09	0.12	0.12	0.11	14.12	ppb
Arsenic	75-2	17.64	17.50	17.19	17.44	1.32	ppb
Barium	135-1	169.26	161.29	173.62	168.06	3.72	ppb
Barium	137-1	171.11	159.68	175.25	168.68	4.78	ppb
Beryllium	9-1	1.53	1.48	1.57	1.53	2.95	ppb
Bismuth	209-1				96		%
Bismuth	209-2				89		%
Boron	10-1	-11.45	-9.03	-10.03	-10.17		ppb
Boron	11-1	-10.77	-10.47	-10.57	-10.60		ppb
Cadmium	111-1	0.53	0.44	0.61	0.53	16.34	ppb
Cadmium	106-1	2.11	2.29	4.17	2.85	39.98	ppb
Cadmium	108-1	1.35	1.97	1.61	1.65	18.82	ppb
Calcium	43-1	4285.57	4070.13	4334.32	4230.01	3.32	ppb
Calcium	44-1	4374.15	4118.17	4406.45	4299.59	3.67	ppb
Chromium	52-2	34.83	33.56	33.74	34.05	2.02	ppb
Cobalt	59-2	36.71	35.91	35.58	36.07	1.61	ppb
Copper	63-2	38.06	37.53	36.54	37.38	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				101		%
Holmium	165-2				91		%
Indium	115-1				97		%
Indium	115-2				88		%
Iron	56-2	37827.27	37278.96	36848.91	37318.38	1.31	ppb
Iron	57-2	37070.01	36330.36	35754.57	36384.98	1.81	ppb
Krypton	83-1						cps
Lead	206-1	19.73	19.16	20.47	19.79	3.34	ppb
Lead	207-1	18.69	17.34	18.95	18.33	4.72	ppb
Lead	208-1	19.23	17.97	19.59	18.93	4.50	ppb
Lithium	6-1				65		%
Magnesium	24-2	7786.50	7832.88	7650.45	7756.61	1.22	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-14DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD005-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:47:51	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	411.61	397.78	399.53	402.97	1.87	ppb
Molybdenum	94-1	28.80	26.42	28.67	27.96	4.80	ppb
Molybdenum	95-1	1.18	1.03	1.22	1.14	8.83	ppb
Molybdenum	96-1	4.73	4.15	4.51	4.46	6.48	ppb
Molybdenum	97-1	1.30	1.00	1.09	1.13	13.60	ppb
Molybdenum	98-1	1.23	1.10	1.15	1.16	5.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	73.39	73.25	70.92	72.52	1.91	ppb
Phosphorus	31-2	965.55	1151.98	1026.46	1048.00	9.07	ppb
Potassium	39-2	1298.39	1271.08	1276.00	1281.83	1.14	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				90		%
Scandium	45-2				92		%
Selenium	77-2	110.30	49.80	73.09	77.73	39.25	ppb
Selenium	78-2	14.63	14.15	15.16	14.65	3.46	ppb
Selenium	82-1	3.76	1.52	3.39	2.89	41.63	ppb
Silicon	28-1	2239.56	2134.62	2280.50	2218.22	3.39	ppb
Silver	109-1	0.05	0.04	0.07	0.05	28.12	ppb
Silver	107-1	0.07	0.05	0.07	0.07	19.60	ppb
Sodium	23-2	232.65	228.01	217.16	225.94	3.52	ppb
Strontium	86-1	22.83	21.07	22.47	22.12	4.21	ppb
Strontium	88-1	23.14	21.47	23.51	22.71	4.78	ppb
Sulfur	34-1	-255.22	-1705.75	-89.11	-683.36		ppb
Terbium	159-1				100		%
Terbium	159-2				91		%
Thallium	203-1	0.12	0.10	0.19	0.14	34.25	ppb
Thallium	205-1	0.11	0.11	0.11	0.11	0.89	ppb
Tin	118-1	0.28	0.28	0.28	0.28	0.49	ppb
Titanium	47-1	188.04	170.34	185.12	181.17	5.24	ppb
Uranium	238-1	3.41	3.20	3.46	3.36	4.09	ppb
Vanadium	51-2	58.44	58.53	58.77	58.58	0.29	ppb
Yttrium	89-1				110		%
Yttrium	89-2				99		%
Zinc	66-2	150.95	147.49	148.28	148.91	1.22	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-14DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD005-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:47:51	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	18.58	16.84	18.66	18.03	5.69	ppb
Zirconium	91-1	18.28	16.99	18.56	17.95	4.66	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-15DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:51:17	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25197.95	24500.57	25492.46	25063.66	2.03	ppb
Antimony	121-1	0.28	0.28	0.33	0.30	10.18	ppb
Arsenic	75-2	6.18	5.74	6.34	6.08	5.06	ppb
Barium	135-1	968.91	1000.81	987.60	985.78	1.63	ppb
Barium	137-1	1008.13	1022.81	998.45	1009.80	1.21	ppb
Beryllium	9-1	2.38	2.34	2.16	2.29	5.21	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Boron	10-1	-8.48	-8.91	-9.26	-8.89		ppb
Boron	11-1	-9.63	-8.78	-8.27	-8.89		ppb
Cadmium	111-1	1.44	1.42	1.37	1.41	2.47	ppb
Cadmium	106-1	2.37	1.97	1.03	1.79	38.47	ppb
Cadmium	108-1	1.97	2.21	1.76	1.98	11.28	ppb
Calcium	43-1	20693.28	21154.68	21452.64	21100.20	1.81	ppb
Calcium	44-1	20665.75	21085.53	21588.06	21113.11	2.19	ppb
Chromium	52-2	26.72	26.24	27.29	26.75	1.96	ppb
Cobalt	59-2	11.17	11.17	11.37	11.24	1.03	ppb
Copper	63-2	73.24	71.47	74.08	72.93	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	27628.16	27262.02	27978.95	27623.04	1.30	ppb
Iron	57-2	26904.77	26762.69	27093.84	26920.43	0.62	ppb
Krypton	83-1						cps
Lead	206-1	111.38	113.06	112.21	112.22	0.75	ppb
Lead	207-1	101.85	104.16	105.01	103.67	1.58	ppb
Lead	208-1	105.90	107.49	108.19	107.19	1.09	ppb
Lithium	6-1				63		%
Magnesium	24-2	5556.45	5424.75	5688.18	5556.46	2.37	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-15DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:51:17	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2527.87	2492.49	2563.84	2528.07	1.41	ppb
Molybdenum	94-1	9.76	9.84	10.16	9.92	2.12	ppb
Molybdenum	95-1	1.29	1.26	1.30	1.28	1.37	ppb
Molybdenum	96-1	2.15	2.36	2.38	2.30	5.60	ppb
Molybdenum	97-1	1.33	1.26	1.40	1.33	5.26	ppb
Molybdenum	98-1	1.32	1.27	1.23	1.28	3.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.32	31.27	33.64	32.41	3.66	ppb
Phosphorus	31-2	2137.34	2037.20	1797.60	1990.72	8.77	ppb
Potassium	39-2	1220.00	1160.84	1224.02	1201.62	2.94	ppb
Rhodium	103-1				91		%
Rhodium	103-2				97		%
Scandium	45-1				85		%
Scandium	45-2				94		%
Selenium	77-2	52.57	45.13	77.33	58.35	28.89	ppb
Selenium	78-2	7.91	11.03	6.93	8.62	24.82	ppb
Selenium	82-1	3.52	4.10	3.73	3.78	7.76	ppb
Silicon	28-1	1519.11	1561.36	1596.92	1559.13	2.50	ppb
Silver	109-1	0.14	0.13	0.13	0.14	4.31	ppb
Silver	107-1	0.14	0.15	0.14	0.14	2.27	ppb
Sodium	23-2	310.76	309.12	321.14	313.67	2.08	ppb
Strontium	86-1	134.31	137.84	140.42	137.52	2.23	ppb
Strontium	88-1	140.77	142.11	146.35	143.08	2.04	ppb
Sulfur	34-1	2817.85	3915.35	4755.88	3829.70	25.38	ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	0.24	0.22	0.21	0.22	7.87	ppb
Thallium	205-1	0.22	0.21	0.21	0.21	2.76	ppb
Tin	118-1	0.57	0.56	0.65	0.60	8.48	ppb
Titanium	47-1	41.11	43.28	42.49	42.29	2.60	ppb
Uranium	238-1	1.24	1.26	1.23	1.24	1.52	ppb
Vanadium	51-2	35.51	34.80	35.73	35.35	1.38	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	168.43	164.80	172.70	168.64	2.34	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-15DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:51:17	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	5.98	6.09	6.16	6.08	1.47	ppb
Zirconium	91-1	5.86	6.06	6.26	6.06	3.25	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:54:42	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9607.60	9977.01	10154.54	9913.05	2.81	ppb
Antimony	121-1	0.04	0.03	0.05	0.04	32.47	ppb
Arsenic	75-2	1.25	1.31	1.42	1.33	6.33	ppb
Barium	135-1	557.49	544.70	509.99	537.40	4.57	ppb
Barium	137-1	562.37	540.71	520.14	541.08	3.90	ppb
Beryllium	9-1	0.49	0.52	0.43	0.48	10.21	ppb
Bismuth	209-1				90		%
Bismuth	209-2				90		%
Boron	10-1	-11.66	-13.16	-11.12	-11.98		ppb
Boron	11-1	-13.18	-13.17	-13.33	-13.23		ppb
Cadmium	111-1	0.25	0.32	0.24	0.27	17.33	ppb
Cadmium	106-1	-0.18	-0.04	0.13	-0.03		ppb
Cadmium	108-1	-0.02	0.53	-0.05	0.16	209.84	ppb
Calcium	43-1	6558.57	6445.39	6367.76	6457.24	1.49	ppb
Calcium	44-1	6876.98	6691.96	6624.92	6731.29	1.94	ppb
Chromium	52-2	6.69	7.07	6.88	6.88	2.76	ppb
Cobalt	59-2	1.79	1.84	1.74	1.79	2.73	ppb
Copper	63-2	16.36	16.87	17.12	16.78	2.28	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				93		%
Holmium	165-2				92		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	56-2	4499.19	4721.79	4779.20	4666.73	3.17	ppb
Iron	57-2	4296.13	4474.74	4591.50	4454.12	3.34	ppb
Krypton	83-1						cps
Lead	206-1	19.00	18.16	18.56	18.58	2.25	ppb
Lead	207-1	17.54	16.73	16.35	16.87	3.61	ppb
Lead	208-1	18.20	17.33	17.24	17.59	3.03	ppb
Lithium	6-1				60		%
Magnesium	24-2	1040.76	1049.73	1113.00	1067.83	3.69	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-16DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD006-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:54:42 DataFile Name : 060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	640.43	678.45	689.39	669.42	3.84	ppb
Molybdenum	94-1	2.72	2.68	2.74	2.72	1.07	ppb
Molybdenum	95-1	0.27	0.24	0.17	0.23	20.75	ppb
Molybdenum	96-1	0.49	0.55	0.40	0.48	15.14	ppb
Molybdenum	97-1	0.18	0.28	0.36	0.27	33.08	ppb
Molybdenum	98-1	0.19	0.21	0.22	0.21	6.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.30	5.66	6.04	5.67	6.58	ppb
Phosphorus	31-2	446.08	613.35	444.76	501.40	19.34	ppb
Potassium	39-2	726.96	717.13	720.33	721.47	0.70	ppb
Rhodium	103-1				88		%
Rhodium	103-2				93		%
Scandium	45-1				80		%
Scandium	45-2				88		%
Selenium	77-2	13.13	14.15	28.85	18.71	47.02	ppb
Selenium	78-2	2.00	2.21	2.77	2.33	17.02	ppb
Selenium	82-1	1.68	1.05	0.09	0.94	85.02	ppb
Silicon	28-1	1329.44	1284.61	1253.69	1289.25	2.95	ppb
Silver	109-1	0.01	0.01	0.01	0.01	27.80	ppb
Silver	107-1	0.02	0.02	0.01	0.02	21.31	ppb
Sodium	23-2	221.53	232.00	237.83	230.45	3.58	ppb
Strontium	86-1	44.84	43.55	42.94	43.78	2.21	ppb
Strontium	88-1	45.08	44.63	43.80	44.50	1.45	ppb
Sulfur	34-1	-3421.19	-4923.96	-5237.24	-4527.46		ppb
Terbium	159-1				93		%
Terbium	159-2				91		%
Thallium	203-1	0.11	0.19	0.15	0.15	25.47	ppb
Thallium	205-1	0.18	0.16	0.14	0.16	12.12	ppb
Tin	118-1	0.16	0.13	0.13	0.14	10.95	ppb
Titanium	47-1	15.07	14.45	13.17	14.23	6.78	ppb
Uranium	238-1	0.40	0.37	0.35	0.37	6.37	ppb
Vanadium	51-2	7.43	7.57	8.05	7.68	4.28	ppb
Yttrium	89-1				94		%
Yttrium	89-2				91		%
Zinc	66-2	29.26	30.03	29.92	29.74	1.39	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:54:42	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.69	1.69	1.63	1.67	2.17	ppb
Zirconium	91-1	1.77	1.74	1.89	1.80	4.35	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-16DUPDLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD006-0612-01DU Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:58:07 DataFile Name : 061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9637.72	9512.75	9780.79	9643.75	1.39	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	0.53	ppb
Arsenic	75-2	1.27	1.12	1.51	1.30	15.06	ppb
Barium	135-1	507.27	536.62	508.71	517.53	3.20	ppb
Barium	137-1	505.88	539.22	512.52	519.21	3.40	ppb
Beryllium	9-1	0.44	0.48	0.51	0.48	7.14	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Boron	10-1	-11.80	-12.93	-11.75	-12.16		ppb
Boron	11-1	-12.88	-12.48	-13.55	-12.97		ppb
Cadmium	111-1	0.11	0.10	0.15	0.12	21.78	ppb
Cadmium	106-1	-2.27	-1.98	-2.05	-2.10		ppb
Cadmium	108-1	0.43	0.48	0.11	0.34	58.64	ppb
Calcium	43-1	6500.68	6640.52	6416.76	6519.32	1.73	ppb
Calcium	44-1	6619.31	6903.74	6711.61	6744.89	2.15	ppb
Chromium	52-2	6.71	6.67	7.14	6.84	3.74	ppb
Cobalt	59-2	1.86	1.83	1.89	1.86	1.62	ppb
Copper	63-2	16.43	16.83	16.70	16.65	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				92		%
Indium	115-1				93		%
Indium	115-2				89		%
Iron	56-2	4763.61	4791.14	4934.12	4829.62	1.90	ppb
Iron	57-2	4574.09	4602.57	4765.23	4647.30	2.22	ppb
Krypton	83-1						cps
Lead	206-1	19.47	20.36	19.39	19.74	2.72	ppb
Lead	207-1	17.51	18.61	18.51	18.21	3.34	ppb
Lead	208-1	18.28	19.30	18.70	18.76	2.72	ppb
Lithium	6-1				63		%
Magnesium	24-2	1108.28	1076.83	1105.01	1096.70	1.58	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-16DUPDLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD006-0612-01DU Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:58:07 DataFile Name : 061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	662.22	659.55	678.13	666.63	1.51	ppb
Molybdenum	94-1	2.54	2.81	2.82	2.72	5.74	ppb
Molybdenum	95-1	0.25	0.21	0.24	0.23	9.97	ppb
Molybdenum	96-1	0.52	0.61	0.55	0.56	8.35	ppb
Molybdenum	97-1	0.31	0.31	0.23	0.28	16.26	ppb
Molybdenum	98-1	0.22	0.24	0.25	0.24	5.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.62	5.88	5.70	5.73	2.38	ppb
Phosphorus	31-2	624.87	638.21	547.45	603.51	8.12	ppb
Potassium	39-2	690.21	723.72	680.04	697.99	3.27	ppb
Rhodium	103-1				91		%
Rhodium	103-2				94		%
Scandium	45-1				83		%
Scandium	45-2				89		%
Selenium	77-2	31.66	31.77	17.34	26.92	30.83	ppb
Selenium	78-2	2.67	0.28	6.96	3.30	102.59	ppb
Selenium	82-1	0.97	0.72	-0.78	0.30	312.71	ppb
Silicon	28-1	1279.02	1295.91	1244.90	1273.28	2.04	ppb
Silver	109-1	0.01	0.01	0.02	0.01	32.04	ppb
Silver	107-1	0.02	0.01	0.02	0.02	25.99	ppb
Sodium	23-2	218.43	215.43	222.86	218.90	1.71	ppb
Strontium	86-1	43.13	45.00	42.80	43.64	2.71	ppb
Strontium	88-1	42.48	45.75	43.96	44.07	3.72	ppb
Sulfur	34-1	-5321.31	-4881.35	-5478.45	-5227.03		ppb
Terbium	159-1				97		%
Terbium	159-2				92		%
Thallium	203-1	0.13	0.15	0.16	0.14	8.41	ppb
Thallium	205-1	0.15	0.15	0.18	0.16	9.43	ppb
Tin	118-1	0.18	0.22	0.19	0.20	10.90	ppb
Titanium	47-1	15.79	15.39	14.85	15.34	3.07	ppb
Uranium	238-1	0.40	0.38	0.38	0.39	3.04	ppb
Vanadium	51-2	7.43	7.49	7.65	7.52	1.55	ppb
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	32.55	32.72	32.86	32.71	0.48	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01DU	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:58:07	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.71	1.76	1.67	1.71	2.75	ppb
Zirconium	91-1	1.79	1.71	1.76	1.75	2.40	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-16LDLX25 Instrumnet Name : P8
 Client Sample ID : P001-SD006-0612-01LDI Dilution Factor : 25
 Date & Time Acquired :: 2018-12-27 16:01:32 DataFile Name : 062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2144.53	2125.14	2129.11	2132.93	0.48	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	164.84	ppb
Arsenic	75-2	0.26	0.43	0.25	0.31	32.10	ppb
Barium	135-1	112.21	106.29	108.98	109.16	2.71	ppb
Barium	137-1	111.48	107.04	109.56	109.36	2.04	ppb
Beryllium	9-1	0.12	0.13	0.08	0.11	22.91	ppb
Bismuth	209-1				95		%
Bismuth	209-2				88		%
Boron	10-1	-12.98	-12.79	-14.49	-13.42		ppb
Boron	11-1	-14.30	-14.48	-14.17	-14.31		ppb
Cadmium	111-1	0.00	-0.08	-0.09	-0.06		ppb
Cadmium	106-1	-1.00	-1.91	-1.91	-1.61		ppb
Cadmium	108-1	-0.09	-0.11	-0.21	-0.14		ppb
Calcium	43-1	1393.22	1280.38	1338.19	1337.26	4.22	ppb
Calcium	44-1	1416.18	1297.70	1334.25	1349.38	4.50	ppb
Chromium	52-2	1.77	1.93	1.90	1.86	4.59	ppb
Cobalt	59-2	0.34	0.29	0.33	0.32	7.89	ppb
Copper	63-2	3.55	3.62	3.69	3.62	1.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				89		%
Indium	115-1				95		%
Indium	115-2				86		%
Iron	56-2	979.52	992.41	977.78	983.24	0.81	ppb
Iron	57-2	969.01	966.34	975.52	970.29	0.49	ppb
Krypton	83-1						cps
Lead	206-1	4.01	3.61	3.84	3.82	5.25	ppb
Lead	207-1	3.58	3.37	3.69	3.54	4.59	ppb
Lead	208-1	3.83	3.47	3.69	3.66	4.89	ppb
Lithium	6-1				61		%
Magnesium	24-2	244.14	218.59	238.03	233.59	5.71	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-16LDLX25 Instrumnet Name : P8
 Client Sample ID : P001-SD006-0612-01LDI Dilution Factor : 25
 Date & Time Acquired :: 2018-12-27 16:01:32 DataFile Name : 062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	143.92	145.15	141.72	143.60	1.21	ppb
Molybdenum	94-1	0.63	0.50	0.59	0.57	11.69	ppb
Molybdenum	95-1	0.04	0.04	0.06	0.05	21.10	ppb
Molybdenum	96-1	0.07	0.10	0.09	0.09	14.76	ppb
Molybdenum	97-1	0.09	0.12	0.04	0.08	45.50	ppb
Molybdenum	98-1	0.05	0.05	0.03	0.04	34.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.25	1.17	1.11	1.18	6.28	ppb
Phosphorus	31-2	73.80	156.84	128.18	119.61	35.26	ppb
Potassium	39-2	158.57	165.20	159.68	161.15	2.20	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				82		%
Scandium	45-2				86		%
Selenium	77-2	-1.11	6.73	6.53	4.05	110.34	ppb
Selenium	78-2	2.21	0.36	0.96	1.18	80.00	ppb
Selenium	82-1	0.49	-0.10	-0.11	0.09	364.14	ppb
Silicon	28-1	261.56	234.11	245.04	246.90	5.60	ppb
Silver	109-1	0.00	0.00	0.00	0.00	3205.89	ppb
Silver	107-1	0.01	0.00	0.00	0.00	216.31	ppb
Sodium	23-2	87.14	90.03	83.44	86.87	3.81	ppb
Strontium	86-1	9.37	9.07	9.02	9.16	2.08	ppb
Strontium	88-1	9.57	9.08	9.40	9.35	2.66	ppb
Sulfur	34-1	-5964.59	-7259.09	-7119.17	-6780.95		ppb
Terbium	159-1				98		%
Terbium	159-2				88		%
Thallium	203-1	0.04	0.02	0.01	0.02	56.91	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	8.87	ppb
Tin	118-1	0.04	0.02	0.05	0.04	37.81	ppb
Titanium	47-1	3.00	2.94	2.72	2.88	5.07	ppb
Uranium	238-1	0.07	0.08	0.08	0.08	1.00	ppb
Vanadium	51-2	1.59	1.64	1.27	1.50	13.23	ppb
Yttrium	89-1				96		%
Yttrium	89-2				87		%
Zinc	66-2	6.77	6.91	6.81	6.83	1.09	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16LDLX25	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01LDI	Dilution Factor :	25
Date & Time Acquired ::	2018-12-27 16:01:32	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.36	0.35	0.33	0.35	3.80	ppb
Zirconium	91-1	0.29	0.33	0.31	0.31	6.28	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-17DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD006-0612-01MS Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 16:04:59 DataFile Name : 063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14464.54	13395.93	13725.70	13862.06	3.95	ppb
Antimony	121-1	13.53	13.73	13.89	13.72	1.31	ppb
Arsenic	75-2	106.35	95.97	98.42	100.24	5.41	ppb
Barium	135-1	975.04	983.35	1000.29	986.23	1.31	ppb
Barium	137-1	980.30	992.78	1006.66	993.25	1.33	ppb
Beryllium	9-1	120.57	125.60	123.65	123.27	2.06	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Boron	10-1	80.92	95.90	94.86	90.56	9.24	ppb
Boron	11-1	91.25	97.21	99.07	95.84	4.27	ppb
Cadmium	111-1	102.96	105.62	106.54	105.04	1.77	ppb
Cadmium	106-1	98.74	99.82	101.54	100.03	1.41	ppb
Cadmium	108-1	104.01	101.47	106.53	104.00	2.43	ppb
Calcium	43-1	16021.86	16308.96	16360.47	16230.43	1.12	ppb
Calcium	44-1	16295.99	16129.94	16613.05	16346.33	1.50	ppb
Chromium	52-2	117.28	110.41	112.62	113.44	3.09	ppb
Cobalt	59-2	114.88	106.69	109.56	110.38	3.77	ppb
Copper	63-2	241.15	224.38	232.36	232.63	3.61	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				92		%
Indium	115-1				94		%
Indium	115-2				87		%
Iron	56-2	13718.39	12788.26	13099.06	13201.90	3.59	ppb
Iron	57-2	13410.12	12766.08	12993.06	13056.42	2.50	ppb
Krypton	83-1						cps
Lead	206-1	119.11	122.84	121.83	121.26	1.59	ppb
Lead	207-1	111.51	116.26	114.84	114.20	2.14	ppb
Lead	208-1	114.20	118.09	117.33	116.54	1.77	ppb
Lithium	6-1				62		%
Magnesium	24-2	12812.36	12113.25	12403.69	12443.10	2.82	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-17DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD006-0612-01MS Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 16:04:59 DataFile Name : 063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	969.58	887.90	919.63	925.70	4.45	ppb
Molybdenum	94-1	394.78	412.31	413.64	406.91	2.59	ppb
Molybdenum	95-1	445.24	463.12	465.92	458.10	2.45	ppb
Molybdenum	96-1	440.85	460.69	463.78	455.11	2.73	ppb
Molybdenum	97-1	454.19	472.82	468.26	465.09	2.09	ppb
Molybdenum	98-1	459.86	476.79	478.28	471.64	2.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	122.75	115.10	119.01	118.95	3.21	ppb
Phosphorus	31-2	470.09	348.66	397.71	405.48	15.07	ppb
Potassium	39-2	5791.88	5327.94	5530.23	5550.02	4.19	ppb
Rhodium	103-1				90		%
Rhodium	103-2				93		%
Scandium	45-1				83		%
Scandium	45-2				88		%
Selenium	77-2	105.99	164.01	119.09	129.70	23.46	ppb
Selenium	78-2	98.50	105.38	107.54	103.81	4.55	ppb
Selenium	82-1	95.49	100.35	99.19	98.34	2.58	ppb
Silicon	28-1	2805.57	2772.53	2866.05	2814.72	1.68	ppb
Silver	109-1	80.81	81.20	81.46	81.15	0.40	ppb
Silver	107-1	80.32	80.80	81.14	80.75	0.51	ppb
Sodium	23-2	10565.23	9913.35	10270.47	10249.68	3.18	ppb
Strontium	86-1	135.66	143.40	142.78	140.62	3.06	ppb
Strontium	88-1	142.27	146.41	147.84	145.51	1.99	ppb
Sulfur	34-1	-4706.08	-4820.76	-4525.40	-4684.08		ppb
Terbium	159-1				98		%
Terbium	159-2				91		%
Thallium	203-1	91.86	93.84	93.72	93.14	1.19	ppb
Thallium	205-1	91.74	96.23	95.66	94.54	2.59	ppb
Tin	118-1	41.09	42.02	42.84	41.98	2.08	ppb
Titanium	47-1	399.53	402.02	408.04	403.20	1.09	ppb
Uranium	238-1	91.11	94.62	94.04	93.26	2.02	ppb
Vanadium	51-2	115.78	107.79	112.84	112.14	3.60	ppb
Yttrium	89-1				98		%
Yttrium	89-2				91		%
Zinc	66-2	261.32	248.94	254.12	254.79	2.44	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-17DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01MS	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 16:04:59	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	53.87	55.74	56.35	55.32	2.34	ppb
Zirconium	91-1	52.52	55.90	55.72	54.71	3.47	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-18DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01MS	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 16:08:24	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11597.89	12072.91	12638.71	12103.17	4.31	ppb
Antimony	121-1	13.63	14.78	13.59	14.00	4.84	ppb
Arsenic	75-2	94.32	99.90	104.39	99.54	5.07	ppb
Barium	135-1	976.09	1033.90	982.39	997.46	3.18	ppb
Barium	137-1	995.22	1083.34	1001.93	1026.83	4.78	ppb
Beryllium	9-1	123.36	135.92	121.34	126.87	6.23	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	93.28	99.16	91.43	94.63	4.26	ppb
Boron	11-1	95.60	106.91	99.01	100.51	5.77	ppb
Cadmium	111-1	105.71	113.43	104.69	107.94	4.43	ppb
Cadmium	106-1	100.21	100.16	95.82	98.73	2.55	ppb
Cadmium	108-1	101.71	110.74	100.24	104.23	5.45	ppb
Calcium	43-1	15720.84	17032.42	15738.63	16163.96	4.65	ppb
Calcium	44-1	15810.89	17153.54	15961.90	16308.78	4.51	ppb
Chromium	52-2	103.59	110.56	115.05	109.73	5.26	ppb
Cobalt	59-2	102.82	108.36	112.44	107.87	4.47	ppb
Copper	63-2	214.92	226.59	239.16	226.89	5.34	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				100		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	56-2	10440.46	11044.44	11461.69	10982.19	4.68	ppb
Iron	57-2	10262.79	10799.81	11233.94	10765.51	4.52	ppb
Krypton	83-1						cps
Lead	206-1	116.97	127.78	117.20	120.65	5.12	ppb
Lead	207-1	111.01	121.90	110.71	114.54	5.57	ppb
Lead	208-1	112.83	123.50	112.68	116.34	5.34	ppb
Lithium	6-1				63		%
Magnesium	24-2	11021.03	11571.15	12120.79	11570.99	4.75	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-18DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD006-0612-01MS Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 16:08:24 DataFile Name : 064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	799.42	834.83	889.22	841.16	5.38	ppb
Molybdenum	94-1	410.43	444.49	418.00	424.31	4.21	ppb
Molybdenum	95-1	456.45	496.06	472.20	474.91	4.20	ppb
Molybdenum	96-1	452.27	489.95	463.65	468.63	4.12	ppb
Molybdenum	97-1	467.41	500.25	474.73	480.79	3.59	ppb
Molybdenum	98-1	482.86	518.91	478.07	493.28	4.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.24	113.46	119.43	114.04	4.49	ppb
Phosphorus	31-2	314.19	698.85	623.83	545.63	37.37	ppb
Potassium	39-2	5138.28	5473.68	5710.49	5440.82	5.28	ppb
Rhodium	103-1				92		%
Rhodium	103-2				97		%
Scandium	45-1				84		%
Scandium	45-2				92		%
Selenium	77-2	110.09	105.96	113.07	109.71	3.25	ppb
Selenium	78-2	96.65	100.66	111.17	102.83	7.29	ppb
Selenium	82-1	98.12	104.37	100.65	101.04	3.11	ppb
Silicon	28-1	2775.07	2992.09	2763.25	2843.47	4.53	ppb
Silver	109-1	80.83	85.30	81.36	82.50	2.96	ppb
Silver	107-1	80.40	85.21	79.59	81.74	3.72	ppb
Sodium	23-2	9558.93	10015.77	10496.71	10023.80	4.68	ppb
Strontium	86-1	137.44	148.82	136.52	140.93	4.86	ppb
Strontium	88-1	141.04	151.89	143.54	145.49	3.91	ppb
Sulfur	34-1	-5212.86	-3962.24	-5303.89	-4826.33		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	91.78	100.62	94.23	95.54	4.78	ppb
Thallium	205-1	93.74	101.53	93.82	96.36	4.64	ppb
Tin	118-1	40.76	43.70	40.73	41.73	4.08	ppb
Titanium	47-1	392.95	415.24	395.51	401.23	3.04	ppb
Uranium	238-1	92.91	101.02	91.71	95.22	5.32	ppb
Vanadium	51-2	104.99	109.99	113.07	109.35	3.73	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	222.23	239.27	253.63	238.38	6.60	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-18DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01MS	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 16:08:24	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	55.28	60.33	56.57	57.39	4.57	ppb
Zirconium	91-1	54.51	61.09	55.75	57.12	6.13	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-16ADLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD006-0612-01AD Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 16:11:48 DataFile Name : 065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12590.91	12607.92	13243.72	12814.18	2.90	ppb
Antimony	121-1	14.04	13.52	13.20	13.58	3.13	ppb
Arsenic	75-2	93.27	93.49	99.25	95.33	3.56	ppb
Barium	135-1	992.63	958.79	932.51	961.31	3.14	ppb
Barium	137-1	1018.33	989.75	967.73	991.94	2.56	ppb
Beryllium	9-1	127.06	122.95	115.93	121.98	4.61	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	100.71	91.28	89.68	93.89	6.35	ppb
Boron	11-1	99.03	95.46	92.01	95.50	3.68	ppb
Cadmium	111-1	105.47	103.30	98.93	102.56	3.24	ppb
Cadmium	106-1	93.22	92.42	90.30	91.98	1.64	ppb
Cadmium	108-1	102.75	96.83	95.61	98.40	3.88	ppb
Calcium	43-1	15976.13	15799.94	14958.99	15578.36	3.49	ppb
Calcium	44-1	16302.71	15791.86	15293.82	15796.13	3.19	ppb
Chromium	52-2	109.74	107.34	114.96	110.68	3.52	ppb
Cobalt	59-2	106.49	104.30	111.00	107.27	3.19	ppb
Copper	63-2	223.22	221.38	234.79	226.46	3.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	56-2	11814.92	11836.25	12452.14	12034.44	3.01	ppb
Iron	57-2	11717.87	11529.23	12298.87	11848.66	3.39	ppb
Krypton	83-1						cps
Lead	206-1	120.44	118.27	114.61	117.77	2.50	ppb
Lead	207-1	116.10	111.76	109.17	112.34	3.12	ppb
Lead	208-1	117.63	113.82	110.75	114.07	3.02	ppb
Lithium	6-1				64		%
Magnesium	24-2	11699.66	11675.44	12204.56	11859.89	2.52	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16ADLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01AD	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 16:11:48	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	848.98	856.80	902.86	869.55	3.35	ppb
Molybdenum	94-1	418.16	416.71	402.41	412.42	2.11	ppb
Molybdenum	95-1	474.12	468.75	453.27	465.38	2.33	ppb
Molybdenum	96-1	466.27	460.34	445.97	457.53	2.28	ppb
Molybdenum	97-1	481.27	467.94	460.22	469.81	2.27	ppb
Molybdenum	98-1	496.03	478.14	471.36	481.85	2.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	113.54	113.82	119.70	115.69	3.01	ppb
Phosphorus	31-2	467.33	377.15	477.63	440.70	12.54	ppb
Potassium	39-2	5281.84	5342.44	5554.05	5392.78	2.65	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				86		%
Scandium	45-2				91		%
Selenium	77-2	145.07	97.56	86.92	109.85	28.19	ppb
Selenium	78-2	98.14	96.47	115.54	103.38	10.22	ppb
Selenium	82-1	100.53	100.50	94.65	98.56	3.44	ppb
Silicon	28-1	2794.78	2787.05	2614.24	2732.02	3.74	ppb
Silver	109-1	81.42	79.34	77.00	79.25	2.79	ppb
Silver	107-1	80.92	78.52	77.28	78.91	2.34	ppb
Sodium	23-2	9745.92	9754.33	10278.96	9926.40	3.08	ppb
Strontium	86-1	140.57	138.27	132.65	137.17	2.97	ppb
Strontium	88-1	146.11	143.63	139.82	143.18	2.21	ppb
Sulfur	34-1	-5011.54	-5083.89	-5891.07	-5328.83		ppb
Terbium	159-1				102		%
Terbium	159-2				96		%
Thallium	203-1	95.86	92.83	89.44	92.71	3.47	ppb
Thallium	205-1	95.88	93.62	90.89	93.46	2.68	ppb
Tin	118-1	41.30	40.94	40.30	40.85	1.24	ppb
Titanium	47-1	404.67	393.04	374.39	390.70	3.91	ppb
Uranium	238-1	94.57	91.84	90.06	92.16	2.46	ppb
Vanadium	51-2	108.41	106.40	113.00	109.27	3.09	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	229.72	241.86	251.68	241.09	4.56	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16ADLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01AD	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 16:11:48	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	57.30	54.95	54.95	55.73	2.44	ppb
Zirconium	91-1	56.67	55.58	53.76	55.34	2.65	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 16:16:07	DataFile Name :	066CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49154.75	50085.12	49621.94	49620.60	0.94	ppb
Antimony	121-1	569.86	532.86	508.29	537.01	5.77	ppb
Arsenic	75-2	514.47	514.36	513.71	514.18	0.08	ppb
Barium	135-1	2852.30	2649.97	2517.34	2673.20	6.31	ppb
Barium	137-1	2847.44	2681.66	2509.57	2679.56	6.31	ppb
Beryllium	9-1	666.42	632.46	599.23	632.70	5.31	ppb
Bismuth	209-1				90		%
Bismuth	209-2				93		%
Boron	10-1	655.39	621.88	587.64	621.63	5.45	ppb
Boron	11-1	664.75	639.18	606.34	636.76	4.60	ppb
Cadmium	111-1	551.53	513.12	490.52	518.39	5.95	ppb
Cadmium	106-1	546.88	520.68	504.58	524.05	4.07	ppb
Cadmium	108-1	559.19	539.57	501.47	533.41	5.50	ppb
Calcium	43-1	276148.66	261256.56	247198.61	261534.61	5.54	ppb
Calcium	44-1	271138.98	256938.11	246475.93	258184.34	4.79	ppb
Chromium	52-2	495.50	505.36	505.27	502.04	1.13	ppb
Cobalt	59-2	491.22	499.16	499.90	496.76	0.97	ppb
Copper	63-2	956.06	977.33	968.42	967.27	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				90		%
Indium	115-2				90		%
Iron	56-2	122879.76	125179.40	123462.71	123840.62	0.97	ppb
Iron	57-2	124878.93	125995.66	127509.45	126128.01	1.05	ppb
Krypton	83-1						cps
Lead	206-1	550.64	514.54	490.99	518.72	5.79	ppb
Lead	207-1	545.41	508.13	489.31	514.28	5.55	ppb
Lead	208-1	558.97	521.74	496.09	525.60	6.02	ppb
Lithium	6-1				65		%
Magnesium	24-2	243892.85	245204.36	245187.46	244761.56	0.31	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 16:16:07	DataFile Name :	066CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	958.53	981.44	984.70	974.89	1.46	ppb
Molybdenum	94-1	2804.48	2580.24	2490.38	2625.03	6.16	ppb
Molybdenum	95-1	2792.37	2576.70	2475.15	2614.74	6.20	ppb
Molybdenum	96-1	2789.64	2594.51	2484.44	2622.86	5.89	ppb
Molybdenum	97-1	2781.91	2639.87	2496.01	2639.27	5.42	ppb
Molybdenum	98-1	2779.31	2603.05	2500.51	2627.62	5.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.39	504.52	498.78	499.56	0.92	ppb
Phosphorus	31-2	9435.18	10275.50	10345.42	10018.70	5.06	ppb
Potassium	39-2	120342.70	125867.65	124723.29	123644.54	2.36	ppb
Rhodium	103-1				84		%
Rhodium	103-2				93		%
Scandium	45-1				83		%
Scandium	45-2				95		%
Selenium	77-2	382.07	406.24	465.24	417.85	10.24	ppb
Selenium	78-2	522.28	530.54	506.30	519.70	2.37	ppb
Selenium	82-1	551.66	509.26	493.42	518.12	5.81	ppb
Silicon	28-1	524.68	499.83	477.48	500.66	4.72	ppb
Silver	109-1	558.68	522.53	501.55	527.59	5.48	ppb
Silver	107-1	551.54	516.48	498.44	522.15	5.17	ppb
Sodium	23-2	245781.67	249701.80	245193.48	246892.32	0.99	ppb
Strontium	86-1	550.89	515.70	493.14	519.91	5.60	ppb
Strontium	88-1	566.27	531.28	500.29	532.61	6.20	ppb
Sulfur	34-1	12756.28	11083.90	9673.06	11171.08	13.82	ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	546.71	518.93	496.30	520.64	4.85	ppb
Thallium	205-1	573.17	543.03	517.55	544.59	5.11	ppb
Tin	118-1	566.72	535.37	499.49	533.86	6.30	ppb
Titanium	47-1	2783.45	2654.90	2528.55	2655.63	4.80	ppb
Uranium	238-1	551.71	511.40	492.10	518.40	5.87	ppb
Vanadium	51-2	498.36	503.77	499.80	500.64	0.56	ppb
Yttrium	89-1				92		%
Yttrium	89-2				94		%
Zinc	66-2	965.24	992.94	983.87	980.68	1.44	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 16:16:07	DataFile Name :	066CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	557.69	516.89	498.46	524.35	5.78	ppb
Zirconium	91-1	548.74	508.13	489.87	515.58	5.84	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 16:23:19	DataFile Name :	067CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.59	1.27	2.36	3.41	82.50	ppb
Antimony	121-1	0.12	0.18	0.21	0.17	25.90	ppb
Arsenic	75-2	0.07	0.05	0.02	0.05	49.08	ppb
Barium	135-1	-0.01	0.11	-0.05	0.01	612.47	ppb
Barium	137-1	0.01	0.16	0.01	0.06	153.10	ppb
Beryllium	9-1	0.07	0.05	0.11	0.08	37.47	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Boron	10-1	-10.92	-9.80	-8.94	-9.89		ppb
Boron	11-1	-10.92	-11.26	-11.01	-11.06		ppb
Cadmium	111-1	-0.12	-0.15	-0.08	-0.11		ppb
Cadmium	106-1	-1.86	-2.54	-1.37	-1.93		ppb
Cadmium	108-1	-0.10	-0.16	-0.27	-0.17		ppb
Calcium	43-1	-2.25	2.26	-6.88	-2.29		ppb
Calcium	44-1	68.28	75.30	62.17	68.58	9.58	ppb
Chromium	52-2	0.18	0.22	0.39	0.26	42.01	ppb
Cobalt	59-2	-0.04	-0.05	-0.06	-0.05		ppb
Copper	63-2	0.02	0.03	0.01	0.02	51.67	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				96		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	-0.80	-1.40	-1.40	-1.20		ppb
Iron	57-2	-5.60	-3.55	-2.56	-3.90		ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.07	0.07	0.06	47.54	ppb
Lead	207-1	0.12	0.06	0.00	0.06	101.54	ppb
Lead	208-1	0.07	0.07	0.05	0.06	21.93	ppb
Lithium	6-1				65		%
Magnesium	24-2	6.42	7.51	1.62	5.18	60.51	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 16:23:19	DataFile Name :	067CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.32	-0.16	-0.44	-0.31		ppb
Molybdenum	94-1	0.10	0.08	0.10	0.10	13.15	ppb
Molybdenum	95-1	0.08	0.16	0.12	0.12	32.22	ppb
Molybdenum	96-1	0.12	0.11	0.09	0.11	10.86	ppb
Molybdenum	97-1	0.12	0.10	0.13	0.12	15.88	ppb
Molybdenum	98-1	0.07	0.08	0.06	0.07	16.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.03	0.02	-0.02		ppb
Phosphorus	31-2	-47.54	-22.81	-34.86	-35.07		ppb
Potassium	39-2	12.77	25.36	34.64	24.26	45.24	ppb
Rhodium	103-1				91		%
Rhodium	103-2				97		%
Scandium	45-1				84		%
Scandium	45-2				92		%
Selenium	77-2	2.55	-1.11	6.19	2.54	143.48	ppb
Selenium	78-2	0.88	-0.34	0.27	0.27	223.19	ppb
Selenium	82-1	0.64	1.25	1.15	1.01	32.09	ppb
Silicon	28-1	-26.06	-24.39	-27.59	-26.01		ppb
Silver	109-1	0.02	0.02	0.03	0.02	24.67	ppb
Silver	107-1	0.04	0.03	0.02	0.03	36.20	ppb
Sodium	23-2	67.61	58.53	59.41	61.85	8.10	ppb
Strontium	86-1	0.12	0.09	0.04	0.08	52.05	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	51.11	ppb
Sulfur	34-1	-1320.83	-1214.00	-2039.94	-1524.92		ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	0.03	0.05	0.01	0.03	54.52	ppb
Thallium	205-1	0.04	0.03	0.01	0.03	47.07	ppb
Tin	118-1	0.00	0.02	0.01	0.01	99.65	ppb
Titanium	47-1	-0.11	-0.06	-0.03	-0.06		ppb
Uranium	238-1	0.01	0.01	0.00	0.01	49.98	ppb
Vanadium	51-2	0.01	0.01	0.00	0.00	163.72	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%
Zinc	66-2	0.09	0.11	0.09	0.10	11.71	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 16:23:19	DataFile Name :	067CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.01	0.01	0.01	54.57	ppb
Zirconium	91-1	0.00	0.03	-0.02	0.00	1597.08	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-19DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD007-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 16:26:45	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6665.53	7048.53	7048.47	6920.84	3.19	ppb
Antimony	121-1	0.05	0.08	0.07	0.07	19.63	ppb
Arsenic	75-2	1.50	1.83	1.61	1.65	10.11	ppb
Barium	135-1	327.00	323.22	328.01	326.08	0.77	ppb
Barium	137-1	326.99	324.85	328.90	326.91	0.62	ppb
Beryllium	9-1	0.39	0.39	0.42	0.40	4.74	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	-9.32	-12.15	-10.68	-10.72		ppb
Boron	11-1	-11.50	-10.88	-11.34	-11.24		ppb
Cadmium	111-1	0.20	0.18	0.21	0.20	9.49	ppb
Cadmium	106-1	-0.63	-0.24	-0.05	-0.31		ppb
Cadmium	108-1	0.32	0.15	0.21	0.23	36.82	ppb
Calcium	43-1	4067.07	4126.93	4027.40	4073.80	1.23	ppb
Calcium	44-1	4200.98	4188.22	4118.49	4169.23	1.06	ppb
Chromium	52-2	4.52	5.08	5.03	4.88	6.38	ppb
Cobalt	59-2	1.54	1.55	1.56	1.55	0.58	ppb
Copper	63-2	8.49	9.06	9.00	8.85	3.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				92		%
Indium	115-1				96		%
Indium	115-2				88		%
Iron	56-2	2730.42	2862.98	2883.54	2825.65	2.94	ppb
Iron	57-2	2642.80	2732.88	2712.00	2695.89	1.75	ppb
Krypton	83-1						cps
Lead	206-1	20.94	20.36	19.98	20.43	2.36	ppb
Lead	207-1	18.88	18.68	18.64	18.73	0.71	ppb
Lead	208-1	19.66	19.39	19.24	19.43	1.10	ppb
Lithium	6-1				68		%
Magnesium	24-2	894.17	948.54	981.66	941.46	4.69	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-19DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD007-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 16:26:45	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	614.18	641.50	646.10	633.93	2.72	ppb
Molybdenum	94-1	1.72	1.66	1.67	1.68	1.81	ppb
Molybdenum	95-1	0.24	0.31	0.31	0.28	14.79	ppb
Molybdenum	96-1	0.40	0.45	0.38	0.41	9.43	ppb
Molybdenum	97-1	0.35	0.32	0.23	0.30	21.18	ppb
Molybdenum	98-1	0.27	0.27	0.23	0.26	9.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.10	4.32	4.17	4.20	2.62	ppb
Phosphorus	31-2	510.28	613.85	580.42	568.18	9.30	ppb
Potassium	39-2	713.42	743.15	767.14	741.24	3.63	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				86		%
Scandium	45-2				89		%
Selenium	77-2	46.05	43.31	21.68	37.01	36.07	ppb
Selenium	78-2	0.87	3.95	3.45	2.75	60.01	ppb
Selenium	82-1	1.59	1.93	1.51	1.68	13.41	ppb
Silicon	28-1	1040.42	1106.08	1070.30	1072.27	3.07	ppb
Silver	109-1	0.07	0.06	0.05	0.06	19.91	ppb
Silver	107-1	0.07	0.07	0.06	0.06	8.12	ppb
Sodium	23-2	231.35	258.66	270.88	253.63	7.98	ppb
Strontium	86-1	28.80	29.70	28.59	29.03	2.04	ppb
Strontium	88-1	30.25	29.66	29.24	29.72	1.70	ppb
Sulfur	34-1	-1734.31	-2264.68	-2883.09	-2294.03		ppb
Terbium	159-1				101		%
Terbium	159-2				92		%
Thallium	203-1	0.15	0.15	0.18	0.16	10.52	ppb
Thallium	205-1	0.18	0.17	0.19	0.18	6.08	ppb
Tin	118-1	0.16	0.18	0.09	0.14	30.28	ppb
Titanium	47-1	10.78	10.82	10.83	10.81	0.26	ppb
Uranium	238-1	0.35	0.32	0.31	0.33	5.18	ppb
Vanadium	51-2	6.03	6.62	6.34	6.33	4.66	ppb
Yttrium	89-1				99		%
Yttrium	89-2				91		%
Zinc	66-2	31.11	33.68	32.07	32.29	4.03	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-19DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD007-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 16:26:45	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.95	0.97	0.93	0.95	1.75	ppb
Zirconium	91-1	1.04	0.81	0.97	0.94	12.76	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6386-10DL2X25 Instrumnet Name : P8
 Client Sample ID : P001-SS006-0612-01DL Dilution Factor : 25
 Date & Time Acquired :: 2018-12-27 16:30:11 DataFile Name : 069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6658.24	6644.87	7210.66	6837.92	4.72	ppb
Antimony	121-1	0.04	0.02	0.03	0.03	28.39	ppb
Arsenic	75-2	3.11	3.31	3.15	3.19	3.28	ppb
Barium	135-1	63.24	65.35	62.46	63.69	2.35	ppb
Barium	137-1	65.44	65.62	61.82	64.29	3.33	ppb
Beryllium	9-1	0.67	0.48	0.50	0.55	19.44	ppb
Bismuth	209-1				93		%
Bismuth	209-2				88		%
Boron	10-1	-11.54	-11.35	-10.79	-11.23		ppb
Boron	11-1	-12.59	-12.02	-12.67	-12.43		ppb
Cadmium	111-1	0.10	-0.01	0.06	0.05	106.62	ppb
Cadmium	106-1	-0.10	-1.35	-0.18	-0.54		ppb
Cadmium	108-1	0.01	-0.10	0.29	0.07	289.22	ppb
Calcium	43-1	6514.64	6696.96	6239.61	6483.74	3.55	ppb
Calcium	44-1	6952.41	7003.09	6641.44	6865.65	2.85	ppb
Chromium	52-2	8.55	8.56	9.55	8.89	6.43	ppb
Cobalt	59-2	6.02	6.07	6.50	6.20	4.31	ppb
Copper	63-2	13.27	13.72	14.66	13.88	5.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				89		%
Indium	115-1				93		%
Indium	115-2				85		%
Iron	56-2	15610.42	15605.47	17206.38	16140.76	5.72	ppb
Iron	57-2	15233.33	15150.95	16891.51	15758.60	6.23	ppb
Krypton	83-1						cps
Lead	206-1	42.83	43.72	41.80	42.78	2.25	ppb
Lead	207-1	38.84	39.55	37.45	38.61	2.77	ppb
Lead	208-1	40.17	40.97	39.21	40.12	2.20	ppb
Lithium	6-1				64		%
Magnesium	24-2	2852.09	2858.31	3187.56	2965.99	6.47	ppb

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6386-10DL2X25 Instrumnet Name : P8
 Client Sample ID : P001-SS006-0612-01DL4 Dilution Factor : 25
 Date & Time Acquired :: 2018-12-27 16:30:11 DataFile Name : 069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	491.39	493.15	549.58	511.37	6.47	ppb
Molybdenum	94-1	3.56	3.37	3.37	3.43	3.14	ppb
Molybdenum	95-1	0.42	0.37	0.40	0.40	5.65	ppb
Molybdenum	96-1	0.72	0.84	0.67	0.74	11.41	ppb
Molybdenum	97-1	0.38	0.45	0.43	0.42	8.93	ppb
Molybdenum	98-1	0.34	0.32	0.39	0.35	10.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.60	12.56	13.83	13.00	5.54	ppb
Phosphorus	31-2	2744.00	2669.46	3186.03	2866.50	9.74	ppb
Potassium	39-2	259.56	267.64	305.07	277.42	8.75	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				82		%
Scandium	45-2				86		%
Selenium	77-2	44.25	26.89	70.46	47.20	46.47	ppb
Selenium	78-2	13.43	17.50	15.81	15.58	13.14	ppb
Selenium	82-1	0.69	0.89	0.31	0.63	46.24	ppb
Silicon	28-1	381.30	392.32	361.17	378.26	4.18	ppb
Silver	109-1	0.01	0.02	0.03	0.02	54.06	ppb
Silver	107-1	0.02	0.03	0.02	0.02	29.43	ppb
Sodium	23-2	94.31	100.64	115.35	103.44	10.43	ppb
Strontium	86-1	17.43	17.53	16.30	17.09	3.99	ppb
Strontium	88-1	17.41	17.70	16.73	17.28	2.89	ppb
Sulfur	34-1	-3169.95	-2752.14	-3649.88	-3190.66		ppb
Terbium	159-1				95		%
Terbium	159-2				88		%
Thallium	203-1	0.05	0.03	0.04	0.04	19.69	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	21.92	ppb
Tin	118-1	0.20	0.15	0.17	0.17	15.30	ppb
Titanium	47-1	10.97	10.18	9.56	10.24	6.94	ppb
Uranium	238-1	0.26	0.23	0.23	0.24	7.14	ppb
Vanadium	51-2	8.20	7.81	9.14	8.38	8.13	ppb
Yttrium	89-1				100		%
Yttrium	89-2				94		%
Zinc	66-2	66.33	67.26	77.17	70.25	8.55	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6386-10DL2X25	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-0612-01DL1	Dilution Factor :	25
Date & Time Acquired ::	2018-12-27 16:30:11	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.09	2.10	1.92	2.04	5.03	ppb
Zirconium	91-1	2.15	2.15	1.80	2.03	9.93	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 16:33:37	DataFile Name :	070CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52967.90	53988.68	49360.35	52105.64	4.67	ppb
Antimony	121-1	525.51	551.07	508.74	528.44	4.03	ppb
Arsenic	75-2	548.45	553.82	510.55	537.61	4.39	ppb
Barium	135-1	2604.00	2736.51	2483.68	2608.06	4.85	ppb
Barium	137-1	2586.92	2722.59	2509.36	2606.29	4.14	ppb
Beryllium	9-1	615.97	653.14	605.10	624.74	4.03	ppb
Bismuth	209-1				88		%
Bismuth	209-2				87		%
Boron	10-1	603.06	656.95	610.70	623.57	4.68	ppb
Boron	11-1	605.90	657.28	625.57	629.59	4.12	ppb
Cadmium	111-1	504.21	534.01	485.88	508.03	4.78	ppb
Cadmium	106-1	510.34	538.43	500.02	516.26	3.85	ppb
Cadmium	108-1	523.41	546.56	495.03	521.67	4.95	ppb
Calcium	43-1	254715.85	266970.25	247335.04	256340.38	3.87	ppb
Calcium	44-1	255521.60	264966.78	243930.02	254806.13	4.14	ppb
Chromium	52-2	535.54	544.39	499.74	526.56	4.49	ppb
Cobalt	59-2	532.04	537.12	493.93	521.03	4.53	ppb
Copper	63-2	1039.19	1043.67	965.89	1016.25	4.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				93		%
Indium	115-1				89		%
Indium	115-2				86		%
Iron	56-2	133413.39	135046.83	123618.78	130693.00	4.73	ppb
Iron	57-2	135126.31	137461.61	125197.60	132595.17	4.91	ppb
Krypton	83-1						cps
Lead	206-1	500.48	535.81	491.92	509.40	4.57	ppb
Lead	207-1	501.67	526.33	490.10	506.03	3.66	ppb
Lead	208-1	511.07	539.92	499.87	516.95	4.00	ppb
Lithium	6-1				66		%
Magnesium	24-2	260860.76	266094.80	244759.70	257238.42	4.32	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 16:33:37	DataFile Name :	070CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1040.95	1054.03	972.32	1022.43	4.29	ppb
Molybdenum	94-1	2545.66	2661.79	2474.57	2560.67	3.69	ppb
Molybdenum	95-1	2533.56	2683.02	2450.83	2555.80	4.60	ppb
Molybdenum	96-1	2506.19	2655.66	2460.21	2540.69	4.02	ppb
Molybdenum	97-1	2563.68	2704.07	2496.30	2588.02	4.10	ppb
Molybdenum	98-1	2552.37	2697.59	2432.79	2560.92	5.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	532.64	538.07	498.41	523.04	4.11	ppb
Phosphorus	31-2	10270.49	11119.96	9805.99	10398.81	6.41	ppb
Potassium	39-2	133012.82	135616.60	124252.02	130960.48	4.55	ppb
Rhodium	103-1				85		%
Rhodium	103-2				87		%
Scandium	45-1				83		%
Scandium	45-2				91		%
Selenium	77-2	523.58	459.65	555.32	512.85	9.50	ppb
Selenium	78-2	556.10	519.46	505.48	527.01	4.96	ppb
Selenium	82-1	507.74	528.51	485.54	507.26	4.24	ppb
Silicon	28-1	490.26	524.85	484.58	499.90	4.36	ppb
Silver	109-1	517.67	539.11	497.03	517.94	4.06	ppb
Silver	107-1	515.46	537.66	501.02	518.05	3.56	ppb
Sodium	23-2	263035.48	268767.93	245336.59	259046.67	4.72	ppb
Strontium	86-1	512.43	532.82	489.05	511.43	4.28	ppb
Strontium	88-1	528.21	542.16	500.07	523.48	4.10	ppb
Sulfur	34-1	11626.35	12572.80	10378.88	11526.01	9.55	ppb
Terbium	159-1				96		%
Terbium	159-2				91		%
Thallium	203-1	500.76	536.23	491.87	509.62	4.61	ppb
Thallium	205-1	519.10	560.88	513.67	531.22	4.86	ppb
Tin	118-1	525.05	545.94	499.77	523.59	4.42	ppb
Titanium	47-1	2602.80	2674.79	2484.68	2587.42	3.71	ppb
Uranium	238-1	508.50	533.94	491.67	511.37	4.16	ppb
Vanadium	51-2	537.16	548.46	506.74	530.79	4.07	ppb
Yttrium	89-1				92		%
Yttrium	89-2				90		%
Zinc	66-2	1038.60	1065.90	980.61	1028.37	4.24	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 16:33:37	DataFile Name :	070CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	510.88	534.01	489.62	511.50	4.34	ppb
Zirconium	91-1	498.90	527.29	480.84	502.35	4.66	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 16:39:20	DataFile Name :	071CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.53	-0.91	5.24	2.29	134.76	ppb
Antimony	121-1	0.16	0.14	0.20	0.17	18.86	ppb
Arsenic	75-2	0.08	0.02	0.04	0.05	64.16	ppb
Barium	135-1	-0.05	-0.04	-0.06	-0.05		ppb
Barium	137-1	-0.02	0.01	-0.04	-0.02		ppb
Beryllium	9-1	0.06	0.06	0.10	0.07	29.21	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	-8.99	-8.96	-10.73	-9.56		ppb
Boron	11-1	-9.26	-9.84	-10.27	-9.79		ppb
Cadmium	111-1	-0.11	-0.03	-0.01	-0.05		ppb
Cadmium	106-1	-1.62	-0.62	-0.30	-0.85		ppb
Cadmium	108-1	0.00	-0.21	-0.27	-0.16		ppb
Calcium	43-1	-5.22	-4.31	-0.70	-3.41		ppb
Calcium	44-1	64.77	67.17	58.88	63.61	6.71	ppb
Chromium	52-2	0.26	0.23	0.30	0.27	12.66	ppb
Cobalt	59-2	-0.06	-0.08	-0.05	-0.06		ppb
Copper	63-2	-0.01	-0.01	0.00	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	-3.27	-2.63	-2.61	-2.83		ppb
Iron	57-2	-7.41	-1.91	-6.19	-5.17		ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.05	0.07	21.48	ppb
Lead	207-1	0.05	0.03	0.04	0.04	24.65	ppb
Lead	208-1	0.06	0.06	0.04	0.05	19.69	ppb
Lithium	6-1				70		%
Magnesium	24-2	3.82	1.82	5.17	3.60	46.77	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 16:39:20	DataFile Name :	071CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.33	-0.37	-0.34	-0.35		ppb
Molybdenum	94-1	0.07	0.11	0.10	0.10	19.93	ppb
Molybdenum	95-1	0.12	0.13	0.11	0.12	8.46	ppb
Molybdenum	96-1	0.08	0.08	0.09	0.08	3.71	ppb
Molybdenum	97-1	0.11	0.04	0.16	0.10	56.14	ppb
Molybdenum	98-1	0.08	0.10	0.06	0.08	23.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.07	-0.02	-0.02		ppb
Phosphorus	31-2	-35.43	-47.54	-34.61	-39.19		ppb
Potassium	39-2	13.53	17.03	39.70	23.42	60.67	ppb
Rhodium	103-1				93		%
Rhodium	103-2				98		%
Scandium	45-1				87		%
Scandium	45-2				92		%
Selenium	77-2	2.40	2.50	2.52	2.48	2.60	ppb
Selenium	78-2	-0.92	0.26	0.27	-0.13		ppb
Selenium	82-1	-0.31	0.04	0.26	0.00		ppb
Silicon	28-1	-25.30	-25.59	-27.00	-25.96		ppb
Silver	109-1	0.01	0.01	0.02	0.01	10.58	ppb
Silver	107-1	0.02	0.02	0.03	0.02	19.06	ppb
Sodium	23-2	61.32	79.34	76.09	72.25	13.30	ppb
Strontium	86-1	0.01	-0.04	0.07	0.01	429.78	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	1416.44	ppb
Sulfur	34-1	-1446.18	-1287.08	-1844.44	-1525.90		ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	0.04	0.07	0.04	0.05	37.19	ppb
Thallium	205-1	0.03	0.04	0.04	0.03	18.73	ppb
Tin	118-1	0.02	0.02	0.04	0.03	53.70	ppb
Titanium	47-1	-0.17	-0.07	-0.01	-0.08		ppb
Uranium	238-1	0.00	0.00	0.01	0.00	55.97	ppb
Vanadium	51-2	0.00	0.00	-0.03	-0.01		ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	0.23	-0.04	0.19	0.13	114.76	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 16:39:20	DataFile Name :	071CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.02	0.01	0.01	74.86	ppb
Zirconium	91-1	0.02	0.02	0.03	0.03	28.23	ppb

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 11:45:43	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48	63	63	58	15.07	cps
Antimony	121-1	42	42	75	53	36.46	cps
Arsenic	75-2	6	2	2	3	69.39	cps
Barium	135-1	83	108	83	92	15.74	cps
Barium	137-1	75	150	67	97	47.21	cps
Beryllium	9-1	13	30	20	21	39.75	cps
Bismuth	209-1	2703132	2458144	2448850	2536709	5.68	cps
Bismuth	209-2	1100471	1074665	1115240	1096792	1.87	cps
Boron	10-1	1500	1442	1575	1506	4.44	cps
Boron	11-1	7852	7961	8094	7969	1.52	cps
Cadmium	111-1	1048	942	1027	1006	5.61	cps
Cadmium	106-1	1517	1350	1500	1456	6.31	cps
Cadmium	108-1	25	17	33	25	33.32	cps
Calcium	43-1	557	537	533	542	2.33	cps
Calcium	44-1	85113	83087	84465	84222	1.23	cps
Chromium	52-2	2110	2160	2020	2097	3.38	cps
Cobalt	59-2	247	223	200	223	10.45	cps
Copper	63-2	297	313	263	291	8.75	cps
Dysprosium	156-1	25	83	25	44	75.78	cps
Dysprosium	156-2	3	0	13	6	124.93	cps
Erbium	164-1	8	17	33	19	65.47	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	108	33	67	69	54.12	cps
Gadolinium	160-2	10	13	3	9	57.30	cps
Holmium	165-1	4637427	4211772	4082804	4310667	6.73	cps
Holmium	165-2	1551131	1513756	1584866	1549918	2.29	cps
Indium	115-1	4698702	4257094	4186353	4380716	6.34	cps
Indium	115-2	349474	338465	353735	347225	2.27	cps
Iron	56-2	8053	8303	8214	8190	1.55	cps
Iron	57-2	289	222	283	265	13.97	cps
Krypton	83-1	643	593	630	622	4.16	cps
Lead	206-1	267	272	228	256	9.48	cps
Lead	207-1	311	200	178	230	31.11	cps
Lead	208-1	1106	978	906	996	10.17	cps
Lithium	6-1	485340	448521	445933	459932	4.79	cps
Magnesium	24-2	317	375	350	347	8.43	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 11:45:43	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	237	257	230	241	5.75	cps
Molybdenum	94-1	217	142	142	167	25.98	cps
Molybdenum	95-1	8	17	33	19	65.47	cps
Molybdenum	96-1	75	142	25	81	72.66	cps
Molybdenum	97-1	92	117	92	100	14.43	cps
Molybdenum	98-1	67	42	42	50	28.87	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	133	130	173	146	16.57	cps
Phosphorus	31-2	25	17	25	22	21.64	cps
Potassium	39-2	6844	7044	7044	6977	1.66	cps
Rhodium	103-1	4958258	4563760	4476285	4666101	5.50	cps
Rhodium	103-2	1839134	1771324	1873515	1827991	2.84	cps
Scandium	45-1	4285713	3825521	3772212	3961149	7.13	cps
Scandium	45-2	51872	49601	52699	51390	3.12	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	-127	-80	-107	-105	-22.79	cps
Silicon	28-1	359307	362874	366663	362948	1.01	cps
Silver	109-1	50	33	58	47	26.95	cps
Silver	107-1	42	17	58	39	53.93	cps
Sodium	23-2	14808	15401	14817	15008	2.26	cps
Strontium	86-1	750	750	858	786	7.96	cps
Strontium	88-1	67	75	92	78	16.37	cps
Sulfur	34-1	500167	495775	499922	498622	0.50	cps
Terbium	159-1	4847428	4483017	4364706	4565050	5.51	cps
Terbium	159-2	1572911	1527380	1636468	1578920	3.47	cps
Thallium	203-1	0	8	50	19	137.78	cps
Thallium	205-1	50	75	50	58	24.74	cps
Tin	118-1	300	250	233	261	13.29	cps
Titanium	47-1	250	258	208	239	11.21	cps
Uranium	238-1	25	8	17	17	50.01	cps
Vanadium	51-2	13	33	27	24	41.66	cps
Yttrium	89-1	5545804	5074017	4985127	5201649	5.79	cps
Yttrium	89-2	293127	281768	296671	290522	2.68	cps
Zinc	66-2	97	123	117	112	12.37	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 11:45:43	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	442	317	458	406	19.09	cps
Zirconium	91-1	100	33	142	92	59.62	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 11:53:01	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	238	303	255	16.32	cps
Antimony	121-1	8470	8078	8403	8317	2.52	cps
Arsenic	75-2	128	133	143	135	5.56	cps
Barium	135-1	8178	8853	9012	8681	5.10	cps
Barium	137-1	15284	15652	14967	15301	2.24	cps
Beryllium	9-1	703	727	627	686	7.63	cps
Bismuth	209-1	2369745	2429727	2404175	2401216	1.25	cps
Bismuth	209-2	1222481	1188004	1158100	1189528	2.71	cps
Boron	10-1	3501	3776	3742	3673	4.09	cps
Boron	11-1	18947	19748	18730	19141	2.80	cps
Cadmium	111-1	2200	1843	2186	2077	9.73	cps
Cadmium	106-1	1675	1375	1759	1603	12.58	cps
Cadmium	108-1	146	75	88	103	36.79	cps
Calcium	43-1	7936	8193	8153	8094	1.71	cps
Calcium	44-1	200778	204368	203036	202727	0.90	cps
Chromium	52-2	3771	4177	4067	4005	5.25	cps
Cobalt	59-2	2037	2084	2114	2078	1.86	cps
Copper	63-2	3464	3277	3494	3412	3.44	cps
Dysprosium	156-1	92	50	33	58	51.51	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	8	42	25	25	66.68	cps
Erbium	164-2	3	13	10	9	57.30	cps
Gadolinium	160-1	42	67	50	53	24.12	cps
Gadolinium	160-2	7	13	7	9	43.25	cps
Holmium	165-1	4107116	4218751	4251837	4192568	1.81	cps
Holmium	165-2	1715166	1654635	1643316	1671039	2.31	cps
Indium	115-1	4189719	4294163	4206349	4230077	1.33	cps
Indium	115-2	385467	371234	364150	373617	2.91	cps
Iron	56-2	44773	45508	45831	45371	1.20	cps
Iron	57-2	1111	1300	1272	1228	8.31	cps
Krypton	83-1	630	623	603	619	2.24	cps
Lead	206-1	2167	2095	2222	2161	2.96	cps
Lead	207-1	1950	1967	2111	2009	4.41	cps
Lead	208-1	8857	8829	8574	8753	1.79	cps
Lithium	6-1	450550	461399	452006	454652	1.30	cps
Magnesium	24-2	20574	20591	20057	20407	1.49	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 11:53:01	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	557	530	573	553	3.95	cps
Molybdenum	94-1	8953	8787	8995	8912	1.24	cps
Molybdenum	95-1	11163	11472	11147	11261	1.63	cps
Molybdenum	96-1	12314	12431	12523	12423	0.84	cps
Molybdenum	97-1	7202	6769	7111	7027	3.25	cps
Molybdenum	98-1	17562	17186	17278	17342	1.13	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	657	767	817	747	10.96	cps
Phosphorus	31-2	50	58	42	50	16.67	cps
Potassium	39-2	18204	18338	18121	18221	0.60	cps
Rhodium	103-1	4390963	4497807	4475677	4454816	1.27	cps
Rhodium	103-2	1973775	1928905	1888838	1930506	2.20	cps
Scandium	45-1	3713733	3797496	3779142	3763457	1.17	cps
Scandium	45-2	56173	56018	54140	55444	2.04	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	19	2	24	15	78.07	cps
Selenium	82-1	347	343	361	350	2.67	cps
Silicon	28-1	377636	370982	373690	374103	0.89	cps
Silver	109-1	4918	5076	5385	5126	4.63	cps
Silver	107-1	5368	5185	5218	5257	1.86	cps
Sodium	23-2	58713	58488	59015	58739	0.45	cps
Strontium	86-1	2292	2000	2059	2117	7.29	cps
Strontium	88-1	11730	11564	11480	11591	1.10	cps
Sulfur	34-1	498671	495169	498991	497610	0.43	cps
Terbium	159-1	4429712	4550112	4455420	4478414	1.42	cps
Terbium	159-2	1772030	1700857	1681618	1718168	2.77	cps
Thallium	203-1	2284	2567	2492	2448	6.00	cps
Thallium	205-1	6127	5568	5635	5777	5.28	cps
Tin	118-1	16160	15485	16219	15955	2.56	cps
Titanium	47-1	4401	3992	3851	4081	7.00	cps
Uranium	238-1	7036	6711	7211	6986	3.63	cps
Vanadium	51-2	3811	3977	3541	3776	5.84	cps
Yttrium	89-1	5077873	5196444	5081839	5118719	1.32	cps
Yttrium	89-2	321218	312194	305147	312853	2.57	cps
Zinc	66-2	473	563	537	524	8.81	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 11:53:01	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8295	8003	7061	7786	8.28	cps
Zirconium	91-1	1517	1558	1659	1578	4.61	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 11:56:49	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9811	9944	9506	9753	2.30	cps
Antimony	121-1	238945	233699	235728	236124	1.12	cps
Arsenic	75-2	6798	6857	6855	6837	0.49	cps
Barium	135-1	235410	230256	231502	232390	1.16	cps
Barium	137-1	409215	405739	405966	406973	0.48	cps
Beryllium	9-1	37579	37760	38539	37959	1.34	cps
Bismuth	209-1	2156884	2753664	2450196	2453581	12.16	cps
Bismuth	209-2	1167026	1137271	1158113	1154137	1.32	cps
Boron	10-1	6318	6443	6627	6463	2.40	cps
Boron	11-1	33682	34192	33682	33852	0.87	cps
Cadmium	111-1	58177	57543	58696	58139	0.99	cps
Cadmium	106-1	7369	7444	7744	7519	2.64	cps
Cadmium	108-1	4138	4272	4126	4179	1.94	cps
Calcium	43-1	84234	82842	83013	83363	0.91	cps
Calcium	44-1	1469019	1416360	1422423	1435934	2.01	cps
Chromium	52-2	56634	55801	55945	56127	0.79	cps
Cobalt	59-2	103565	104448	102520	103511	0.93	cps
Copper	63-2	172455	173703	173370	173176	0.37	cps
Dysprosium	156-1	50	100	42	64	49.38	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	8	25	33	22	57.29	cps
Erbium	164-2	13	3	7	8	65.47	cps
Gadolinium	160-1	50	42	25	39	32.73	cps
Gadolinium	160-2	7	7	17	10	57.72	cps
Holmium	165-1	3837424	4777328	4323407	4312719	10.90	cps
Holmium	165-2	1642194	1579509	1611342	1611015	1.95	cps
Indium	115-1	3840150	4782726	4281986	4301621	10.96	cps
Indium	115-2	362449	355150	358555	358718	1.02	cps
Iron	56-2	1939080	1940518	1937472	1939023	0.08	cps
Iron	57-2	48061	47169	46489	47240	1.67	cps
Krypton	83-1	577	593	673	614	8.41	cps
Lead	206-1	106621	106785	105536	106314	0.64	cps
Lead	207-1	96627	96297	96246	96390	0.21	cps
Lead	208-1	434291	433316	431915	433174	0.28	cps
Lithium	6-1	424300	510693	467208	467401	9.24	cps
Magnesium	24-2	224232	221262	222497	222664	0.67	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 11:56:49	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33908	34018	33988	33971	0.17	cps
Molybdenum	94-1	477313	472124	475362	474933	0.55	cps
Molybdenum	95-1	578961	571164	577941	576022	0.74	cps
Molybdenum	96-1	642910	634840	650142	642631	1.19	cps
Molybdenum	97-1	359402	353869	363792	359021	1.39	cps
Molybdenum	98-1	911065	899670	918823	909853	1.06	cps
Neodymium	150-1	40	13	27	27	50.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30407	30447	30654	30502	0.43	cps
Phosphorus	31-2	767	900	925	864	9.85	cps
Potassium	39-2	72662	73886	73971	73506	1.00	cps
Rhodium	103-1	3959478	5014368	4453972	4475939	11.79	cps
Rhodium	103-2	1847904	1819486	1878842	1848744	1.61	cps
Scandium	45-1	3396653	4261835	3827972	3828820	11.30	cps
Scandium	45-2	53666	52722	53669	53352	1.02	cps
Selenium	77-2	50	43	43	46	8.45	cps
Selenium	78-2	226	200	176	201	12.46	cps
Selenium	82-1	4287	4230	4229	4249	0.79	cps
Silicon	28-1	557811	552243	555611	555222	0.51	cps
Silver	109-1	266202	266282	268985	267157	0.59	cps
Silver	107-1	281307	283156	280968	281810	0.42	cps
Sodium	23-2	505580	499488	495161	500076	1.05	cps
Strontium	86-1	75366	75668	74119	75051	1.09	cps
Strontium	88-1	639539	631417	629314	633423	0.85	cps
Sulfur	34-1	536268	535009	533171	534816	0.29	cps
Terbium	159-1	4058419	5132218	4515294	4568644	11.80	cps
Terbium	159-2	1647270	1636795	1657099	1647055	0.62	cps
Thallium	203-1	134455	129405	134094	132651	2.12	cps
Thallium	205-1	316311	312867	319001	316060	0.97	cps
Tin	118-1	166771	164365	163328	164821	1.07	cps
Titanium	47-1	202385	198489	203213	201362	1.25	cps
Uranium	238-1	389947	383988	385805	386580	0.79	cps
Vanadium	51-2	38737	38717	38770	38741	0.07	cps
Yttrium	89-1	4601841	5763237	5068678	5144586	11.36	cps
Yttrium	89-2	302544	299392	296410	299449	1.02	cps
Zinc	66-2	18723	18736	18987	18815	0.79	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 11:56:49	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	402404	396543	396620	398522	0.84	cps
Zirconium	91-1	88370	86482	86089	86980	1.40	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:00:36	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23924	23951	23931	23935	0.06	cps
Antimony	121-1	604723	603938	602612	603758	0.18	cps
Arsenic	75-2	16558	16551	16553	16554	0.02	cps
Barium	135-1	590214	587173	591583	589657	0.38	cps
Barium	137-1	1018936	1025985	1039318	1028080	1.01	cps
Beryllium	9-1	94515	93240	94585	94113	0.80	cps
Bismuth	209-1	2527356	2594859	2462662	2528292	2.61	cps
Bismuth	209-2	1179334	1128756	1241680	1183257	4.78	cps
Boron	10-1	14316	13999	14775	14363	2.72	cps
Boron	11-1	73732	73975	74796	74168	0.75	cps
Cadmium	111-1	144064	143833	144141	144013	0.11	cps
Cadmium	106-1	16736	16369	16803	16636	1.40	cps
Cadmium	108-1	10446	10363	10554	10454	0.92	cps
Calcium	43-1	205676	206889	205655	206073	0.34	cps
Calcium	44-1	3378178	3417265	3364762	3386735	0.81	cps
Chromium	52-2	135973	135882	135219	135691	0.30	cps
Cobalt	59-2	254796	252946	252430	253391	0.49	cps
Copper	63-2	432684	430232	423584	428833	1.10	cps
Dysprosium	156-1	42	58	117	72	54.52	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	25	8	19	49.50	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	50	67	50	56	17.32	cps
Gadolinium	160-2	3	13	13	10	57.75	cps
Holmium	165-1	4459989	4569665	4357160	4462272	2.38	cps
Holmium	165-2	1675995	1599807	1766193	1680665	4.96	cps
Indium	115-1	4356002	4458519	4236125	4350215	2.56	cps
Indium	115-2	361652	349679	374846	362059	3.48	cps
Iron	56-2	4738777	4754918	4666205	4719966	1.00	cps
Iron	57-2	116376	118584	118516	117825	1.07	cps
Krypton	83-1	610	670	610	630	5.50	cps
Lead	206-1	264241	270614	271302	268719	1.45	cps
Lead	207-1	245291	243117	246646	245018	0.73	cps
Lead	208-1	1088393	1096946	1106984	1097441	0.85	cps
Lithium	6-1	485292	490349	472965	482869	1.85	cps
Magnesium	24-2	552269	550544	538298	547037	1.39	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 12:00:36 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	84162	83853	82136	83384	1.31	cps
Molybdenum	94-1	1182230	1190615	1203303	1192049	0.89	cps
Molybdenum	95-1	1465945	1488298	1483520	1479254	0.80	cps
Molybdenum	96-1	1658353	1624073	1669702	1650709	1.44	cps
Molybdenum	97-1	895675	900723	909278	901892	0.76	cps
Molybdenum	98-1	2324192	2352169	2362155	2346172	0.84	cps
Neodymium	150-1	40	20	47	36	39.03	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	76566	76311	75302	76060	0.88	cps
Phosphorus	31-2	2050	1784	1875	1903	7.12	cps
Potassium	39-2	171053	169102	167882	169346	0.94	cps
Rhodium	103-1	4552219	4677492	4413275	4547662	2.91	cps
Rhodium	103-2	1838562	1779890	1963603	1860685	5.04	cps
Scandium	45-1	3882150	3999574	3725406	3869043	3.56	cps
Scandium	45-2	54375	52401	55995	54257	3.32	cps
Selenium	77-2	123	123	123	123	0.00	cps
Selenium	78-2	437	502	415	451	10.02	cps
Selenium	82-1	10633	10526	10847	10668	1.53	cps
Silicon	28-1	844675	845760	849030	846488	0.27	cps
Silver	109-1	663940	668126	669048	667038	0.41	cps
Silver	107-1	705970	708847	711196	708671	0.37	cps
Sodium	23-2	1254829	1242357	1221815	1239667	1.34	cps
Strontium	86-1	188492	187481	187918	187964	0.27	cps
Strontium	88-1	1620950	1597841	1607319	1608703	0.72	cps
Sulfur	34-1	567528	571950	570376	569952	0.39	cps
Terbium	159-1	4696882	4869404	4647087	4737791	2.46	cps
Terbium	159-2	1695523	1628158	1763140	1695607	3.98	cps
Thallium	203-1	332950	337674	339485	336703	1.00	cps
Thallium	205-1	786088	804606	810666	800453	1.60	cps
Tin	118-1	418244	414779	422361	418461	0.91	cps
Titanium	47-1	499286	504024	501802	501704	0.47	cps
Uranium	238-1	974769	996738	1000967	990825	1.42	cps
Vanadium	51-2	94365	96567	95885	95606	1.18	cps
Yttrium	89-1	5356409	5401932	5146369	5301570	2.57	cps
Yttrium	89-2	301293	288959	316392	302215	4.55	cps
Zinc	66-2	45849	46006	45287	45714	0.83	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:00:36	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1010497	1000496	1010444	1007146	0.57	cps
Zirconium	91-1	221312	217989	221647	220316	0.92	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 12:04:20 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	47543	47972	47423	47646	0.61	cps
Antimony	121-1	1240259	1245192	1245153	1243534	0.23	cps
Arsenic	75-2	32626	33090	32696	32804	0.76	cps
Barium	135-1	1211860	1216244	1204223	1210776	0.50	cps
Barium	137-1	2110556	2148444	2144165	2134388	0.97	cps
Beryllium	9-1	194116	193529	195836	194494	0.62	cps
Bismuth	209-1	2610662	2681220	2721885	2671256	2.11	cps
Bismuth	209-2	1279526	1205356	1245048	1243310	2.99	cps
Boron	10-1	28054	27703	28011	27923	0.69	cps
Boron	11-1	140720	142361	146931	143337	2.25	cps
Cadmium	111-1	291705	293738	297781	294408	1.05	cps
Cadmium	106-1	32407	32590	32541	32513	0.29	cps
Cadmium	108-1	21213	21589	20879	21227	1.67	cps
Calcium	43-1	413655	414658	413936	414083	0.12	cps
Calcium	44-1	6716594	6765180	6727143	6736306	0.38	cps
Chromium	52-2	270082	269918	267469	269156	0.54	cps
Cobalt	59-2	507036	507078	502927	505680	0.47	cps
Copper	63-2	854684	861077	847215	854325	0.81	cps
Dysprosium	156-1	83	92	58	78	22.30	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	25	25	33	28	17.33	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	50	50	25	42	34.64	cps
Gadolinium	160-2	10	3	13	9	57.30	cps
Holmium	165-1	4544072	4655930	4793493	4664498	2.68	cps
Holmium	165-2	1815596	1700088	1728100	1747928	3.45	cps
Indium	115-1	4425856	4491229	4617208	4511431	2.16	cps
Indium	115-2	378853	350691	371658	367067	3.99	cps
Iron	56-2	9344978	9296268	9202776	9281341	0.78	cps
Iron	57-2	230731	236426	233287	233481	1.22	cps
Krypton	83-1	610	593	703	636	9.33	cps
Lead	206-1	555142	562172	567599	561638	1.11	cps
Lead	207-1	506213	510398	517411	511341	1.11	cps
Lead	208-1	2275499	2296952	2329305	2300585	1.18	cps
Lithium	6-1	502906	506642	522420	510656	2.03	cps
Magnesium	24-2	1099872	1100402	1091422	1097232	0.46	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:04:20	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	167157	166449	165723	166443	0.43	cps
Molybdenum	94-1	2431792	2486354	2480029	2466058	1.21	cps
Molybdenum	95-1	3052055	3062017	3028827	3047633	0.56	cps
Molybdenum	96-1	3352874	3322614	3334023	3336503	0.46	cps
Molybdenum	97-1	1866788	1881228	1872114	1873377	0.39	cps
Molybdenum	98-1	4709276	4731115	4816692	4752361	1.19	cps
Neodymium	150-1	47	53	53	51	7.53	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	150732	152282	150311	151108	0.69	cps
Phosphorus	31-2	3876	4009	4001	3962	1.89	cps
Potassium	39-2	330958	328863	326816	328879	0.63	cps
Rhodium	103-1	4594842	4644881	4781091	4673604	2.06	cps
Rhodium	103-2	1914930	1822374	1878274	1871859	2.49	cps
Scandium	45-1	3904138	3915274	3992807	3937406	1.23	cps
Scandium	45-2	54843	51769	53006	53206	2.91	cps
Selenium	77-2	230	267	297	264	12.62	cps
Selenium	78-2	907	898	957	921	3.46	cps
Selenium	82-1	21453	21932	21965	21784	1.31	cps
Silicon	28-1	1230394	1242514	1251616	1241508	0.86	cps
Silver	109-1	1356514	1362952	1378846	1366104	0.84	cps
Silver	107-1	1452856	1447773	1462653	1454427	0.52	cps
Sodium	23-2	2418377	2428606	2433786	2426923	0.32	cps
Strontium	86-1	377831	383052	380664	380516	0.69	cps
Strontium	88-1	3272190	3269017	3226362	3255856	0.79	cps
Sulfur	34-1	639071	637937	644005	640338	0.50	cps
Terbium	159-1	4792942	4906449	5043988	4914460	2.56	cps
Terbium	159-2	1817947	1675366	1750210	1747841	4.08	cps
Thallium	203-1	701206	703998	707496	704233	0.45	cps
Thallium	205-1	1665457	1688374	1722084	1691972	1.68	cps
Tin	118-1	851495	868533	868929	862986	1.15	cps
Titanium	47-1	1004736	1018920	1017913	1013856	0.78	cps
Uranium	238-1	2121343	2125853	2131386	2126194	0.24	cps
Vanadium	51-2	192348	191942	189885	191392	0.69	cps
Yttrium	89-1	5369358	5411906	5507280	5429515	1.30	cps
Yttrium	89-2	318040	295877	304150	306022	3.66	cps
Zinc	66-2	91842	94076	93163	93027	1.21	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:04:20	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2083747	2064519	2056302	2068189	0.68	cps
Zirconium	91-1	451771	454305	450271	452115	0.45	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 12:07:57 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	94431	93824	92757	93671	0.90	cps
Antimony	121-1	2613649	2581171	2586221	2593680	0.67	cps
Arsenic	75-2	65928	65547	65352	65609	0.45	cps
Barium	135-1	2504416	2509078	2514019	2509171	0.19	cps
Barium	137-1	4323598	4423620	4313236	4353484	1.40	cps
Beryllium	9-1	400757	409190	417006	408985	1.99	cps
Bismuth	209-1	2939049	2884410	2856341	2893267	1.45	cps
Bismuth	209-2	1195582	1219834	1325384	1246933	5.53	cps
Boron	10-1	55601	57851	59592	57681	3.47	cps
Boron	11-1	282032	294413	298978	291808	3.00	cps
Cadmium	111-1	597096	610184	600585	602622	1.12	cps
Cadmium	106-1	63459	65200	64589	64416	1.37	cps
Cadmium	108-1	44152	43416	43700	43756	0.85	cps
Calcium	43-1	831245	841817	831221	834761	0.73	cps
Calcium	44-1	13373372	13471465	13405426	13416754	0.37	cps
Chromium	52-2	532580	534925	522164	529890	1.28	cps
Cobalt	59-2	1002495	1002412	989602	998170	0.74	cps
Copper	63-2	1698856	1684775	1700688	1694773	0.51	cps
Dysprosium	156-1	92	117	58	89	32.92	cps
Dysprosium	156-2	7	13	0	7	99.98	cps
Erbium	164-1	0	33	17	17	99.99	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	58	33	108	67	57.29	cps
Gadolinium	160-2	7	0	10	6	91.64	cps
Holmium	165-1	5115084	4976275	4968170	5019843	1.65	cps
Holmium	165-2	1681278	1719284	1871906	1757490	5.74	cps
Indium	115-1	4832154	4795799	4678420	4768791	1.68	cps
Indium	115-2	343605	345606	379468	356226	5.66	cps
Iron	56-2	18513637	18580364	18380932	18491644	0.55	cps
Iron	57-2	464818	465093	458695	462869	0.78	cps
Krypton	83-1	660	637	683	660	3.54	cps
Lead	206-1	1154941	1184432	1189586	1176320	1.59	cps
Lead	207-1	1046847	1066275	1078017	1063713	1.48	cps
Lead	208-1	4813809	4855357	4914503	4861223	1.04	cps
Lithium	6-1	559935	567530	547150	558205	1.85	cps
Magnesium	24-2	2215188	2199538	2159183	2191303	1.32	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:07:57	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	331975	330351	328798	330375	0.48	cps
Molybdenum	94-1	4935954	4984339	4933426	4951239	0.58	cps
Molybdenum	95-1	6111311	6074836	6101861	6096003	0.31	cps
Molybdenum	96-1	6769771	6767562	6776128	6771154	0.07	cps
Molybdenum	97-1	3748404	3820615	3781550	3783523	0.96	cps
Molybdenum	98-1	9443853	9623288	9612949	9560030	1.05	cps
Neodymium	150-1	100	73	53	76	30.98	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	297369	296328	295525	296407	0.31	cps
Phosphorus	31-2	7536	7619	7402	7519	1.45	cps
Potassium	39-2	641513	637992	635348	638284	0.48	cps
Rhodium	103-1	4954870	4888999	4735489	4859786	2.32	cps
Rhodium	103-2	1760556	1761998	1952320	1824958	6.04	cps
Scandium	45-1	4227811	4132703	4009629	4123381	2.65	cps
Scandium	45-2	49407	49216	55597	51406	7.06	cps
Selenium	77-2	537	470	563	523	9.19	cps
Selenium	78-2	1748	1637	1846	1744	6.00	cps
Selenium	82-1	43865	44566	44426	44285	0.84	cps
Silicon	28-1	2126468	2105727	2083405	2105200	1.02	cps
Silver	109-1	2831717	2846477	2840250	2839482	0.26	cps
Silver	107-1	3009210	2977387	3010749	2999115	0.63	cps
Sodium	23-2	4786614	4691543	4630688	4702948	1.67	cps
Strontium	86-1	779524	768643	777655	775274	0.75	cps
Strontium	88-1	6538226	6499936	6586953	6541705	0.67	cps
Sulfur	34-1	764683	767556	764814	765684	0.21	cps
Terbium	159-1	5395705	5272227	5105418	5257783	2.77	cps
Terbium	159-2	1689715	1717343	1886064	1764374	6.02	cps
Thallium	203-1	1454596	1476766	1507522	1479628	1.80	cps
Thallium	205-1	3532391	3576687	3611805	3573627	1.11	cps
Tin	118-1	1795786	1787246	1796856	1793296	0.29	cps
Titanium	47-1	2056252	2084158	2059398	2066603	0.74	cps
Uranium	238-1	4391892	4460842	4531871	4461535	1.57	cps
Vanadium	51-2	383579	381407	377199	380729	0.85	cps
Yttrium	89-1	5849446	5750886	5635127	5745153	1.87	cps
Yttrium	89-2	286567	289355	313890	296604	5.07	cps
Zinc	66-2	184229	183354	181991	183191	0.62	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:07:57	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4154130	4232272	4199051	4195151	0.93	cps
Zirconium	91-1	915579	923339	920753	919890	0.43	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:11:28	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	185407	182701	182109	183406	0.96	cps
Antimony	121-1	5315541	5302952	5377773	5332088	0.75	cps
Arsenic	75-2	130001	130567	129943	130170	0.27	cps
Barium	135-1	5186837	5240021	5259303	5228720	0.72	cps
Barium	137-1	8962118	8964171	9071303	8999197	0.69	cps
Beryllium	9-1	845399	855448	850398	850415	0.59	cps
Bismuth	209-1	2898529	2739840	2776816	2805062	2.96	cps
Bismuth	209-2	1271243	1333336	1332480	1312353	2.71	cps
Boron	10-1	119142	120310	124646	121366	2.39	cps
Boron	11-1	598090	610132	619037	609086	1.73	cps
Cadmium	111-1	1235686	1237682	1251311	1241559	0.68	cps
Cadmium	106-1	130476	132236	133010	131907	0.98	cps
Cadmium	108-1	87704	87683	89272	88220	1.03	cps
Calcium	43-1	1716891	1744779	1766210	1742627	1.42	cps
Calcium	44-1	26810486	27332306	27339091	27160628	1.12	cps
Chromium	52-2	1047090	1034479	1041470	1041013	0.61	cps
Cobalt	59-2	2002513	1983721	1988757	1991664	0.49	cps
Copper	63-2	3317832	3269489	3315494	3300938	0.83	cps
Dysprosium	156-1	125	117	75	106	25.38	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	17	8	25	17	50.01	cps
Erbium	164-2	7	13	7	9	43.25	cps
Gadolinium	160-1	58	92	83	78	22.30	cps
Gadolinium	160-2	7	13	33	18	78.05	cps
Holmium	165-1	5053723	4783295	4731563	4856194	3.56	cps
Holmium	165-2	1795799	1865230	1890664	1850565	2.65	cps
Indium	115-1	4635263	4370598	4359029	4454963	3.51	cps
Indium	115-2	345636	370956	371655	362749	4.09	cps
Iron	56-2	36260630	36453906	36240338	36318292	0.32	cps
Iron	57-2	911486	912336	908002	910608	0.25	cps
Krypton	83-1	633	553	667	618	9.43	cps
Lead	206-1	2506424	2513390	2513109	2510974	0.16	cps
Lead	207-1	2291577	2301956	2295637	2296390	0.23	cps
Lead	208-1	10251274	10314623	10342252	10302716	0.45	cps
Lithium	6-1	584961	560995	563928	569961	2.29	cps
Magnesium	24-2	4258998	4254040	4216461	4243166	0.55	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:11:28	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	651044	647581	646482	648369	0.37	cps
Molybdenum	94-1	10133176	10267989	10154205	10185123	0.71	cps
Molybdenum	95-1	12326521	12627172	12734325	12562673	1.68	cps
Molybdenum	96-1	13852351	14104852	14048170	14001791	0.95	cps
Molybdenum	97-1	7661982	7747603	7733587	7714390	0.60	cps
Molybdenum	98-1	19594198	19810193	19966486	19790293	0.94	cps
Neodymium	150-1	173	200	280	218	25.49	cps
Neodymium	150-2	7	3	17	9	78.08	cps
Nickel	60-2	575889	577083	578501	577158	0.23	cps
Phosphorus	31-2	14600	15226	14400	14742	2.92	cps
Potassium	39-2	1252632	1245572	1245279	1247828	0.33	cps
Rhodium	103-1	4730180	4442481	4395091	4522584	4.01	cps
Rhodium	103-2	1785781	1912501	1905997	1868093	3.82	cps
Scandium	45-1	4001625	3794709	3793420	3863251	3.10	cps
Scandium	45-2	51825	54934	53127	53295	2.93	cps
Selenium	77-2	1010	1073	1043	1042	3.04	cps
Selenium	78-2	3565	3419	3554	3513	2.32	cps
Selenium	82-1	89175	90195	89770	89713	0.57	cps
Silicon	28-1	3643130	3703794	3713731	3686885	1.04	cps
Silver	109-1	5699438	5653486	5705387	5686104	0.50	cps
Silver	107-1	5967468	6072383	6084656	6041502	1.07	cps
Sodium	23-2	9290850	9203052	9142590	9212164	0.81	cps
Strontium	86-1	1570613	1606060	1625833	1600835	1.75	cps
Strontium	88-1	13319655	13471699	13422142	13404499	0.58	cps
Sulfur	34-1	904831	881873	1028434	938379	8.40	cps
Terbium	159-1	5352494	5108131	5051521	5170715	3.09	cps
Terbium	159-2	1809125	1908640	1924944	1880903	3.33	cps
Thallium	203-1	3116762	3172350	3118975	3136029	1.00	cps
Thallium	205-1	7279646	7350713	7383490	7337950	0.72	cps
Tin	118-1	3683416	3694949	3697833	3692066	0.21	cps
Titanium	47-1	4098389	4151363	4163361	4137704	0.84	cps
Uranium	238-1	9442273	9522808	9611999	9525693	0.89	cps
Vanadium	51-2	758713	752531	749578	753607	0.62	cps
Yttrium	89-1	5620732	5368984	5337351	5442355	2.85	cps
Yttrium	89-2	295117	314724	311883	307241	3.45	cps
Zinc	66-2	360202	357910	354726	357613	0.77	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:11:28	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8559218	8662677	8608580	8610158	0.60	cps
Zirconium	91-1	1913949	1921207	1900264	1911807	0.56	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:14:53	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	982407	987994	991250	987217	0.45	cps
Antimony	121-1	7011	6844	7227	7027	2.74	cps
Arsenic	75-2	257	187	181	209	20.29	cps
Barium	135-1	708	858	667	745	13.54	cps
Barium	137-1	1308	1500	1033	1281	18.32	cps
Beryllium	9-1	183	123	113	140	27.04	cps
Bismuth	209-1	2814929	2476041	2673589	2654853	6.41	cps
Bismuth	209-2	1251210	1179389	1186502	1205701	3.28	cps
Boron	10-1	3309	3234	3609	3384	5.87	cps
Boron	11-1	18204	16952	17662	17606	3.57	cps
Cadmium	111-1	1253	1078	1284	1205	9.24	cps
Cadmium	106-1	1617	1367	1667	1550	10.37	cps
Cadmium	108-1	29	42	29	33	21.65	cps
Calcium	43-1	8552225	8709167	8572063	8611152	0.99	cps
Calcium	44-1	137615461	139065395	136847515	137842790	0.82	cps
Chromium	52-2	18526	17865	18499	18297	2.04	cps
Cobalt	59-2	24098	24101	24261	24153	0.39	cps
Copper	63-2	5011	5014	4898	4974	1.34	cps
Dysprosium	156-1	42	42	42	42	0.00	cps
Dysprosium	156-2	17	10	13	13	25.01	cps
Erbium	164-1	33	50	42	42	20.00	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	75	133	50	86	49.66	cps
Gadolinium	160-2	27	10	13	17	52.93	cps
Holmium	165-1	5121586	4599957	4888240	4869927	5.37	cps
Holmium	165-2	1880636	1764850	1791111	1812199	3.35	cps
Indium	115-1	4745042	4217279	4592162	4518161	6.01	cps
Indium	115-2	386108	365138	362605	371284	3.47	cps
Iron	56-2	185082382	184547543	184903254	184844393	0.15	cps
Iron	57-2	4700620	4688120	4665150	4684630	0.38	cps
Krypton	83-1	630	633	613	626	1.71	cps
Lead	206-1	3878	3906	4006	3930	1.71	cps
Lead	207-1	3356	3539	3223	3373	4.72	cps
Lead	208-1	15526	15615	15171	15437	1.52	cps
Lithium	6-1	595427	548798	572011	572078	4.08	cps
Magnesium	24-2	20659950	20460562	20790036	20636850	0.80	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:14:53	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4117	3621	3954	3897	6.50	cps
Molybdenum	94-1	6427	5910	6010	6116	4.48	cps
Molybdenum	95-1	8420	8553	8795	8589	2.21	cps
Molybdenum	96-1	10330	10246	10463	10346	1.06	cps
Molybdenum	97-1	5193	5243	5677	5371	4.95	cps
Molybdenum	98-1	13883	13983	13291	13719	2.73	cps
Neodymium	150-1	93	53	93	80	28.87	cps
Neodymium	150-2	13	23	7	14	58.06	cps
Nickel	60-2	11582	11532	11221	11445	1.71	cps
Phosphorus	31-2	17	8	17	14	34.67	cps
Potassium	39-2	6435658	6566153	6676937	6559583	1.84	cps
Rhodium	103-1	4757247	4157814	4613110	4509391	6.94	cps
Rhodium	103-2	1906723	1783101	1795049	1828291	3.73	cps
Scandium	45-1	4277005	3743145	4132556	4050902	6.82	cps
Scandium	45-2	55176	54893	53867	54646	1.26	cps
Selenium	77-2	3	3	10	6	69.34	cps
Selenium	78-2	6	2	2	3	69.39	cps
Selenium	82-1	-36	-44	0	-27	-88.73	cps
Silicon	28-1	998239	1030997	1046582	1025273	2.41	cps
Silver	109-1	592	392	450	478	21.53	cps
Silver	107-1	617	642	608	622	2.79	cps
Sodium	23-2	47535565	47411969	48133459	47693664	0.81	cps
Strontium	86-1	7944	8061	7386	7797	4.63	cps
Strontium	88-1	60175	60452	57857	59495	2.39	cps
Sulfur	34-1	517948	527601	538785	528111	1.97	cps
Terbium	159-1	5419880	4790747	5124013	5111546	6.16	cps
Terbium	159-2	1911490	1781727	1813047	1835421	3.69	cps
Thallium	203-1	833	692	667	731	12.30	cps
Thallium	205-1	2025	1825	1559	1803	12.99	cps
Tin	118-1	3501	3192	3192	3295	5.40	cps
Titanium	47-1	1150	1292	1292	1245	6.57	cps
Uranium	238-1	592	500	417	503	17.41	cps
Vanadium	51-2	160	127	147	144	11.61	cps
Yttrium	89-1	5873644	5254146	5582989	5570260	5.56	cps
Yttrium	89-2	325339	311220	306902	314487	3.07	cps
Zinc	66-2	3754	3544	3677	3658	2.91	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:14:53	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3667	3934	3634	3745	4.39	cps
Zirconium	91-1	900	692	725	772	14.49	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 12:22:32 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5257	4995	5147	5133	2.57	cps
Antimony	121-1	985852	1000960	990576	992463	0.78	cps
Arsenic	75-2	26297	26320	26462	26360	0.34	cps
Barium	135-1	100086	100287	98062	99479	1.24	cps
Barium	137-1	170182	172343	169170	170565	0.95	cps
Beryllium	9-1	81265	82240	82183	81896	0.67	cps
Bismuth	209-1	2732442	2643378	2756871	2710897	2.20	cps
Bismuth	209-2	1292746	1373972	1247352	1304690	4.92	cps
Boron	10-1	1575	1258	1292	1375	12.66	cps
Boron	11-1	6944	6685	6944	6858	2.18	cps
Cadmium	111-1	120121	119833	119745	119900	0.16	cps
Cadmium	106-1	12840	12490	12782	12704	1.48	cps
Cadmium	108-1	7707	7715	7898	7773	1.39	cps
Calcium	43-1	33831	33958	33821	33870	0.23	cps
Calcium	44-1	656095	661655	658425	658725	0.42	cps
Chromium	52-2	107189	105961	105846	106332	0.70	cps
Cobalt	59-2	205931	202005	205203	204380	1.02	cps
Copper	63-2	172921	172331	172516	172589	0.17	cps
Dysprosium	156-1	25	50	8	28	75.51	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	58	42	33	44	28.65	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	42	117	33	64	71.84	cps
Gadolinium	160-2	17	17	7	13	43.29	cps
Holmium	165-1	4669245	4589748	4776516	4678503	2.00	cps
Holmium	165-2	1810872	1933151	1750715	1831579	5.08	cps
Indium	115-1	4535331	4470225	4492244	4499267	0.74	cps
Indium	115-2	382165	407685	367197	385682	5.31	cps
Iron	56-2	761290	752379	760785	758151	0.66	cps
Iron	57-2	18780	18635	18485	18633	0.79	cps
Krypton	83-1	570	627	570	589	5.56	cps
Lead	206-1	468681	476719	476402	473934	0.96	cps
Lead	207-1	406139	415154	414027	411773	1.19	cps
Lead	208-1	1873884	1894007	1898716	1888869	0.70	cps
Lithium	6-1	559458	554486	566995	560313	1.12	cps
Magnesium	24-2	50650	49596	51135	50460	1.56	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:22:32	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33313	32047	32445	32602	1.99	cps
Molybdenum	94-1	367	342	475	394	17.97	cps
Molybdenum	95-1	217	300	250	256	16.41	cps
Molybdenum	96-1	425	342	392	386	10.86	cps
Molybdenum	97-1	250	158	267	225	25.93	cps
Molybdenum	98-1	333	342	283	319	9.88	cps
Neodymium	150-1	33	0	13	16	107.86	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	61525	61207	61385	61372	0.26	cps
Phosphorus	31-2	8	17	25	17	50.01	cps
Potassium	39-2	59066	59828	59343	59413	0.65	cps
Rhodium	103-1	4705059	4611653	4740085	4685599	1.42	cps
Rhodium	103-2	1932146	2125182	1855261	1970863	7.06	cps
Scandium	45-1	3938205	3852279	3953158	3914547	1.39	cps
Scandium	45-2	53575	57959	52354	54630	5.40	cps
Selenium	77-2	190	203	170	188	8.94	cps
Selenium	78-2	756	669	770	732	7.52	cps
Selenium	82-1	17457	17620	17767	17615	0.88	cps
Silicon	28-1	361512	391239	356873	369875	5.04	cps
Silver	109-1	557111	554268	543338	551572	1.32	cps
Silver	107-1	579402	585833	583774	583003	0.56	cps
Sodium	23-2	213907	212833	211995	212912	0.45	cps
Strontium	86-1	4568	4684	4518	4590	1.86	cps
Strontium	88-1	30251	29934	31404	30530	2.53	cps
Sulfur	34-1	543434	543165	544960	543853	0.18	cps
Terbium	159-1	4910839	4833781	4965740	4903453	1.35	cps
Terbium	159-2	1828491	1978859	1727588	1844979	6.85	cps
Thallium	203-1	592211	601941	600818	598323	0.89	cps
Thallium	205-1	1408616	1422650	1435212	1422159	0.94	cps
Tin	118-1	450	275	433	386	25.01	cps
Titanium	47-1	208	217	192	206	6.19	cps
Uranium	238-1	250	267	233	250	6.67	cps
Vanadium	51-2	74795	74359	75619	74924	0.85	cps
Yttrium	89-1	5415366	5281297	5492754	5396472	1.98	cps
Yttrium	89-2	310596	336272	299031	315300	6.05	cps
Zinc	66-2	37508	37334	37417	37419	0.23	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:22:32	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	392	500	483	458	12.73	cps
Zirconium	91-1	267	242	225	244	8.58	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:28:25	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	185	273	253	237	19.37	cps
Antimony	121-1	9654	10188	9521	9787	3.61	cps
Arsenic	75-2	119	128	152	133	12.96	cps
Barium	135-1	9462	9596	9404	9487	1.04	cps
Barium	137-1	15610	16703	16211	16174	3.38	cps
Beryllium	9-1	783	813	810	802	2.05	cps
Bismuth	209-1	2713971	2814285	2748221	2758826	1.85	cps
Bismuth	209-2	1288492	1286663	1275050	1283402	0.57	cps
Boron	10-1	3459	3601	3492	3517	2.11	cps
Boron	11-1	17620	17778	19239	18212	4.90	cps
Cadmium	111-1	2116	1906	2208	2077	7.47	cps
Cadmium	106-1	1500	1475	1583	1520	3.73	cps
Cadmium	108-1	96	104	96	99	4.88	cps
Calcium	43-1	8549	8616	8493	8553	0.72	cps
Calcium	44-1	238800	247367	249874	245347	2.37	cps
Chromium	52-2	4077	3911	4074	4021	2.37	cps
Cobalt	59-2	1947	2024	1997	1989	1.96	cps
Copper	63-2	3577	3671	3517	3588	2.15	cps
Dysprosium	156-1	25	33	17	25	33.32	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	25	0	17	14	91.65	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	50	67	83	67	25.00	cps
Gadolinium	160-2	3	17	10	10	66.70	cps
Holmium	165-1	4649585	4751535	4794506	4731875	1.57	cps
Holmium	165-2	1776517	1812135	1773460	1787371	1.20	cps
Indium	115-1	4486302	4755214	4662362	4634626	2.95	cps
Indium	115-2	380385	377182	378432	378667	0.43	cps
Iron	56-2	42471	42799	43284	42851	0.96	cps
Iron	57-2	1139	1072	1000	1070	6.49	cps
Krypton	83-1	540	650	657	616	10.64	cps
Lead	206-1	2445	2395	2589	2476	4.08	cps
Lead	207-1	2361	2456	2172	2330	6.19	cps
Lead	208-1	10524	10441	10630	10532	0.90	cps
Lithium	6-1	556470	564800	559853	560374	0.75	cps
Magnesium	24-2	20666	19723	20591	20326	2.58	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:28:25	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	470	450	443	454	3.05	cps
Molybdenum	94-1	9554	9929	9645	9709	2.02	cps
Molybdenum	95-1	11038	11764	11422	11408	3.18	cps
Molybdenum	96-1	13382	13591	12898	13290	2.67	cps
Molybdenum	97-1	7444	7477	7327	7416	1.06	cps
Molybdenum	98-1	18447	18196	17996	18213	1.24	cps
Neodymium	150-1	27	0	20	16	89.22	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	723	640	597	653	9.85	cps
Phosphorus	31-2	50	17	58	42	52.91	cps
Potassium	39-2	19564	18980	18496	19014	2.81	cps
Rhodium	103-1	4646030	4919706	4864400	4810045	3.01	cps
Rhodium	103-2	1973813	1976464	1965276	1971851	0.30	cps
Scandium	45-1	3877616	4116600	4064136	4019450	3.12	cps
Scandium	45-2	53849	54415	53321	53862	1.02	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	15	19	15	16	13.35	cps
Selenium	82-1	544	340	293	392	34.03	cps
Silicon	28-1	372602	368127	370720	370483	0.61	cps
Silver	109-1	5285	5218	5151	5218	1.28	cps
Silver	107-1	5902	5276	5460	5546	5.80	cps
Sodium	23-2	63869	64262	64873	64335	0.79	cps
Strontium	86-1	2442	2309	2134	2295	6.74	cps
Strontium	88-1	12890	12106	12206	12401	3.44	cps
Sulfur	34-1	545449	541657	541302	542803	0.42	cps
Terbium	159-1	4936502	5136100	5005906	5026170	2.02	cps
Terbium	159-2	1798419	1826742	1794034	1806399	0.98	cps
Thallium	203-1	2692	2525	2759	2659	4.52	cps
Thallium	205-1	6560	6644	6669	6624	0.86	cps
Tin	118-1	16594	16669	17045	16770	1.44	cps
Titanium	47-1	4318	4334	4076	4243	3.41	cps
Uranium	238-1	7461	7644	7861	7656	2.62	cps
Vanadium	51-2	3844	3864	3674	3794	2.75	cps
Yttrium	89-1	5379413	5649533	5591264	5540070	2.57	cps
Yttrium	89-2	314179	314480	312754	313805	0.29	cps
Zinc	66-2	483	437	450	457	5.26	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:28:25	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8236	7769	7844	7950	3.15	cps
Zirconium	91-1	1809	1692	1842	1781	4.42	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:32:13	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60	35	55	50	26.46	cps
Antimony	121-1	325	333	375	344	7.78	cps
Arsenic	75-2	7	4	4	5	43.39	cps
Barium	135-1	42	58	33	44	28.65	cps
Barium	137-1	75	117	42	78	48.31	cps
Beryllium	9-1	37	47	33	39	17.85	cps
Bismuth	209-1	2577044	2680026	2747059	2668043	3.21	cps
Bismuth	209-2	1344722	1319881	1242171	1302258	4.11	cps
Boron	10-1	817	925	900	881	6.44	cps
Boron	11-1	4318	4251	4192	4254	1.47	cps
Cadmium	111-1	1093	1086	1061	1080	1.54	cps
Cadmium	106-1	1542	1534	1525	1533	0.54	cps
Cadmium	108-1	4	0	21	8	132.26	cps
Calcium	43-1	550	543	467	520	8.91	cps
Calcium	44-1	112449	112872	111955	112425	0.41	cps
Chromium	52-2	2017	1940	1907	1955	2.89	cps
Cobalt	59-2	180	130	113	141	24.58	cps
Copper	63-2	293	293	313	300	3.85	cps
Dysprosium	156-1	42	33	0	25	88.19	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	42	8	19	99.00	cps
Erbium	164-2	7	10	0	6	91.64	cps
Gadolinium	160-1	33	58	67	53	32.88	cps
Gadolinium	160-2	7	20	17	14	48.02	cps
Holmium	165-1	4583436	4588323	4770627	4647462	2.30	cps
Holmium	165-2	1897277	1870268	1727139	1831561	4.99	cps
Indium	115-1	4364976	4439685	4619789	4474816	2.93	cps
Indium	115-2	390786	391149	369526	383820	3.23	cps
Iron	56-2	5701	5718	5818	5746	1.10	cps
Iron	57-2	217	133	172	174	23.95	cps
Krypton	83-1	563	707	530	600	15.65	cps
Lead	206-1	372	378	400	383	3.83	cps
Lead	207-1	300	272	306	293	6.10	cps
Lead	208-1	1461	1450	1495	1469	1.57	cps
Lithium	6-1	529378	545110	564657	546382	3.23	cps
Magnesium	24-2	450	283	267	333	30.41	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 12:32:13 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	93	133	127	118	18.19	cps
Molybdenum	94-1	142	275	192	203	33.22	cps
Molybdenum	95-1	25	42	83	50	60.09	cps
Molybdenum	96-1	100	125	117	114	11.18	cps
Molybdenum	97-1	167	158	117	147	18.20	cps
Molybdenum	98-1	92	150	117	119	24.50	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	107	143	130	127	14.65	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	7819	6969	7219	7336	5.96	cps
Rhodium	103-1	4556018	4695739	4848387	4700048	3.11	cps
Rhodium	103-2	2062181	1994628	1922276	1993028	3.51	cps
Scandium	45-1	3761689	3834055	3957995	3851246	2.58	cps
Scandium	45-2	55934	55613	51882	54477	4.13	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	12	-170	45	-37	-308.86	cps
Silicon	28-1	342273	370069	340869	351070	4.69	cps
Silver	109-1	92	92	75	86	11.18	cps
Silver	107-1	67	75	83	75	11.11	cps
Sodium	23-2	19297	18930	18079	18769	3.33	cps
Strontium	86-1	942	983	725	883	15.70	cps
Strontium	88-1	75	117	117	103	23.41	cps
Sulfur	34-1	545325	546943	544819	545696	0.20	cps
Terbium	159-1	4772561	4842803	5010615	4875326	2.51	cps
Terbium	159-2	1885512	1865167	1782330	1844336	2.96	cps
Thallium	203-1	42	58	75	58	28.57	cps
Thallium	205-1	133	167	142	147	11.79	cps
Tin	118-1	258	459	267	328	34.55	cps
Titanium	47-1	208	208	242	219	8.77	cps
Uranium	238-1	17	33	33	28	34.63	cps
Vanadium	51-2	17	27	17	20	28.86	cps
Yttrium	89-1	5138003	5265081	5432270	5278451	2.80	cps
Yttrium	89-2	322715	318731	302229	314558	3.45	cps
Zinc	66-2	147	150	160	152	4.56	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:32:13	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	358	508	425	431	17.46	cps
Zirconium	91-1	75	100	92	89	14.33	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 12:35:38 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	780002	775438	760108	771849	1.35	cps
Antimony	121-1	5710	5860	5693	5754	1.60	cps
Arsenic	75-2	50	37	48	45	15.56	cps
Barium	135-1	1500	1308	1642	1483	11.28	cps
Barium	137-1	2559	2200	2342	2367	7.63	cps
Beryllium	9-1	237	210	233	227	6.41	cps
Bismuth	209-1	2623865	2562413	2470223	2552167	3.03	cps
Bismuth	209-2	1160840	1171547	1170042	1167476	0.50	cps
Boron	10-1	875	792	842	836	5.02	cps
Boron	11-1	4026	4268	4176	4156	2.94	cps
Cadmium	111-1	1538	1303	1213	1352	12.40	cps
Cadmium	106-1	1408	1325	1300	1345	4.22	cps
Cadmium	108-1	771	863	817	817	5.61	cps
Calcium	43-1	1557606	1558825	1589019	1568483	1.13	cps
Calcium	44-1	24585095	24516717	24701211	24601008	0.38	cps
Chromium	52-2	20706	21246	20362	20771	2.15	cps
Cobalt	59-2	2184	2340	2084	2202	5.87	cps
Copper	63-2	13340	12973	12940	13084	1.70	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	50	50	33	44	21.64	cps
Erbium	164-2	10	10	13	11	17.30	cps
Gadolinium	160-1	100	58	58	72	33.31	cps
Gadolinium	160-2	20	27	10	19	44.42	cps
Holmium	165-1	4722947	4588579	4462595	4591374	2.84	cps
Holmium	165-2	1716845	1708780	1711661	1712429	0.24	cps
Indium	115-1	4397127	4405482	4198043	4333551	2.71	cps
Indium	115-2	350285	353332	358658	354092	1.20	cps
Iron	56-2	66311565	66495717	65196174	66001152	1.07	cps
Iron	57-2	1709062	1729418	1670157	1702879	1.77	cps
Krypton	83-1	577	650	623	617	6.02	cps
Lead	206-1	11077	10516	10627	10740	2.77	cps
Lead	207-1	8759	8909	8536	8735	2.15	cps
Lead	208-1	41895	39636	40142	40558	2.92	cps
Lithium	6-1	504356	488182	459686	484075	4.67	cps
Magnesium	24-2	3697981	3651780	3603152	3650971	1.30	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 12:35:38 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2477	2357	2490	2441	3.01	cps
Molybdenum	94-1	2565584	2514384	2550960	2543643	1.04	cps
Molybdenum	95-1	4441098	4330852	4413733	4395228	1.31	cps
Molybdenum	96-1	4736648	4653170	4697550	4695789	0.89	cps
Molybdenum	97-1	2724152	2687872	2755130	2722385	1.24	cps
Molybdenum	98-1	6913279	6894035	6908503	6905273	0.15	cps
Neodymium	150-1	33	27	27	29	13.33	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	3180	3080	2984	3082	3.19	cps
Phosphorus	31-2	66825	65645	66675	66381	0.97	cps
Potassium	39-2	2355247	2324949	2350375	2343523	0.69	cps
Rhodium	103-1	4485231	4446247	4272117	4401198	2.58	cps
Rhodium	103-2	1804895	1819446	1878532	1834291	2.13	cps
Scandium	45-1	3888406	3821491	3713715	3807871	2.31	cps
Scandium	45-2	51775	50364	51802	51313	1.60	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	21	-98	-36	-38	-158.07	cps
Silicon	28-1	427302	417697	415442	420147	1.50	cps
Silver	109-1	2717	2550	2359	2542	7.06	cps
Silver	107-1	2484	2725	2975	2728	9.01	cps
Sodium	23-2	8490556	8462980	8300030	8417855	1.22	cps
Strontium	86-1	50051	49298	48429	49260	1.65	cps
Strontium	88-1	421056	412932	412877	415622	1.13	cps
Sulfur	34-1	2274979	2271360	2267901	2271414	0.16	cps
Terbium	159-1	4960082	4775472	4709455	4815003	2.70	cps
Terbium	159-2	1721545	1717682	1744958	1728062	0.85	cps
Thallium	203-1	417	542	525	494	13.73	cps
Thallium	205-1	1650	1358	1192	1400	16.57	cps
Tin	118-1	783	775	817	792	2.78	cps
Titanium	47-1	1548565	1530708	1531493	1536922	0.66	cps
Uranium	238-1	150	158	100	136	23.18	cps
Vanadium	51-2	117	117	110	114	3.36	cps
Yttrium	89-1	5294246	5301975	5089052	5228424	2.31	cps
Yttrium	89-2	297926	297184	301192	298767	0.71	cps
Zinc	66-2	2284	2277	2304	2288	0.61	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:35:38	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	600	425	417	481	21.54	cps
Zirconium	91-1	75	167	108	117	39.77	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:44:23	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	761834	761692	749181	757569	0.96	cps
Antimony	121-1	100048	99562	99335	99648	0.37	cps
Arsenic	75-2	2402	2400	2306	2369	2.32	cps
Barium	135-1	19699	19774	20725	20066	2.85	cps
Barium	137-1	35875	35139	34630	35215	1.78	cps
Beryllium	9-1	12893	13036	12883	12937	0.66	cps
Bismuth	209-1	2581656	2484919	2496862	2521146	2.09	cps
Bismuth	209-2	1132529	1108715	1103745	1114996	1.38	cps
Boron	10-1	7577	7386	7227	7397	2.37	cps
Boron	11-1	36272	36673	36004	36317	0.93	cps
Cadmium	111-1	23620	22731	23156	23169	1.92	cps
Cadmium	106-1	3367	3301	3026	3231	5.61	cps
Cadmium	108-1	2063	2313	2188	2188	5.71	cps
Calcium	43-1	1576339	1540663	1543055	1553353	1.28	cps
Calcium	44-1	24536474	24262847	24470479	24423267	0.58	cps
Chromium	52-2	39422	39466	39208	39365	0.35	cps
Cobalt	59-2	39068	39717	39804	39530	1.02	cps
Copper	63-2	44551	44240	43963	44252	0.67	cps
Dysprosium	156-1	25	8	33	22	57.29	cps
Dysprosium	156-2	13	7	13	11	34.61	cps
Erbium	164-1	50	17	33	33	50.00	cps
Erbium	164-2	13	3	7	8	65.47	cps
Gadolinium	160-1	33	75	42	50	44.10	cps
Gadolinium	160-2	10	13	13	12	15.73	cps
Holmium	165-1	4581944	4496904	4509273	4529374	1.01	cps
Holmium	165-2	1638158	1625841	1598963	1620988	1.24	cps
Indium	115-1	4269119	4216009	4285833	4256987	0.86	cps
Indium	115-2	338934	342094	334312	338447	1.16	cps
Iron	56-2	65758558	66211293	65421332	65797061	0.60	cps
Iron	57-2	1707052	1682634	1684991	1691559	0.80	cps
Krypton	83-1	537	560	663	587	11.49	cps
Lead	206-1	54133	53318	54105	53852	0.86	cps
Lead	207-1	47188	46006	45566	46253	1.81	cps
Lead	208-1	215042	212391	211527	212986	0.86	cps
Lithium	6-1	403297	397292	392914	397835	1.31	cps
Magnesium	24-2	3617402	3643523	3562830	3607918	1.14	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:44:23	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8389	8323	8032	8248	2.30	cps
Molybdenum	94-1	2633531	2611371	2635941	2626948	0.52	cps
Molybdenum	95-1	4618790	4667124	4588331	4624748	0.86	cps
Molybdenum	96-1	4978312	4893961	4898400	4923558	0.96	cps
Molybdenum	97-1	2852171	2821890	2837200	2837087	0.53	cps
Molybdenum	98-1	7183472	7237518	7225644	7215545	0.39	cps
Neodymium	150-1	27	33	7	22	62.43	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	13857	13620	13887	13788	1.06	cps
Phosphorus	31-2	65854	65711	66324	65963	0.49	cps
Potassium	39-2	2328143	2328914	2296302	2317786	0.80	cps
Rhodium	103-1	4345265	4314602	4357054	4338974	0.51	cps
Rhodium	103-2	1792261	1781132	1746199	1773197	1.36	cps
Scandium	45-1	3713066	3673902	3676446	3687805	0.59	cps
Scandium	45-2	50216	50347	49601	50055	0.80	cps
Selenium	77-2	23	3	17	14	70.51	cps
Selenium	78-2	70	76	61	69	10.83	cps
Selenium	82-1	1671	1682	1507	1620	6.04	cps
Silicon	28-1	588592	580015	583642	584083	0.74	cps
Silver	109-1	100206	98578	99030	99271	0.85	cps
Silver	107-1	104604	106259	105225	105363	0.79	cps
Sodium	23-2	8443742	8411157	8371577	8408825	0.43	cps
Strontium	86-1	49039	50193	51690	50308	2.64	cps
Strontium	88-1	423252	427984	421790	424342	0.76	cps
Sulfur	34-1	2200388	2164542	2160885	2175272	1.00	cps
Terbium	159-1	4836626	4764852	4700290	4767256	1.43	cps
Terbium	159-2	1667670	1664879	1610206	1647585	1.97	cps
Thallium	203-1	53832	52627	54024	53494	1.42	cps
Thallium	205-1	131114	129142	128201	129486	1.15	cps
Tin	118-1	206987	207275	207807	207356	0.20	cps
Titanium	47-1	1564808	1534086	1568459	1555784	1.21	cps
Uranium	238-1	192	192	83	156	40.21	cps
Vanadium	51-2	13887	13670	13724	13760	0.82	cps
Yttrium	89-1	5234662	5191113	5260954	5228910	0.67	cps
Yttrium	89-2	286388	284302	283852	284847	0.48	cps
Zinc	66-2	5928	5518	5488	5645	4.36	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:44:23	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	650	733	533	639	15.72	cps
Zirconium	91-1	183	117	150	150	22.22	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:47:42	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	471527	475454	478413	475131	0.73	cps
Antimony	121-1	2570323	2547254	2544853	2554143	0.55	cps
Arsenic	75-2	64061	64844	63601	64168	0.98	cps
Barium	135-1	2496188	2462931	2483491	2480870	0.68	cps
Barium	137-1	4313106	4260324	4301112	4291514	0.64	cps
Beryllium	9-1	351561	349756	357543	352954	1.15	cps
Bismuth	209-1	2580148	2606518	2547009	2577892	1.16	cps
Bismuth	209-2	1189196	1175760	1158873	1174610	1.29	cps
Boron	10-1	49512	52012	50623	50716	2.47	cps
Boron	11-1	254933	254008	260589	256510	1.39	cps
Cadmium	111-1	578828	574227	579378	577477	0.49	cps
Cadmium	106-1	63207	64069	62731	63336	1.07	cps
Cadmium	108-1	41920	41740	42120	41926	0.45	cps
Calcium	43-1	4010925	4022634	4032088	4021882	0.26	cps
Calcium	44-1	63421439	64014647	63402347	63612811	0.55	cps
Chromium	52-2	523517	520207	518697	520807	0.47	cps
Cobalt	59-2	970546	974743	973951	973080	0.23	cps
Copper	63-2	1599233	1592728	1589324	1593762	0.32	cps
Dysprosium	156-1	50	108	75	78	37.63	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	25	17	42	28	45.82	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	50	83	42	58	37.80	cps
Gadolinium	160-2	17	17	10	14	26.66	cps
Holmium	165-1	4655084	4627064	4640968	4641039	0.30	cps
Holmium	165-2	1783007	1752081	1709348	1748145	2.12	cps
Indium	115-1	4314387	4394810	4271777	4326991	1.44	cps
Indium	115-2	357610	344687	345468	349255	2.07	cps
Iron	56-2	88185441	88182480	87768510	88045477	0.27	cps
Iron	57-2	2270511	2280228	2292437	2281059	0.48	cps
Krypton	83-1	550	620	550	573	7.05	cps
Lead	206-1	1133228	1119145	1131875	1128082	0.69	cps
Lead	207-1	1035829	1018191	1030803	1028275	0.88	cps
Lead	208-1	4735313	4662372	4696160	4697949	0.78	cps
Lithium	6-1	425337	433571	420114	426341	1.59	cps
Magnesium	24-2	9636351	9676177	9618608	9643712	0.31	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:47:42	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	318344	314581	318201	317042	0.67	cps
Molybdenum	94-1	4974840	4941536	4950420	4955599	0.35	cps
Molybdenum	95-1	6124044	6006739	6070398	6067060	0.97	cps
Molybdenum	96-1	6808989	6748118	6683271	6746793	0.93	cps
Molybdenum	97-1	3780505	3723305	3727921	3743911	0.85	cps
Molybdenum	98-1	9523071	9471891	9472154	9489039	0.31	cps
Neodymium	150-1	113	160	167	147	19.81	cps
Neodymium	150-2	7	7	13	9	43.25	cps
Nickel	60-2	288842	288005	287366	288071	0.26	cps
Phosphorus	31-2	7019	7836	7277	7377	5.66	cps
Potassium	39-2	3063294	3061464	3123190	3082649	1.14	cps
Rhodium	103-1	4378951	4422435	4266361	4355916	1.85	cps
Rhodium	103-2	1855812	1808988	1800758	1821853	1.63	cps
Scandium	45-1	3742816	3795488	3695249	3744518	1.34	cps
Scandium	45-2	53244	52448	50959	52217	2.22	cps
Selenium	77-2	460	420	490	457	7.69	cps
Selenium	78-2	1741	1693	1613	1682	3.84	cps
Selenium	82-1	43876	42983	43482	43447	1.03	cps
Silicon	28-1	1984586	1984852	2029321	1999586	1.29	cps
Silver	109-1	2653433	2688023	2703173	2681543	0.95	cps
Silver	107-1	2882218	2815405	2874631	2857418	1.28	cps
Sodium	23-2	22286700	22337820	22501984	22375501	0.50	cps
Strontium	86-1	778012	764212	777727	773317	1.02	cps
Strontium	88-1	6557961	6562963	6488245	6536390	0.64	cps
Sulfur	34-1	680888	700411	707349	696216	1.97	cps
Terbium	159-1	4859908	4932995	4779641	4857515	1.58	cps
Terbium	159-2	1779242	1760441	1721665	1753783	1.67	cps
Thallium	203-1	1414439	1404009	1423712	1414053	0.70	cps
Thallium	205-1	3444338	3428500	3469483	3447440	0.60	cps
Tin	118-1	1788816	1731152	1760471	1760146	1.64	cps
Titanium	47-1	2005370	2002268	2005696	2004445	0.09	cps
Uranium	238-1	4368441	4368283	4341487	4359404	0.36	cps
Vanadium	51-2	379888	377275	374337	377167	0.74	cps
Yttrium	89-1	5273468	5358817	5175160	5269148	1.74	cps
Yttrium	89-2	304492	301364	295191	300349	1.58	cps
Zinc	66-2	175477	174691	175147	175105	0.23	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:47:42	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4207268	4146207	4165693	4173056	0.75	cps
Zirconium	91-1	924772	913346	911680	916599	0.78	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:56:29	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70	60	45	58	21.57	cps
Antimony	121-1	575	775	858	736	19.78	cps
Arsenic	75-2	7	9	7	8	13.31	cps
Barium	135-1	50	50	17	39	49.48	cps
Barium	137-1	75	100	83	86	14.79	cps
Beryllium	9-1	30	40	37	36	14.32	cps
Bismuth	209-1	2707000	2710214	2714802	2710672	0.14	cps
Bismuth	209-2	1211914	1207308	1214313	1211178	0.29	cps
Boron	10-1	717	567	658	647	11.68	cps
Boron	11-1	3992	3617	3567	3726	6.24	cps
Cadmium	111-1	1117	1051	968	1045	7.15	cps
Cadmium	106-1	1550	1492	1392	1478	5.42	cps
Cadmium	108-1	8	8	33	17	86.62	cps
Calcium	43-1	483	530	450	488	8.24	cps
Calcium	44-1	116978	115987	116437	116467	0.43	cps
Chromium	52-2	1947	1810	1873	1877	3.64	cps
Cobalt	59-2	120	97	113	110	10.92	cps
Copper	63-2	333	323	297	318	5.96	cps
Dysprosium	156-1	17	33	0	17	99.99	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	33	17	25	25	33.32	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	17	25	25	22	21.64	cps
Gadolinium	160-2	10	10	20	13	43.30	cps
Holmium	165-1	4711213	4661507	4619828	4664183	0.98	cps
Holmium	165-2	1686634	1666919	1693836	1682463	0.83	cps
Indium	115-1	4498592	4499940	4497062	4498531	0.03	cps
Indium	115-2	360984	355896	352323	356401	1.22	cps
Iron	56-2	5674	5735	5257	5555	4.68	cps
Iron	57-2	139	167	144	150	9.80	cps
Krypton	83-1	640	630	610	627	2.44	cps
Lead	206-1	506	439	456	467	7.43	cps
Lead	207-1	461	450	417	443	5.23	cps
Lead	208-1	2022	1972	1989	1995	1.28	cps
Lithium	6-1	458372	454874	460792	458012	0.65	cps
Magnesium	24-2	375	350	408	378	7.75	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:56:29	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	103	160	143	136	21.48	cps
Molybdenum	94-1	317	350	300	322	7.90	cps
Molybdenum	95-1	158	233	317	236	33.55	cps
Molybdenum	96-1	250	300	317	289	12.01	cps
Molybdenum	97-1	333	267	242	281	16.89	cps
Molybdenum	98-1	200	333	467	333	40.00	cps
Neodymium	150-1	7	27	13	16	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	153	117	107	126	19.57	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	7419	7777	6877	7358	6.16	cps
Rhodium	103-1	4626942	4670863	4677258	4658354	0.59	cps
Rhodium	103-2	1916260	1865644	1874443	1885449	1.43	cps
Scandium	45-1	3728322	3767157	3801623	3765701	0.97	cps
Scandium	45-2	51792	50624	50203	50873	1.62	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	4	0	4	2	86.60	cps
Selenium	82-1	-65	-68	-78	-70	-9.72	cps
Silicon	28-1	292371	290630	291721	291574	0.30	cps
Silver	109-1	150	225	183	186	20.19	cps
Silver	107-1	242	275	175	231	22.08	cps
Sodium	23-2	21083	21058	21225	21122	0.43	cps
Strontium	86-1	800	975	1067	947	14.30	cps
Strontium	88-1	100	50	92	81	33.25	cps
Sulfur	34-1	487721	484881	487117	486573	0.31	cps
Terbium	159-1	4912405	4894836	4915956	4907732	0.23	cps
Terbium	159-2	1737768	1683006	1703585	1708120	1.62	cps
Thallium	203-1	333	342	425	367	13.82	cps
Thallium	205-1	817	675	892	795	13.85	cps
Tin	118-1	300	300	450	350	24.74	cps
Titanium	47-1	158	167	175	167	5.00	cps
Uranium	238-1	50	25	25	33	43.30	cps
Vanadium	51-2	23	20	17	20	16.65	cps
Yttrium	89-1	5276846	5294084	5324655	5298528	0.46	cps
Yttrium	89-2	297514	291403	290684	293200	1.28	cps
Zinc	66-2	140	200	127	156	25.11	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:56:29	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	425	375	458	419	10.00	cps
Zirconium	91-1	117	108	100	108	7.69	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:59:54	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	223	210	233	222	5.08	cps
Antimony	121-1	9062	8837	8745	8881	1.84	cps
Arsenic	75-2	111	148	91	117	24.95	cps
Barium	135-1	8745	8937	9012	8898	1.55	cps
Barium	137-1	14776	15677	15334	15262	2.98	cps
Beryllium	9-1	763	753	577	698	15.05	cps
Bismuth	209-1	2483075	2571274	2521948	2525432	1.75	cps
Bismuth	209-2	1141808	1164377	1191887	1166024	2.15	cps
Boron	10-1	2675	2442	2742	2620	6.01	cps
Boron	11-1	14066	14708	14316	14363	2.25	cps
Cadmium	111-1	2051	1905	1911	1955	4.22	cps
Cadmium	106-1	1358	1408	1408	1392	2.07	cps
Cadmium	108-1	54	104	54	71	40.75	cps
Calcium	43-1	7536	7589	7202	7442	2.82	cps
Calcium	44-1	227192	229673	226832	227899	0.68	cps
Chromium	52-2	3551	3881	3824	3752	4.70	cps
Cobalt	59-2	2080	2004	1863	1982	5.54	cps
Copper	63-2	3470	3410	3447	3443	0.88	cps
Dysprosium	156-1	42	25	8	25	66.68	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	8	33	17	86.62	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	75	42	50	56	31.22	cps
Gadolinium	160-2	3	10	10	8	49.52	cps
Holmium	165-1	4265440	4419067	4301810	4328772	1.85	cps
Holmium	165-2	1595535	1592483	1674807	1620942	2.88	cps
Indium	115-1	4110278	4312225	4161407	4194637	2.50	cps
Indium	115-2	335860	341076	347443	341460	1.70	cps
Iron	56-2	40404	39089	40220	39904	1.78	cps
Iron	57-2	1150	1050	939	1046	10.09	cps
Krypton	83-1	607	703	520	610	15.03	cps
Lead	206-1	2589	2300	2189	2360	8.75	cps
Lead	207-1	2067	2256	2239	2187	4.78	cps
Lead	208-1	9746	9541	9246	9511	2.64	cps
Lithium	6-1	414176	435079	423807	424354	2.47	cps
Magnesium	24-2	19088	18204	19022	18771	2.62	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:59:54	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	393	430	447	423	6.44	cps
Molybdenum	94-1	8486	9245	9078	8937	4.46	cps
Molybdenum	95-1	10621	10955	10254	10610	3.30	cps
Molybdenum	96-1	11822	12031	12139	11998	1.34	cps
Molybdenum	97-1	7086	6735	6594	6805	3.72	cps
Molybdenum	98-1	16619	17846	17162	17209	3.57	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	613	607	667	629	5.23	cps
Phosphorus	31-2	67	25	42	44	47.19	cps
Potassium	39-2	18972	18104	18045	18374	2.82	cps
Rhodium	103-1	4213375	4349745	4253050	4272057	1.64	cps
Rhodium	103-2	1798540	1796510	1812866	1802638	0.49	cps
Scandium	45-1	3414660	3575809	3435151	3475207	2.52	cps
Scandium	45-2	48928	48096	50691	49238	2.69	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	19	19	19	19	0.00	cps
Selenium	82-1	372	265	397	345	20.46	cps
Silicon	28-1	321290	324552	327311	324384	0.93	cps
Silver	109-1	4885	5226	5018	5043	3.42	cps
Silver	107-1	5360	5110	5601	5357	4.59	cps
Sodium	23-2	59743	62739	62061	61514	2.55	cps
Strontium	86-1	2325	2184	2025	2178	6.89	cps
Strontium	88-1	10972	11288	11180	11147	1.45	cps
Sulfur	34-1	485454	486123	489915	487164	0.49	cps
Terbium	159-1	4456655	4634823	4568022	4553167	1.98	cps
Terbium	159-2	1612635	1628662	1674979	1638759	1.98	cps
Thallium	203-1	2567	2725	3034	2775	8.55	cps
Thallium	205-1	6844	6669	6410	6641	3.28	cps
Tin	118-1	16035	15652	15151	15613	2.84	cps
Titanium	47-1	3676	3967	3926	3856	4.09	cps
Uranium	238-1	7102	7619	7236	7319	3.67	cps
Vanadium	51-2	3444	3627	3531	3534	2.60	cps
Yttrium	89-1	4805063	5033221	4932040	4923441	2.32	cps
Yttrium	89-2	276749	281817	285304	281290	1.53	cps
Zinc	66-2	437	487	490	471	6.34	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 12:59:54	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7427	7486	7111	7341	2.75	cps
Zirconium	91-1	1542	1784	1542	1622	8.60	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : PB115756BL Instrumnet Name : P8
 Client Sample ID : PB115756BL Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 13:04:37 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	70	53	68	22.05	cps
Antimony	121-1	183	133	225	181	25.42	cps
Arsenic	75-2	4	9	7	7	41.70	cps
Barium	135-1	50	75	50	58	24.74	cps
Barium	137-1	67	142	67	92	47.24	cps
Beryllium	9-1	57	40	37	44	24.11	cps
Bismuth	209-1	2709313	2670826	2679289	2686476	0.75	cps
Bismuth	209-2	1220631	1210705	1212636	1214657	0.43	cps
Boron	10-1	383	417	467	422	9.93	cps
Boron	11-1	2242	2225	2434	2300	5.03	cps
Cadmium	111-1	1084	847	1016	982	12.44	cps
Cadmium	106-1	1542	1192	1442	1392	12.95	cps
Cadmium	108-1	17	0	21	13	88.19	cps
Calcium	43-1	453	527	410	463	12.73	cps
Calcium	44-1	112469	112304	111968	112247	0.23	cps
Chromium	52-2	1977	1817	1917	1903	4.25	cps
Cobalt	59-2	130	167	123	140	16.67	cps
Copper	63-2	333	257	283	291	13.37	cps
Dysprosium	156-1	0	33	17	17	99.99	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	33	8	17	86.62	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-1	33	33	33	33	0.02	cps
Gadolinium	160-2	13	7	10	10	33.30	cps
Holmium	165-1	4707417	4611390	4678840	4665882	1.06	cps
Holmium	165-2	1740676	1685804	1702971	1709817	1.64	cps
Indium	115-1	4545701	4422718	4434157	4467525	1.52	cps
Indium	115-2	360034	357651	356777	358154	0.47	cps
Iron	56-2	5662	5346	5657	5555	3.26	cps
Iron	57-2	133	111	183	143	25.94	cps
Krypton	83-1	603	577	567	582	3.26	cps
Lead	206-1	300	289	328	306	6.56	cps
Lead	207-1	256	294	261	270	7.78	cps
Lead	208-1	1261	1356	1417	1345	5.83	cps
Lithium	6-1	457489	451532	444471	451164	1.44	cps
Magnesium	24-2	358	400	467	408	13.38	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	PB115756BL	Instrumnet Name :	P8
Client Sample ID :	PB115756BL	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:04:37	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	157	170	147	158	7.42	cps
Molybdenum	94-1	217	158	242	206	20.80	cps
Molybdenum	95-1	58	58	142	86	55.87	cps
Molybdenum	96-1	75	133	125	111	28.40	cps
Molybdenum	97-1	108	133	125	122	10.41	cps
Molybdenum	98-1	83	100	75	86	14.79	cps
Neodymium	150-1	7	7	27	13	86.58	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	130	127	150	136	9.31	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	7552	6802	7102	7152	5.28	cps
Rhodium	103-1	4783198	4610302	4616579	4670026	2.10	cps
Rhodium	103-2	1902074	1895878	1911889	1903280	0.42	cps
Scandium	45-1	3817606	3729533	3712625	3753255	1.50	cps
Scandium	45-2	51103	51591	50852	51182	0.73	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-37	-45	10	-24	-123.64	cps
Silicon	28-1	293271	291836	284386	289831	1.65	cps
Silver	109-1	108	75	133	106	27.73	cps
Silver	107-1	50	117	133	100	44.10	cps
Sodium	23-2	18755	18604	19072	18810	1.27	cps
Strontium	86-1	1017	958	858	945	8.48	cps
Strontium	88-1	83	33	42	53	50.76	cps
Sulfur	34-1	492223	489467	482376	488022	1.04	cps
Terbium	159-1	4975963	4815187	4906096	4899082	1.65	cps
Terbium	159-2	1707762	1702899	1701619	1704093	0.19	cps
Thallium	203-1	233	250	150	211	25.38	cps
Thallium	205-1	467	567	533	522	9.75	cps
Tin	118-1	325	225	208	253	24.96	cps
Titanium	47-1	200	283	158	214	29.76	cps
Uranium	238-1	58	8	42	36	70.51	cps
Vanadium	51-2	20	7	20	16	49.47	cps
Yttrium	89-1	5332718	5254429	5302126	5296424	0.74	cps
Yttrium	89-2	296644	297470	294239	296117	0.57	cps
Zinc	66-2	130	107	97	111	15.39	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	PB115756BL	Instrumnet Name :	P8
Client Sample ID :	PB115756BL	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:04:37	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	375	408	408	397	4.85	cps
Zirconium	91-1	58	83	50	64	27.15	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : PB115756BS Instrumnet Name : P8
 Client Sample ID : PB115756BS Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 13:08:02 DataFile Name : 022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90230	90419	89868	90172	0.31	cps
Antimony	121-1	2606598	2614385	2617229	2612737	0.21	cps
Arsenic	75-2	64042	63796	63938	63925	0.19	cps
Barium	135-1	2525771	2527114	2560070	2537652	0.77	cps
Barium	137-1	4356024	4417147	4444030	4405734	1.02	cps
Beryllium	9-1	375385	377668	372894	375316	0.64	cps
Bismuth	209-1	2825732	2857524	2830789	2838015	0.60	cps
Bismuth	209-2	1246889	1275301	1255858	1259349	1.15	cps
Boron	10-1	52288	51920	52054	52087	0.36	cps
Boron	11-1	258560	265700	269048	264436	2.03	cps
Cadmium	111-1	603661	601766	607498	604308	0.48	cps
Cadmium	106-1	64824	65519	65167	65170	0.53	cps
Cadmium	108-1	43261	43295	43136	43231	0.19	cps
Calcium	43-1	815596	821836	829239	822224	0.83	cps
Calcium	44-1	13271592	13105429	13096724	13157915	0.75	cps
Chromium	52-2	512584	519386	512465	514812	0.77	cps
Cobalt	59-2	981579	981760	978487	980608	0.19	cps
Copper	63-2	1669736	1678478	1664585	1670933	0.42	cps
Dysprosium	156-1	50	33	25	36	35.25	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	58	25	17	33	66.14	cps
Erbium	164-2	3	3	13	7	86.65	cps
Gadolinium	160-1	58	67	67	64	7.53	cps
Gadolinium	160-2	13	7	27	16	65.47	cps
Holmium	165-1	4900931	4965554	4895543	4920676	0.79	cps
Holmium	165-2	1764629	1802348	1799916	1788964	1.18	cps
Indium	115-1	4601927	4573817	4558899	4578214	0.48	cps
Indium	115-2	357464	361005	361895	360122	0.65	cps
Iron	56-2	17714491	17810167	17769337	17764665	0.27	cps
Iron	57-2	443127	444365	445172	444221	0.23	cps
Krypton	83-1	667	587	620	624	6.44	cps
Lead	206-1	1208817	1209412	1205504	1207911	0.17	cps
Lead	207-1	1081699	1091192	1096173	1089688	0.67	cps
Lead	208-1	5002496	5023284	5027733	5017838	0.27	cps
Lithium	6-1	478053	478192	489813	482019	1.40	cps
Magnesium	24-2	2136929	2140382	2128974	2135428	0.27	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	PB115756BS	Instrumnet Name :	P8
Client Sample ID :	PB115756BS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:08:02	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	317440	319823	318804	318689	0.38	cps
Molybdenum	94-1	4958490	4966482	4942101	4955691	0.25	cps
Molybdenum	95-1	6037378	6052793	6038493	6042888	0.14	cps
Molybdenum	96-1	6688563	6666218	6714686	6689822	0.36	cps
Molybdenum	97-1	3734646	3781222	3785032	3766966	0.74	cps
Molybdenum	98-1	9505503	9511015	9530451	9515656	0.14	cps
Neodymium	150-1	173	180	113	156	23.60	cps
Neodymium	150-2	13	0	3	6	124.93	cps
Nickel	60-2	291459	288802	289252	289838	0.49	cps
Phosphorus	31-2	7361	7594	6969	7308	4.32	cps
Potassium	39-2	615411	617710	613503	615541	0.34	cps
Rhodium	103-1	4616100	4658840	4639306	4638082	0.46	cps
Rhodium	103-2	1895428	1927826	1916045	1913100	0.86	cps
Scandium	45-1	3847399	3844664	3870131	3854064	0.36	cps
Scandium	45-2	52434	53445	52792	52890	0.97	cps
Selenium	77-2	567	613	467	549	13.65	cps
Selenium	78-2	1682	1683	1735	1700	1.79	cps
Selenium	82-1	43780	43793	44062	43878	0.36	cps
Silicon	28-1	2013642	2073468	2132293	2073134	2.86	cps
Silver	109-1	2824476	2816466	2851301	2830748	0.64	cps
Silver	107-1	2980355	2992672	2976944	2983324	0.28	cps
Sodium	23-2	4637806	4637420	4608053	4627760	0.37	cps
Strontium	86-1	766940	772071	771307	770106	0.36	cps
Strontium	88-1	6515974	6633650	6514165	6554596	1.04	cps
Sulfur	34-1	733290	740551	738832	737558	0.51	cps
Terbium	159-1	5161312	5105539	5100389	5122413	0.66	cps
Terbium	159-2	1776182	1815632	1779756	1790523	1.22	cps
Thallium	203-1	1507983	1504164	1492796	1501647	0.53	cps
Thallium	205-1	3655889	3639817	3698745	3664817	0.83	cps
Tin	118-1	1802677	1804488	1826252	1811139	0.72	cps
Titanium	47-1	1987437	1993963	2008695	1996698	0.55	cps
Uranium	238-1	4542472	4533736	4528266	4534825	0.16	cps
Vanadium	51-2	368430	371850	373798	371360	0.73	cps
Yttrium	89-1	5460757	5500482	5478541	5479927	0.36	cps
Yttrium	89-2	299436	306403	301524	302454	1.18	cps
Zinc	66-2	179704	177361	180629	179232	0.94	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	PB115756BS	Instrumnet Name :	P8
Client Sample ID :	PB115756BS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:08:02	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4217051	4145405	4187322	4183259	0.86	cps
Zirconium	91-1	912371	914030	912707	913036	0.10	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-01	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0006-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:23:07	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1006899	997177	988967	997681	0.90	cps
Antimony	121-1	11005	10621	11906	11177	5.90	cps
Arsenic	75-2	3778	3680	3706	3722	1.37	cps
Barium	135-1	4485365	4513649	4472518	4490510	0.47	cps
Barium	137-1	7779911	7782191	7712661	7758254	0.51	cps
Beryllium	9-1	6438	6148	5971	6186	3.81	cps
Bismuth	209-1	2615882	2431947	2465871	2504567	3.91	cps
Bismuth	209-2	1050734	1090002	1128401	1089712	3.56	cps
Boron	10-1	2934	2584	2642	2720	6.90	cps
Boron	11-1	14475	13824	13223	13841	4.52	cps
Cadmium	111-1	9404	9402	9176	9327	1.40	cps
Cadmium	106-1	3176	3151	3292	3206	2.36	cps
Cadmium	108-1	692	800	746	746	7.26	cps
Calcium	43-1	1692966	1745265	1716405	1718212	1.52	cps
Calcium	44-1	26849256	27007595	26927653	26928168	0.29	cps
Chromium	52-2	113929	113512	112024	113155	0.89	cps
Cobalt	59-2	87446	87751	86161	87119	0.97	cps
Copper	63-2	554250	546109	540601	546987	1.26	cps
Dysprosium	156-1	97253	96782	99101	97712	1.25	cps
Dysprosium	156-2	38333	37694	37915	37981	0.85	cps
Erbium	164-1	87143	89054	87838	88012	1.10	cps
Erbium	164-2	30265	30072	30396	30244	0.54	cps
Gadolinium	160-1	97078	98722	97152	97650	0.95	cps
Gadolinium	160-2	45258	45590	46001	45616	0.82	cps
Holmium	165-1	4626429	4367068	4384456	4459318	3.25	cps
Holmium	165-2	1534484	1601849	1645506	1593946	3.51	cps
Indium	115-1	4331539	4029242	4125540	4162107	3.71	cps
Indium	115-2	318088	333011	346558	332552	4.28	cps
Iron	56-2	83796049	84104396	83717780	83872742	0.24	cps
Iron	57-2	2163487	2144986	2165305	2157926	0.52	cps
Krypton	83-1	807	790	807	801	1.20	cps
Lead	206-1	1180898	1172027	1156022	1169649	1.08	cps
Lead	207-1	994387	991828	976731	987648	0.97	cps
Lead	208-1	4728623	4694269	4665045	4695979	0.68	cps
Lithium	6-1	442524	408793	404653	418657	4.96	cps
Magnesium	24-2	791041	793896	781229	788722	0.84	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-01	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0006-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:23:07	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4044428	4030954	3952461	4009281	1.24	cps
Molybdenum	94-1	110161	113514	113169	112281	1.64	cps
Molybdenum	95-1	17145	16511	17220	16958	2.30	cps
Molybdenum	96-1	36091	35448	35481	35673	1.02	cps
Molybdenum	97-1	11055	11280	11230	11188	1.06	cps
Molybdenum	98-1	25684	26727	27387	26599	3.23	cps
Neodymium	150-1	109635	111140	109110	109962	0.96	cps
Neodymium	150-2	25949	26834	26560	26448	1.71	cps
Nickel	60-2	76143	75956	74277	75459	1.36	cps
Phosphorus	31-2	7802	7744	7552	7700	1.70	cps
Potassium	39-2	146607	144873	144527	145335	0.77	cps
Rhodium	103-1	4421808	4180647	4271542	4291332	2.84	cps
Rhodium	103-2	1700584	1734710	1832111	1755802	3.89	cps
Scandium	45-1	3779592	3596715	3712807	3696371	2.50	cps
Scandium	45-2	49005	51337	52893	51078	3.83	cps
Selenium	77-2	240	250	230	240	4.17	cps
Selenium	78-2	170	165	204	180	11.71	cps
Selenium	82-1	1360	1511	1369	1413	6.01	cps
Silicon	28-1	33364575	33241323	33457282	33354393	0.32	cps
Silver	109-1	3251	3134	2842	3075	6.84	cps
Silver	107-1	3326	3376	3501	3401	2.65	cps
Sodium	23-2	131931	129880	129888	130566	0.91	cps
Strontium	86-1	1102123	1107306	1113982	1107804	0.54	cps
Strontium	88-1	9403203	9454871	9457903	9438659	0.33	cps
Sulfur	34-1	1334680	1321122	1330395	1328732	0.52	cps
Terbium	159-1	4878337	4612248	4654002	4714862	3.04	cps
Terbium	159-2	1533721	1626847	1709663	1623410	5.42	cps
Thallium	203-1	2925	2825	2826	2859	2.02	cps
Thallium	205-1	6752	6460	6219	6477	4.13	cps
Tin	118-1	13474	12748	13090	13104	2.77	cps
Titanium	47-1	251336	251369	248554	250420	0.65	cps
Uranium	238-1	53391	52855	52286	52844	1.05	cps
Vanadium	51-2	119932	117710	116264	117968	1.57	cps
Yttrium	89-1	7011318	6706440	6711305	6809688	2.56	cps
Yttrium	89-2	367423	380785	389854	379354	2.97	cps
Zinc	66-2	137276	135150	135318	135915	0.87	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-01	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0006-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:23:07	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	286709	289442	289829	288660	0.59	cps
Zirconium	91-1	62679	63851	63214	63248	0.93	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-02	Instrumnet Name :	P8
Client Sample ID :	P001-SD012-0612-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:26:26	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	802445	803099	802701	802748	0.04	cps
Antimony	121-1	1367	1567	1458	1464	6.84	cps
Arsenic	75-2	4881	4912	4947	4913	0.68	cps
Barium	135-1	658024	669879	660742	662882	0.94	cps
Barium	137-1	1141165	1164606	1142305	1149359	1.15	cps
Beryllium	9-1	1940	1883	1883	1902	1.72	cps
Bismuth	209-1	2491866	2456844	2549975	2499562	1.88	cps
Bismuth	209-2	1097014	1164162	1131825	1131000	2.97	cps
Boron	10-1	1192	1050	1333	1192	11.89	cps
Boron	11-1	5993	6669	6443	6368	5.40	cps
Cadmium	111-1	2957	3020	3002	2993	1.09	cps
Cadmium	106-1	2259	2242	2242	2248	0.43	cps
Cadmium	108-1	350	267	358	325	15.60	cps
Calcium	43-1	236444	232885	236638	235322	0.90	cps
Calcium	44-1	3928161	3921146	3901389	3916899	0.35	cps
Chromium	52-2	116154	115673	116029	115952	0.22	cps
Cobalt	59-2	177994	177950	177087	177677	0.29	cps
Copper	63-2	203947	203179	204714	203947	0.38	cps
Dysprosium	156-1	61604	62677	61261	61847	1.19	cps
Dysprosium	156-2	25508	25702	25849	25687	0.67	cps
Erbium	164-1	52992	51929	52273	52398	1.04	cps
Erbium	164-2	19264	18967	18570	18934	1.84	cps
Gadolinium	160-1	62409	64460	63472	63447	1.62	cps
Gadolinium	160-2	30793	29286	29681	29920	2.61	cps
Holmium	165-1	4441855	4391993	4597218	4477022	2.39	cps
Holmium	165-2	1614908	1686537	1630726	1644057	2.29	cps
Indium	115-1	4224809	4117465	4327637	4223304	2.49	cps
Indium	115-2	332263	350544	339458	340755	2.70	cps
Iron	56-2	109962991	110004119	109959141	109975417	0.02	cps
Iron	57-2	2824536	2853154	2813805	2830498	0.72	cps
Krypton	83-1	767	683	733	728	5.76	cps
Lead	206-1	287115	292530	288082	289243	1.00	cps
Lead	207-1	240017	245416	244472	243302	1.19	cps
Lead	208-1	1128311	1149205	1135702	1137739	0.93	cps
Lithium	6-1	408900	411424	423673	414665	1.91	cps
Magnesium	24-2	1560036	1574189	1539361	1557862	1.12	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-02	Instrumnet Name :	P8
Client Sample ID :	P001-SD012-0612-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:26:26	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	622288	618889	623231	621469	0.37	cps
Molybdenum	94-1	99261	97313	97431	98002	1.11	cps
Molybdenum	95-1	8078	8570	7569	8072	6.20	cps
Molybdenum	96-1	24690	25174	25116	24994	1.06	cps
Molybdenum	97-1	4976	4943	5051	4990	1.11	cps
Molybdenum	98-1	12548	12681	12857	12695	1.22	cps
Neodymium	150-1	77938	78668	78099	78235	0.49	cps
Neodymium	150-2	19007	18727	18694	18809	0.92	cps
Nickel	60-2	108414	109147	108985	108849	0.35	cps
Phosphorus	31-2	2384	2384	2575	2448	4.52	cps
Potassium	39-2	121151	121538	119439	120709	0.93	cps
Rhodium	103-1	4416200	4288949	4447141	4384097	1.91	cps
Rhodium	103-2	1761112	1847701	1781060	1796624	2.52	cps
Scandium	45-1	3829062	3759188	3974402	3854217	2.85	cps
Scandium	45-2	50494	53753	52986	52411	3.25	cps
Selenium	77-2	157	190	160	169	10.87	cps
Selenium	78-2	87	106	109	101	11.83	cps
Selenium	82-1	140	293	264	232	35.15	cps
Silicon	28-1	43658676	43831831	44107152	43865886	0.52	cps
Silver	109-1	892	1042	1050	995	8.96	cps
Silver	107-1	1317	1292	1183	1264	5.61	cps
Sodium	23-2	84602	84583	84760	84648	0.11	cps
Strontium	86-1	137780	138682	136763	137741	0.70	cps
Strontium	88-1	1146969	1167213	1160734	1158305	0.89	cps
Sulfur	34-1	644259	637383	634908	638850	0.76	cps
Terbium	159-1	4692823	4630081	4860482	4727795	2.52	cps
Terbium	159-2	1622414	1718626	1673784	1671608	2.88	cps
Thallium	203-1	1133	1208	1217	1186	3.87	cps
Thallium	205-1	2967	2734	3034	2912	5.41	cps
Tin	118-1	4701	4859	4734	4765	1.75	cps
Titanium	47-1	254213	258037	256334	256195	0.75	cps
Uranium	238-1	29720	31307	31725	30917	3.42	cps
Vanadium	51-2	81982	80231	82193	81469	1.32	cps
Yttrium	89-1	6009978	5917416	6165847	6031081	2.08	cps
Yttrium	89-2	326796	345909	335646	336117	2.85	cps
Zinc	66-2	134004	134376	135030	134470	0.39	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-02	Instrumnet Name :	P8
Client Sample ID :	P001-SD012-0612-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:26:26	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	261363	264139	265249	263584	0.76	cps
Zirconium	91-1	57297	58150	57631	57692	0.75	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-03	Instrumnet Name :	P8
Client Sample ID :	P001-SD014-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:29:49	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1456300	1457467	1462934	1458900	0.24	cps
Antimony	121-1	4117	4117	3976	4070	2.01	cps
Arsenic	75-2	4380	4430	4514	4442	1.52	cps
Barium	135-1	4326330	4369395	4415628	4370451	1.02	cps
Barium	137-1	7482309	7475188	7597706	7518401	0.91	cps
Beryllium	9-1	6028	6031	5848	5969	1.76	cps
Bismuth	209-1	2504508	2521258	2578496	2534754	1.53	cps
Bismuth	209-2	1110366	1126012	1120454	1118944	0.71	cps
Boron	10-1	1725	1767	1642	1711	3.72	cps
Boron	11-1	9353	9437	9153	9315	1.56	cps
Cadmium	111-1	7028	7544	7020	7198	4.17	cps
Cadmium	106-1	2759	2975	2792	2842	4.11	cps
Cadmium	108-1	542	533	646	574	10.93	cps
Calcium	43-1	1162531	1162329	1171961	1165607	0.47	cps
Calcium	44-1	18415249	18602499	18835708	18617819	1.13	cps
Chromium	52-2	165883	165175	165693	165584	0.22	cps
Cobalt	59-2	133493	134737	136312	134847	1.05	cps
Copper	63-2	511750	507281	511057	510029	0.47	cps
Dysprosium	156-1	112994	115559	117501	115351	1.96	cps
Dysprosium	156-2	46038	45021	45349	45469	1.14	cps
Erbium	164-1	97532	98815	100026	98791	1.26	cps
Erbium	164-2	34947	34930	35010	34963	0.12	cps
Gadolinium	160-1	113987	115717	115114	114939	0.76	cps
Gadolinium	160-2	54319	53968	54072	54120	0.33	cps
Holmium	165-1	4502114	4554436	4657088	4571213	1.72	cps
Holmium	165-2	1647979	1695646	1675233	1672952	1.43	cps
Indium	115-1	4288647	4214778	4309688	4271038	1.17	cps
Indium	115-2	336186	337758	342983	338976	1.05	cps
Iron	56-2	131649434	131292333	132614664	131852144	0.52	cps
Iron	57-2	3379777	3370814	3389383	3379991	0.27	cps
Krypton	83-1	790	737	840	789	6.55	cps
Lead	206-1	1042713	1054952	1074071	1057245	1.49	cps
Lead	207-1	876986	892074	910533	893197	1.88	cps
Lead	208-1	4197274	4263215	4273354	4244615	0.97	cps
Lithium	6-1	412958	409465	411281	411235	0.42	cps
Magnesium	24-2	1475848	1474469	1472018	1474112	0.13	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-03	Instrumnet Name :	P8
Client Sample ID :	P001-SD014-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:29:49	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2027469	2022170	2045284	2031641	0.60	cps
Molybdenum	94-1	96559	99304	99053	98305	1.54	cps
Molybdenum	95-1	20049	19974	19189	19737	2.41	cps
Molybdenum	96-1	36793	37227	37311	37110	0.75	cps
Molybdenum	97-1	12039	12223	12873	12378	3.54	cps
Molybdenum	98-1	32406	31914	32306	32209	0.81	cps
Neodymium	150-1	140458	140728	143798	141661	1.31	cps
Neodymium	150-2	34278	34709	33737	34241	1.42	cps
Nickel	60-2	105076	104925	105241	105081	0.15	cps
Phosphorus	31-2	8770	8069	8144	8328	4.62	cps
Potassium	39-2	164129	164746	164399	164425	0.19	cps
Rhodium	103-1	4407848	4400762	4473570	4427394	0.91	cps
Rhodium	103-2	1780232	1809569	1829705	1806502	1.38	cps
Scandium	45-1	3915352	3961595	3959665	3945538	0.66	cps
Scandium	45-2	52986	53227	52979	53064	0.27	cps
Selenium	77-2	340	293	317	317	7.37	cps
Selenium	78-2	231	233	231	232	0.46	cps
Selenium	82-1	1326	1282	1214	1274	4.42	cps
Silicon	28-1	39783839	39641804	39296180	39573941	0.63	cps
Silver	109-1	2567	1992	2567	2375	13.98	cps
Silver	107-1	2700	2925	2667	2764	5.08	cps
Sodium	23-2	144250	142945	143896	143697	0.47	cps
Strontium	86-1	774725	774927	792669	780773	1.32	cps
Strontium	88-1	6546906	6604688	6692836	6614810	1.11	cps
Sulfur	34-1	1177006	1196750	1195967	1189908	0.94	cps
Terbium	159-1	4807378	4836174	4931903	4858485	1.34	cps
Terbium	159-2	1683527	1665384	1706784	1685231	1.23	cps
Thallium	203-1	2542	2550	3184	2759	13.35	cps
Thallium	205-1	6794	6494	6577	6621	2.34	cps
Tin	118-1	18113	17587	17813	17838	1.48	cps
Titanium	47-1	197296	196975	200501	198257	0.98	cps
Uranium	238-1	71279	69503	70115	70299	1.28	cps
Vanadium	51-2	157905	158330	157070	157768	0.41	cps
Yttrium	89-1	6991723	6965472	7042212	6999802	0.56	cps
Yttrium	89-2	387965	384243	386549	386252	0.49	cps
Zinc	66-2	157568	155638	154180	155795	1.09	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-03	Instrumnet Name :	P8
Client Sample ID :	P001-SD014-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:29:49	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	245153	247324	246528	246335	0.45	cps
Zirconium	91-1	53138	53766	55112	54006	1.87	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-04	Instrumnet Name :	P8
Client Sample ID :	P001-SD014-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:33:08	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1061472	1051183	1052255	1054970	0.54	cps
Antimony	121-1	642	767	692	700	8.99	cps
Arsenic	75-2	1196	1224	1245	1222	1.98	cps
Barium	135-1	1583332	1636620	1606449	1608800	1.66	cps
Barium	137-1	2772908	2826555	2824934	2808132	1.09	cps
Beryllium	9-1	2147	2244	2300	2230	3.48	cps
Bismuth	209-1	2450231	2580907	2583716	2538285	3.00	cps
Bismuth	209-2	1147226	1155547	1146575	1149783	0.44	cps
Boron	10-1	1433	1458	1642	1511	7.53	cps
Boron	11-1	7002	6985	7444	7144	3.64	cps
Cadmium	111-1	2296	2679	2174	2383	11.05	cps
Cadmium	106-1	2009	2392	1909	2103	12.13	cps
Cadmium	108-1	188	238	225	217	12.01	cps
Calcium	43-1	288219	290570	289737	289509	0.41	cps
Calcium	44-1	4722755	4732902	4773687	4743115	0.57	cps
Chromium	52-2	133180	130179	130565	131308	1.24	cps
Cobalt	59-2	89063	89472	86020	88185	2.14	cps
Copper	63-2	271908	273672	265555	270379	1.58	cps
Dysprosium	156-1	104072	106725	106229	105675	1.33	cps
Dysprosium	156-2	42489	41419	41559	41822	1.39	cps
Erbium	164-1	74765	77062	73902	75243	2.17	cps
Erbium	164-2	27406	26310	25916	26544	2.91	cps
Gadolinium	160-1	104812	105374	102778	104321	1.31	cps
Gadolinium	160-2	50220	49012	49460	49564	1.23	cps
Holmium	165-1	4427049	4522019	4575610	4508226	1.67	cps
Holmium	165-2	1682249	1687044	1674747	1681347	0.37	cps
Indium	115-1	4234443	4328544	4312657	4291881	1.17	cps
Indium	115-2	338445	341899	346113	342152	1.12	cps
Iron	56-2	82294449	82818188	81158266	82090301	1.03	cps
Iron	57-2	2140039	2122906	2086114	2116353	1.30	cps
Krypton	83-1	683	780	723	729	6.66	cps
Lead	206-1	387388	394052	392704	391381	0.90	cps
Lead	207-1	323501	326869	329705	326692	0.95	cps
Lead	208-1	1515049	1529709	1538496	1527751	0.78	cps
Lithium	6-1	405151	416065	416694	412637	1.57	cps
Magnesium	24-2	1281564	1275926	1254869	1270786	1.11	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-04	Instrumnet Name :	P8
Client Sample ID :	P001-SD014-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:33:08	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	411200	411827	402436	408487	1.29	cps
Molybdenum	94-1	75503	75988	75887	75793	0.34	cps
Molybdenum	95-1	1925	1900	1850	1892	2.02	cps
Molybdenum	96-1	14658	14583	14592	14611	0.28	cps
Molybdenum	97-1	1200	1367	1233	1267	6.96	cps
Molybdenum	98-1	2725	2684	2942	2784	4.98	cps
Neodymium	150-1	144393	147353	145087	145611	1.06	cps
Neodymium	150-2	35625	35014	34736	35125	1.30	cps
Nickel	60-2	75497	75271	74133	74967	0.98	cps
Phosphorus	31-2	3251	3709	3459	3473	6.61	cps
Potassium	39-2	130754	133318	130056	131376	1.31	cps
Rhodium	103-1	4369556	4423638	4405710	4399634	0.63	cps
Rhodium	103-2	1804239	1810704	1811217	1808720	0.22	cps
Scandium	45-1	3797478	3867699	3896653	3853943	1.32	cps
Scandium	45-2	53261	52240	53274	52925	1.12	cps
Selenium	77-2	260	260	243	254	3.78	cps
Selenium	78-2	148	143	157	149	5.01	cps
Selenium	82-1	559	447	543	516	11.70	cps
Silicon	28-1	55475830	56016012	56238147	55909996	0.70	cps
Silver	109-1	1825	2142	1884	1950	8.64	cps
Silver	107-1	2084	2150	2092	2109	1.72	cps
Sodium	23-2	78232	78970	77679	78294	0.83	cps
Strontium	86-1	172478	174391	175203	174024	0.80	cps
Strontium	88-1	1509740	1511763	1490334	1503946	0.79	cps
Sulfur	34-1	400935	398799	392725	397486	1.07	cps
Terbium	159-1	4665229	4752522	4798136	4738629	1.43	cps
Terbium	159-2	1689187	1705080	1693924	1696064	0.48	cps
Thallium	203-1	2017	2050	1825	1964	6.18	cps
Thallium	205-1	4768	4668	5243	4893	6.28	cps
Tin	118-1	4443	4401	4251	4365	2.31	cps
Titanium	47-1	280420	278727	278834	279327	0.34	cps
Uranium	238-1	31658	32226	32928	32271	1.97	cps
Vanadium	51-2	75214	75479	74359	75017	0.78	cps
Yttrium	89-1	6198127	6281392	6327299	6268940	1.04	cps
Yttrium	89-2	347081	351657	352468	350402	0.83	cps
Zinc	66-2	85079	86878	85582	85846	1.08	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-04	Instrumnet Name :	P8
Client Sample ID :	P001-SD014-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:33:08	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	207178	207974	207721	207624	0.20	cps
Zirconium	91-1	45318	46213	46230	45920	1.14	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-05	Instrumnet Name :	P8
Client Sample ID :	P001-SS001-0612-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:36:29	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	794211	794172	797115	795166	0.21	cps
Antimony	121-1	2450	2550	2809	2603	7.10	cps
Arsenic	75-2	7432	7485	7424	7447	0.45	cps
Barium	135-1	1371147	1379934	1404770	1385283	1.26	cps
Barium	137-1	2409849	2468315	2473501	2450555	1.44	cps
Beryllium	9-1	3290	3330	3180	3267	2.38	cps
Bismuth	209-1	2564988	2588808	2520779	2558192	1.35	cps
Bismuth	209-2	1126490	1103827	1063369	1097895	2.91	cps
Boron	10-1	2525	2592	2534	2550	1.42	cps
Boron	11-1	12456	12481	13465	12801	4.50	cps
Cadmium	111-1	3361	3410	3515	3429	2.30	cps
Cadmium	106-1	2942	2925	3067	2978	2.60	cps
Cadmium	108-1	421	388	504	438	13.74	cps
Calcium	43-1	1610924	1671235	1666997	1649719	2.04	cps
Calcium	44-1	25626908	26293710	26303883	26074834	1.49	cps
Chromium	52-2	137887	136717	137615	137406	0.45	cps
Cobalt	59-2	160968	162064	160640	161224	0.46	cps
Copper	63-2	422207	423235	423555	422999	0.17	cps
Dysprosium	156-1	95473	95977	98234	96561	1.52	cps
Dysprosium	156-2	39078	38627	39048	38918	0.65	cps
Erbium	164-1	82067	84541	85499	84036	2.11	cps
Erbium	164-2	29945	28939	29848	29577	1.88	cps
Gadolinium	160-1	96186	96935	98815	97312	1.39	cps
Gadolinium	160-2	46433	46332	46493	46419	0.17	cps
Holmium	165-1	4658602	4657489	4630081	4648724	0.35	cps
Holmium	165-2	1676351	1644016	1539625	1619997	4.41	cps
Indium	115-1	4353208	4366524	4264789	4328174	1.28	cps
Indium	115-2	344340	331839	315114	330431	4.44	cps
Iron	56-2	165677637	165559765	164650570	165295991	0.34	cps
Iron	57-2	4232056	4179162	4132276	4181165	1.19	cps
Krypton	83-1	757	767	783	769	1.75	cps
Lead	206-1	408921	417765	415068	413918	1.10	cps
Lead	207-1	339462	346864	347122	344483	1.26	cps
Lead	208-1	1593633	1618085	1623191	1611636	0.98	cps
Lithium	6-1	408192	409800	401032	406341	1.15	cps
Magnesium	24-2	2433198	2420520	2395139	2416286	0.80	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-05	Instrumnet Name :	P8
Client Sample ID :	P001-SS001-0612-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:36:29	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2610462	2610130	2568137	2596243	0.94	cps
Molybdenum	94-1	172147	176752	174963	174621	1.33	cps
Molybdenum	95-1	11063	11272	11255	11197	1.03	cps
Molybdenum	96-1	40545	40244	40344	40378	0.38	cps
Molybdenum	97-1	7402	6994	6852	7083	4.03	cps
Molybdenum	98-1	17003	17579	18564	17715	4.45	cps
Neodymium	150-1	128020	126746	130644	128470	1.55	cps
Neodymium	150-2	31314	30780	31234	31109	0.93	cps
Nickel	60-2	116641	116045	116761	116482	0.33	cps
Phosphorus	31-2	5235	5643	4918	5265	6.91	cps
Potassium	39-2	237812	237412	238073	237766	0.14	cps
Rhodium	103-1	4421457	4453259	4393219	4422645	0.68	cps
Rhodium	103-2	1793593	1726501	1667826	1729307	3.64	cps
Scandium	45-1	3977257	3967514	3974177	3972983	0.13	cps
Scandium	45-2	54957	52511	50728	52732	4.03	cps
Selenium	77-2	253	240	287	260	9.25	cps
Selenium	78-2	169	152	150	157	6.51	cps
Selenium	82-1	187	128	181	165	19.40	cps
Silicon	28-1	36536885	37457749	37447336	37147323	1.42	cps
Silver	109-1	2492	2742	2709	2648	5.13	cps
Silver	107-1	3167	3126	2759	3017	7.45	cps
Sodium	23-2	90579	89456	90740	90258	0.78	cps
Strontium	86-1	583440	600097	595323	592953	1.45	cps
Strontium	88-1	5002132	5109652	5073587	5061790	1.08	cps
Sulfur	34-1	406310	418924	423746	416327	2.16	cps
Terbium	159-1	4924250	4912162	4825752	4887388	1.10	cps
Terbium	159-2	1680253	1665630	1541008	1628964	4.70	cps
Thallium	203-1	1542	1358	1600	1500	8.41	cps
Thallium	205-1	3442	3601	3517	3520	2.25	cps
Tin	118-1	4776	4451	4426	4551	4.29	cps
Titanium	47-1	221893	225227	228097	225072	1.38	cps
Uranium	238-1	31825	30455	30898	31059	2.25	cps
Vanadium	51-2	99235	98114	97845	98398	0.75	cps
Yttrium	89-1	6757404	6841044	6713511	6770653	0.96	cps
Yttrium	89-2	375669	368525	356960	367052	2.57	cps
Zinc	66-2	122078	122024	122145	122082	0.05	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-05	Instrumnet Name :	P8
Client Sample ID :	P001-SS001-0612-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:36:29	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	471839	483085	482763	479229	1.34	cps
Zirconium	91-1	103863	105036	106808	105236	1.41	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-09	Instrumnet Name :	P8
Client Sample ID :	P001-SD003-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:39:52	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	802491	798995	801821	801102	0.23	cps
Antimony	121-1	467	358	508	444	17.42	cps
Arsenic	75-2	1754	1771	1728	1751	1.23	cps
Barium	135-1	1572577	1573314	1591720	1579204	0.69	cps
Barium	137-1	2696776	2734356	2774680	2735270	1.42	cps
Beryllium	9-1	1840	2020	2114	1991	6.98	cps
Bismuth	209-1	2397492	2350665	2391179	2379779	1.07	cps
Bismuth	209-2	1075922	1132597	1152262	1120261	3.54	cps
Boron	10-1	617	675	692	661	5.96	cps
Boron	11-1	3017	3025	2809	2950	4.16	cps
Cadmium	111-1	1720	1741	1681	1714	1.77	cps
Cadmium	106-1	1692	1842	1792	1775	4.30	cps
Cadmium	108-1	146	146	146	146	0.00	cps
Calcium	43-1	248429	254053	252571	251684	1.16	cps
Calcium	44-1	4088521	4183729	4221246	4164498	1.64	cps
Chromium	52-2	73545	73475	74514	73845	0.79	cps
Cobalt	59-2	66602	67205	67091	66966	0.48	cps
Copper	63-2	96254	97087	94569	95970	1.34	cps
Dysprosium	156-1	34104	33770	34121	33998	0.58	cps
Dysprosium	156-2	12570	12650	12960	12726	1.62	cps
Erbium	164-1	28724	29602	29535	29287	1.67	cps
Erbium	164-2	10561	10378	10444	10461	0.89	cps
Gadolinium	160-1	32592	31890	33160	32547	1.96	cps
Gadolinium	160-2	15219	15546	15566	15444	1.26	cps
Holmium	165-1	4228036	4246371	4247061	4240489	0.25	cps
Holmium	165-2	1557368	1650521	1694371	1634086	4.28	cps
Indium	115-1	4025669	4019595	4119829	4055031	1.39	cps
Indium	115-2	326126	342785	351462	340124	3.79	cps
Iron	56-2	67125268	67305218	66526501	66985663	0.61	cps
Iron	57-2	1724089	1718818	1713938	1718949	0.30	cps
Krypton	83-1	577	637	700	638	9.67	cps
Lead	206-1	227966	231002	230310	229759	0.69	cps
Lead	207-1	192460	193302	194180	193314	0.45	cps
Lead	208-1	894540	906156	905126	901941	0.71	cps
Lithium	6-1	369792	366168	379531	371830	1.86	cps
Magnesium	24-2	675175	671042	662519	669579	0.96	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-09	Instrumnet Name :	P8
Client Sample ID :	P001-SD003-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:39:52	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1139668	1142038	1136177	1139294	0.26	cps
Molybdenum	94-1	51942	52913	51508	52121	1.38	cps
Molybdenum	95-1	3409	3334	3451	3398	1.74	cps
Molybdenum	96-1	12306	12073	12273	12217	1.03	cps
Molybdenum	97-1	2167	2467	1925	2186	12.41	cps
Molybdenum	98-1	5476	5435	5193	5368	2.85	cps
Neodymium	150-1	49333	48149	49574	49019	1.56	cps
Neodymium	150-2	11992	12119	11755	11956	1.54	cps
Nickel	60-2	48772	49809	49200	49260	1.06	cps
Phosphorus	31-2	2934	2434	2584	2650	9.68	cps
Potassium	39-2	95624	95665	95515	95601	0.08	cps
Rhodium	103-1	4176891	4184679	4256274	4205948	1.04	cps
Rhodium	103-2	1746332	1831982	1903741	1827351	4.31	cps
Scandium	45-1	3600626	3563919	3622216	3595587	0.82	cps
Scandium	45-2	50367	52696	53713	52259	3.28	cps
Selenium	77-2	93	107	103	101	6.86	cps
Selenium	78-2	59	70	43	57	24.36	cps
Selenium	82-1	227	171	95	164	40.31	cps
Silicon	28-1	20675348	21231714	21087525	20998196	1.38	cps
Silver	109-1	658	717	758	711	7.06	cps
Silver	107-1	808	817	842	822	2.11	cps
Sodium	23-2	86018	87276	85154	86149	1.24	cps
Strontium	86-1	181061	183138	180637	181612	0.74	cps
Strontium	88-1	1558369	1567766	1553096	1559744	0.48	cps
Sulfur	34-1	434677	430161	426325	430388	0.97	cps
Terbium	159-1	4464408	4418187	4515724	4466106	1.09	cps
Terbium	159-2	1589131	1651173	1677410	1639238	2.77	cps
Thallium	203-1	1567	1484	1659	1570	5.58	cps
Thallium	205-1	4001	3634	4093	3909	6.21	cps
Tin	118-1	3117	3301	3267	3228	3.03	cps
Titanium	47-1	33057	34804	35021	34294	3.14	cps
Uranium	238-1	16954	17137	17221	17104	0.80	cps
Vanadium	51-2	54205	54777	54184	54389	0.62	cps
Yttrium	89-1	5442669	5430773	5447130	5440191	0.16	cps
Yttrium	89-2	307484	320764	323703	317317	2.72	cps
Zinc	66-2	45746	45715	44652	45371	1.37	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-09	Instrumnet Name :	P8
Client Sample ID :	P001-SD003-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:39:52	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	141259	140655	139146	140353	0.78	cps
Zirconium	91-1	31137	30827	30293	30752	1.39	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-10	Instrumnet Name :	P8
Client Sample ID :	P001-SD003-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:43:14	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	733275	729088	717996	726786	1.09	cps
Antimony	121-1	333	308	275	306	9.58	cps
Arsenic	75-2	680	672	698	683	1.95	cps
Barium	135-1	1384266	1374427	1396905	1385199	0.81	cps
Barium	137-1	2416928	2437542	2508574	2454348	1.96	cps
Beryllium	9-1	1240	1263	1307	1270	2.66	cps
Bismuth	209-1	2648386	2588246	2408248	2548294	4.90	cps
Bismuth	209-2	1090606	1070023	1118149	1092926	2.21	cps
Boron	10-1	567	808	475	617	27.93	cps
Boron	11-1	2717	2734	2792	2748	1.43	cps
Cadmium	111-1	1527	1396	1415	1446	4.90	cps
Cadmium	106-1	1675	1483	1575	1578	6.08	cps
Cadmium	108-1	71	54	96	74	28.49	cps
Calcium	43-1	198607	200357	201342	200102	0.69	cps
Calcium	44-1	3269954	3327313	3360367	3319212	1.38	cps
Chromium	52-2	63289	62851	61735	62625	1.28	cps
Cobalt	59-2	32638	32074	32281	32331	0.88	cps
Copper	63-2	44006	43659	44060	43908	0.50	cps
Dysprosium	156-1	37998	38383	38683	38355	0.90	cps
Dysprosium	156-2	13517	13921	13561	13666	1.62	cps
Erbium	164-1	27121	27597	26971	27229	1.20	cps
Erbium	164-2	9600	9670	9557	9609	0.60	cps
Gadolinium	160-1	33218	34881	35516	34539	3.44	cps
Gadolinium	160-2	15553	16391	15850	15931	2.67	cps
Holmium	165-1	4636337	4538528	4285479	4486781	4.04	cps
Holmium	165-2	1553560	1527373	1610893	1563942	2.73	cps
Indium	115-1	4384822	4406190	4097013	4296008	4.02	cps
Indium	115-2	326241	320923	335201	327455	2.20	cps
Iron	56-2	33752639	33694542	33419842	33622341	0.53	cps
Iron	57-2	843808	836369	834375	838184	0.59	cps
Krypton	83-1	730	573	627	643	12.38	cps
Lead	206-1	125857	127080	127983	126974	0.84	cps
Lead	207-1	105182	106628	105961	105924	0.68	cps
Lead	208-1	492820	496964	502473	497419	0.97	cps
Lithium	6-1	393654	397539	371599	387597	3.61	cps
Magnesium	24-2	429186	430114	425930	428410	0.51	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-10	Instrumnet Name :	P8
Client Sample ID :	P001-SD003-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:43:14	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	444993	448311	442028	445111	0.71	cps
Molybdenum	94-1	18764	19415	18747	18975	2.01	cps
Molybdenum	95-1	1300	1350	1250	1300	3.85	cps
Molybdenum	96-1	4793	4493	4993	4759	5.29	cps
Molybdenum	97-1	783	792	933	836	10.08	cps
Molybdenum	98-1	1650	1859	1967	1825	8.82	cps
Neodymium	150-1	64238	63279	65343	64287	1.61	cps
Neodymium	150-2	15069	15079	15379	15176	1.16	cps
Nickel	60-2	27694	28135	27628	27819	0.99	cps
Phosphorus	31-2	2300	2275	2117	2231	4.46	cps
Potassium	39-2	83983	82626	81553	82721	1.47	cps
Rhodium	103-1	4552932	4512288	4278895	4448038	3.32	cps
Rhodium	103-2	1748258	1739301	1799856	1762472	1.85	cps
Scandium	45-1	3833614	3755753	3568653	3719340	3.66	cps
Scandium	45-2	49092	48126	50306	49175	2.22	cps
Selenium	77-2	130	107	113	117	10.30	cps
Selenium	78-2	56	70	59	62	12.49	cps
Selenium	82-1	47	160	144	117	52.55	cps
Silicon	28-1	23848148	23863959	24368024	24026711	1.23	cps
Silver	109-1	558	675	758	664	15.13	cps
Silver	107-1	867	717	550	711	22.28	cps
Sodium	23-2	89313	91091	91267	90557	1.19	cps
Strontium	86-1	138976	138672	140509	139386	0.71	cps
Strontium	88-1	1179346	1182817	1186029	1182731	0.28	cps
Sulfur	34-1	370874	365940	369121	368645	0.68	cps
Terbium	159-1	4906207	4875448	4559067	4780240	4.02	cps
Terbium	159-2	1576681	1536394	1624607	1579227	2.80	cps
Thallium	203-1	1534	1684	1659	1625	4.94	cps
Thallium	205-1	4209	4376	4118	4234	3.10	cps
Tin	118-1	3859	4017	3792	3890	2.97	cps
Titanium	47-1	37259	38378	38512	38050	1.81	cps
Uranium	238-1	15794	16044	15744	15861	1.01	cps
Vanadium	51-2	39432	38493	38226	38717	1.64	cps
Yttrium	89-1	5814526	5753020	5429356	5665634	3.65	cps
Yttrium	89-2	302061	300039	309096	303732	1.57	cps
Zinc	66-2	25367	25627	25360	25451	0.60	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-10	Instrumnet Name :	P8
Client Sample ID :	P001-SD003-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:43:14	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	50631	51482	52427	51513	1.74	cps
Zirconium	91-1	10838	10705	11397	10980	3.35	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : CCV12 Instrumnet Name : P8
 Client Sample ID : CCV12 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 13:49:08 DataFile Name : 030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	448949	455541	457741	454077	1.01	cps
Antimony	121-1	2450575	2461618	2385456	2432550	1.69	cps
Arsenic	75-2	62390	62033	62379	62267	0.33	cps
Barium	135-1	2410692	2366210	2338689	2371864	1.53	cps
Barium	137-1	4177244	4120907	3965315	4087822	2.69	cps
Beryllium	9-1	324839	322060	306984	317961	3.02	cps
Bismuth	209-1	2197715	2458136	2457841	2371231	6.34	cps
Bismuth	209-2	1043846	1072347	1116660	1077617	3.40	cps
Boron	10-1	45172	44779	43676	44542	1.74	cps
Boron	11-1	227861	229311	227479	228217	0.42	cps
Cadmium	111-1	558058	553376	548138	553191	0.90	cps
Cadmium	106-1	60697	59290	60888	60291	1.45	cps
Cadmium	108-1	39796	40381	38743	39640	2.09	cps
Calcium	43-1	3890331	3848934	3810229	3849831	1.04	cps
Calcium	44-1	61585476	61625424	60776271	61329057	0.78	cps
Chromium	52-2	499325	508540	504799	504222	0.92	cps
Cobalt	59-2	944763	935417	939675	939952	0.50	cps
Copper	63-2	1526960	1532997	1529098	1529685	0.20	cps
Dysprosium	156-1	58	42	83	61	34.32	cps
Dysprosium	156-2	17	3	13	11	62.48	cps
Erbium	164-1	8	25	42	25	66.68	cps
Erbium	164-2	3	20	10	11	75.52	cps
Gadolinium	160-1	58	67	100	75	29.40	cps
Gadolinium	160-2	27	17	20	21	24.12	cps
Holmium	165-1	3919970	4521774	4512256	4318000	7.98	cps
Holmium	165-2	1540725	1600669	1684427	1608607	4.49	cps
Indium	115-1	3739311	4186267	4287602	4071060	7.17	cps
Indium	115-2	321810	331072	348310	333731	4.03	cps
Iron	56-2	84603877	84964474	85263371	84943907	0.39	cps
Iron	57-2	2203228	2176409	2173663	2184433	0.75	cps
Krypton	83-1	643	673	483	600	17.02	cps
Lead	206-1	1071413	1051983	1018941	1047446	2.53	cps
Lead	207-1	972961	960037	930336	954445	2.29	cps
Lead	208-1	4469058	4405977	4236171	4370402	2.76	cps
Lithium	6-1	340127	378691	375782	364866	5.89	cps
Magnesium	24-2	9243698	9410793	9337884	9330792	0.90	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:49:08	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	302815	305782	307078	305225	0.72	cps
Molybdenum	94-1	4816677	4712898	4698908	4742828	1.36	cps
Molybdenum	95-1	5943029	5826085	5700494	5823202	2.08	cps
Molybdenum	96-1	6587802	6461190	6317907	6455633	2.09	cps
Molybdenum	97-1	3634292	3662633	3533062	3609996	1.89	cps
Molybdenum	98-1	9271517	9190987	8983655	9148720	1.62	cps
Neodymium	150-1	53	133	147	111	45.43	cps
Neodymium	150-2	10	10	13	11	17.30	cps
Nickel	60-2	275046	274709	275570	275109	0.16	cps
Phosphorus	31-2	7561	7144	7402	7369	2.86	cps
Potassium	39-2	2982655	3038576	3041878	3021037	1.10	cps
Rhodium	103-1	3786433	4308154	4377302	4157296	7.77	cps
Rhodium	103-2	1688694	1744459	1850746	1761299	4.67	cps
Scandium	45-1	3246926	3638112	3739069	3541369	7.34	cps
Scandium	45-2	49812	51146	53639	51532	3.77	cps
Selenium	77-2	423	503	510	479	10.07	cps
Selenium	78-2	1637	1570	1656	1621	2.76	cps
Selenium	82-1	41881	41062	41225	41390	1.05	cps
Silicon	28-1	1885111	1924775	1906376	1905421	1.04	cps
Silver	109-1	2645658	2591250	2548685	2595198	1.87	cps
Silver	107-1	2778975	2748781	2694229	2740662	1.57	cps
Sodium	23-2	21410990	21631121	21706398	21582837	0.71	cps
Strontium	86-1	745663	741915	723371	736983	1.62	cps
Strontium	88-1	6355552	6261775	6164886	6260738	1.52	cps
Sulfur	34-1	643035	649417	647616	646689	0.51	cps
Terbium	159-1	4205322	4783777	4749081	4579393	7.08	cps
Terbium	159-2	1576400	1611112	1679580	1622364	3.24	cps
Thallium	203-1	1332183	1320665	1287051	1313300	1.79	cps
Thallium	205-1	3221900	3253822	3117810	3197844	2.22	cps
Tin	118-1	1707050	1685614	1646362	1679676	1.83	cps
Titanium	47-1	1972683	1936700	1939250	1949544	1.03	cps
Uranium	238-1	4118362	4094584	3928645	4047197	2.55	cps
Vanadium	51-2	359788	362544	363646	361993	0.55	cps
Yttrium	89-1	4664632	5205002	5252993	5040876	6.48	cps
Yttrium	89-2	281162	287783	302085	290343	3.68	cps
Zinc	66-2	169352	167946	168347	168549	0.43	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:49:08	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4117564	3964049	3986509	4022707	2.06	cps
Zirconium	91-1	888307	876022	861633	875321	1.53	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:57:07	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55	88	53	65	30.04	cps
Antimony	121-1	408	758	800	656	32.81	cps
Arsenic	75-2	9	9	9	9	0.00	cps
Barium	135-1	67	58	42	56	22.91	cps
Barium	137-1	83	92	67	81	15.80	cps
Beryllium	9-1	30	37	43	37	18.18	cps
Bismuth	209-1	2426130	2415898	2418633	2420220	0.22	cps
Bismuth	209-2	1083568	1049849	1064711	1066043	1.59	cps
Boron	10-1	650	650	608	636	3.78	cps
Boron	11-1	2809	3734	2150	2898	27.46	cps
Cadmium	111-1	827	862	903	864	4.40	cps
Cadmium	106-1	1192	1242	1300	1245	4.36	cps
Cadmium	108-1	17	17	17	17	0.00	cps
Calcium	43-1	363	443	400	402	9.96	cps
Calcium	44-1	82064	81457	80636	81386	0.88	cps
Chromium	52-2	2080	2074	1957	2037	3.41	cps
Cobalt	59-2	100	103	63	89	24.97	cps
Copper	63-2	303	293	247	281	10.76	cps
Dysprosium	156-1	0	42	17	19	107.85	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	33	8	22	57.29	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	8	33	50	31	68.64	cps
Gadolinium	160-2	10	0	0	3	173.21	cps
Holmium	165-1	4223928	4247751	4229494	4233724	0.29	cps
Holmium	165-2	1518690	1480257	1508496	1502481	1.33	cps
Indium	115-1	4180017	4094944	4155279	4143413	1.06	cps
Indium	115-2	336981	325889	329071	330647	1.73	cps
Iron	56-2	5596	5840	5562	5666	2.68	cps
Iron	57-2	106	189	150	148	28.15	cps
Krypton	83-1	547	577	623	582	6.64	cps
Lead	206-1	328	511	389	409	22.81	cps
Lead	207-1	467	261	383	370	27.92	cps
Lead	208-1	1756	1722	1645	1708	3.34	cps
Lithium	6-1	348649	357551	346127	350776	1.71	cps
Magnesium	24-2	208	358	358	308	28.09	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:57:07	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	127	127	153	136	11.36	cps
Molybdenum	94-1	300	358	275	311	13.75	cps
Molybdenum	95-1	192	142	267	200	31.46	cps
Molybdenum	96-1	200	300	233	244	20.83	cps
Molybdenum	97-1	217	275	167	219	24.71	cps
Molybdenum	98-1	267	242	275	261	6.64	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	127	123	130	127	2.63	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	7085	6927	6827	6946	1.88	cps
Rhodium	103-1	4362193	4377323	4403284	4380933	0.47	cps
Rhodium	103-2	1810649	1743095	1773760	1775835	1.90	cps
Scandium	45-1	3589957	3530613	3470906	3530492	1.69	cps
Scandium	45-2	49832	48477	48778	49029	1.45	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-69	-57	-79	-68	-16.13	cps
Silicon	28-1	269413	270039	269703	269718	0.12	cps
Silver	109-1	117	117	92	108	13.32	cps
Silver	107-1	125	150	167	147	14.24	cps
Sodium	23-2	18521	19113	18563	18732	1.77	cps
Strontium	86-1	808	817	767	797	3.36	cps
Strontium	88-1	125	83	58	89	37.89	cps
Sulfur	34-1	400386	403719	398186	400764	0.70	cps
Terbium	159-1	4445438	4413400	4479186	4446008	0.74	cps
Terbium	159-2	1525420	1505831	1510498	1513917	0.68	cps
Thallium	203-1	33	33	33	33	0.00	cps
Thallium	205-1	133	167	142	147	11.78	cps
Tin	118-1	200	275	400	292	34.64	cps
Titanium	47-1	167	183	175	175	4.76	cps
Uranium	238-1	33	67	33	44	43.31	cps
Vanadium	51-2	13	17	10	13	25.01	cps
Yttrium	89-1	5068253	5005898	5024319	5032823	0.64	cps
Yttrium	89-2	282049	273604	278672	278108	1.53	cps
Zinc	66-2	127	123	93	114	16.04	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 13:57:07	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	392	408	533	444	17.42	cps
Zirconium	91-1	67	142	133	114	36.10	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-11 Instrumnet Name : P8
 Client Sample ID : P001-SD004-0006-01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 14:03:32 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	554808	552039	562017	556288	0.93	cps
Antimony	121-1	1167	1292	1317	1258	6.39	cps
Arsenic	75-2	1324	1398	1391	1371	2.98	cps
Barium	135-1	1732985	1720707	1705083	1719592	0.81	cps
Barium	137-1	2982989	3013632	2976744	2991122	0.66	cps
Beryllium	9-1	2124	2184	2047	2118	3.24	cps
Bismuth	209-1	2462574	2412532	2317125	2397410	3.08	cps
Bismuth	209-2	1083576	1068343	1091423	1081114	1.09	cps
Boron	10-1	933	825	758	839	10.53	cps
Boron	11-1	5109	4518	4384	4670	8.27	cps
Cadmium	111-1	3486	3287	3233	3335	3.99	cps
Cadmium	106-1	1925	1992	1834	1917	4.15	cps
Cadmium	108-1	238	183	221	214	12.97	cps
Calcium	43-1	327565	333945	332169	331226	0.99	cps
Calcium	44-1	5455133	5440812	5430008	5441984	0.23	cps
Chromium	52-2	45801	44401	46119	45440	2.01	cps
Cobalt	59-2	26796	26749	27330	26958	1.20	cps
Copper	63-2	147995	147331	147833	147720	0.23	cps
Dysprosium	156-1	41810	43390	42345	42515	1.89	cps
Dysprosium	156-2	15950	16501	16647	16366	2.25	cps
Erbium	164-1	33160	33904	33444	33502	1.12	cps
Erbium	164-2	12103	12056	12646	12268	2.68	cps
Gadolinium	160-1	40732	40397	39921	40350	1.01	cps
Gadolinium	160-2	19552	19605	19862	19673	0.84	cps
Holmium	165-1	4393340	4310404	4178931	4294225	2.52	cps
Holmium	165-2	1574694	1542069	1552080	1556281	1.07	cps
Indium	115-1	4273222	4148454	3985391	4135689	3.49	cps
Indium	115-2	339247	326421	329792	331820	2.00	cps
Iron	56-2	26766894	26377935	26869953	26671594	0.97	cps
Iron	57-2	662191	663888	668674	664918	0.51	cps
Krypton	83-1	643	657	697	666	4.17	cps
Lead	206-1	372392	370358	371699	371483	0.28	cps
Lead	207-1	308353	312033	314880	311756	1.05	cps
Lead	208-1	1444775	1448892	1458202	1450623	0.47	cps
Lithium	6-1	361818	350320	348310	353482	2.06	cps
Magnesium	24-2	236569	238736	236047	237117	0.60	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-11	Instrumnet Name :	P8
Client Sample ID :	P001-SD004-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:03:32	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	649312	646644	647848	647935	0.21	cps
Molybdenum	94-1	23805	23045	23780	23544	1.83	cps
Molybdenum	95-1	4401	4301	4793	4498	5.78	cps
Molybdenum	96-1	8028	8586	8645	8420	4.05	cps
Molybdenum	97-1	2475	2734	2909	2706	8.06	cps
Molybdenum	98-1	6627	6869	6835	6777	1.93	cps
Neodymium	150-1	55330	55739	55150	55406	0.54	cps
Neodymium	150-2	13707	13591	13661	13653	0.43	cps
Nickel	60-2	26258	26793	26549	26533	1.01	cps
Phosphorus	31-2	3392	3426	3634	3484	3.76	cps
Potassium	39-2	61937	61008	60171	61039	1.45	cps
Rhodium	103-1	4409264	4297035	4159325	4288541	2.92	cps
Rhodium	103-2	1819670	1772559	1765918	1786049	1.64	cps
Scandium	45-1	3753996	3611841	3629943	3665260	2.11	cps
Scandium	45-2	51839	49939	50086	50621	2.09	cps
Selenium	77-2	113	103	117	111	6.24	cps
Selenium	78-2	57	74	70	67	13.01	cps
Selenium	82-1	295	287	284	288	2.04	cps
Silicon	28-1	26863487	27471474	27129731	27154897	1.12	cps
Silver	109-1	475	550	617	547	12.95	cps
Silver	107-1	592	658	533	594	10.52	cps
Sodium	23-2	80008	80763	80771	80514	0.54	cps
Strontium	86-1	237618	236834	236088	236847	0.32	cps
Strontium	88-1	2000424	2058493	2066812	2041910	1.77	cps
Sulfur	34-1	588692	580615	567968	579092	1.80	cps
Terbium	159-1	4626695	4490568	4375671	4497645	2.79	cps
Terbium	159-2	1597155	1550678	1529347	1559060	2.22	cps
Thallium	203-1	1267	1542	1450	1420	9.87	cps
Thallium	205-1	3401	3334	3709	3481	5.75	cps
Tin	118-1	3101	3184	3009	3098	2.83	cps
Titanium	47-1	60531	61578	59855	60655	1.43	cps
Uranium	238-1	25786	24601	25987	25458	2.94	cps
Vanadium	51-2	40977	40027	41150	40718	1.48	cps
Yttrium	89-1	5759292	5679891	5539672	5659618	1.96	cps
Yttrium	89-2	323032	317392	315618	318681	1.21	cps
Zinc	66-2	43010	43806	43401	43406	0.92	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-11	Instrumnet Name :	P8
Client Sample ID :	P001-SD004-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:03:32	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	59213	61172	60402	60262	1.64	cps
Zirconium	91-1	13716	13207	12923	13282	3.02	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-12 Instrumnet Name : P8
 Client Sample ID : P001-SD004-0612-01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 14:06:56 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1299906	1306415	1299758	1302026	0.29	cps
Antimony	121-1	392	333	358	361	8.10	cps
Arsenic	75-2	937	972	965	958	1.94	cps
Barium	135-1	1827536	1882518	1873525	1861193	1.58	cps
Barium	137-1	3230424	3226793	3268987	3242068	0.72	cps
Beryllium	9-1	2407	2380	2534	2440	3.36	cps
Bismuth	209-1	2420429	2516413	2329127	2421990	3.87	cps
Bismuth	209-2	1090965	1146574	1112297	1116612	2.51	cps
Boron	10-1	592	742	808	714	15.55	cps
Boron	11-1	3359	3651	3859	3623	6.93	cps
Cadmium	111-1	1492	1683	1706	1627	7.23	cps
Cadmium	106-1	1684	1984	1975	1881	9.09	cps
Cadmium	108-1	183	163	133	160	15.72	cps
Calcium	43-1	296797	298159	299243	298067	0.41	cps
Calcium	44-1	4839529	4814993	4875629	4843384	0.63	cps
Chromium	52-2	117152	117011	116274	116812	0.40	cps
Cobalt	59-2	95518	95333	94846	95232	0.36	cps
Copper	63-2	99869	99845	101074	100263	0.70	cps
Dysprosium	156-1	65222	65038	66286	65515	1.03	cps
Dysprosium	156-2	26210	26220	26240	26223	0.06	cps
Erbium	164-1	52349	53252	53369	52990	1.05	cps
Erbium	164-2	18924	18620	18310	18618	1.65	cps
Gadolinium	160-1	63816	64736	63891	64148	0.80	cps
Gadolinium	160-2	30346	30830	30436	30537	0.84	cps
Holmium	165-1	4256468	4613649	4200205	4356774	5.15	cps
Holmium	165-2	1574453	1709058	1643918	1642476	4.10	cps
Indium	115-1	4069893	4399030	3951945	4140289	5.60	cps
Indium	115-2	323160	350397	332487	335348	4.13	cps
Iron	56-2	101690111	99371269	98631158	99897512	1.60	cps
Iron	57-2	2602749	2566716	2561431	2576965	0.87	cps
Krypton	83-1	737	747	733	739	0.94	cps
Lead	206-1	245788	247525	249290	247535	0.71	cps
Lead	207-1	203728	205574	207449	205584	0.90	cps
Lead	208-1	963121	964403	969438	965654	0.35	cps
Lithium	6-1	383307	407633	384136	391692	3.53	cps
Magnesium	24-2	1209436	1226572	1209252	1215087	0.82	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-12	Instrumnet Name :	P8
Client Sample ID :	P001-SD004-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:06:56	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	664579	658927	655840	659782	0.67	cps
Molybdenum	94-1	50378	50838	51265	50827	0.87	cps
Molybdenum	95-1	1467	1458	1592	1506	4.96	cps
Molybdenum	96-1	10013	9979	10413	10135	2.38	cps
Molybdenum	97-1	925	1017	1033	992	5.88	cps
Molybdenum	98-1	2517	2409	2800	2575	7.85	cps
Neodymium	150-1	94700	94371	96963	95345	1.48	cps
Neodymium	150-2	23825	23735	23601	23721	0.47	cps
Nickel	60-2	72142	72082	71171	71798	0.76	cps
Phosphorus	31-2	3992	3692	3976	3887	4.34	cps
Potassium	39-2	115093	116261	115522	115625	0.51	cps
Rhodium	103-1	4211449	4502298	4058535	4257427	5.29	cps
Rhodium	103-2	1713669	1851000	1786366	1783678	3.85	cps
Scandium	45-1	3703098	3955105	3590260	3749488	4.98	cps
Scandium	45-2	50193	52324	51257	51258	2.08	cps
Selenium	77-2	173	137	187	166	15.64	cps
Selenium	78-2	98	111	119	109	9.44	cps
Selenium	82-1	134	77	116	109	26.76	cps
Silicon	28-1	57573703	58346614	59003855	58308058	1.23	cps
Silver	109-1	575	767	550	631	18.80	cps
Silver	107-1	550	692	575	606	12.49	cps
Sodium	23-2	106538	103089	103190	104272	1.88	cps
Strontium	86-1	212428	213421	217288	214379	1.20	cps
Strontium	88-1	1846042	1850413	1892905	1863120	1.39	cps
Sulfur	34-1	350689	343693	340562	344981	1.50	cps
Terbium	159-1	4485440	4842020	4414845	4580768	5.00	cps
Terbium	159-2	1579164	1690808	1639266	1636413	3.41	cps
Thallium	203-1	2450	2667	2659	2592	4.74	cps
Thallium	205-1	5960	6277	5835	6024	3.78	cps
Tin	118-1	1867	1692	1892	1817	6.00	cps
Titanium	47-1	94123	92749	94065	93646	0.83	cps
Uranium	238-1	29277	28776	29294	29116	1.01	cps
Vanadium	51-2	78270	77352	77728	77783	0.59	cps
Yttrium	89-1	5957749	6099131	5767122	5941334	2.80	cps
Yttrium	89-2	326529	344637	333665	334944	2.72	cps
Zinc	66-2	72706	71771	72569	72348	0.70	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-12	Instrumnet Name :	P8
Client Sample ID :	P001-SD004-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:06:56	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	141201	138104	141074	140126	1.25	cps
Zirconium	91-1	30970	29984	30460	30471	1.62	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-13	Instrumnet Name :	P8
Client Sample ID :	P001-SD005-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:10:16	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	770745	759601	761385	763910	0.78	cps
Antimony	121-1	1500	1325	1383	1403	6.35	cps
Arsenic	75-2	6868	6717	6839	6808	1.18	cps
Barium	135-1	656266	658881	658678	657942	0.22	cps
Barium	137-1	1148613	1146028	1145685	1146775	0.14	cps
Beryllium	9-1	2477	2630	2630	2579	3.43	cps
Bismuth	209-1	2485393	2497291	2526712	2503132	0.85	cps
Bismuth	209-2	1157569	1152723	1104899	1138397	2.56	cps
Boron	10-1	1508	1442	1684	1545	8.08	cps
Boron	11-1	8511	8670	8703	8628	1.19	cps
Cadmium	111-1	3806	3818	3957	3860	2.17	cps
Cadmium	106-1	2859	2967	2925	2917	1.87	cps
Cadmium	108-1	642	621	446	569	18.89	cps
Calcium	43-1	307724	306513	310604	308280	0.68	cps
Calcium	44-1	4982675	5048696	5045769	5025713	0.74	cps
Chromium	52-2	134455	133270	133294	133673	0.51	cps
Cobalt	59-2	168785	170715	170253	169918	0.59	cps
Copper	63-2	297727	294803	296687	296406	0.50	cps
Dysprosium	156-1	119957	117835	119079	118957	0.90	cps
Dysprosium	156-2	46924	47138	47051	47038	0.23	cps
Erbium	164-1	104578	106122	104728	105143	0.81	cps
Erbium	164-2	35893	35572	36398	35954	1.16	cps
Gadolinium	160-1	121842	120092	119055	120330	1.17	cps
Gadolinium	160-2	56314	56190	56063	56189	0.22	cps
Holmium	165-1	4421015	4459221	4594602	4491613	2.03	cps
Holmium	165-2	1700741	1680449	1623887	1668359	2.39	cps
Indium	115-1	4173148	4183500	4312289	4222979	1.84	cps
Indium	115-2	346208	344109	333591	341302	1.98	cps
Iron	56-2	100486174	99897591	99559099	99980955	0.47	cps
Iron	57-2	2550237	2572825	2552548	2558537	0.49	cps
Krypton	83-1	693	730	737	720	3.24	cps
Lead	206-1	233448	232867	233482	233266	0.15	cps
Lead	207-1	191653	193300	195217	193390	0.92	cps
Lead	208-1	905032	909292	916461	910262	0.63	cps
Lithium	6-1	375450	382655	395339	384481	2.62	cps
Magnesium	24-2	1426326	1410448	1405535	1414103	0.77	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-13	Instrumnet Name :	P8
Client Sample ID :	P001-SD005-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:10:16	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	476117	472414	472520	473684	0.45	cps
Molybdenum	94-1	202567	201796	203073	202479	0.32	cps
Molybdenum	95-1	10896	10379	10496	10591	2.56	cps
Molybdenum	96-1	42894	42810	44675	43460	2.42	cps
Molybdenum	97-1	6152	6594	6418	6388	3.48	cps
Molybdenum	98-1	15409	15985	16928	16107	4.76	cps
Neodymium	150-1	158272	158270	163699	160080	1.96	cps
Neodymium	150-2	38282	37473	38650	38135	1.58	cps
Nickel	60-2	136754	134200	136431	135795	1.02	cps
Phosphorus	31-2	4076	3901	3967	3981	2.22	cps
Potassium	39-2	171989	169508	169541	170346	0.84	cps
Rhodium	103-1	4271989	4352192	4417382	4347188	1.68	cps
Rhodium	103-2	1847388	1845415	1787136	1826646	1.87	cps
Scandium	45-1	3788444	3841610	3936829	3855628	1.95	cps
Scandium	45-2	54843	55041	52946	54277	2.13	cps
Selenium	77-2	323	277	280	293	8.87	cps
Selenium	78-2	206	187	183	192	6.20	cps
Selenium	82-1	735	718	652	702	6.24	cps
Silicon	28-1	46417061	46439489	46965938	46607496	0.67	cps
Silver	109-1	1425	1333	1709	1489	13.13	cps
Silver	107-1	1950	1942	1892	1928	1.64	cps
Sodium	23-2	99136	98725	100194	99351	0.76	cps
Strontium	86-1	140796	144534	142925	142751	1.31	cps
Strontium	88-1	1208768	1213100	1214411	1212093	0.24	cps
Sulfur	34-1	767663	759444	759925	762344	0.61	cps
Terbium	159-1	4761698	4699374	4813885	4758319	1.20	cps
Terbium	159-2	1711107	1684012	1632867	1675996	2.37	cps
Thallium	203-1	1358	1684	1592	1545	10.85	cps
Thallium	205-1	4009	4234	4084	4109	2.79	cps
Tin	118-1	4301	4709	4026	4345	7.91	cps
Titanium	47-1	665427	661819	666736	664661	0.38	cps
Uranium	238-1	87266	88012	89077	88118	1.03	cps
Vanadium	51-2	114853	114943	115683	115160	0.40	cps
Yttrium	89-1	6831231	6903227	6915731	6883396	0.66	cps
Yttrium	89-2	390584	389183	381625	387130	1.24	cps
Zinc	66-2	91788	92338	92677	92268	0.49	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-13	Instrumnet Name :	P8
Client Sample ID :	P001-SD005-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:10:16	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	553833	556373	551053	553753	0.48	cps
Zirconium	91-1	121114	121044	120942	121033	0.07	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-14	Instrumnet Name :	P8
Client Sample ID :	P001-SD005-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:13:38	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	853438	850864	843099	849134	0.63	cps
Antimony	121-1	2250	2650	2284	2395	9.27	cps
Arsenic	75-2	11181	11231	11079	11163	0.69	cps
Barium	135-1	817912	827222	839441	828192	1.30	cps
Barium	137-1	1432817	1443188	1431394	1435800	0.45	cps
Beryllium	9-1	3767	3777	3657	3734	1.78	cps
Bismuth	209-1	2507706	2593162	2669574	2590148	3.13	cps
Bismuth	209-2	1104240	1095132	1117680	1105684	1.03	cps
Boron	10-1	1542	1408	1784	1578	12.05	cps
Boron	11-1	7527	8036	8128	7897	4.09	cps
Cadmium	111-1	4115	4629	4670	4472	6.92	cps
Cadmium	106-1	3909	4293	4134	4112	4.69	cps
Cadmium	108-1	763	692	671	708	6.78	cps
Calcium	43-1	347400	351294	351402	350032	0.65	cps
Calcium	44-1	5711580	5732139	5621389	5688369	1.04	cps
Chromium	52-2	168625	167371	166746	167581	0.57	cps
Cobalt	59-2	341863	338024	336440	338776	0.82	cps
Copper	63-2	290056	289226	287412	288898	0.47	cps
Dysprosium	156-1	163132	163291	162705	163043	0.19	cps
Dysprosium	156-2	66655	66539	66354	66516	0.23	cps
Erbium	164-1	154642	154030	159132	155935	1.79	cps
Erbium	164-2	55428	54430	55119	54992	0.93	cps
Gadolinium	160-1	166950	170612	172046	169869	1.55	cps
Gadolinium	160-2	80359	78561	79155	79358	1.15	cps
Holmium	165-1	4540499	4607738	4828381	4658873	3.23	cps
Holmium	165-2	1640736	1620075	1666196	1642336	1.41	cps
Indium	115-1	4271992	4291912	4498599	4354168	2.88	cps
Indium	115-2	326902	321373	330553	326276	1.42	cps
Iron	56-2	126608383	125319406	124697156	125541648	0.78	cps
Iron	57-2	3211085	3239593	3237995	3229558	0.50	cps
Krypton	83-1	853	903	887	881	2.89	cps
Lead	206-1	236990	233855	236935	235927	0.76	cps
Lead	207-1	195304	193300	196984	195196	0.94	cps
Lead	208-1	916195	910497	922739	916477	0.67	cps
Lithium	6-1	372175	380524	395053	382584	3.03	cps
Magnesium	24-2	1498859	1513764	1481339	1497987	1.08	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-14	Instrumnet Name :	P8
Client Sample ID :	P001-SD005-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:13:38	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	628335	629728	623304	627123	0.54	cps
Molybdenum	94-1	306277	311463	308738	308826	0.84	cps
Molybdenum	95-1	14942	15326	15535	15268	1.97	cps
Molybdenum	96-1	65810	67502	66849	66720	1.28	cps
Molybdenum	97-1	9954	9929	9587	9823	2.09	cps
Molybdenum	98-1	24239	24498	24556	24431	0.69	cps
Neodymium	150-1	198756	196388	199103	198082	0.75	cps
Neodymium	150-2	47931	48369	48112	48137	0.46	cps
Nickel	60-2	196828	196966	197242	197012	0.11	cps
Phosphorus	31-2	3342	3534	3834	3570	6.94	cps
Potassium	39-2	159662	158710	157405	158592	0.71	cps
Rhodium	103-1	4385398	4454557	4611855	4483937	2.59	cps
Rhodium	103-2	1758964	1729697	1745685	1744782	0.84	cps
Scandium	45-1	4098203	4117396	4281980	4165860	2.42	cps
Scandium	45-2	54077	53261	55877	54405	2.46	cps
Selenium	77-2	427	430	443	433	2.04	cps
Selenium	78-2	243	219	270	244	10.64	cps
Selenium	82-1	1123	1003	1097	1075	5.90	cps
Silicon	28-1	38967626	39282285	38716081	38988664	0.73	cps
Silver	109-1	1442	1475	1442	1453	1.33	cps
Silver	107-1	1892	1917	1684	1831	7.00	cps
Sodium	23-2	95704	95805	94807	95439	0.58	cps
Strontium	86-1	187369	190520	192209	190033	1.29	cps
Strontium	88-1	1641252	1651721	1647827	1646934	0.32	cps
Sulfur	34-1	926994	932997	910072	923354	1.29	cps
Terbium	159-1	4760275	4816102	5083493	4886623	3.54	cps
Terbium	159-2	1648063	1606093	1702968	1652374	2.94	cps
Thallium	203-1	1792	1975	1775	1847	6.01	cps
Thallium	205-1	4309	4318	4218	4281	1.30	cps
Tin	118-1	4826	4968	4968	4921	1.66	cps
Titanium	47-1	736824	743726	738903	739817	0.48	cps
Uranium	238-1	152492	156262	156997	155250	1.56	cps
Vanadium	51-2	207712	208088	208826	208208	0.27	cps
Yttrium	89-1	7945436	8014397	8200533	8053455	1.64	cps
Yttrium	89-2	430911	429431	425949	428764	0.59	cps
Zinc	66-2	124159	122902	123302	123454	0.52	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-14	Instrumnet Name :	P8
Client Sample ID :	P001-SD005-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:13:38	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	838018	838132	848161	841437	0.69	cps
Zirconium	91-1	183524	184588	186809	184974	0.91	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-15	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:17:00	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1132726	1145338	1153410	1143825	0.91	cps
Antimony	121-1	6769	7177	7803	7250	7.18	cps
Arsenic	75-2	3767	3665	3762	3731	1.54	cps
Barium	135-1	4723149	4852461	4712783	4762798	1.63	cps
Barium	137-1	8151732	8331928	8131862	8205174	1.34	cps
Beryllium	9-1	5698	6265	5848	5937	4.95	cps
Bismuth	209-1	2688131	2699937	2382867	2590312	6.94	cps
Bismuth	209-2	1080758	1076680	1129935	1095791	2.70	cps
Boron	10-1	1884	1892	1909	1895	0.67	cps
Boron	11-1	9429	9763	9520	9570	1.80	cps
Cadmium	111-1	9301	9421	9465	9396	0.90	cps
Cadmium	106-1	3101	3159	3192	3151	1.47	cps
Cadmium	108-1	763	663	733	719	7.15	cps
Calcium	43-1	1664397	1669539	1648688	1660875	0.65	cps
Calcium	44-1	26012659	26555951	25856097	26141569	1.41	cps
Chromium	52-2	130838	130875	132140	131284	0.56	cps
Cobalt	59-2	106960	109496	108566	108341	1.18	cps
Copper	63-2	566713	578520	573743	572992	1.04	cps
Dysprosium	156-1	104441	106162	102097	104233	1.96	cps
Dysprosium	156-2	40102	41158	41239	40833	1.55	cps
Erbium	164-1	93577	97144	92068	94263	2.76	cps
Erbium	164-2	32240	32581	33340	32720	1.72	cps
Gadolinium	160-1	103443	107918	105432	105598	2.12	cps
Gadolinium	160-2	47985	48607	48460	48350	0.67	cps
Holmium	165-1	4858717	4571102	4316594	4582137	5.92	cps
Holmium	165-2	1597712	1584139	1657781	1613211	2.43	cps
Indium	115-1	4532138	4210623	4002879	4248546	6.28	cps
Indium	115-2	322282	321651	331614	325182	1.72	cps
Iron	56-2	93804355	94073099	94227294	94034916	0.23	cps
Iron	57-2	2381133	2411469	2453230	2415278	1.50	cps
Krypton	83-1	820	763	743	776	5.13	cps
Lead	206-1	1278165	1358225	1283839	1306743	3.42	cps
Lead	207-1	1066849	1165854	1075973	1102892	4.96	cps
Lead	208-1	5113509	5532077	5079766	5241784	4.81	cps
Lithium	6-1	382763	391534	347928	374075	6.17	cps
Magnesium	24-2	1046647	1059616	1063323	1056529	0.83	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-15	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:17:00	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3976228	3992737	4006689	3991885	0.38	cps
Molybdenum	94-1	101620	105797	103282	103566	2.03	cps
Molybdenum	95-1	16177	16770	15977	16308	2.53	cps
Molybdenum	96-1	33994	34763	33409	34055	1.99	cps
Molybdenum	97-1	9954	10346	9887	10062	2.46	cps
Molybdenum	98-1	24757	26160	25709	25542	2.80	cps
Neodymium	150-1	115215	121736	115249	117400	3.20	cps
Neodymium	150-2	27536	27843	27873	27751	0.67	cps
Nickel	60-2	88821	91384	90002	90069	1.42	cps
Phosphorus	31-2	7394	7202	7636	7411	2.93	cps
Potassium	39-2	153690	152705	153699	153365	0.37	cps
Rhodium	103-1	4621292	4347191	4206512	4391665	4.80	cps
Rhodium	103-2	1737484	1742700	1820010	1766731	2.62	cps
Scandium	45-1	4014432	3681845	3611157	3769145	5.71	cps
Scandium	45-2	51116	50564	52110	51263	1.53	cps
Selenium	77-2	200	220	270	230	15.68	cps
Selenium	78-2	170	211	139	173	20.88	cps
Selenium	82-1	1372	1508	1431	1437	4.78	cps
Silicon	28-1	25479734	26592184	25295754	25789224	2.72	cps
Silver	109-1	3559	3792	3334	3562	6.44	cps
Silver	107-1	3859	3909	3867	3879	0.69	cps
Sodium	23-2	138915	138316	140218	139150	0.70	cps
Strontium	86-1	1096022	1196932	1094659	1129204	5.19	cps
Strontium	88-1	9267610	9942390	9170933	9460311	4.44	cps
Sulfur	34-1	1170872	1207076	1186044	1187997	1.53	cps
Terbium	159-1	5106797	4792622	4555582	4818334	5.74	cps
Terbium	159-2	1586356	1627081	1677975	1630471	2.82	cps
Thallium	203-1	2950	3234	3101	3095	4.58	cps
Thallium	205-1	6844	6819	6569	6744	2.26	cps
Tin	118-1	9871	9796	9370	9679	2.79	cps
Titanium	47-1	162641	165486	162061	163396	1.12	cps
Uranium	238-1	55986	61268	54663	57305	6.10	cps
Vanadium	51-2	127561	129680	129128	128790	0.85	cps
Yttrium	89-1	7294891	7145578	6771405	7070625	3.81	cps
Yttrium	89-2	373262	376410	382161	377278	1.20	cps
Zinc	66-2	141348	143546	142193	142362	0.78	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-15	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:17:00	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	261632	274463	264863	266986	2.50	cps
Zirconium	91-1	57982	60396	57715	58698	2.52	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:20:19	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	433829	430789	432605	432408	0.35	cps
Antimony	121-1	850	775	858	828	5.55	cps
Arsenic	75-2	822	689	835	782	10.35	cps
Barium	135-1	2590911	2560564	2563099	2571525	0.65	cps
Barium	137-1	4414781	4431561	4419503	4421948	0.20	cps
Beryllium	9-1	1273	1180	1277	1243	4.41	cps
Bismuth	209-1	2686020	2508136	2451405	2548520	4.80	cps
Bismuth	209-2	1131123	1132380	1134821	1132775	0.17	cps
Boron	10-1	467	542	542	517	8.38	cps
Boron	11-1	2634	2400	2842	2625	8.42	cps
Cadmium	111-1	2430	2700	2521	2550	5.39	cps
Cadmium	106-1	1659	1709	1550	1639	4.94	cps
Cadmium	108-1	188	221	104	171	35.18	cps
Calcium	43-1	494147	486191	492371	490903	0.85	cps
Calcium	44-1	7987640	7873212	8030379	7963744	1.02	cps
Chromium	52-2	32398	32421	32505	32441	0.17	cps
Cobalt	59-2	17174	17818	17214	17402	2.07	cps
Copper	63-2	123102	126119	124165	124462	1.23	cps
Dysprosium	156-1	34605	34738	34647	34663	0.20	cps
Dysprosium	156-2	12913	12636	12613	12721	1.31	cps
Erbium	164-1	28157	27839	28290	28095	0.82	cps
Erbium	164-2	9790	9750	9607	9716	0.99	cps
Gadolinium	160-1	32433	33419	32818	32890	1.51	cps
Gadolinium	160-2	15099	15456	14952	15169	1.71	cps
Holmium	165-1	4714386	4495301	4324642	4511443	4.33	cps
Holmium	165-2	1642247	1643232	1621400	1635626	0.75	cps
Indium	115-1	4456453	4284860	4121125	4287479	3.91	cps
Indium	115-2	335587	331354	335008	333983	0.69	cps
Iron	56-2	14779495	14742106	14633372	14718324	0.52	cps
Iron	57-2	366615	371859	368686	369053	0.72	cps
Krypton	83-1	663	633	640	646	2.44	cps
Lead	206-1	210049	210954	211923	210975	0.44	cps
Lead	207-1	174861	174901	177618	175793	0.90	cps
Lead	208-1	821646	816262	825794	821234	0.58	cps
Lithium	6-1	368836	352422	344863	355374	3.45	cps
Magnesium	24-2	194969	191980	193112	193354	0.78	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:20:19	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	999225	994289	999726	997747	0.30	cps
Molybdenum	94-1	26393	26493	25107	25998	2.97	cps
Molybdenum	95-1	2684	2484	2617	2595	3.93	cps
Molybdenum	96-1	6527	7169	6744	6813	4.79	cps
Molybdenum	97-1	1609	1675	1558	1614	3.63	cps
Molybdenum	98-1	4126	3867	3967	3987	3.27	cps
Neodymium	150-1	50658	50531	51515	50901	1.05	cps
Neodymium	150-2	11962	11882	12309	12051	1.88	cps
Nickel	60-2	14711	15048	14775	14845	1.21	cps
Phosphorus	31-2	1984	2250	2200	2145	6.61	cps
Potassium	39-2	86298	86021	86164	86161	0.16	cps
Rhodium	103-1	4686291	4382419	4237282	4435331	5.17	cps
Rhodium	103-2	1818972	1813177	1827259	1819803	0.39	cps
Scandium	45-1	3763125	3530215	3425788	3573043	4.83	cps
Scandium	45-2	49845	49433	50253	49844	0.82	cps
Selenium	77-2	97	73	90	87	13.86	cps
Selenium	78-2	61	59	74	65	12.46	cps
Selenium	82-1	208	278	175	220	23.85	cps
Silicon	28-1	20933077	20868656	21105979	20969237	0.59	cps
Silver	109-1	383	458	350	397	13.97	cps
Silver	107-1	517	483	425	475	9.77	cps
Sodium	23-2	91410	91594	93070	92025	0.99	cps
Strontium	86-1	335851	331234	332791	333292	0.70	cps
Strontium	88-1	2822363	2823980	2865563	2837302	0.86	cps
Sulfur	34-1	452334	449284	450713	450777	0.34	cps
Terbium	159-1	4934694	4707403	4539535	4727211	4.20	cps
Terbium	159-2	1679909	1644173	1627655	1650579	1.62	cps
Thallium	203-1	2325	2009	2509	2281	11.09	cps
Thallium	205-1	5285	5760	6010	5685	6.48	cps
Tin	118-1	2950	2750	2842	2848	3.52	cps
Titanium	47-1	53186	52776	52474	52812	0.68	cps
Uranium	238-1	16512	15861	16570	16314	2.41	cps
Vanadium	51-2	25637	25640	26225	25834	1.31	cps
Yttrium	89-1	5946004	5549242	5449538	5648261	4.65	cps
Yttrium	89-2	312073	308460	309909	310148	0.59	cps
Zinc	66-2	24432	23567	24619	24206	2.32	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:20:19	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	67537	67577	69369	68161	1.54	cps
Zirconium	91-1	14800	15050	15309	15053	1.69	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-16DUP Instrumnet Name : P8
 Client Sample ID : P001-SD006-0612-01DU Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 14:23:44 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	419649	415022	414155	416275	0.71	cps
Antimony	121-1	908	908	975	931	4.14	cps
Arsenic	75-2	900	783	804	829	7.52	cps
Barium	135-1	2413142	2440996	2444507	2432881	0.71	cps
Barium	137-1	4175267	4249810	4270643	4231907	1.18	cps
Beryllium	9-1	1220	1270	1207	1232	2.71	cps
Bismuth	209-1	2723312	2514609	2616017	2617979	3.99	cps
Bismuth	209-2	1065167	1108587	1147810	1107188	3.73	cps
Boron	10-1	517	550	583	550	6.06	cps
Boron	11-1	2800	2284	2567	2550	10.15	cps
Cadmium	111-1	2452	2357	2399	2403	1.99	cps
Cadmium	106-1	1584	1433	1508	1508	4.97	cps
Cadmium	108-1	188	150	158	165	11.92	cps
Calcium	43-1	474774	478770	477166	476904	0.42	cps
Calcium	44-1	7659838	7704071	7707818	7690575	0.35	cps
Chromium	52-2	32321	32291	32274	32295	0.07	cps
Cobalt	59-2	18055	17041	16890	17329	3.66	cps
Copper	63-2	122263	122874	123570	122902	0.53	cps
Dysprosium	156-1	33453	33678	33611	33580	0.34	cps
Dysprosium	156-2	12810	12550	12253	12537	2.22	cps
Erbium	164-1	27238	26912	28215	27455	2.47	cps
Erbium	164-2	9470	9327	9207	9335	1.41	cps
Gadolinium	160-1	31447	31965	32834	32082	2.18	cps
Gadolinium	160-2	14375	14769	14585	14576	1.35	cps
Holmium	165-1	4903224	4450349	4607504	4653692	4.94	cps
Holmium	165-2	1503452	1570866	1623789	1566036	3.85	cps
Indium	115-1	4590294	4208692	4332240	4377076	4.45	cps
Indium	115-2	313097	324580	336039	324572	3.53	cps
Iron	56-2	15173891	15021324	15021124	15072113	0.58	cps
Iron	57-2	378311	372967	372856	374712	0.83	cps
Krypton	83-1	673	623	623	640	4.51	cps
Lead	206-1	213472	216507	218687	216222	1.21	cps
Lead	207-1	179170	180606	181294	180357	0.60	cps
Lead	208-1	833503	847269	849706	843493	1.04	cps
Lithium	6-1	370127	350240	357798	359388	2.79	cps
Magnesium	24-2	197049	196371	194219	195880	0.75	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16DUP	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01DU	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:23:44	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	981019	977004	970451	976158	0.55	cps
Molybdenum	94-1	26794	25817	27622	26745	3.38	cps
Molybdenum	95-1	2717	2675	2750	2714	1.38	cps
Molybdenum	96-1	7144	7303	6894	7113	2.90	cps
Molybdenum	97-1	1800	2092	1759	1884	9.64	cps
Molybdenum	98-1	4276	4351	4376	4334	1.20	cps
Neodymium	150-1	49461	48959	49199	49206	0.51	cps
Neodymium	150-2	11438	11739	11465	11547	1.44	cps
Nickel	60-2	15245	14948	14641	14945	2.02	cps
Phosphorus	31-2	2234	2159	2084	2159	3.48	cps
Potassium	39-2	85166	84839	84219	84741	0.57	cps
Rhodium	103-1	4713337	4389527	4465782	4522882	3.74	cps
Rhodium	103-2	1689112	1766658	1818630	1758134	3.71	cps
Scandium	45-1	3834436	3499903	3650010	3661450	4.58	cps
Scandium	45-2	46550	47815	50491	48285	4.17	cps
Selenium	77-2	110	83	70	88	23.20	cps
Selenium	78-2	59	48	46	51	13.68	cps
Selenium	82-1	243	284	305	277	11.44	cps
Silicon	28-1	19941829	20228724	20161200	20110584	0.75	cps
Silver	109-1	342	400	358	367	8.20	cps
Silver	107-1	492	483	550	508	7.15	cps
Sodium	23-2	89440	91419	89002	89954	1.43	cps
Strontium	86-1	320070	327146	325843	324353	1.16	cps
Strontium	88-1	2731931	2820070	2812673	2788224	1.75	cps
Sulfur	34-1	451249	452149	445291	449563	0.83	cps
Terbium	159-1	5076391	4684177	4798313	4852960	4.16	cps
Terbium	159-2	1512359	1581855	1626047	1573420	3.64	cps
Thallium	203-1	2150	2125	2067	2114	2.02	cps
Thallium	205-1	5335	5376	5310	5340	0.63	cps
Tin	118-1	3517	2875	2925	3106	11.49	cps
Titanium	47-1	54633	55256	55931	55273	1.17	cps
Uranium	238-1	16103	15903	16036	16014	0.64	cps
Vanadium	51-2	27000	26348	25707	26352	2.45	cps
Yttrium	89-1	6097644	5662886	5738068	5832866	3.98	cps
Yttrium	89-2	291584	304316	307390	301097	2.78	cps
Zinc	66-2	25834	25357	24969	25387	1.71	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16DUP	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01DU	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:23:44	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	69002	70403	69084	69496	1.13	cps
Zirconium	91-1	14558	15568	15593	15240	3.87	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16LX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01L	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 14:27:08	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	91612	90590	90492	90898	0.68	cps
Antimony	121-1	242	150	183	192	24.21	cps
Arsenic	75-2	178	170	181	177	3.20	cps
Barium	135-1	535184	522652	522340	526725	1.39	cps
Barium	137-1	935378	910842	910577	918932	1.55	cps
Beryllium	9-1	293	307	260	287	8.39	cps
Bismuth	209-1	2530705	2646199	2594779	2590561	2.23	cps
Bismuth	209-2	1135292	1106556	1118645	1120164	1.29	cps
Boron	10-1	208	225	267	233	12.88	cps
Boron	11-1	1000	1400	1283	1228	16.75	cps
Cadmium	111-1	1337	1318	1162	1272	7.53	cps
Cadmium	106-1	1475	1433	1242	1383	9.00	cps
Cadmium	108-1	42	33	46	40	15.80	cps
Calcium	43-1	103974	103504	103900	103793	0.24	cps
Calcium	44-1	1782155	1786644	1741754	1770185	1.40	cps
Chromium	52-2	8733	8389	8403	8508	2.29	cps
Cobalt	59-2	3904	3621	3964	3829	4.79	cps
Copper	63-2	26773	27184	26776	26911	0.88	cps
Dysprosium	156-1	7052	7044	7653	7250	4.81	cps
Dysprosium	156-2	2747	2750	2567	2688	3.90	cps
Erbium	164-1	5935	5460	5851	5749	4.41	cps
Erbium	164-2	2074	2074	1730	1959	10.12	cps
Gadolinium	160-1	7536	6644	7002	7061	6.36	cps
Gadolinium	160-2	3194	3200	3197	3197	0.10	cps
Holmium	165-1	4408836	4654828	4381284	4481649	3.36	cps
Holmium	165-2	1589347	1568186	1601934	1586489	1.07	cps
Indium	115-1	4237871	4452656	4298222	4329583	2.56	cps
Indium	115-2	335350	329414	331803	332189	0.90	cps
Iron	56-2	3192457	3171488	3194372	3186106	0.40	cps
Iron	57-2	78342	79705	79124	79057	0.87	cps
Krypton	83-1	613	557	703	624	11.84	cps
Lead	206-1	45203	45354	44807	45121	0.63	cps
Lead	207-1	38241	37807	38470	38173	0.88	cps
Lead	208-1	176573	175713	176328	176205	0.25	cps
Lithium	6-1	331604	345950	336493	338016	2.16	cps
Magnesium	24-2	41395	41219	41386	41333	0.24	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16LX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01L	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 14:27:08	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	210434	211059	208543	210012	0.62	cps
Molybdenum	94-1	5535	5693	5835	5688	2.64	cps
Molybdenum	95-1	425	525	575	508	15.03	cps
Molybdenum	96-1	1667	1475	1467	1536	7.37	cps
Molybdenum	97-1	458	408	358	408	12.24	cps
Molybdenum	98-1	850	983	758	864	13.10	cps
Neodymium	150-1	10992	10651	10785	10809	1.59	cps
Neodymium	150-2	2410	2344	2447	2400	2.18	cps
Nickel	60-2	3237	3137	3140	3172	1.79	cps
Phosphorus	31-2	492	417	408	439	10.46	cps
Potassium	39-2	22669	23429	22853	22983	1.72	cps
Rhodium	103-1	4401475	4579904	4435725	4472368	2.12	cps
Rhodium	103-2	1834863	1774758	1826479	1812033	1.80	cps
Scandium	45-1	3495793	3651395	3501859	3549682	2.48	cps
Scandium	45-2	48865	48504	48276	48548	0.61	cps
Selenium	77-2	27	17	23	22	22.91	cps
Selenium	78-2	19	11	22	17	32.73	cps
Selenium	82-1	-34	58	-95	-24	-325.74	cps
Silicon	28-1	4568622	4537573	4556762	4554319	0.34	cps
Silver	109-1	83	125	108	106	19.87	cps
Silver	107-1	175	125	142	147	17.29	cps
Sodium	23-2	31010	31561	31361	31310	0.89	cps
Strontium	86-1	70642	72402	70215	71086	1.63	cps
Strontium	88-1	606616	597483	600634	601578	0.77	cps
Sulfur	34-1	310280	313056	308655	310664	0.72	cps
Terbium	159-1	4675773	4877874	4724145	4759264	2.22	cps
Terbium	159-2	1628896	1577334	1633359	1613196	1.93	cps
Thallium	203-1	442	475	517	478	7.87	cps
Thallium	205-1	1108	1225	1250	1195	6.33	cps
Tin	118-1	792	850	767	803	5.33	cps
Titanium	47-1	11247	11088	10821	11052	1.95	cps
Uranium	238-1	3109	3401	3626	3378	7.67	cps
Vanadium	51-2	5698	5625	5351	5558	3.29	cps
Yttrium	89-1	5192509	5377967	5245901	5272126	1.81	cps
Yttrium	89-2	287983	277425	283969	283126	1.88	cps
Zinc	66-2	5164	5311	4958	5144	3.45	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16LX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01L	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 14:27:08	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14717	14592	15159	14823	2.01	cps
Zirconium	91-1	3176	3301	3534	3337	5.45	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-17 Instrumnet Name : P8
 Client Sample ID : P001-SD006-0612-01MS Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 14:30:32 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	584756	586998	586548	586101	0.20	cps
Antimony	121-1	323737	324334	329419	325830	0.96	cps
Arsenic	75-2	58709	59288	59429	59142	0.64	cps
Barium	135-1	4549022	4600347	4682244	4610538	1.46	cps
Barium	137-1	7896183	8105411	8064093	8021896	1.38	cps
Beryllium	9-1	299585	303979	306294	303286	1.12	cps
Bismuth	209-1	2550702	2355305	2434850	2446952	4.02	cps
Bismuth	209-2	1174843	1071069	1086975	1110962	5.03	cps
Boron	10-1	38211	38762	38528	38500	0.72	cps
Boron	11-1	192682	195774	197779	195411	1.31	cps
Cadmium	111-1	560010	571175	579998	570394	1.76	cps
Cadmium	106-1	58628	58947	58218	58598	0.62	cps
Cadmium	108-1	38956	40440	40302	39900	2.05	cps
Calcium	43-1	1229201	1207704	1252058	1229655	1.80	cps
Calcium	44-1	19210729	19490697	19498813	19400080	0.85	cps
Chromium	52-2	530059	536524	537655	534746	0.77	cps
Cobalt	59-2	971212	993359	985863	983478	1.15	cps
Copper	63-2	1730180	1759591	1722222	1737331	1.13	cps
Dysprosium	156-1	37773	36844	37196	37271	1.26	cps
Dysprosium	156-2	13774	13948	13978	13900	0.79	cps
Erbium	164-1	30344	30779	31590	30904	2.04	cps
Erbium	164-2	10865	10975	10908	10916	0.51	cps
Gadolinium	160-1	35784	35032	36435	35750	1.96	cps
Gadolinium	160-2	16267	16801	16898	16655	2.04	cps
Holmium	165-1	4524958	4228949	4385859	4379922	3.38	cps
Holmium	165-2	1726804	1550647	1567184	1614878	6.02	cps
Indium	115-1	4218560	3958211	4059322	4078698	3.22	cps
Indium	115-2	344347	312987	317633	324989	5.21	cps
Iron	56-2	41922879	42070766	42172768	42055471	0.30	cps
Iron	57-2	1044580	1059798	1054398	1052926	0.73	cps
Krypton	83-1	790	650	657	699	11.30	cps
Lead	206-1	1336787	1350976	1372773	1353512	1.34	cps
Lead	207-1	1168857	1173560	1191865	1178094	1.03	cps
Lead	208-1	5472197	5486991	5586380	5515189	1.13	cps
Lithium	6-1	349418	329534	343897	340949	3.01	cps
Magnesium	24-2	2246455	2264271	2260559	2257095	0.42	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-17 Instrumnet Name : P8
 Client Sample ID : P001-SD006-0612-01MS Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 14:30:32 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1338909	1342504	1352869	1344761	0.54	cps
Molybdenum	94-1	3963865	3977588	4042778	3994744	1.06	cps
Molybdenum	95-1	5508763	5548913	5623488	5560388	1.05	cps
Molybdenum	96-1	6040057	6114978	6041433	6065489	0.71	cps
Molybdenum	97-1	3391584	3462462	3475375	3443140	1.31	cps
Molybdenum	98-1	8609924	8823858	8870696	8768159	1.59	cps
Neodymium	150-1	52185	52566	53168	52640	0.94	cps
Neodymium	150-2	12399	12226	12499	12375	1.12	cps
Nickel	60-2	306018	309475	307466	307653	0.56	cps
Phosphorus	31-2	2025	2042	1867	1978	4.88	cps
Potassium	39-2	632791	646386	646407	641861	1.22	cps
Rhodium	103-1	4319070	4033031	4125161	4159087	3.51	cps
Rhodium	103-2	1867440	1706372	1733019	1768944	4.88	cps
Scandium	45-1	3571180	3325861	3505311	3467451	3.66	cps
Scandium	45-2	52960	46824	47591	49125	6.81	cps
Selenium	77-2	570	580	590	580	1.72	cps
Selenium	78-2	1637	1596	1574	1603	1.99	cps
Selenium	82-1	40812	41130	41979	41307	1.46	cps
Silicon	28-1	43766585	44108754	44931987	44269109	1.35	cps
Silver	109-1	2049250	2084728	2102725	2078901	1.31	cps
Silver	107-1	2159040	2174915	2211627	2181861	1.24	cps
Sodium	23-2	4207570	4296480	4248702	4250917	1.05	cps
Strontium	86-1	1046508	1057827	1084205	1062847	1.82	cps
Strontium	88-1	8951568	8968272	9149277	9023039	1.22	cps
Sulfur	34-1	489056	487133	492445	489545	0.55	cps
Terbium	159-1	4795798	4424043	4606954	4608932	4.03	cps
Terbium	159-2	1750426	1537165	1613414	1633668	6.61	cps
Thallium	203-1	1305954	1330050	1348532	1328179	1.61	cps
Thallium	205-1	3186009	3220542	3259886	3222146	1.15	cps
Tin	118-1	686749	692237	690464	689817	0.41	cps
Titanium	47-1	1497614	1510800	1528666	1512360	1.03	cps
Uranium	238-1	4184521	4246871	4293105	4241499	1.28	cps
Vanadium	51-2	381094	383226	382635	382318	0.29	cps
Yttrium	89-1	5716481	5318443	5550658	5528527	3.62	cps
Yttrium	89-2	325525	298671	304087	309428	4.59	cps
Zinc	66-2	200081	199557	200939	200192	0.35	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-17	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01MS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:30:32	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2324198	2323249	2371036	2339494	1.17	cps
Zirconium	91-1	492929	497757	509861	500182	1.74	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-18 Instrumnet Name : P8
 Client Sample ID : P001-SD006-0612-01MS Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 14:33:50 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	543988	546882	540344	543738	0.60	cps
Antimony	121-1	331398	329209	331239	330615	0.37	cps
Arsenic	75-2	59974	60625	60242	60280	0.54	cps
Barium	135-1	4688324	4723235	4677561	4696373	0.51	cps
Barium	137-1	8050943	8075298	8169582	8098608	0.77	cps
Beryllium	9-1	315623	315843	317648	316371	0.35	cps
Bismuth	209-1	2517290	2555790	2543089	2538723	0.77	cps
Bismuth	209-2	1084266	1079563	737404	967078	20.57	cps
Boron	10-1	38845	39313	40968	39709	2.81	cps
Boron	11-1	204229	205756	208362	206115	1.01	cps
Cadmium	111-1	580342	576303	587283	581309	0.96	cps
Cadmium	106-1	58929	60168	60352	59816	1.29	cps
Cadmium	108-1	40749	39997	41180	40642	1.47	cps
Calcium	43-1	1210446	1221390	1212310	1214715	0.48	cps
Calcium	44-1	19305247	19566456	19435992	19435898	0.67	cps
Chromium	52-2	528496	533828	535742	532689	0.70	cps
Cobalt	59-2	982945	996137	995182	991422	0.74	cps
Copper	63-2	1786043	1783314	1761468	1776942	0.76	cps
Dysprosium	156-1	33644	33026	33544	33405	0.99	cps
Dysprosium	156-2	12069	12303	11892	12088	1.70	cps
Erbium	164-1	27037	26436	26954	26809	1.21	cps
Erbium	164-2	9237	8967	9257	9153	1.77	cps
Gadolinium	160-1	31406	32917	31222	31848	2.92	cps
Gadolinium	160-2	14502	14368	14659	14509	1.00	cps
Holmium	165-1	4383544	4615141	4435866	4478183	2.71	cps
Holmium	165-2	1562251	1547528	1075379	1395053	19.85	cps
Indium	115-1	4184764	4231370	4211042	4209059	0.56	cps
Indium	115-2	316935	319886	221089	285970	19.66	cps
Iron	56-2	35950237	36448641	36312144	36237007	0.71	cps
Iron	57-2	896968	909256	901015	902413	0.69	cps
Krypton	83-1	623	563	663	617	8.16	cps
Lead	206-1	1354968	1356349	1361913	1357743	0.27	cps
Lead	207-1	1180968	1179242	1193120	1184443	0.64	cps
Lead	208-1	5575128	5532061	5611855	5573015	0.72	cps
Lithium	6-1	353278	362712	356246	357412	1.35	cps
Magnesium	24-2	2197299	2210612	2226482	2211464	0.66	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-18	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01MS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:33:50	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1269901	1284678	1272489	1275689	0.62	cps
Molybdenum	94-1	4129147	4177512	4197213	4167957	0.84	cps
Molybdenum	95-1	5780381	5806040	5819577	5801999	0.34	cps
Molybdenum	96-1	6262118	6334699	6373886	6323568	0.90	cps
Molybdenum	97-1	3543975	3629149	3601723	3591616	1.21	cps
Molybdenum	98-1	9160061	9226597	9054351	9147003	0.95	cps
Neodymium	150-1	50090	49474	51120	50228	1.66	cps
Neodymium	150-2	11312	11769	12059	11713	3.22	cps
Nickel	60-2	303379	305117	306606	305034	0.53	cps
Phosphorus	31-2	2167	2017	1800	1995	9.24	cps
Potassium	39-2	650842	656153	648405	651800	0.61	cps
Rhodium	103-1	4315410	4374248	4294609	4328089	0.95	cps
Rhodium	103-2	1709616	1712930	1188746	1537097	19.63	cps
Scandium	45-1	3599121	3637472	3552740	3596444	1.18	cps
Scandium	45-2	48109	48102	33467	43226	19.55	cps
Selenium	77-2	617	540	557	571	7.06	cps
Selenium	78-2	1739	1708	1746	1731	1.19	cps
Selenium	82-1	41677	42650	42390	42239	1.19	cps
Silicon	28-1	45681521	45723458	45558709	45654563	0.19	cps
Silver	109-1	2084167	2079448	2125466	2096360	1.21	cps
Silver	107-1	2209148	2248345	2247654	2235049	1.00	cps
Sodium	23-2	4303497	4322442	4335921	4320620	0.38	cps
Strontium	86-1	1069412	1061808	1084026	1071749	1.05	cps
Strontium	88-1	9049579	9074094	9122124	9081932	0.41	cps
Sulfur	34-1	483563	482153	477698	481138	0.64	cps
Terbium	159-1	4697356	4807522	4709576	4738151	1.27	cps
Terbium	159-2	1564618	1574340	1052667	1397208	21.36	cps
Thallium	203-1	1339580	1355103	1353730	1349471	0.64	cps
Thallium	205-1	3254103	3300951	3337228	3297427	1.26	cps
Tin	118-1	681285	676622	691740	683215	1.13	cps
Titanium	47-1	1519078	1505178	1551876	1525377	1.57	cps
Uranium	238-1	4305695	4323812	4347285	4325597	0.48	cps
Vanadium	51-2	385160	386509	388789	386819	0.47	cps
Yttrium	89-1	5564972	5675379	5480604	5573652	1.75	cps
Yttrium	89-2	297019	299075	214074	270056	17.96	cps
Zinc	66-2	194088	197413	196212	195904	0.86	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-18	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01MS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:33:50	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2406761	2428057	2432988	2422602	0.58	cps
Zirconium	91-1	512607	517816	524646	518356	1.16	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:41:33	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	445206	443027	443164	443799	0.27	cps
Antimony	121-1	2424867	2411954	2384191	2407004	0.86	cps
Arsenic	75-2	60872	60751	60673	60765	0.16	cps
Barium	135-1	2379208	2339688	2332910	2350602	1.06	cps
Barium	137-1	4118487	4093494	4034208	4082063	1.06	cps
Beryllium	9-1	304719	302855	301779	303118	0.49	cps
Bismuth	209-1	2423877	2430171	2328613	2394220	2.38	cps
Bismuth	209-2	1031498	998471	988216	1006062	2.25	cps
Boron	10-1	40466	42773	42180	41806	2.87	cps
Boron	11-1	216545	222191	218137	218958	1.33	cps
Cadmium	111-1	547471	548288	544744	546834	0.34	cps
Cadmium	106-1	59917	60076	59416	59803	0.58	cps
Cadmium	108-1	39683	40377	39278	39780	1.40	cps
Calcium	43-1	3748349	3775749	3785883	3769994	0.52	cps
Calcium	44-1	59670322	60118227	60075102	59954551	0.41	cps
Chromium	52-2	497393	496168	497518	497026	0.15	cps
Cobalt	59-2	934332	927389	927465	929729	0.43	cps
Copper	63-2	1516953	1517750	1509302	1514669	0.31	cps
Dysprosium	156-1	100	50	42	64	49.39	cps
Dysprosium	156-2	13	3	7	8	65.47	cps
Erbium	164-1	33	42	25	33	25.01	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	25	100	42	56	70.89	cps
Gadolinium	160-2	10	17	3	10	66.70	cps
Holmium	165-1	4446007	4374660	4322104	4380924	1.42	cps
Holmium	165-2	1523140	1478835	1477537	1493171	1.74	cps
Indium	115-1	4090684	4132983	4084266	4102644	0.65	cps
Indium	115-2	315976	311831	309478	312428	1.05	cps
Iron	56-2	83836988	83080019	84040305	83652437	0.60	cps
Iron	57-2	2160351	2148394	2146851	2151866	0.34	cps
Krypton	83-1	547	620	623	597	7.26	cps
Lead	206-1	1052142	1044378	1029738	1042086	1.09	cps
Lead	207-1	957590	951905	923661	944385	1.92	cps
Lead	208-1	4399038	4349166	4282174	4343459	1.35	cps
Lithium	6-1	340920	341850	332276	338349	1.56	cps
Magnesium	24-2	9211144	9166417	9184037	9187200	0.25	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:41:33	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	299105	298776	297578	298486	0.27	cps
Molybdenum	94-1	4686832	4704203	4699205	4696747	0.19	cps
Molybdenum	95-1	5774416	5788255	5708076	5756916	0.74	cps
Molybdenum	96-1	6469255	6417774	6314060	6400363	1.24	cps
Molybdenum	97-1	3627308	3549984	3492067	3556453	1.91	cps
Molybdenum	98-1	9106580	9106106	8954204	9055630	0.97	cps
Neodymium	150-1	133	140	113	129	10.77	cps
Neodymium	150-2	7	0	10	6	91.64	cps
Nickel	60-2	274401	273228	274068	273899	0.22	cps
Phosphorus	31-2	6627	6910	6802	6780	2.11	cps
Potassium	39-2	2952178	2949567	2934656	2945467	0.32	cps
Rhodium	103-1	4234069	4170401	4100530	4168333	1.60	cps
Rhodium	103-2	1699330	1680528	1653035	1677631	1.39	cps
Scandium	45-1	3566135	3542226	3491674	3533345	1.08	cps
Scandium	45-2	50180	48059	47677	48639	2.77	cps
Selenium	77-2	487	490	450	476	4.67	cps
Selenium	78-2	1691	1611	1561	1621	4.03	cps
Selenium	82-1	41667	41116	40666	41149	1.22	cps
Silicon	28-1	1797334	1824012	1820425	1813924	0.80	cps
Silver	109-1	2602279	2586427	2564637	2584447	0.73	cps
Silver	107-1	2737538	2746565	2689079	2724394	1.13	cps
Sodium	23-2	21269384	21083220	21115467	21156024	0.47	cps
Strontium	86-1	736154	738981	724225	733120	1.07	cps
Strontium	88-1	6286028	6319204	6173546	6259593	1.22	cps
Sulfur	34-1	650115	654700	649453	651423	0.44	cps
Terbium	159-1	4684254	4653429	4540616	4626100	1.63	cps
Terbium	159-2	1554104	1494252	1470925	1506427	2.85	cps
Thallium	203-1	1319864	1309046	1286845	1305252	1.29	cps
Thallium	205-1	3251200	3183598	3170651	3201816	1.35	cps
Tin	118-1	1667846	1683240	1654773	1668620	0.85	cps
Titanium	47-1	1905731	1882458	1891803	1893331	0.62	cps
Uranium	238-1	4033997	4005054	3922101	3987051	1.46	cps
Vanadium	51-2	359967	358306	356862	358378	0.43	cps
Yttrium	89-1	5085157	5086745	4970825	5047576	1.32	cps
Yttrium	89-2	278031	274671	269080	273927	1.65	cps
Zinc	66-2	164812	165595	165882	165430	0.33	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:41:33	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4011288	4009645	3948955	3989962	0.89	cps
Zirconium	91-1	867439	872732	862501	867557	0.59	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:47:55	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	63	73	50	62	18.28	cps
Antimony	121-1	717	650	758	708	7.71	cps
Arsenic	75-2	9	4	7	7	41.70	cps
Barium	135-1	83	108	75	89	19.52	cps
Barium	137-1	142	167	117	142	17.65	cps
Beryllium	9-1	50	20	23	31	52.86	cps
Bismuth	209-1	2395402	2378716	2359202	2377774	0.76	cps
Bismuth	209-2	1021300	1030998	1039429	1030576	0.88	cps
Boron	10-1	500	583	458	514	12.39	cps
Boron	11-1	2875	2659	2667	2734	4.49	cps
Cadmium	111-1	955	920	828	901	7.33	cps
Cadmium	106-1	1333	1283	1167	1261	6.78	cps
Cadmium	108-1	4	17	8	10	65.47	cps
Calcium	43-1	467	420	460	449	5.62	cps
Calcium	44-1	92602	90637	90606	91282	1.25	cps
Chromium	52-2	2094	2114	2157	2121	1.53	cps
Cobalt	59-2	123	113	103	113	8.82	cps
Copper	63-2	273	243	267	261	6.03	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	17	17	25	57.73	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	42	58	17	39	53.93	cps
Gadolinium	160-2	7	10	3	7	50.03	cps
Holmium	165-1	4291546	4163847	4123993	4193128	2.09	cps
Holmium	165-2	1437961	1456033	1450662	1448219	0.64	cps
Indium	115-1	4134803	4156261	4101607	4130890	0.67	cps
Indium	115-2	319778	320917	320027	320240	0.19	cps
Iron	56-2	6452	6285	6507	6415	1.80	cps
Iron	57-2	128	189	178	165	19.75	cps
Krypton	83-1	510	637	593	580	11.10	cps
Lead	206-1	461	456	439	452	2.56	cps
Lead	207-1	439	461	450	450	2.47	cps
Lead	208-1	1967	1972	1811	1917	4.77	cps
Lithium	6-1	314472	312158	315793	314141	0.59	cps
Magnesium	24-2	433	550	333	439	24.71	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:47:55	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	113	123	153	130	16.01	cps
Molybdenum	94-1	425	425	358	403	9.56	cps
Molybdenum	95-1	217	275	342	278	22.52	cps
Molybdenum	96-1	275	367	392	344	17.83	cps
Molybdenum	97-1	225	283	392	300	28.19	cps
Molybdenum	98-1	400	425	433	419	4.14	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	137	137	103	126	15.33	cps
Phosphorus	31-2	33	17	0	17	99.99	cps
Potassium	39-2	6710	7052	6502	6755	4.11	cps
Rhodium	103-1	4353043	4300653	4308143	4320613	0.66	cps
Rhodium	103-2	1744042	1781234	1722137	1749138	1.71	cps
Scandium	45-1	3416278	3384504	3402407	3401063	0.47	cps
Scandium	45-2	46918	46694	47480	47031	0.86	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-12	-111	-86	-70	-73.29	cps
Silicon	28-1	247489	243869	244607	245322	0.78	cps
Silver	109-1	125	133	200	153	26.91	cps
Silver	107-1	117	117	167	133	21.65	cps
Sodium	23-2	19798	19814	19697	19770	0.32	cps
Strontium	86-1	850	917	858	875	4.15	cps
Strontium	88-1	125	117	117	119	4.03	cps
Sulfur	34-1	370551	371245	369295	370364	0.27	cps
Terbium	159-1	4472955	4410323	4409628	4430969	0.82	cps
Terbium	159-2	1468476	1471474	1477861	1472603	0.33	cps
Thallium	203-1	125	125	92	114	16.90	cps
Thallium	205-1	267	333	142	247	39.36	cps
Tin	118-1	342	442	308	364	19.07	cps
Titanium	47-1	142	200	217	186	21.16	cps
Uranium	238-1	50	50	67	56	17.32	cps
Vanadium	51-2	37	7	7	17	103.90	cps
Yttrium	89-1	5017116	5023671	5023924	5021571	0.08	cps
Yttrium	89-2	271121	268283	269221	269542	0.54	cps
Zinc	66-2	133	127	130	130	2.57	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:47:55	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	550	500	558	536	5.88	cps
Zirconium	91-1	150	100	100	117	24.74	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16A	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01A	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:51:46	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	562406	563065	563294	562922	0.08	cps
Antimony	121-1	312236	311920	305033	309729	1.31	cps
Arsenic	75-2	57928	58185	58622	58245	0.60	cps
Barium	135-1	4427165	4392576	4397592	4405778	0.42	cps
Barium	137-1	7517458	7659316	7603530	7593435	0.94	cps
Beryllium	9-1	285234	283454	282265	283651	0.53	cps
Bismuth	209-1	2164444	2408465	2366664	2313191	5.64	cps
Bismuth	209-2	1019747	1023977	1056736	1033486	1.96	cps
Boron	10-1	35762	35821	36122	35901	0.54	cps
Boron	11-1	181741	186681	186677	185033	1.54	cps
Cadmium	111-1	546107	544133	549062	546434	0.45	cps
Cadmium	106-1	56152	55976	56277	56135	0.27	cps
Cadmium	108-1	37080	37444	38572	37699	2.06	cps
Calcium	43-1	1159764	1173991	1175170	1169642	0.73	cps
Calcium	44-1	19025425	18829921	18935618	18930322	0.52	cps
Chromium	52-2	525760	518604	522924	522429	0.69	cps
Cobalt	59-2	964129	965709	964456	964764	0.09	cps
Copper	63-2	1663495	1711861	1703478	1692945	1.53	cps
Dysprosium	156-1	33669	33143	34221	33678	1.60	cps
Dysprosium	156-2	12540	12706	12499	12582	0.87	cps
Erbium	164-1	27839	28123	27313	27758	1.48	cps
Erbium	164-2	9874	9277	9821	9657	3.42	cps
Gadolinium	160-1	31790	31355	31046	31397	1.19	cps
Gadolinium	160-2	14879	15182	15212	15091	1.22	cps
Holmium	165-1	3961516	4323752	4243131	4176133	4.55	cps
Holmium	165-2	1504650	1502419	1520273	1509114	0.64	cps
Indium	115-1	3747935	4163731	4084166	3998611	5.52	cps
Indium	115-2	316178	320681	320510	319123	0.80	cps
Iron	56-2	39486415	39193020	39344740	39341392	0.37	cps
Iron	57-2	984735	977120	982454	981437	0.40	cps
Krypton	83-1	573	603	657	611	6.91	cps
Lead	206-1	1234539	1231012	1238381	1234644	0.30	cps
Lead	207-1	1066128	1074085	1080150	1073454	0.66	cps
Lead	208-1	4996002	5029809	5074088	5033299	0.78	cps
Lithium	6-1	298625	329847	320624	316365	5.07	cps
Magnesium	24-2	2219780	2199009	2195947	2204912	0.59	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16A	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01A	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:51:46	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1309078	1301675	1295878	1302211	0.51	cps
Molybdenum	94-1	3937472	3995286	3895502	3942753	1.27	cps
Molybdenum	95-1	5400314	5407294	5404140	5403916	0.06	cps
Molybdenum	96-1	5973784	5991228	5946215	5970409	0.38	cps
Molybdenum	97-1	3362894	3400835	3410296	3391342	0.74	cps
Molybdenum	98-1	8586409	8659275	8676177	8640620	0.55	cps
Neodymium	150-1	47748	48089	48356	48064	0.63	cps
Neodymium	150-2	11428	11652	11742	11608	1.39	cps
Nickel	60-2	297111	298817	298736	298221	0.32	cps
Phosphorus	31-2	1784	1800	1884	1822	2.94	cps
Potassium	39-2	638822	643303	639378	640501	0.38	cps
Rhodium	103-1	3885947	4249529	4245400	4126959	5.06	cps
Rhodium	103-2	1680974	1692313	1722659	1698649	1.27	cps
Scandium	45-1	3268932	3615544	3521510	3468662	5.17	cps
Scandium	45-2	48975	48497	49678	49050	1.21	cps
Selenium	77-2	537	620	577	578	7.21	cps
Selenium	78-2	1641	1702	1667	1670	1.84	cps
Selenium	82-1	40407	40372	40529	40436	0.20	cps
Silicon	28-1	43631081	43460312	43151562	43414319	0.56	cps
Silver	109-1	1976788	1991199	2006538	1991508	0.75	cps
Silver	107-1	2111788	2110401	2098512	2106900	0.35	cps
Sodium	23-2	4209554	4183615	4212897	4202022	0.38	cps
Strontium	86-1	1022045	1030211	1024569	1025608	0.41	cps
Strontium	88-1	8670944	8704140	8765429	8713504	0.55	cps
Sulfur	34-1	496215	491228	489484	492309	0.71	cps
Terbium	159-1	4160567	4586584	4477124	4408092	5.02	cps
Terbium	159-2	1516999	1506753	1540032	1521261	1.12	cps
Thallium	203-1	1229480	1217560	1217377	1221472	0.57	cps
Thallium	205-1	2988669	2979058	3007949	2991892	0.49	cps
Tin	118-1	649273	651792	648812	649959	0.25	cps
Titanium	47-1	1489136	1457250	1490670	1479018	1.28	cps
Uranium	238-1	3852326	3851207	3878240	3860591	0.40	cps
Vanadium	51-2	380108	374367	378760	377745	0.79	cps
Yttrium	89-1	5187876	5665496	5537244	5463539	4.52	cps
Yttrium	89-2	299587	300995	307129	302570	1.33	cps
Zinc	66-2	192563	192604	192952	192706	0.11	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16A	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01A	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:51:46	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2290977	2301043	2248120	2280046	1.23	cps
Zirconium	91-1	493391	493559	484813	490588	1.02	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-19	Instrumnet Name :	P8
Client Sample ID :	P001-SD007-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:55:05	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	291372	293754	293108	292745	0.42	cps
Antimony	121-1	783	925	950	886	10.14	cps
Arsenic	75-2	954	843	889	895	6.24	cps
Barium	135-1	1503455	1519190	1517240	1513295	0.57	cps
Barium	137-1	2659272	2728100	2687678	2691683	1.29	cps
Beryllium	9-1	950	953	927	943	1.54	cps
Bismuth	209-1	2503348	2347682	2369534	2406855	3.50	cps
Bismuth	209-2	1040742	1032988	1059348	1044360	1.30	cps
Boron	10-1	1225	1150	1183	1186	3.17	cps
Boron	11-1	6702	6360	5751	6271	7.68	cps
Cadmium	111-1	2212	2154	2170	2179	1.37	cps
Cadmium	106-1	1442	1400	1534	1458	4.68	cps
Cadmium	108-1	121	150	100	124	20.32	cps
Calcium	43-1	307070	310054	307340	308155	0.54	cps
Calcium	44-1	5053706	5041126	5066319	5053717	0.25	cps
Chromium	52-2	23383	23480	23066	23310	0.93	cps
Cobalt	59-2	14224	13914	14017	14052	1.12	cps
Copper	63-2	65839	65430	64796	65355	0.80	cps
Dysprosium	156-1	49537	50591	49110	49746	1.53	cps
Dysprosium	156-2	16657	16427	17108	16731	2.07	cps
Erbium	164-1	27981	27255	27847	27694	1.40	cps
Erbium	164-2	9267	9147	9100	9171	0.94	cps
Gadolinium	160-1	43825	44419	43331	43858	1.24	cps
Gadolinium	160-2	20136	19541	19789	19822	1.51	cps
Holmium	165-1	4382664	4209100	4324653	4305472	2.05	cps
Holmium	165-2	1507888	1497478	1496903	1500756	0.41	cps
Indium	115-1	4235927	4074316	4085967	4132070	2.18	cps
Indium	115-2	319143	321805	320111	320353	0.42	cps
Iron	56-2	8789985	8805487	8755619	8783697	0.29	cps
Iron	57-2	218735	217703	216128	217522	0.60	cps
Krypton	83-1	653	697	617	656	6.11	cps
Lead	206-1	227890	225780	229853	227841	0.89	cps
Lead	207-1	192201	187133	189423	189586	1.34	cps
Lead	208-1	891501	877206	883109	883939	0.81	cps
Lithium	6-1	334231	325032	324811	328025	1.64	cps
Magnesium	24-2	162695	165984	164679	164453	1.01	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-19	Instrumnet Name :	P8
Client Sample ID :	P001-SD007-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:55:05	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	924709	925211	924063	924661	0.06	cps
Molybdenum	94-1	15701	14725	15918	15448	4.11	cps
Molybdenum	95-1	2617	2509	2867	2664	6.90	cps
Molybdenum	96-1	5185	5243	4851	5093	4.15	cps
Molybdenum	97-1	2100	1842	1825	1922	8.02	cps
Molybdenum	98-1	4734	4143	4334	4404	6.86	cps
Neodymium	150-1	104103	105757	107510	105790	1.61	cps
Neodymium	150-2	25171	25572	25057	25267	1.07	cps
Nickel	60-2	10324	10154	10117	10198	1.08	cps
Phosphorus	31-2	2025	2075	1742	1947	9.23	cps
Potassium	39-2	87530	86348	87942	87273	0.95	cps
Rhodium	103-1	4419393	4224015	4294577	4312662	2.29	cps
Rhodium	103-2	1740790	1779621	1743857	1754756	1.23	cps
Scandium	45-1	3622450	3392318	3478071	3497613	3.33	cps
Scandium	45-2	48212	47584	48564	48120	1.03	cps
Selenium	77-2	180	163	203	182	11.03	cps
Selenium	78-2	87	61	87	78	19.10	cps
Selenium	82-1	142	102	193	146	31.36	cps
Silicon	28-1	16583770	16634106	16537552	16585143	0.29	cps
Silver	109-1	1392	1408	1433	1411	1.49	cps
Silver	107-1	1292	1375	1308	1325	3.33	cps
Sodium	23-2	99220	99438	97852	98837	0.87	cps
Strontium	86-1	223144	222795	223977	223305	0.27	cps
Strontium	88-1	1961774	1944783	1945957	1950838	0.49	cps
Sulfur	34-1	411235	409347	398058	406213	1.75	cps
Terbium	159-1	4708848	4484690	4503604	4565714	2.72	cps
Terbium	159-2	1534970	1517981	1511664	1521538	0.79	cps
Thallium	203-1	2334	2209	2334	2292	3.15	cps
Thallium	205-1	5601	5293	5710	5535	3.91	cps
Tin	118-1	2409	2759	2667	2611	6.95	cps
Titanium	47-1	41538	40844	41162	41181	0.84	cps
Uranium	238-1	13925	13133	13533	13530	2.93	cps
Vanadium	51-2	21186	20335	21049	20857	2.19	cps
Yttrium	89-1	5659750	5422852	5431673	5504758	2.44	cps
Yttrium	89-2	301201	298631	299792	299875	0.43	cps
Zinc	66-2	26526	26088	26365	26326	0.84	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-19	Instrumnet Name :	P8
Client Sample ID :	P001-SD007-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 14:55:05	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	37077	39475	38204	38252	3.14	cps
Zirconium	91-1	8278	8528	8486	8431	1.59	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-01DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD006-0006-02DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:01:07 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	184574	182363	181838	182925	0.79	cps
Antimony	121-1	2117	2042	2192	2117	3.54	cps
Arsenic	75-2	702	730	665	699	4.65	cps
Barium	135-1	757456	827491	835599	806849	5.33	cps
Barium	137-1	1330172	1442217	1455785	1409391	4.89	cps
Beryllium	9-1	887	1027	993	969	7.55	cps
Bismuth	209-1	2965024	2616069	2505034	2695376	8.91	cps
Bismuth	209-2	1060128	1039436	1031042	1043535	1.43	cps
Boron	10-1	658	700	758	706	7.12	cps
Boron	11-1	3359	3859	3709	3642	7.05	cps
Cadmium	111-1	2367	2476	2471	2438	2.53	cps
Cadmium	106-1	1725	1584	1767	1692	5.68	cps
Cadmium	108-1	183	154	171	169	8.64	cps
Calcium	43-1	280934	307608	307639	298727	5.16	cps
Calcium	44-1	4615410	4956620	5002568	4858199	4.35	cps
Chromium	52-2	22919	22835	23306	23020	1.09	cps
Cobalt	59-2	16734	16503	16944	16727	1.32	cps
Copper	63-2	105332	104969	104717	105006	0.29	cps
Dysprosium	156-1	15961	18330	17120	17137	6.91	cps
Dysprosium	156-2	6865	7172	6665	6901	3.70	cps
Erbium	164-1	15018	16528	16036	15860	4.86	cps
Erbium	164-2	5271	5148	5581	5333	4.19	cps
Gadolinium	160-1	16595	18597	18096	17763	5.87	cps
Gadolinium	160-2	8196	8216	8346	8253	0.99	cps
Holmium	165-1	5343520	4638575	4458219	4813438	9.72	cps
Holmium	165-2	1523323	1497256	1504423	1508334	0.89	cps
Indium	115-1	5196193	4522479	4270304	4662992	10.27	cps
Indium	115-2	326229	323700	322018	323982	0.65	cps
Iron	56-2	15685710	15713801	15660222	15686578	0.17	cps
Iron	57-2	390365	387801	391036	389734	0.44	cps
Krypton	83-1	587	617	550	584	5.71	cps
Lead	206-1	194374	209410	213019	205601	4.81	cps
Lead	207-1	165382	177177	178697	173752	4.19	cps
Lead	208-1	758845	832557	834651	808685	5.34	cps
Lithium	6-1	387754	329354	317235	344781	10.94	cps
Magnesium	24-2	149219	144672	146051	146647	1.59	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-01DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0006-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:01:07	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	737547	733480	736378	735802	0.28	cps
Molybdenum	94-1	18689	21134	22035	20619	8.40	cps
Molybdenum	95-1	3059	3376	3534	3323	7.28	cps
Molybdenum	96-1	6252	6710	6335	6432	3.80	cps
Molybdenum	97-1	2084	2117	2492	2231	10.17	cps
Molybdenum	98-1	5009	5385	5593	5329	5.55	cps
Neodymium	150-1	18554	20443	20263	19753	5.28	cps
Neodymium	150-2	4821	4818	4721	4787	1.19	cps
Nickel	60-2	14237	14675	14955	14622	2.47	cps
Phosphorus	31-2	1308	1400	1400	1370	3.86	cps
Potassium	39-2	32981	32405	31770	32385	1.87	cps
Rhodium	103-1	5368863	4651148	4471378	4830463	9.83	cps
Rhodium	103-2	1784971	1769408	1781650	1778677	0.46	cps
Scandium	45-1	4326311	3739597	3571837	3879248	10.21	cps
Scandium	45-2	49711	49266	48414	49130	1.34	cps
Selenium	77-2	33	40	50	41	20.41	cps
Selenium	78-2	46	30	35	37	22.91	cps
Selenium	82-1	185	204	249	213	15.39	cps
Silicon	28-1	5330471	5816842	5856353	5667889	5.17	cps
Silver	109-1	617	733	633	661	9.54	cps
Silver	107-1	767	783	767	772	1.25	cps
Sodium	23-2	39288	40283	41370	40314	2.58	cps
Strontium	86-1	193087	211142	209848	204692	4.92	cps
Strontium	88-1	1676502	1845709	1828459	1783557	5.22	cps
Sulfur	34-1	490587	509380	513886	504618	2.45	cps
Terbium	159-1	5611713	4882660	4687849	5060741	9.62	cps
Terbium	159-2	1529912	1528649	1506671	1521744	0.86	cps
Thallium	203-1	650	508	617	592	12.52	cps
Thallium	205-1	1217	1350	1208	1258	6.32	cps
Tin	118-1	2342	2734	2800	2625	9.43	cps
Titanium	47-1	42466	47030	46227	45241	5.39	cps
Uranium	238-1	8779	9271	9371	9140	3.47	cps
Vanadium	51-2	22201	22058	21540	21933	1.59	cps
Yttrium	89-1	6575952	5850135	5528838	5984975	8.96	cps
Yttrium	89-2	291638	296112	293279	293676	0.77	cps
Zinc	66-2	25353	25898	25203	25485	1.43	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-01DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0006-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:01:07	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	50939	54677	54870	53495	4.14	cps
Zirconium	91-1	10947	12306	11739	11664	5.85	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-02DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD012-0612-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:04:32	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	146722	146275	147447	146815	0.40	cps
Antimony	121-1	308	317	408	344	16.11	cps
Arsenic	75-2	1004	917	830	917	9.50	cps
Barium	135-1	122362	125500	124121	123994	1.27	cps
Barium	137-1	211854	218962	213956	214924	1.70	cps
Beryllium	9-1	357	420	357	378	9.68	cps
Bismuth	209-1	2703671	2006312	2390650	2366878	14.76	cps
Bismuth	209-2	1026388	1023409	1040492	1030096	0.89	cps
Boron	10-1	458	400	383	414	9.52	cps
Boron	11-1	2275	2275	2167	2239	2.79	cps
Cadmium	111-1	1492	1303	1231	1342	10.05	cps
Cadmium	106-1	1775	1408	1367	1517	14.82	cps
Cadmium	108-1	54	58	67	60	10.66	cps
Calcium	43-1	43377	43898	43768	43681	0.62	cps
Calcium	44-1	770488	780208	772597	774431	0.66	cps
Chromium	52-2	23450	23510	23790	23583	0.77	cps
Cobalt	59-2	33791	33260	33564	33538	0.79	cps
Copper	63-2	39105	39456	38798	39120	0.84	cps
Dysprosium	156-1	11397	11372	11030	11266	1.82	cps
Dysprosium	156-2	4654	4434	4614	4568	2.57	cps
Erbium	164-1	9462	9954	10013	9810	3.08	cps
Erbium	164-2	3097	3284	3391	3257	4.56	cps
Gadolinium	160-1	11556	12531	12106	12064	4.06	cps
Gadolinium	160-2	5191	5365	5368	5308	1.91	cps
Holmium	165-1	4815969	3574099	4261210	4217093	14.75	cps
Holmium	165-2	1449783	1464592	1493573	1469316	1.52	cps
Indium	115-1	4732849	3450333	4125874	4103019	15.64	cps
Indium	115-2	316902	317110	322232	318748	0.95	cps
Iron	56-2	20799351	20580675	20790871	20723633	0.60	cps
Iron	57-2	511892	507211	520217	513107	1.28	cps
Krypton	83-1	593	657	510	587	12.54	cps
Lead	206-1	53307	54847	53837	53997	1.45	cps
Lead	207-1	45164	46424	45644	45744	1.39	cps
Lead	208-1	209453	214646	211623	211907	1.23	cps
Lithium	6-1	332522	272503	299892	301639	9.96	cps
Magnesium	24-2	284542	279358	283648	282516	0.98	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-02DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD012-0612-02DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:04:32 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	115426	115402	115130	115319	0.14	cps
Molybdenum	94-1	18563	18572	18789	18641	0.69	cps
Molybdenum	95-1	1458	1559	1559	1525	3.79	cps
Molybdenum	96-1	4768	4551	4784	4701	2.77	cps
Molybdenum	97-1	1125	1108	1192	1142	3.86	cps
Molybdenum	98-1	2384	2450	2584	2473	4.12	cps
Neodymium	150-1	13774	14181	14508	14155	2.60	cps
Neodymium	150-2	3274	3274	3300	3283	0.47	cps
Nickel	60-2	20559	19964	20449	20324	1.56	cps
Phosphorus	31-2	458	383	392	411	10.00	cps
Potassium	39-2	28004	26785	27795	27528	2.37	cps
Rhodium	103-1	4895713	3645233	4288470	4276472	14.62	cps
Rhodium	103-2	1743688	1748038	1756670	1749466	0.38	cps
Scandium	45-1	3868504	2936354	3382574	3395811	13.73	cps
Scandium	45-2	48206	48162	49009	48459	0.98	cps
Selenium	77-2	33	37	23	31	22.31	cps
Selenium	78-2	24	26	31	27	14.19	cps
Selenium	82-1	-29	-76	86	-6	-1301.19	cps
Silicon	28-1	7713890	7852261	7818107	7794753	0.92	cps
Silver	109-1	242	208	325	258	23.26	cps
Silver	107-1	383	342	200	308	31.17	cps
Sodium	23-2	29866	29724	30450	30013	1.28	cps
Strontium	86-1	27345	26719	26903	26989	1.19	cps
Strontium	88-1	219219	222801	219975	220665	0.86	cps
Sulfur	34-1	351219	341423	341514	344719	1.63	cps
Terbium	159-1	5109686	3805145	4430550	4448460	14.67	cps
Terbium	159-2	1480326	1491603	1485996	1485975	0.38	cps
Thallium	203-1	333	267	192	264	26.86	cps
Thallium	205-1	692	658	617	656	5.73	cps
Tin	118-1	1317	1150	983	1150	14.49	cps
Titanium	47-1	45818	48870	48418	47702	3.45	cps
Uranium	238-1	5785	5793	5501	5693	2.92	cps
Vanadium	51-2	15012	14788	15045	14948	0.93	cps
Yttrium	89-1	5815891	4382474	5143274	5113880	14.02	cps
Yttrium	89-2	278695	279482	284859	281012	1.19	cps
Zinc	66-2	25651	25373	25200	25408	0.89	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-02DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD012-0612-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:04:32	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	50361	50679	49642	50227	1.06	cps
Zirconium	91-1	11088	10905	11547	11180	2.96	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-03DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD014-0006-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:07:59 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	277070	274648	270385	274034	1.24	cps
Antimony	121-1	1125	775	867	922	19.68	cps
Arsenic	75-2	913	826	826	855	5.88	cps
Barium	135-1	809106	827152	830759	822339	1.41	cps
Barium	137-1	1412510	1428334	1439345	1426730	0.95	cps
Beryllium	9-1	1083	1097	1167	1116	4.01	cps
Bismuth	209-1	2392103	2418077	2196027	2335402	5.20	cps
Bismuth	209-2	1029631	1034854	1051737	1038741	1.11	cps
Boron	10-1	525	500	608	544	10.42	cps
Boron	11-1	2300	2442	2634	2459	6.81	cps
Cadmium	111-1	2139	2086	1853	2026	7.50	cps
Cadmium	106-1	1500	1550	1317	1456	8.44	cps
Cadmium	108-1	158	113	133	135	17.04	cps
Calcium	43-1	213230	216365	216972	215522	0.93	cps
Calcium	44-1	3511253	3559207	3622984	3564481	1.57	cps
Chromium	52-2	33076	32875	32485	32812	0.92	cps
Cobalt	59-2	26642	26078	25123	25948	2.96	cps
Copper	63-2	99120	98305	97362	98262	0.90	cps
Dysprosium	156-1	21001	21836	22562	21800	3.58	cps
Dysprosium	156-2	8400	7989	8440	8276	3.01	cps
Erbium	164-1	18439	18522	18848	18603	1.16	cps
Erbium	164-2	6102	6412	6092	6202	2.94	cps
Gadolinium	160-1	22470	21786	21285	21847	2.72	cps
Gadolinium	160-2	9687	9874	9570	9710	1.58	cps
Holmium	165-1	4189351	4302010	3818454	4103272	6.17	cps
Holmium	165-2	1496339	1489142	1514811	1500097	0.88	cps
Indium	115-1	4097021	4213762	3756390	4022391	5.91	cps
Indium	115-2	320409	319206	321596	320403	0.37	cps
Iron	56-2	25122893	24978995	24569396	24890428	1.15	cps
Iron	57-2	618614	617105	619220	618313	0.18	cps
Krypton	83-1	607	650	603	620	4.20	cps
Lead	206-1	199724	198298	201593	199872	0.83	cps
Lead	207-1	165752	168032	169506	167763	1.13	cps
Lead	208-1	774272	778245	782975	778497	0.56	cps
Lithium	6-1	303167	305077	284749	297664	3.77	cps
Magnesium	24-2	276985	270472	271719	273059	1.27	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-03DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD014-0006-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:07:59 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	377394	373194	372847	374479	0.68	cps
Molybdenum	94-1	18555	18221	18672	18483	1.27	cps
Molybdenum	95-1	3692	3651	4126	3823	6.88	cps
Molybdenum	96-1	6969	7236	6702	6969	3.83	cps
Molybdenum	97-1	2392	2400	2384	2392	0.35	cps
Molybdenum	98-1	6152	5893	6352	6132	3.75	cps
Neodymium	150-1	27068	26928	27490	27162	1.08	cps
Neodymium	150-2	6095	6085	6198	6126	1.02	cps
Nickel	60-2	20485	20756	20392	20544	0.92	cps
Phosphorus	31-2	1667	1558	1583	1603	3.54	cps
Potassium	39-2	36674	37300	35555	36510	2.42	cps
Rhodium	103-1	4245720	4292652	3940550	4159641	4.60	cps
Rhodium	103-2	1773434	1745436	1748155	1755675	0.88	cps
Scandium	45-1	3482224	3475934	3130342	3362833	5.99	cps
Scandium	45-2	48788	47774	48577	48380	1.11	cps
Selenium	77-2	67	60	57	61	8.33	cps
Selenium	78-2	37	67	56	53	28.19	cps
Selenium	82-1	108	118	139	122	12.81	cps
Silicon	28-1	7129168	7225560	7161364	7172031	0.68	cps
Silver	109-1	342	417	475	411	16.26	cps
Silver	107-1	675	500	567	581	15.21	cps
Sodium	23-2	41294	41069	39448	40604	2.48	cps
Strontium	86-1	152394	150868	148256	150506	1.39	cps
Strontium	88-1	1273866	1283789	1283882	1280512	0.45	cps
Sulfur	34-1	484763	485448	487117	485776	0.25	cps
Terbium	159-1	4546164	4520599	4096722	4387828	5.75	cps
Terbium	159-2	1504751	1490544	1550545	1515280	2.07	cps
Thallium	203-1	750	558	525	611	19.87	cps
Thallium	205-1	1350	1192	1525	1356	12.30	cps
Tin	118-1	3551	3592	3751	3631	2.91	cps
Titanium	47-1	37083	37735	37284	37368	0.89	cps
Uranium	238-1	12357	13174	12824	12785	3.21	cps
Vanadium	51-2	29672	30099	29351	29707	1.26	cps
Yttrium	89-1	5320436	5396095	4903877	5206803	5.09	cps
Yttrium	89-2	291492	289670	291966	291042	0.42	cps
Zinc	66-2	29876	29188	29204	29423	1.33	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-03DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD014-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:07:59	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	46372	47735	47809	47305	1.71	cps
Zirconium	91-1	10338	10438	10688	10488	1.72	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-04DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD014-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:11:24 DataFile Name : 049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	191923	194626	194100	193550	0.74	cps
Antimony	121-1	208	208	108	175	32.99	cps
Arsenic	75-2	204	220	220	215	4.48	cps
Barium	135-1	293626	291652	291711	292330	0.38	cps
Barium	137-1	507550	504146	514459	508718	1.03	cps
Beryllium	9-1	420	397	430	416	4.12	cps
Bismuth	209-1	2433729	2458143	2360148	2417340	2.11	cps
Bismuth	209-2	1029733	990956	1047924	1022871	2.84	cps
Boron	10-1	400	475	333	403	17.60	cps
Boron	11-1	2125	1917	2042	2028	5.17	cps
Cadmium	111-1	1248	1197	1153	1199	3.97	cps
Cadmium	106-1	1558	1375	1392	1442	7.03	cps
Cadmium	108-1	50	58	67	58	14.29	cps
Calcium	43-1	52360	52464	52863	52562	0.50	cps
Calcium	44-1	917581	916156	926158	919965	0.59	cps
Chromium	52-2	26696	26475	25807	26326	1.76	cps
Cobalt	59-2	16283	16747	16540	16523	1.41	cps
Copper	63-2	51375	50967	51358	51233	0.45	cps
Dysprosium	156-1	19640	18923	19332	19298	1.87	cps
Dysprosium	156-2	7399	7496	7369	7421	0.89	cps
Erbium	164-1	13675	13900	13683	13752	0.93	cps
Erbium	164-2	4621	4604	4948	4724	4.10	cps
Gadolinium	160-1	18931	19198	19056	19062	0.70	cps
Gadolinium	160-2	8730	8706	8490	8642	1.53	cps
Holmium	165-1	4257859	4328784	4142127	4242923	2.22	cps
Holmium	165-2	1484406	1412733	1499325	1465488	3.16	cps
Indium	115-1	4204775	4324764	4066782	4198774	3.07	cps
Indium	115-2	319270	306749	319317	315112	2.30	cps
Iron	56-2	15113618	15348793	15070454	15177622	0.99	cps
Iron	57-2	372402	377338	378835	376192	0.89	cps
Krypton	83-1	633	667	580	627	6.98	cps
Lead	206-1	70697	70657	71468	70940	0.64	cps
Lead	207-1	58887	59289	58803	58993	0.44	cps
Lead	208-1	276469	277556	279296	277774	0.51	cps
Lithium	6-1	300406	304861	298244	301170	1.12	cps
Magnesium	24-2	231718	225529	233080	230109	1.75	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-04DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD014-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:11:24	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	74983	76481	75198	75554	1.07	cps
Molybdenum	94-1	13916	14533	14592	14347	2.61	cps
Molybdenum	95-1	383	375	375	378	1.27	cps
Molybdenum	96-1	2984	2817	2709	2837	4.88	cps
Molybdenum	97-1	325	300	333	319	5.43	cps
Molybdenum	98-1	667	625	600	631	5.34	cps
Neodymium	150-1	26821	26748	26127	26565	1.44	cps
Neodymium	150-2	6295	6328	6031	6218	2.61	cps
Nickel	60-2	14214	14401	13807	14141	2.15	cps
Phosphorus	31-2	567	575	725	622	14.32	cps
Potassium	39-2	28730	28655	28705	28697	0.13	cps
Rhodium	103-1	4336796	4389846	4215652	4314098	2.07	cps
Rhodium	103-2	1763831	1674426	1758383	1732213	2.89	cps
Scandium	45-1	3412558	3500249	3310095	3407634	2.79	cps
Scandium	45-2	47256	46239	47406	46967	1.35	cps
Selenium	77-2	80	60	57	66	19.25	cps
Selenium	78-2	24	35	20	27	29.06	cps
Selenium	82-1	16	-56	66	9	699.19	cps
Silicon	28-1	9823834	9674309	9812959	9770367	0.85	cps
Silver	109-1	333	267	425	342	23.27	cps
Silver	107-1	392	367	458	406	11.68	cps
Sodium	23-2	27711	28413	27636	27920	1.53	cps
Strontium	86-1	33818	32740	33651	33403	1.74	cps
Strontium	88-1	279154	273926	279283	277455	1.10	cps
Sulfur	34-1	288686	284356	285369	286137	0.79	cps
Terbium	159-1	4533282	4663730	4375384	4524132	3.19	cps
Terbium	159-2	1492416	1432417	1490212	1471682	2.31	cps
Thallium	203-1	400	408	575	461	21.41	cps
Thallium	205-1	875	933	992	933	6.25	cps
Tin	118-1	1083	1142	1050	1092	4.25	cps
Titanium	47-1	49664	51320	51137	50707	1.79	cps
Uranium	238-1	5843	5677	5735	5752	1.47	cps
Vanadium	51-2	13900	13970	14027	13966	0.45	cps
Yttrium	89-1	5235462	5388133	5109699	5244431	2.66	cps
Yttrium	89-2	282454	269645	282225	278108	2.64	cps
Zinc	66-2	15509	16173	15936	15873	2.12	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-04DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD014-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:11:24	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	38714	40143	39776	39545	1.88	cps
Zirconium	91-1	8478	8395	8278	8384	1.20	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-05DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS001-0612-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:14:50	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	148990	149673	148160	148941	0.51	cps
Antimony	121-1	533	625	567	575	8.07	cps
Arsenic	75-2	1478	1374	1354	1402	4.75	cps
Barium	135-1	268916	267344	265975	267412	0.55	cps
Barium	137-1	465602	469605	469669	468292	0.50	cps
Beryllium	9-1	590	617	510	572	9.70	cps
Bismuth	209-1	2404089	2453063	2378209	2411787	1.58	cps
Bismuth	209-2	983712	1019841	1083706	1029086	4.92	cps
Boron	10-1	533	458	617	536	14.77	cps
Boron	11-1	2950	2692	2642	2761	5.99	cps
Cadmium	111-1	1191	1531	1210	1311	14.55	cps
Cadmium	106-1	1375	1775	1350	1500	15.90	cps
Cadmium	108-1	96	71	133	100	31.46	cps
Calcium	43-1	307599	307649	309853	308367	0.42	cps
Calcium	44-1	5062752	5067437	5060431	5063540	0.07	cps
Chromium	52-2	27704	26769	27614	27363	1.89	cps
Cobalt	59-2	31703	31392	30851	31315	1.38	cps
Copper	63-2	82895	82118	81464	82159	0.87	cps
Dysprosium	156-1	18906	18547	19023	18825	1.32	cps
Dysprosium	156-2	7182	7232	6835	7083	3.05	cps
Erbium	164-1	15685	16177	16519	16127	2.60	cps
Erbium	164-2	5388	5465	5178	5343	2.78	cps
Gadolinium	160-1	19574	18464	19724	19254	3.57	cps
Gadolinium	160-2	8520	8546	8426	8497	0.74	cps
Holmium	165-1	4176749	4368259	4187937	4244315	2.53	cps
Holmium	165-2	1408141	1451776	1598455	1486124	6.71	cps
Indium	115-1	4122418	4192962	4043945	4119775	1.81	cps
Indium	115-2	296356	308735	337758	314283	6.76	cps
Iron	56-2	32242092	31771562	31518001	31843885	1.15	cps
Iron	57-2	790736	789647	778673	786352	0.85	cps
Krypton	83-1	610	597	640	616	3.61	cps
Lead	206-1	81321	79928	82382	81210	1.52	cps
Lead	207-1	68350	66976	67709	67678	1.02	cps
Lead	208-1	317697	312309	319547	316518	1.19	cps
Lithium	6-1	301169	300021	291327	297506	1.81	cps
Magnesium	24-2	462142	456225	455881	458083	0.77	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-05DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS001-0612-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:14:50	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	483980	474576	473163	477239	1.23	cps
Molybdenum	94-1	35213	34194	34261	34556	1.65	cps
Molybdenum	95-1	2309	2292	2509	2370	5.09	cps
Molybdenum	96-1	7819	8303	8178	8100	3.10	cps
Molybdenum	97-1	1483	1283	1450	1406	7.62	cps
Molybdenum	98-1	3534	3392	3726	3551	4.71	cps
Neodymium	150-1	24537	25305	24524	24788	1.81	cps
Neodymium	150-2	5688	5588	5681	5652	0.99	cps
Nickel	60-2	23136	23036	22515	22896	1.46	cps
Phosphorus	31-2	1017	1000	900	972	6.49	cps
Potassium	39-2	49990	49363	48911	49421	1.10	cps
Rhodium	103-1	4187339	4363076	4108180	4219532	3.09	cps
Rhodium	103-2	1613463	1686659	1849366	1716496	7.03	cps
Scandium	45-1	3403948	3469098	3288955	3387333	2.69	cps
Scandium	45-2	45079	46313	50280	47224	5.75	cps
Selenium	77-2	43	27	47	39	27.55	cps
Selenium	78-2	30	28	39	32	18.54	cps
Selenium	82-1	39	-35	-67	-21	-261.22	cps
Silicon	28-1	6963622	6953161	6952965	6956583	0.09	cps
Silver	109-1	517	633	492	547	13.82	cps
Silver	107-1	733	608	642	661	9.79	cps
Sodium	23-2	30183	30266	30751	30400	1.01	cps
Strontium	86-1	118655	120495	118183	119111	1.03	cps
Strontium	88-1	1001948	996714	995817	998160	0.33	cps
Sulfur	34-1	301234	299504	309081	303273	1.68	cps
Terbium	159-1	4487072	4625140	4421892	4511368	2.30	cps
Terbium	159-2	1398907	1458892	1625372	1494391	7.85	cps
Thallium	203-1	242	392	358	331	23.83	cps
Thallium	205-1	675	675	792	714	9.43	cps
Tin	118-1	1233	1075	1233	1181	7.74	cps
Titanium	47-1	44455	43569	43201	43742	1.47	cps
Uranium	238-1	5643	5927	5743	5771	2.49	cps
Vanadium	51-2	18830	19314	18359	18834	2.53	cps
Yttrium	89-1	5219923	5405907	5177921	5267917	2.30	cps
Yttrium	89-2	266233	278759	302302	282431	6.48	cps
Zinc	66-2	23931	23731	22876	23512	2.38	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-05DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS001-0612-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:14:50	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	96508	95081	95106	95565	0.85	cps
Zirconium	91-1	19949	20332	20450	20244	1.29	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-09DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD003-0006-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:18:15 DataFile Name : 051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	149021	148993	150092	149369	0.42	cps
Antimony	121-1	117	83	108	103	16.88	cps
Arsenic	75-2	333	319	337	330	2.97	cps
Barium	135-1	302170	298736	296746	299217	0.92	cps
Barium	137-1	519390	515749	520750	518630	0.50	cps
Beryllium	9-1	290	320	417	342	19.34	cps
Bismuth	209-1	2412084	2334729	2633405	2460072	6.30	cps
Bismuth	209-2	1041396	1058906	1038269	1046191	1.06	cps
Boron	10-1	183	208	250	214	15.75	cps
Boron	11-1	900	1158	983	1014	13.01	cps
Cadmium	111-1	1017	1090	1131	1079	5.32	cps
Cadmium	106-1	1292	1317	1500	1370	8.31	cps
Cadmium	108-1	29	33	46	36	24.01	cps
Calcium	43-1	46530	46744	46978	46751	0.48	cps
Calcium	44-1	822113	823214	826704	824010	0.29	cps
Chromium	52-2	15736	15459	15252	15482	1.57	cps
Cobalt	59-2	12946	12386	12566	12633	2.27	cps
Copper	63-2	18536	18813	18573	18641	0.81	cps
Dysprosium	156-1	6502	6660	6544	6569	1.25	cps
Dysprosium	156-2	2250	2484	2437	2390	5.17	cps
Erbium	164-1	5593	5985	6060	5879	4.26	cps
Erbium	164-2	1997	1994	1834	1941	4.81	cps
Gadolinium	160-1	6485	6519	6435	6480	0.65	cps
Gadolinium	160-2	2734	2830	2930	2831	3.47	cps
Holmium	165-1	4131797	4108697	4604966	4281820	6.54	cps
Holmium	165-2	1490430	1543240	1484159	1505943	2.15	cps
Indium	115-1	4098626	4037121	4494642	4210130	5.90	cps
Indium	115-2	319634	320806	318823	319754	0.31	cps
Iron	56-2	12609729	12517215	12616372	12581105	0.44	cps
Iron	57-2	313077	314330	312528	313312	0.29	cps
Krypton	83-1	640	587	547	591	7.92	cps
Lead	206-1	44556	44305	44980	44614	0.76	cps
Lead	207-1	36910	36643	37439	36997	1.10	cps
Lead	208-1	173627	171883	173634	173048	0.58	cps
Lithium	6-1	294615	296102	319107	303275	4.53	cps
Magnesium	24-2	124635	124980	123491	124369	0.63	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-09DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD003-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:18:15	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	211569	211365	214656	212530	0.87	cps
Molybdenum	94-1	10505	10213	9921	10213	2.86	cps
Molybdenum	95-1	833	800	658	764	12.17	cps
Molybdenum	96-1	2075	2342	2609	2342	11.39	cps
Molybdenum	97-1	533	458	517	503	7.83	cps
Molybdenum	98-1	1058	892	1158	1036	13.00	cps
Neodymium	150-1	9010	9684	9397	9364	3.61	cps
Neodymium	150-2	2144	2084	2190	2139	2.50	cps
Nickel	60-2	9413	9470	9630	9505	1.18	cps
Phosphorus	31-2	483	508	542	511	5.73	cps
Potassium	39-2	23704	22302	22594	22867	3.24	cps
Rhodium	103-1	4227590	4212300	4675311	4371733	6.02	cps
Rhodium	103-2	1785915	1756708	1778650	1773757	0.86	cps
Scandium	45-1	3336409	3250362	3737382	3441384	7.55	cps
Scandium	45-2	46664	47898	46968	47177	1.36	cps
Selenium	77-2	27	33	7	22	62.43	cps
Selenium	78-2	6	13	13	10	40.72	cps
Selenium	82-1	-66	-47	-11	-41	-67.74	cps
Silicon	28-1	3859249	3920159	3927068	3902159	0.96	cps
Silver	109-1	192	133	167	164	17.86	cps
Silver	107-1	158	225	208	197	17.59	cps
Sodium	23-2	29239	29323	29540	29367	0.53	cps
Strontium	86-1	34545	35180	35472	35066	1.35	cps
Strontium	88-1	296667	298167	295185	296673	0.50	cps
Sulfur	34-1	308161	307983	302278	306141	1.09	cps
Terbium	159-1	4460294	4377281	4954744	4597440	6.79	cps
Terbium	159-2	1503316	1526515	1492384	1507405	1.16	cps
Thallium	203-1	292	425	317	344	20.58	cps
Thallium	205-1	792	883	683	786	12.74	cps
Tin	118-1	867	742	767	792	8.36	cps
Titanium	47-1	6435	6660	6744	6613	2.41	cps
Uranium	238-1	3317	3084	3342	3248	4.39	cps
Vanadium	51-2	10514	10374	10564	10484	0.94	cps
Yttrium	89-1	5002903	4953516	5553167	5169862	6.44	cps
Yttrium	89-2	275361	277622	275661	276215	0.44	cps
Zinc	66-2	8826	8676	8203	8568	3.80	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-09DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD003-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:18:15	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	27095	27996	27045	27378	1.96	cps
Zirconium	91-1	6310	5718	6360	6129	5.83	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-10DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD003-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:21:41 DataFile Name : 052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	131207	131225	131106	131179	0.05	cps
Antimony	121-1	83	108	108	100	14.43	cps
Arsenic	75-2	106	128	128	120	10.66	cps
Barium	135-1	256372	257587	259231	257730	0.56	cps
Barium	137-1	448365	445611	442970	445649	0.61	cps
Beryllium	9-1	230	223	173	209	14.83	cps
Bismuth	209-1	2377705	2421009	2526263	2441659	3.13	cps
Bismuth	209-2	1018172	1025954	966790	1003639	3.20	cps
Boron	10-1	117	150	175	147	19.88	cps
Boron	11-1	892	1117	933	981	12.21	cps
Cadmium	111-1	938	974	929	947	2.50	cps
Cadmium	106-1	1267	1325	1258	1283	2.83	cps
Cadmium	108-1	17	29	8	18	58.09	cps
Calcium	43-1	35836	35802	36390	36010	0.92	cps
Calcium	44-1	658033	650638	646414	651695	0.90	cps
Chromium	52-2	13280	13350	13123	13251	0.88	cps
Cobalt	59-2	6125	6075	6188	6129	0.93	cps
Copper	63-2	8433	8423	8479	8445	0.36	cps
Dysprosium	156-1	6919	6952	6735	6869	1.70	cps
Dysprosium	156-2	2327	2557	2554	2479	5.32	cps
Erbium	164-1	5201	5143	5151	5165	0.61	cps
Erbium	164-2	1640	1623	1700	1655	2.44	cps
Gadolinium	160-1	6685	6302	6552	6513	2.99	cps
Gadolinium	160-2	2827	3020	2864	2904	3.54	cps
Holmium	165-1	4203333	4348877	4379146	4310452	2.18	cps
Holmium	165-2	1469615	1434057	1383008	1428893	3.05	cps
Indium	115-1	4070618	4225115	4209213	4168316	2.04	cps
Indium	115-2	309957	311127	293299	304794	3.27	cps
Iron	56-2	6208694	6173171	6158736	6180201	0.42	cps
Iron	57-2	154273	152497	155116	153962	0.87	cps
Krypton	83-1	567	593	537	566	5.01	cps
Lead	206-1	23511	24229	23567	23769	1.68	cps
Lead	207-1	19571	20000	19410	19660	1.55	cps
Lead	208-1	91508	93430	92049	92329	1.07	cps
Lithium	6-1	294607	298836	307759	300401	2.23	cps
Magnesium	24-2	77135	78366	82154	79218	3.30	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-10DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD003-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:21:41	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	81282	81013	81915	81403	0.57	cps
Molybdenum	94-1	3659	3626	3809	3698	2.64	cps
Molybdenum	95-1	267	267	200	244	15.75	cps
Molybdenum	96-1	742	908	867	839	10.34	cps
Molybdenum	97-1	342	225	275	281	20.86	cps
Molybdenum	98-1	375	458	458	431	11.17	cps
Neodymium	150-1	11906	11766	11172	11614	3.36	cps
Neodymium	150-2	2584	2850	2757	2730	4.96	cps
Nickel	60-2	5324	5241	5054	5207	2.66	cps
Phosphorus	31-2	342	367	425	378	11.32	cps
Potassium	39-2	20257	19865	19114	19745	2.94	cps
Rhodium	103-1	4246475	4373642	4461015	4360377	2.47	cps
Rhodium	103-2	1765133	1732787	1642834	1713585	3.70	cps
Scandium	45-1	3341376	3389973	3403342	3378230	0.97	cps
Scandium	45-2	46738	46661	43638	45679	3.87	cps
Selenium	77-2	30	13	13	19	50.96	cps
Selenium	78-2	11	7	11	10	21.63	cps
Selenium	82-1	-61	-13	19	-18	-218.96	cps
Silicon	28-1	4394447	4325670	4275271	4331796	1.38	cps
Silver	109-1	283	167	133	194	40.51	cps
Silver	107-1	200	192	175	189	6.74	cps
Sodium	23-2	30492	29482	29314	29763	2.14	cps
Strontium	86-1	26059	27445	26594	26699	2.62	cps
Strontium	88-1	223470	222088	223826	223128	0.41	cps
Sulfur	34-1	283492	283205	280355	282350	0.61	cps
Terbium	159-1	4429667	4624534	4647495	4567232	2.62	cps
Terbium	159-2	1472156	1462351	1408545	1447684	2.37	cps
Thallium	203-1	383	292	375	350	14.48	cps
Thallium	205-1	883	900	850	878	2.90	cps
Tin	118-1	700	883	867	817	12.41	cps
Titanium	47-1	6844	7327	6769	6980	4.34	cps
Uranium	238-1	2909	2725	2984	2873	4.63	cps
Vanadium	51-2	6828	7109	7202	7046	2.76	cps
Yttrium	89-1	5004926	5117306	5328924	5150385	3.19	cps
Yttrium	89-2	269674	266622	252257	262851	3.54	cps
Zinc	66-2	4964	4761	4711	4812	2.79	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-10DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD003-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:21:41	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9821	9637	9420	9626	2.08	cps
Zirconium	91-1	2159	2092	2067	2106	2.25	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-11DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD004-0006-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:25:07 DataFile Name : 053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100012	99614	99366	99664	0.33	cps
Antimony	121-1	267	292	250	269	7.78	cps
Arsenic	75-2	257	263	265	262	1.47	cps
Barium	135-1	330334	333485	332679	332166	0.49	cps
Barium	137-1	576889	574609	577166	576221	0.24	cps
Beryllium	9-1	387	433	447	422	7.46	cps
Bismuth	209-1	2272254	2444393	2430625	2382424	4.02	cps
Bismuth	209-2	1023756	1037093	973360	1011403	3.32	cps
Boron	10-1	183	217	175	192	11.50	cps
Boron	11-1	1067	1200	1083	1117	6.51	cps
Cadmium	111-1	1186	1368	1285	1279	7.11	cps
Cadmium	106-1	1108	1325	1192	1208	9.05	cps
Cadmium	108-1	33	50	29	38	29.40	cps
Calcium	43-1	61497	60613	61986	61366	1.13	cps
Calcium	44-1	1061868	1053333	1076943	1064048	1.12	cps
Chromium	52-2	10007	10150	9790	9983	1.82	cps
Cobalt	59-2	5455	5068	5324	5282	3.73	cps
Copper	63-2	27714	28132	27848	27898	0.76	cps
Dysprosium	156-1	8361	8970	8170	8500	4.92	cps
Dysprosium	156-2	3077	3164	2960	3067	3.33	cps
Erbium	164-1	6810	7027	7036	6958	1.84	cps
Erbium	164-2	2217	2134	2317	2222	4.13	cps
Gadolinium	160-1	8020	7828	8412	8086	3.68	cps
Gadolinium	160-2	3524	3647	3631	3601	1.86	cps
Holmium	165-1	4050174	4293249	4232800	4192074	3.02	cps
Holmium	165-2	1470668	1482146	1396846	1449887	3.19	cps
Indium	115-1	3978676	4128266	4124401	4077114	2.09	cps
Indium	115-2	310752	318043	301507	310101	2.67	cps
Iron	56-2	4937821	4919356	4994672	4950616	0.79	cps
Iron	57-2	123761	122002	121083	122282	1.11	cps
Krypton	83-1	603	597	567	589	3.32	cps
Lead	206-1	75608	74256	75551	75138	1.02	cps
Lead	207-1	63112	61376	62325	62271	1.40	cps
Lead	208-1	291908	287233	289966	289702	0.81	cps
Lithium	6-1	273291	291086	285383	283253	3.21	cps
Magnesium	24-2	44061	44053	43359	43824	0.92	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-11DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD004-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:25:07	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	120293	117899	118110	118767	1.12	cps
Molybdenum	94-1	4551	4343	4893	4595	6.04	cps
Molybdenum	95-1	975	825	808	870	10.56	cps
Molybdenum	96-1	1609	1842	1550	1667	9.26	cps
Molybdenum	97-1	825	583	683	697	17.42	cps
Molybdenum	98-1	1567	1292	1383	1414	9.90	cps
Neodymium	150-1	11238	10892	11192	11107	1.69	cps
Neodymium	150-2	2544	2594	2420	2519	3.54	cps
Nickel	60-2	5278	4908	5154	5113	3.69	cps
Phosphorus	31-2	675	625	600	633	6.03	cps
Potassium	39-2	15325	15392	15317	15345	0.27	cps
Rhodium	103-1	4124629	4366279	4259232	4250046	2.85	cps
Rhodium	103-2	1744446	1766465	1661059	1723990	3.23	cps
Scandium	45-1	3165906	3311756	3289751	3255805	2.42	cps
Scandium	45-2	46831	47132	44975	46313	2.52	cps
Selenium	77-2	23	17	13	18	28.64	cps
Selenium	78-2	13	17	13	14	15.09	cps
Selenium	82-1	-39	-45	-22	-35	-33.20	cps
Silicon	28-1	5011484	4976316	4973896	4987232	0.42	cps
Silver	109-1	175	133	183	164	16.34	cps
Silver	107-1	175	192	200	189	6.74	cps
Sodium	23-2	28196	27327	28672	28065	2.43	cps
Strontium	86-1	46472	45436	46731	46213	1.48	cps
Strontium	88-1	391931	391172	391510	391538	0.10	cps
Sulfur	34-1	307812	306200	301369	305127	1.10	cps
Terbium	159-1	4309146	4506030	4435226	4416801	2.26	cps
Terbium	159-2	1478335	1499108	1420003	1465815	2.80	cps
Thallium	203-1	358	358	333	350	4.12	cps
Thallium	205-1	817	633	633	695	15.24	cps
Tin	118-1	967	833	767	856	11.90	cps
Titanium	47-1	11655	11088	11305	11350	2.52	cps
Uranium	238-1	4801	5118	5101	5007	3.56	cps
Vanadium	51-2	7432	7255	7809	7499	3.77	cps
Yttrium	89-1	4908793	5108707	5017936	5011812	2.00	cps
Yttrium	89-2	271111	275923	260768	269267	2.88	cps
Zinc	66-2	7819	8503	8173	8165	4.19	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-11DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD004-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:25:07	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11572	12047	11464	11694	2.66	cps
Zirconium	91-1	2509	2559	2584	2550	1.50	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 15:31:40	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	432349	436950	435993	435097	0.56	cps
Antimony	121-1	2414019	2436613	2384980	2411871	1.07	cps
Arsenic	75-2	60173	60158	60080	60137	0.08	cps
Barium	135-1	2364405	2324076	2327668	2338716	0.95	cps
Barium	137-1	4043424	4022862	3993419	4019902	0.63	cps
Beryllium	9-1	283195	285840	283637	284224	0.50	cps
Bismuth	209-1	2387585	2339712	2311712	2346336	1.64	cps
Bismuth	209-2	956708	955055	1057989	989917	5.96	cps
Boron	10-1	39021	39255	39915	39397	1.18	cps
Boron	11-1	201661	209841	206900	206134	2.01	cps
Cadmium	111-1	545863	543689	544724	544758	0.20	cps
Cadmium	106-1	58084	59315	59340	58913	1.22	cps
Cadmium	108-1	39729	40064	39508	39767	0.70	cps
Calcium	43-1	3679896	3697988	3746551	3708145	0.93	cps
Calcium	44-1	58929631	58490576	57908972	58443060	0.88	cps
Chromium	52-2	488133	490295	489991	489473	0.24	cps
Cobalt	59-2	913788	919040	914536	915788	0.31	cps
Copper	63-2	1489915	1496017	1488869	1491600	0.26	cps
Dysprosium	156-1	67	42	67	58	24.74	cps
Dysprosium	156-2	0	10	13	8	89.21	cps
Erbium	164-1	17	25	8	17	50.01	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	42	25	25	31	31.50	cps
Gadolinium	160-2	27	13	7	16	65.47	cps
Holmium	165-1	4450694	4260130	4228592	4313139	2.79	cps
Holmium	165-2	1438330	1423506	1620742	1494193	7.35	cps
Indium	115-1	4099303	4040497	4048544	4062781	0.78	cps
Indium	115-2	295718	296267	334161	308715	7.14	cps
Iron	56-2	82888399	82156016	81558799	82201071	0.81	cps
Iron	57-2	2132286	2128870	2136808	2132655	0.19	cps
Krypton	83-1	670	660	553	628	10.30	cps
Lead	206-1	1032228	1024571	1012101	1022967	0.99	cps
Lead	207-1	923305	924680	909959	919315	0.88	cps
Lead	208-1	4270624	4264208	4183534	4239456	1.14	cps
Lithium	6-1	310423	316445	312104	312991	0.99	cps
Magnesium	24-2	9060693	9035003	8923865	9006520	0.81	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 15:31:40	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	293978	296954	292327	294420	0.80	cps
Molybdenum	94-1	4704282	4668935	4645823	4673014	0.63	cps
Molybdenum	95-1	5728231	5738966	5737058	5734752	0.10	cps
Molybdenum	96-1	6301908	6412923	6372259	6362364	0.88	cps
Molybdenum	97-1	3560051	3498374	3549834	3536087	0.93	cps
Molybdenum	98-1	9068103	9102471	8979960	9050178	0.70	cps
Neodymium	150-1	113	120	67	100	29.06	cps
Neodymium	150-2	10	3	17	10	66.70	cps
Nickel	60-2	271400	271530	269356	270762	0.45	cps
Phosphorus	31-2	6777	6869	6710	6785	1.17	cps
Potassium	39-2	2897136	2917565	2905982	2906894	0.35	cps
Rhodium	103-1	4182498	4148983	4084432	4138638	1.20	cps
Rhodium	103-2	1603914	1570299	1771104	1648439	6.52	cps
Scandium	45-1	3500301	3431967	3428289	3453519	1.17	cps
Scandium	45-2	45665	46821	51838	48108	6.82	cps
Selenium	77-2	440	423	533	466	12.73	cps
Selenium	78-2	1550	1630	1659	1613	3.50	cps
Selenium	82-1	41052	40519	40643	40738	0.69	cps
Silicon	28-1	1757607	1797369	1784516	1779831	1.14	cps
Silver	109-1	2539661	2544298	2557416	2547125	0.36	cps
Silver	107-1	2733628	2696157	2698095	2709293	0.78	cps
Sodium	23-2	20978307	20917120	20840299	20911909	0.33	cps
Strontium	86-1	733380	724834	715072	724429	1.26	cps
Strontium	88-1	6230550	6180822	6181459	6197610	0.46	cps
Sulfur	34-1	630321	637952	642564	636946	0.97	cps
Terbium	159-1	4639808	4516408	4456048	4537421	2.06	cps
Terbium	159-2	1427610	1431036	1636160	1498269	7.97	cps
Thallium	203-1	1303448	1290113	1278049	1290537	0.98	cps
Thallium	205-1	3199214	3148234	3151195	3166214	0.90	cps
Tin	118-1	1663003	1670905	1651331	1661746	0.59	cps
Titanium	47-1	1858560	1828515	1860668	1849248	0.97	cps
Uranium	238-1	3921536	3877314	3913501	3904117	0.60	cps
Vanadium	51-2	355164	350280	352528	352657	0.69	cps
Yttrium	89-1	5038421	5016054	4926112	4993529	1.19	cps
Yttrium	89-2	258273	257769	288946	268330	6.65	cps
Zinc	66-2	162458	161346	163039	162281	0.53	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 15:31:40	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3879451	3948338	3961329	3929706	1.12	cps
Zirconium	91-1	846899	852388	863326	854204	0.98	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : CCB14 Instrumnet Name : P8
 Client Sample ID : CCB14 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 15:37:01 DataFile Name : 055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	100	40	66	46.87	cps
Antimony	121-1	717	700	975	797	19.34	cps
Arsenic	75-2	7	17	6	10	60.25	cps
Barium	135-1	25	117	67	69	66.09	cps
Barium	137-1	83	150	75	103	40.00	cps
Beryllium	9-1	37	37	53	42	22.78	cps
Bismuth	209-1	2302747	2455556	2376374	2378226	3.21	cps
Bismuth	209-2	990513	1072744	968662	1010640	5.43	cps
Boron	10-1	425	525	300	417	27.06	cps
Boron	11-1	2050	2209	2159	2139	3.79	cps
Cadmium	111-1	937	971	908	938	3.33	cps
Cadmium	106-1	1325	1367	1300	1331	2.53	cps
Cadmium	108-1	17	4	21	14	62.43	cps
Calcium	43-1	410	380	413	401	4.58	cps
Calcium	44-1	86752	86849	86128	86577	0.45	cps
Chromium	52-2	2147	2174	2114	2145	1.40	cps
Cobalt	59-2	93	103	103	100	5.77	cps
Copper	63-2	257	293	270	273	6.79	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	33	17	25	33.32	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	67	42	42	50	28.87	cps
Gadolinium	160-2	10	10	17	12	31.50	cps
Holmium	165-1	4029858	4235517	4184965	4150113	2.58	cps
Holmium	165-2	1403049	1519274	1363167	1428496	5.68	cps
Indium	115-1	3942893	4200172	4169824	4104296	3.43	cps
Indium	115-2	311822	330553	304064	315479	4.32	cps
Iron	56-2	5851	6446	5929	6076	5.32	cps
Iron	57-2	178	222	189	196	11.78	cps
Krypton	83-1	613	600	577	597	3.11	cps
Lead	206-1	417	389	422	409	4.36	cps
Lead	207-1	378	272	289	313	18.13	cps
Lead	208-1	1672	1561	1461	1565	6.75	cps
Lithium	6-1	290127	302715	301368	298070	2.32	cps
Magnesium	24-2	308	383	358	350	10.91	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 15:37:01	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	130	130	140	133	4.33	cps
Molybdenum	94-1	275	333	317	308	9.74	cps
Molybdenum	95-1	183	167	225	192	15.68	cps
Molybdenum	96-1	317	308	283	303	5.73	cps
Molybdenum	97-1	233	208	292	244	17.50	cps
Molybdenum	98-1	267	250	392	303	25.57	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	130	117	117	121	6.35	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	6869	6877	6810	6852	0.53	cps
Rhodium	103-1	4082506	4356416	4289779	4242900	3.37	cps
Rhodium	103-2	1699008	1844742	1671341	1738364	5.36	cps
Scandium	45-1	3149967	3434476	3367838	3317427	4.49	cps
Scandium	45-2	45755	48266	44788	46270	3.88	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	-110	-122	-11	-81	-74.99	cps
Silicon	28-1	231298	233907	232425	232543	0.56	cps
Silver	109-1	33	92	92	72	46.63	cps
Silver	107-1	117	150	200	156	26.96	cps
Sodium	23-2	19881	19372	18988	19414	2.31	cps
Strontium	86-1	792	842	783	806	3.92	cps
Strontium	88-1	100	75	75	83	17.33	cps
Sulfur	34-1	386187	385704	386684	386192	0.13	cps
Terbium	159-1	4215711	4523312	4396107	4378377	3.53	cps
Terbium	159-2	1426940	1549986	1376677	1451201	6.14	cps
Thallium	203-1	158	58	150	122	45.40	cps
Thallium	205-1	425	267	300	331	25.25	cps
Tin	118-1	308	267	317	297	9.01	cps
Titanium	47-1	100	192	150	147	31.17	cps
Uranium	238-1	50	17	17	28	69.27	cps
Vanadium	51-2	37	30	17	28	36.66	cps
Yttrium	89-1	4689952	5019150	4958777	4889293	3.58	cps
Yttrium	89-2	262236	278847	253387	264823	4.88	cps
Zinc	66-2	143	150	103	132	19.09	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 15:37:01	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	425	500	550	492	12.80	cps
Zirconium	91-1	83	142	133	119	26.41	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-12DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD004-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:41:00 DataFile Name : 056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250521	245544	250157	248740	1.12	cps
Antimony	121-1	358	333	425	372	12.73	cps
Arsenic	75-2	159	215	150	175	20.07	cps
Barium	135-1	355816	359519	356079	357138	0.58	cps
Barium	137-1	620226	622300	617004	619844	0.43	cps
Beryllium	9-1	420	453	543	472	13.51	cps
Bismuth	209-1	2379783	2391400	2352584	2374589	0.84	cps
Bismuth	209-2	1052251	1036319	979193	1022588	3.76	cps
Boron	10-1	317	467	317	367	23.62	cps
Boron	11-1	1892	2092	1950	1978	5.20	cps
Cadmium	111-1	1004	972	1032	1003	2.99	cps
Cadmium	106-1	1367	1300	1367	1345	2.86	cps
Cadmium	108-1	33	54	29	39	34.44	cps
Calcium	43-1	55265	57510	54937	55904	2.51	cps
Calcium	44-1	984694	1004157	980375	989742	1.28	cps
Chromium	52-2	24398	23313	23356	23689	2.59	cps
Cobalt	59-2	18569	18539	18279	18462	0.86	cps
Copper	63-2	19197	19157	19884	19413	2.11	cps
Dysprosium	156-1	13007	13032	12957	12999	0.29	cps
Dysprosium	156-2	4798	4721	4531	4683	2.93	cps
Erbium	164-1	9679	9504	9579	9587	0.92	cps
Erbium	164-2	3230	3334	3247	3270	1.70	cps
Gadolinium	160-1	12773	12181	12298	12418	2.53	cps
Gadolinium	160-2	5511	5618	5508	5546	1.13	cps
Holmium	165-1	4155865	4193180	4133077	4160707	0.73	cps
Holmium	165-2	1503754	1520372	1425024	1483050	3.43	cps
Indium	115-1	4067252	4097786	4064143	4076394	0.46	cps
Indium	115-2	331452	329489	309770	323570	3.71	cps
Iron	56-2	19151399	19015850	19035262	19067504	0.38	cps
Iron	57-2	471686	470730	473780	472066	0.33	cps
Krypton	83-1	630	547	570	582	7.38	cps
Lead	206-1	48170	47523	46558	47417	1.71	cps
Lead	207-1	39741	40421	39362	39841	1.35	cps
Lead	208-1	185035	187414	182776	185075	1.25	cps
Lithium	6-1	308647	307812	304182	306881	0.77	cps
Magnesium	24-2	229013	226148	227603	227588	0.63	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-12DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD004-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:41:00	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	126026	124070	126359	125485	0.99	cps
Molybdenum	94-1	9779	10104	9721	9868	2.09	cps
Molybdenum	95-1	417	458	425	433	5.09	cps
Molybdenum	96-1	2075	2325	2192	2198	5.69	cps
Molybdenum	97-1	375	433	275	361	22.18	cps
Molybdenum	98-1	575	525	725	608	17.11	cps
Neodymium	150-1	17706	18507	17752	17988	2.50	cps
Neodymium	150-2	4024	4167	4134	4108	1.83	cps
Nickel	60-2	14011	13660	13580	13750	1.66	cps
Phosphorus	31-2	650	725	650	675	6.42	cps
Potassium	39-2	27377	28597	27578	27851	2.35	cps
Rhodium	103-1	4262041	4274053	4243964	4260020	0.36	cps
Rhodium	103-2	1832534	1826337	1707629	1788833	3.94	cps
Scandium	45-1	3362706	3408222	3363200	3378043	0.77	cps
Scandium	45-2	49544	49962	45948	48485	4.55	cps
Selenium	77-2	23	33	7	21	63.80	cps
Selenium	78-2	20	19	24	21	13.47	cps
Selenium	82-1	-55	8	29	-6	-711.78	cps
Silicon	28-1	10769515	10957278	10687591	10804795	1.28	cps
Silver	109-1	150	183	167	167	10.00	cps
Silver	107-1	233	208	158	200	19.10	cps
Sodium	23-2	35169	35195	33941	34768	2.06	cps
Strontium	86-1	42910	42844	41706	42487	1.59	cps
Strontium	88-1	358811	358706	354266	357261	0.73	cps
Sulfur	34-1	351873	347999	339585	346486	1.81	cps
Terbium	159-1	4448416	4453522	4453335	4451758	0.07	cps
Terbium	159-2	1551176	1543200	1428840	1507738	4.54	cps
Thallium	203-1	517	558	525	533	4.13	cps
Thallium	205-1	1258	1267	1092	1206	8.19	cps
Tin	118-1	550	567	667	594	10.61	cps
Titanium	47-1	17470	17695	17795	17654	0.94	cps
Uranium	238-1	5718	5368	5860	5649	4.48	cps
Vanadium	51-2	14778	14811	15018	14869	0.88	cps
Yttrium	89-1	5118530	5126603	5117093	5120742	0.10	cps
Yttrium	89-2	292086	288689	270870	283882	4.01	cps
Zinc	66-2	14318	13994	14027	14113	1.26	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-12DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD004-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:41:00	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	27178	27420	28790	27796	3.13	cps
Zirconium	91-1	6444	6694	5835	6324	6.98	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-13DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD005-0006-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:44:25 DataFile Name : 057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	144755	143008	145067	144277	0.77	cps
Antimony	121-1	425	475	525	475	10.53	cps
Arsenic	75-2	1407	1254	1315	1325	5.84	cps
Barium	135-1	123329	122798	126146	124091	1.45	cps
Barium	137-1	212551	216497	216672	215240	1.08	cps
Beryllium	9-1	400	457	423	427	6.68	cps
Bismuth	209-1	2305201	2445821	2268421	2339814	4.00	cps
Bismuth	209-2	1028770	1001946	977887	1002868	2.54	cps
Boron	10-1	383	442	350	392	11.85	cps
Boron	11-1	2117	2025	2209	2117	4.33	cps
Cadmium	111-1	1464	1580	1418	1487	5.61	cps
Cadmium	106-1	1609	1825	1567	1667	8.32	cps
Cadmium	108-1	142	146	125	138	8.02	cps
Calcium	43-1	57045	57899	58093	57679	0.97	cps
Calcium	44-1	995620	998352	1008153	1000708	0.66	cps
Chromium	52-2	27464	26883	27344	27230	1.13	cps
Cobalt	59-2	33491	33086	32411	32996	1.65	cps
Copper	63-2	57539	57535	57217	57430	0.32	cps
Dysprosium	156-1	22904	21794	22211	22303	2.51	cps
Dysprosium	156-2	8476	8513	8553	8514	0.45	cps
Erbium	164-1	20509	18956	19424	19630	4.06	cps
Erbium	164-2	6638	6545	6822	6668	2.11	cps
Gadolinium	160-1	22195	22061	22495	22250	1.00	cps
Gadolinium	160-2	10121	10077	9881	10026	1.28	cps
Holmium	165-1	4071359	4351905	4082714	4168659	3.81	cps
Holmium	165-2	1494582	1450144	1407395	1450707	3.01	cps
Indium	115-1	4009871	4321843	4033532	4121749	4.21	cps
Indium	115-2	318832	316029	305772	313545	2.19	cps
Iron	56-2	19296284	18975549	18908662	19060165	1.09	cps
Iron	57-2	476236	478708	475301	476749	0.37	cps
Krypton	83-1	743	547	640	643	15.29	cps
Lead	206-1	42360	43068	43853	43094	1.73	cps
Lead	207-1	35333	35873	35004	35404	1.24	cps
Lead	208-1	166508	167007	166728	166748	0.15	cps
Lithium	6-1	288424	300527	288865	292605	2.35	cps
Magnesium	24-2	267678	267199	269180	268019	0.39	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-13DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD005-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:44:25	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	90940	89642	90457	90347	0.73	cps
Molybdenum	94-1	40102	39626	40127	39952	0.71	cps
Molybdenum	95-1	2267	2209	2034	2170	5.60	cps
Molybdenum	96-1	8553	8378	9504	8812	6.88	cps
Molybdenum	97-1	1417	1433	1183	1345	10.40	cps
Molybdenum	98-1	2917	3167	2934	3006	4.65	cps
Neodymium	150-1	30209	29594	29888	29897	1.03	cps
Neodymium	150-2	6592	7145	7182	6973	4.74	cps
Nickel	60-2	26883	26389	26809	26694	1.00	cps
Phosphorus	31-2	758	808	725	764	5.49	cps
Potassium	39-2	37601	37835	37718	37718	0.31	cps
Rhodium	103-1	4184126	4484699	4155303	4274710	4.27	cps
Rhodium	103-2	1752274	1740208	1685437	1725973	2.06	cps
Scandium	45-1	3297738	3577090	3312803	3395877	4.63	cps
Scandium	45-2	48364	48287	45898	47516	2.95	cps
Selenium	77-2	60	57	53	57	5.89	cps
Selenium	78-2	56	35	28	40	36.41	cps
Selenium	82-1	-85	108	18	13	718.18	cps
Silicon	28-1	8455997	8454235	8454067	8454767	0.01	cps
Silver	109-1	308	308	367	328	10.28	cps
Silver	107-1	458	358	408	408	12.24	cps
Sodium	23-2	33081	33858	34543	33827	2.16	cps
Strontium	86-1	27980	27504	28548	28010	1.87	cps
Strontium	88-1	236555	233762	232916	234411	0.81	cps
Sulfur	34-1	393186	391445	386813	390481	0.84	cps
Terbium	159-1	4351055	4574022	4279335	4401471	3.49	cps
Terbium	159-2	1506800	1491674	1421070	1473181	3.11	cps
Thallium	203-1	367	333	283	328	12.80	cps
Thallium	205-1	700	717	767	728	4.77	cps
Tin	118-1	1000	942	983	975	3.08	cps
Titanium	47-1	122366	123786	122718	122957	0.60	cps
Uranium	238-1	15335	16169	15635	15713	2.69	cps
Vanadium	51-2	22568	21790	22181	22180	1.75	cps
Yttrium	89-1	5286801	5526056	5208765	5340541	3.10	cps
Yttrium	89-2	288969	286025	279841	284945	1.64	cps
Zinc	66-2	18259	18085	18159	18168	0.48	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-13DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD005-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:44:25	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	105288	104171	107658	105706	1.68	cps
Zirconium	91-1	23938	23688	23338	23655	1.28	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-14DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD005-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:47:51 DataFile Name : 058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158808	157597	157227	157877	0.52	cps
Antimony	121-1	483	625	608	572	13.53	cps
Arsenic	75-2	2187	2158	2134	2159	1.25	cps
Barium	135-1	153337	155098	153911	154115	0.58	cps
Barium	137-1	267451	264922	268048	266807	0.62	cps
Beryllium	9-1	690	697	700	696	0.73	cps
Bismuth	209-1	2408139	2541472	2343339	2430983	4.16	cps
Bismuth	209-2	970327	985609	985973	980637	0.91	cps
Boron	10-1	267	433	350	350	23.81	cps
Boron	11-1	1809	1984	1850	1881	4.86	cps
Cadmium	111-1	1571	1560	1619	1583	1.98	cps
Cadmium	106-1	1684	1809	1875	1789	5.44	cps
Cadmium	108-1	129	188	146	154	19.49	cps
Calcium	43-1	64772	65515	64996	65094	0.59	cps
Calcium	44-1	1123317	1130561	1122307	1125395	0.40	cps
Chromium	52-2	33818	33166	33701	33562	1.04	cps
Cobalt	59-2	64475	64053	64181	64236	0.34	cps
Copper	63-2	55808	55902	55035	55582	0.86	cps
Dysprosium	156-1	31130	30078	30236	30481	1.86	cps
Dysprosium	156-2	11842	11605	11782	11743	1.05	cps
Erbium	164-1	27830	27964	28850	28215	1.96	cps
Erbium	164-2	9574	9644	9737	9652	0.85	cps
Gadolinium	160-1	31924	30596	31456	31325	2.15	cps
Gadolinium	160-2	13821	14438	13647	13969	2.98	cps
Holmium	165-1	4295531	4594936	4216447	4368971	4.57	cps
Holmium	165-2	1409623	1416290	1414973	1413629	0.25	cps
Indium	115-1	4219304	4430464	4086008	4245259	4.09	cps
Indium	115-2	306485	305474	305277	305745	0.21	cps
Iron	56-2	23789891	23811698	23797592	23799727	0.05	cps
Iron	57-2	590548	587818	584909	587758	0.48	cps
Krypton	83-1	587	720	603	637	11.41	cps
Lead	206-1	41904	42951	42310	42388	1.25	cps
Lead	207-1	36236	35489	35746	35824	1.06	cps
Lead	208-1	167737	165493	166311	166514	0.68	cps
Lithium	6-1	296320	308767	292809	299298	2.80	cps
Magnesium	24-2	274316	280262	276772	277117	1.08	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-14DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD005-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:47:51	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	117919	115748	117543	117070	0.99	cps
Molybdenum	94-1	59179	58418	58661	58753	0.66	cps
Molybdenum	95-1	3009	2817	3084	2970	4.63	cps
Molybdenum	96-1	13374	12656	12707	12912	3.10	cps
Molybdenum	97-1	2125	1784	1800	1903	10.13	cps
Molybdenum	98-1	4943	4768	4601	4770	3.58	cps
Neodymium	150-1	37468	37307	37427	37401	0.22	cps
Neodymium	150-2	8369	8453	8490	8437	0.73	cps
Nickel	60-2	37604	38119	37320	37681	1.07	cps
Phosphorus	31-2	658	792	717	722	9.25	cps
Potassium	39-2	35195	35128	35629	35317	0.77	cps
Rhodium	103-1	4372535	4679183	4258562	4436760	4.90	cps
Rhodium	103-2	1694770	1689258	1723845	1702624	1.09	cps
Scandium	45-1	3510027	3736776	3482874	3576559	3.90	cps
Scandium	45-2	46417	47142	47664	47074	1.33	cps
Selenium	77-2	110	50	73	78	38.89	cps
Selenium	78-2	52	50	54	52	3.57	cps
Selenium	82-1	229	28	195	151	71.35	cps
Silicon	28-1	7098749	7219315	7166742	7161602	0.84	cps
Silver	109-1	283	267	383	311	20.28	cps
Silver	107-1	433	325	400	386	14.37	cps
Sodium	23-2	32421	32547	32004	32324	0.88	cps
Strontium	86-1	37528	37327	36784	37213	1.03	cps
Strontium	88-1	312401	311856	315956	313404	0.71	cps
Sulfur	34-1	448530	446259	448395	447728	0.28	cps
Terbium	159-1	4527437	4805493	4430395	4587775	4.24	cps
Terbium	159-2	1435518	1432273	1439725	1435839	0.26	cps
Thallium	203-1	342	292	500	378	28.79	cps
Thallium	205-1	742	792	733	756	4.18	cps
Tin	118-1	1158	1225	1125	1170	4.35	cps
Titanium	47-1	139667	134718	136444	136943	1.83	cps
Uranium	238-1	27314	27064	26972	27117	0.65	cps
Vanadium	51-2	38797	39466	40064	39442	1.61	cps
Yttrium	89-1	5562939	5985831	5539207	5695992	4.41	cps
Yttrium	89-2	289207	287659	289499	288788	0.34	cps
Zinc	66-2	23951	23771	24161	23961	0.82	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-14DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD005-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:47:51	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	161295	157398	161337	160010	1.41	cps
Zirconium	91-1	35138	35147	35514	35266	0.61	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-15DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD006-0006-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:51:17 DataFile Name : 059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	219214	217080	218099	218131	0.49	cps
Antimony	121-1	1367	1325	1525	1406	7.51	cps
Arsenic	75-2	772	730	780	761	3.55	cps
Barium	135-1	892028	891670	859022	880907	2.15	cps
Barium	137-1	1601684	1572575	1498696	1557652	3.41	cps
Beryllium	9-1	1067	1033	923	1008	7.44	cps
Bismuth	209-1	2451984	2396145	2307512	2385213	3.05	cps
Bismuth	209-2	1024105	1052530	1014291	1030309	1.93	cps
Boron	10-1	450	417	383	417	8.00	cps
Boron	11-1	2167	2392	2467	2342	6.67	cps
Cadmium	111-1	2594	2486	2380	2487	4.31	cps
Cadmium	106-1	1742	1642	1500	1628	7.46	cps
Cadmium	108-1	179	192	154	175	10.91	cps
Calcium	43-1	311623	306698	295823	304714	2.65	cps
Calcium	44-1	5039855	4949280	4818142	4935759	2.26	cps
Chromium	52-2	27410	27454	27490	27452	0.15	cps
Cobalt	59-2	20532	20896	20542	20657	1.00	cps
Copper	63-2	111315	110643	110730	110896	0.33	cps
Dysprosium	156-1	19390	19123	18222	18912	3.24	cps
Dysprosium	156-2	7289	7369	7079	7245	2.07	cps
Erbium	164-1	18072	18147	17446	17888	2.15	cps
Erbium	164-2	5951	5998	5591	5847	3.81	cps
Gadolinium	160-1	19724	19090	17863	18892	5.01	cps
Gadolinium	160-2	8860	8746	9023	8876	1.57	cps
Holmium	165-1	4334851	4171283	4072762	4192965	3.16	cps
Holmium	165-2	1494618	1521213	1433533	1483122	3.03	cps
Indium	115-1	4237362	4103450	3965890	4102234	3.31	cps
Indium	115-2	319223	327301	317986	321503	1.57	cps
Iron	56-2	18053702	18143164	17979763	18058876	0.45	cps
Iron	57-2	445354	451175	441048	445859	1.14	cps
Krypton	83-1	633	583	543	587	7.69	cps
Lead	206-1	239752	237817	227299	234956	2.85	cps
Lead	207-1	200075	199941	194125	198047	1.72	cps
Lead	208-1	936343	928727	900201	921757	2.07	cps
Lithium	6-1	296707	292037	283036	290593	2.39	cps
Magnesium	24-2	203462	202311	204825	203533	0.62	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-15DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:51:17	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	751211	754363	749267	751613	0.34	cps
Molybdenum	94-1	19965	19506	18972	19481	2.55	cps
Molybdenum	95-1	3251	3084	2984	3106	4.34	cps
Molybdenum	96-1	6068	6443	6135	6216	3.22	cps
Molybdenum	97-1	2150	1984	2067	2067	4.03	cps
Molybdenum	98-1	5268	4884	4484	4879	8.03	cps
Neodymium	150-1	22948	21919	22233	22366	2.36	cps
Neodymium	150-2	5011	5358	5171	5180	3.35	cps
Nickel	60-2	17281	17034	17685	17333	1.90	cps
Phosphorus	31-2	1475	1433	1225	1378	9.72	cps
Potassium	39-2	34752	34001	34268	34340	1.11	cps
Rhodium	103-1	4423223	4265839	4108648	4265903	3.69	cps
Rhodium	103-2	1770273	1814815	1761134	1782074	1.61	cps
Scandium	45-1	3518049	3387048	3221642	3375579	4.40	cps
Scandium	45-2	48223	49112	47423	48253	1.75	cps
Selenium	77-2	53	47	77	59	26.75	cps
Selenium	78-2	30	41	26	32	24.01	cps
Selenium	82-1	206	250	205	220	11.67	cps
Silicon	28-1	4930225	4869980	4730916	4843707	2.11	cps
Silver	109-1	775	700	683	720	6.79	cps
Silver	107-1	800	800	750	783	3.68	cps
Sodium	23-2	40258	40860	40450	40523	0.76	cps
Strontium	86-1	214521	213202	204775	210833	2.51	cps
Strontium	88-1	1881542	1839498	1786287	1835776	2.60	cps
Sulfur	34-1	511878	514246	504743	510289	0.97	cps
Terbium	159-1	4603325	4454813	4349103	4469080	2.86	cps
Terbium	159-2	1505770	1527588	1469889	1501083	1.94	cps
Thallium	203-1	675	592	550	606	10.51	cps
Thallium	205-1	1450	1350	1308	1370	5.32	cps
Tin	118-1	2134	2017	2259	2136	5.66	cps
Titanium	47-1	30768	31178	29115	30354	3.60	cps
Uranium	238-1	10088	10080	9429	9865	3.83	cps
Vanadium	51-2	24498	24455	24248	24400	0.55	cps
Yttrium	89-1	5509172	5335378	5030874	5291808	4.58	cps
Yttrium	89-2	290974	295607	286285	290955	1.60	cps
Zinc	66-2	27751	27658	27982	27797	0.60	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-15DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:51:17	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	51716	51013	48604	50445	3.24	cps
Zirconium	91-1	11222	11238	10930	11130	1.56	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:54:42	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	81547	79465	81987	80999	1.66	cps
Antimony	121-1	225	167	292	228	27.46	cps
Arsenic	75-2	150	146	161	152	5.06	cps
Barium	135-1	445761	467811	453522	455698	2.45	cps
Barium	137-1	775949	801370	798192	791837	1.75	cps
Beryllium	9-1	203	227	193	208	8.23	cps
Bismuth	209-1	2142572	2321945	2347335	2270617	4.92	cps
Bismuth	209-2	1026790	951914	979252	985985	3.84	cps
Boron	10-1	225	150	275	217	29.04	cps
Boron	11-1	942	992	975	970	2.63	cps
Cadmium	111-1	1116	1276	1231	1207	6.80	cps
Cadmium	106-1	1258	1367	1433	1353	6.53	cps
Cadmium	108-1	21	63	21	35	69.29	cps
Calcium	43-1	86370	89482	89325	88393	1.98	cps
Calcium	44-1	1505378	1546029	1547075	1532827	1.55	cps
Chromium	52-2	8136	7966	7906	8002	1.49	cps
Cobalt	59-2	3384	3247	3127	3253	3.95	cps
Copper	63-2	24465	23654	24328	24149	1.80	cps
Dysprosium	156-1	6202	6644	6252	6366	3.80	cps
Dysprosium	156-2	2360	2337	2474	2390	3.06	cps
Erbium	164-1	4709	5035	5310	5018	5.99	cps
Erbium	164-2	1667	1643	1737	1682	2.89	cps
Gadolinium	160-1	6135	6160	6285	6193	1.30	cps
Gadolinium	160-2	2710	2747	2900	2786	3.62	cps
Holmium	165-1	3828596	4089649	4161331	4026525	4.35	cps
Holmium	165-2	1525038	1361820	1390114	1425657	6.12	cps
Indium	115-1	3796157	3988058	4050275	3944830	3.36	cps
Indium	115-2	319308	292800	301359	304489	4.44	cps
Iron	56-2	2873526	2829604	2903194	2868775	1.29	cps
Iron	57-2	69557	67977	70701	69412	1.97	cps
Krypton	83-1	580	630	663	624	6.72	cps
Lead	206-1	35918	37222	38448	37196	3.40	cps
Lead	207-1	30270	31289	30922	30827	1.67	cps
Lead	208-1	141349	145890	146670	144636	1.99	cps
Lithium	6-1	262703	275275	284241	274073	3.95	cps
Magnesium	24-2	37425	35420	38052	36966	3.72	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-16DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD006-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:54:42 DataFile Name : 060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	185772	184666	190213	186884	1.57	cps
Molybdenum	94-1	4834	5035	5226	5032	3.89	cps
Molybdenum	95-1	583	550	417	517	17.07	cps
Molybdenum	96-1	1233	1442	1100	1258	13.69	cps
Molybdenum	97-1	325	475	600	467	29.51	cps
Molybdenum	98-1	683	792	833	769	10.06	cps
Neodymium	150-1	8823	9530	9871	9408	5.68	cps
Neodymium	150-2	2254	2157	2217	2209	2.21	cps
Nickel	60-2	2874	2870	3100	2948	4.47	cps
Phosphorus	31-2	325	408	308	347	15.43	cps
Potassium	39-2	22778	21167	21526	21823	3.88	cps
Rhodium	103-1	3959361	4191021	4191946	4114110	3.26	cps
Rhodium	103-2	1777325	1638462	1688380	1701389	4.13	cps
Scandium	45-1	3066273	3232259	3265704	3188079	3.35	cps
Scandium	45-2	47029	44133	44738	45300	3.37	cps
Selenium	77-2	13	13	27	18	43.33	cps
Selenium	78-2	9	9	11	10	10.81	cps
Selenium	82-1	35	-14	-93	-24	-268.28	cps
Silicon	28-1	3795788	3876368	3829438	3833865	1.06	cps
Silver	109-1	100	92	83	92	9.09	cps
Silver	107-1	117	142	108	122	14.20	cps
Sodium	23-2	31937	30776	31653	31455	1.92	cps
Strontium	86-1	61305	62820	63005	62377	1.49	cps
Strontium	88-1	511778	534349	533363	526497	2.42	cps
Sulfur	34-1	335863	326043	323519	328475	1.99	cps
Terbium	159-1	3997651	4293937	4446023	4245870	5.37	cps
Terbium	159-2	1526140	1380001	1410742	1438961	5.35	cps
Thallium	203-1	275	492	417	394	27.89	cps
Thallium	205-1	1025	1000	892	972	7.29	cps
Tin	118-1	667	650	650	656	1.47	cps
Titanium	47-1	9946	10062	9287	9765	4.28	cps
Uranium	238-1	2867	2842	2784	2831	1.51	cps
Vanadium	51-2	5014	4794	5171	4993	3.79	cps
Yttrium	89-1	4679371	4934903	5018674	4877649	3.62	cps
Yttrium	89-2	274275	255930	260777	263661	3.61	cps
Zinc	66-2	4788	4608	4654	4683	2.00	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:54:42	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12698	13365	13115	13060	2.58	cps
Zirconium	91-1	2942	3051	3359	3117	6.94	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-16DUPDLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD006-0612-01DU Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 15:58:07 DataFile Name : 061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	80068	78984	79467	79506	0.68	cps
Antimony	121-1	300	283	300	294	3.27	cps
Arsenic	75-2	148	131	174	151	14.19	cps
Barium	135-1	460360	460986	458858	460068	0.24	cps
Barium	137-1	792230	799359	797754	796448	0.47	cps
Beryllium	9-1	207	217	233	219	6.16	cps
Bismuth	209-1	2406105	2314661	2377296	2366021	1.98	cps
Bismuth	209-2	996024	1008854	994553	999810	0.79	cps
Boron	10-1	242	167	242	217	19.98	cps
Boron	11-1	1142	1217	925	1095	13.84	cps
Cadmium	111-1	1114	1049	1152	1105	4.69	cps
Cadmium	106-1	1192	1158	1208	1186	2.15	cps
Cadmium	108-1	58	58	33	50	28.88	cps
Calcium	43-1	92294	91616	91378	91762	0.52	cps
Calcium	44-1	1564702	1583060	1590237	1579333	0.83	cps
Chromium	52-2	7982	7942	8183	8036	1.60	cps
Cobalt	59-2	3430	3377	3407	3405	0.79	cps
Copper	63-2	24041	24605	23894	24180	1.55	cps
Dysprosium	156-1	6285	6819	6360	6488	4.45	cps
Dysprosium	156-2	2357	2297	2264	2306	2.05	cps
Erbium	164-1	4918	5451	5093	5154	5.28	cps
Erbium	164-2	1607	1733	1777	1706	5.18	cps
Gadolinium	160-1	5643	5902	6293	5946	5.51	cps
Gadolinium	160-2	2530	2604	2687	2607	3.01	cps
Holmium	165-1	4273010	4076880	4282206	4210699	2.75	cps
Holmium	165-2	1430018	1442074	1427583	1433225	0.54	cps
Indium	115-1	4132831	3957802	4116849	4069161	2.38	cps
Indium	115-2	307844	311558	306826	308743	0.81	cps
Iron	56-2	2977462	2992875	3015898	2995412	0.65	cps
Iron	57-2	72472	72879	73829	73060	0.95	cps
Krypton	83-1	613	597	677	629	6.71	cps
Lead	206-1	41335	41563	40671	41189	1.12	cps
Lead	207-1	33940	34687	35434	34687	2.15	cps
Lead	208-1	159396	161815	161060	160757	0.77	cps
Lithium	6-1	292191	281884	288525	287533	1.82	cps
Magnesium	24-2	38988	37868	38018	38291	1.59	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01DU	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:58:07	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	188012	187146	188286	187815	0.32	cps
Molybdenum	94-1	4976	5168	5368	5171	3.79	cps
Molybdenum	95-1	608	475	567	550	12.40	cps
Molybdenum	96-1	1433	1575	1467	1492	4.97	cps
Molybdenum	97-1	542	508	417	489	13.24	cps
Molybdenum	98-1	867	892	933	897	3.75	cps
Neodymium	150-1	9917	9277	9264	9486	3.94	cps
Neodymium	150-2	2107	2060	2024	2064	2.02	cps
Nickel	60-2	2974	3107	2950	3010	2.81	cps
Phosphorus	31-2	433	442	375	417	8.72	cps
Potassium	39-2	21484	22210	20791	21495	3.30	cps
Rhodium	103-1	4305973	4164262	4309005	4259746	1.94	cps
Rhodium	103-2	1732495	1737084	1705521	1725033	0.99	cps
Scandium	45-1	3305586	3212547	3315382	3277839	1.73	cps
Scandium	45-2	46032	46005	45019	45685	1.26	cps
Selenium	77-2	30	30	17	26	30.11	cps
Selenium	78-2	11	4	24	13	79.55	cps
Selenium	82-1	-22	-40	-164	-75	-102.83	cps
Silicon	28-1	3948389	3884019	3862578	3898329	1.15	cps
Silver	109-1	92	108	133	111	18.88	cps
Silver	107-1	142	108	167	139	21.07	cps
Sodium	23-2	31010	30751	30676	30812	0.57	cps
Strontium	86-1	64797	63741	62787	63775	1.58	cps
Strontium	88-1	529743	538256	535269	534423	0.81	cps
Sulfur	34-1	325868	324844	323830	324847	0.31	cps
Terbium	159-1	4537263	4295007	4509703	4447324	2.98	cps
Terbium	159-2	1451704	1457531	1433998	1447745	0.85	cps
Thallium	203-1	367	392	425	394	7.42	cps
Thallium	205-1	1017	975	1167	1053	9.58	cps
Tin	118-1	825	908	867	867	4.81	cps
Titanium	47-1	11230	10638	10604	10824	3.25	cps
Uranium	238-1	3209	2909	3051	3056	4.91	cps
Vanadium	51-2	4911	4948	4948	4935	0.43	cps
Yttrium	89-1	5139612	4848532	5018118	5002087	2.92	cps
Yttrium	89-2	268131	267261	264675	266689	0.67	cps
Zinc	66-2	5201	5224	5134	5187	0.90	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01DU	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 15:58:07	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14099	13682	13424	13735	2.48	cps
Zirconium	91-1	3267	2942	3126	3112	5.24	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-16LDLX25 Instrumnet Name : P8
 Client Sample ID : P001-SD006-0612-01LDI Dilution Factor : 25
 Date & Time Acquired :: 2018-12-27 16:01:32 DataFile Name : 062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17125	16794	16959	16959	0.97	cps
Antimony	121-1	75	58	50	61	20.83	cps
Arsenic	75-2	31	48	30	36	28.01	cps
Barium	135-1	95393	99289	97742	97475	2.01	cps
Barium	137-1	163502	172494	169507	168501	2.72	cps
Beryllium	9-1	60	70	47	59	19.88	cps
Bismuth	209-1	2266415	2558859	2385387	2403554	6.12	cps
Bismuth	209-2	964902	952274	975438	964205	1.20	cps
Boron	10-1	158	183	75	139	40.84	cps
Boron	11-1	658	658	717	678	4.97	cps
Cadmium	111-1	934	938	888	920	3.04	cps
Cadmium	106-1	1250	1267	1217	1245	2.05	cps
Cadmium	108-1	17	17	8	14	34.67	cps
Calcium	43-1	18743	19003	19374	19040	1.67	cps
Calcium	44-1	363163	372451	371953	369189	1.42	cps
Chromium	52-2	3344	3447	3451	3414	1.78	cps
Cobalt	59-2	760	673	743	726	6.34	cps
Copper	63-2	5184	5224	5358	5256	1.73	cps
Dysprosium	156-1	1250	1417	1233	1300	7.80	cps
Dysprosium	156-2	520	413	480	471	11.44	cps
Erbium	164-1	1025	1067	1000	1031	3.27	cps
Erbium	164-2	323	340	370	344	6.87	cps
Gadolinium	160-1	1250	1358	1350	1320	4.57	cps
Gadolinium	160-2	533	553	600	562	6.08	cps
Holmium	165-1	3986887	4444961	4242029	4224626	5.43	cps
Holmium	165-2	1381147	1362247	1387124	1376839	0.94	cps
Indium	115-1	3938072	4320924	4170639	4143212	4.66	cps
Indium	115-2	299276	293906	297823	297001	0.94	cps
Iron	56-2	592751	594229	590231	592403	0.34	cps
Iron	57-2	14903	14708	14964	14858	0.90	cps
Krypton	83-1	563	633	607	601	5.88	cps
Lead	206-1	8208	8370	8281	8286	0.97	cps
Lead	207-1	6691	7124	7252	7023	4.19	cps
Lead	208-1	32139	33012	32645	32599	1.34	cps
Lithium	6-1	271650	294654	280143	282149	4.12	cps
Magnesium	24-2	8470	7536	8245	8083	6.03	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-16LDLX25 Instrumnet Name : P8
 Client Sample ID : P001-SD006-0612-01LDI Dilution Factor : 25
 Date & Time Acquired :: 2018-12-27 16:01:32 DataFile Name : 062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	39349	39272	38654	39091	0.98	cps
Molybdenum	94-1	1242	1117	1250	1203	6.21	cps
Molybdenum	95-1	108	125	158	131	19.50	cps
Molybdenum	96-1	250	342	308	300	15.47	cps
Molybdenum	97-1	208	275	158	214	27.37	cps
Molybdenum	98-1	225	233	142	200	25.34	cps
Neodymium	150-1	1994	1987	1980	1987	0.34	cps
Neodymium	150-2	457	457	410	441	6.11	cps
Nickel	60-2	733	687	660	693	5.35	cps
Phosphorus	31-2	75	125	108	103	24.77	cps
Potassium	39-2	9353	9395	9354	9367	0.26	cps
Rhodium	103-1	4097700	4496116	4320698	4304838	4.64	cps
Rhodium	103-2	1691354	1656567	1681304	1676408	1.07	cps
Scandium	45-1	3076778	3387706	3308061	3257515	4.96	cps
Scandium	45-2	44146	43688	44036	43957	0.54	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	9	4	6	6	45.85	cps
Selenium	82-1	-57	-112	-109	-93	-33.36	cps
Silicon	28-1	976659	995180	1002941	991594	1.36	cps
Silver	109-1	33	67	42	47	36.74	cps
Silver	107-1	92	17	58	56	67.63	cps
Sodium	23-2	19623	19639	19289	19517	1.01	cps
Strontium	86-1	13524	14400	13824	13916	3.20	cps
Strontium	88-1	109892	114553	114393	112946	2.34	cps
Sulfur	34-1	291902	296120	291827	293283	0.84	cps
Terbium	159-1	4247231	4666608	4480653	4464831	4.71	cps
Terbium	159-2	1395939	1368279	1397433	1387217	1.18	cps
Thallium	203-1	117	83	50	83	40.00	cps
Thallium	205-1	233	242	258	244	5.21	cps
Tin	118-1	367	333	400	367	9.09	cps
Titanium	47-1	2134	2309	2100	2181	5.13	cps
Uranium	238-1	575	658	617	617	6.76	cps
Vanadium	51-2	1023	1047	823	964	12.73	cps
Yttrium	89-1	4730568	5197202	5012574	4980115	4.72	cps
Yttrium	89-2	256178	249107	255788	253691	1.57	cps
Zinc	66-2	1113	1123	1117	1118	0.46	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16LDLX25	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01LDI	Dilution Factor :	25
Date & Time Acquired ::	2018-12-27 16:01:32	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3017	3226	2992	3078	4.16	cps
Zirconium	91-1	558	683	625	622	10.05	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-17DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD006-0612-01MS Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 16:04:59 DataFile Name : 063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	114050	112581	112575	113069	0.75	cps
Antimony	121-1	62639	62572	63008	62740	0.37	cps
Arsenic	75-2	11623	11177	11295	11365	2.04	cps
Barium	135-1	882250	875984	886995	881743	0.63	cps
Barium	137-1	1530707	1526192	1540430	1532443	0.47	cps
Beryllium	9-1	52030	52650	52184	52288	0.62	cps
Bismuth	209-1	2435892	2374492	2385705	2398696	1.36	cps
Bismuth	209-2	949243	1021864	1026635	999247	4.34	cps
Boron	10-1	5818	6527	6510	6285	6.43	cps
Boron	11-1	32630	33448	34225	33434	2.39	cps
Cadmium	111-1	111842	112930	113378	112717	0.70	cps
Cadmium	106-1	12598	12523	12656	12592	0.53	cps
Cadmium	108-1	8028	7711	8057	7932	2.42	cps
Calcium	43-1	226759	229477	228102	228113	0.60	cps
Calcium	44-1	3748301	3689312	3763108	3733574	1.05	cps
Chromium	52-2	102975	103432	102925	103111	0.27	cps
Cobalt	59-2	189534	187616	188034	188394	0.54	cps
Copper	63-2	331569	328837	332320	330909	0.55	cps
Dysprosium	156-1	6969	7077	7211	7086	1.71	cps
Dysprosium	156-2	2590	2577	2627	2598	1.00	cps
Erbium	164-1	5993	5852	5918	5921	1.20	cps
Erbium	164-2	1960	2040	2047	2016	2.39	cps
Gadolinium	160-1	7027	6852	6752	6877	2.03	cps
Gadolinium	160-2	3124	2957	3024	3035	2.76	cps
Holmium	165-1	4296377	4189273	4240381	4242011	1.26	cps
Holmium	165-2	1356194	1459663	1440642	1418833	3.88	cps
Indium	115-1	4211634	4050315	4110973	4124307	1.98	cps
Indium	115-2	289809	311600	308313	303241	3.87	cps
Iron	56-2	8126706	8074843	8071900	8091150	0.38	cps
Iron	57-2	201262	204218	202844	202775	0.73	cps
Krypton	83-1	610	620	627	619	1.36	cps
Lead	206-1	254689	256037	255137	255288	0.27	cps
Lead	207-1	217581	221135	219468	219395	0.81	cps
Lead	208-1	1003068	1011049	1009318	1007812	0.42	cps
Lithium	6-1	289531	281235	283148	284638	1.53	cps
Magnesium	24-2	424746	428018	427728	426831	0.42	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-17DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01MS	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 16:04:59	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	261222	254980	257729	257977	1.21	cps
Molybdenum	94-1	759119	762993	765019	762377	0.39	cps
Molybdenum	95-1	1055809	1056893	1062693	1058465	0.35	cps
Molybdenum	96-1	1163453	1170050	1177244	1170249	0.59	cps
Molybdenum	97-1	662592	663822	657043	661152	0.55	cps
Molybdenum	98-1	1715671	1711912	1716313	1714632	0.14	cps
Neodymium	150-1	9664	10244	9771	9893	3.12	cps
Neodymium	150-2	2440	2300	2154	2298	6.24	cps
Nickel	60-2	59125	59102	59631	59286	0.50	cps
Phosphorus	31-2	317	258	283	286	10.23	cps
Potassium	39-2	127255	125274	126667	126398	0.81	cps
Rhodium	103-1	4294471	4219471	4148643	4220862	1.73	cps
Rhodium	103-2	1601404	1752669	1739420	1697831	4.93	cps
Scandium	45-1	3304903	3285745	3255805	3282151	0.75	cps
Scandium	45-2	43698	46574	45454	45242	3.20	cps
Selenium	77-2	93	153	110	119	26.05	cps
Selenium	78-2	293	333	335	320	7.51	cps
Selenium	82-1	8020	8116	8017	8051	0.70	cps
Silicon	28-1	8296354	8154668	8342822	8264614	1.19	cps
Silver	109-1	401337	397038	396478	398284	0.67	cps
Silver	107-1	423513	419416	419270	420733	0.57	cps
Sodium	23-2	818679	819568	828182	822143	0.64	cps
Strontium	86-1	205341	208839	207831	207337	0.87	cps
Strontium	88-1	1802020	1784697	1801122	1795946	0.54	cps
Sulfur	34-1	337522	333393	335898	335604	0.62	cps
Terbium	159-1	4524261	4454173	4433759	4470731	1.06	cps
Terbium	159-2	1374509	1477541	1459823	1437291	3.83	cps
Thallium	203-1	245515	244471	245329	245105	0.23	cps
Thallium	205-1	577744	590749	590026	586173	1.25	cps
Tin	118-1	131845	132730	134698	133091	1.10	cps
Titanium	47-1	279188	279303	280899	279797	0.34	cps
Uranium	238-1	738145	747263	746178	743862	0.67	cps
Vanadium	51-2	72346	71786	73337	72490	1.08	cps
Yttrium	89-1	5220854	5024420	5021618	5088964	2.24	cps
Yttrium	89-2	255263	271999	268042	265102	3.30	cps
Zinc	66-2	38965	39567	39416	39316	0.80	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-17DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01MS	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 16:04:59	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	438134	436275	440819	438410	0.52	cps
Zirconium	91-1	94553	96844	96475	95957	1.28	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-18DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD006-0612-01MS Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 16:08:24 DataFile Name : 064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	103322	102508	103123	102984	0.41	cps
Antimony	121-1	64213	65419	64222	64618	1.07	cps
Arsenic	75-2	11701	11701	11850	11751	0.73	cps
Barium	135-1	898847	894338	907369	900185	0.74	cps
Barium	137-1	1581542	1617174	1596988	1598568	1.12	cps
Beryllium	9-1	53894	55781	53861	54512	2.02	cps
Bismuth	209-1	2506649	2318477	2529356	2451494	4.72	cps
Bismuth	209-2	1100306	1040333	1004893	1048511	4.60	cps
Boron	10-1	6643	6577	6635	6618	0.55	cps
Boron	11-1	34367	35537	35979	35295	2.36	cps
Cadmium	111-1	116830	117700	116064	116865	0.70	cps
Cadmium	106-1	12990	12198	12523	12570	3.17	cps
Cadmium	108-1	7990	8169	7898	8019	1.72	cps
Calcium	43-1	227747	230504	230439	229563	0.69	cps
Calcium	44-1	3724499	3769645	3799533	3764559	1.00	cps
Chromium	52-2	102986	104631	104557	104058	0.89	cps
Cobalt	59-2	191674	192511	191959	192048	0.22	cps
Copper	63-2	333861	335482	340263	336535	0.99	cps
Dysprosium	156-1	6335	6510	6794	6546	3.54	cps
Dysprosium	156-2	2144	2227	2087	2152	3.27	cps
Erbium	164-1	5093	5185	4935	5071	2.50	cps
Erbium	164-2	1560	1737	1593	1630	5.76	cps
Gadolinium	160-1	5952	6243	6494	6230	4.35	cps
Gadolinium	160-2	2540	2580	2570	2564	0.81	cps
Holmium	165-1	4398984	4116979	4391949	4302637	3.74	cps
Holmium	165-2	1611428	1504207	1443643	1519759	5.59	cps
Indium	115-1	4221902	3971665	4232932	4142166	3.57	cps
Indium	115-2	338397	313373	306066	319279	5.31	cps
Iron	56-2	6989117	7046317	7026934	7020789	0.41	cps
Iron	57-2	174067	174574	174497	174379	0.16	cps
Krypton	83-1	610	633	573	606	4.99	cps
Lead	206-1	257386	260039	260225	259216	0.61	cps
Lead	207-1	222903	226382	224324	224536	0.78	cps
Lead	208-1	1019795	1032418	1027684	1026632	0.62	cps
Lithium	6-1	293126	275348	297811	288761	4.10	cps
Magnesium	24-2	412806	413073	415797	413892	0.40	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-18DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD006-0612-01MS Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 16:08:24 DataFile Name : 064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	243358	242212	247913	244494	1.23	cps
Molybdenum	94-1	803286	803232	805308	803942	0.15	cps
Molybdenum	95-1	1101707	1105496	1121916	1109706	0.97	cps
Molybdenum	96-1	1214881	1215173	1225981	1218678	0.52	cps
Molybdenum	97-1	694037	685843	693894	691258	0.68	cps
Molybdenum	98-1	1833640	1819457	1787085	1813394	1.32	cps
Neodymium	150-1	9691	9784	9530	9668	1.33	cps
Neodymium	150-2	2147	2147	2220	2171	1.95	cps
Nickel	60-2	59460	58857	59530	59283	0.62	cps
Phosphorus	31-2	250	492	425	389	32.09	cps
Potassium	39-2	128297	129846	129912	129352	0.71	cps
Rhodium	103-1	4462941	4052310	4350245	4288499	4.95	cps
Rhodium	103-2	1875574	1763144	1690658	1776459	5.24	cps
Scandium	45-1	3382721	3160533	3418848	3320701	4.21	cps
Scandium	45-2	49367	47052	45216	47212	4.41	cps
Selenium	77-2	110	100	103	104	4.87	cps
Selenium	78-2	326	320	343	330	3.51	cps
Selenium	82-1	8390	8247	8475	8371	1.38	cps
Silicon	28-1	8402745	8442067	8457654	8434156	0.34	cps
Silver	109-1	408561	405012	412471	408681	0.91	cps
Silver	107-1	431446	429528	428378	429784	0.36	cps
Sodium	23-2	838169	836388	841714	838757	0.32	cps
Strontium	86-1	211727	211617	207039	210128	1.27	cps
Strontium	88-1	1818318	1808125	1821652	1816032	0.39	cps
Sulfur	34-1	335587	336330	337377	336431	0.27	cps
Terbium	159-1	4604395	4325193	4618236	4515941	3.66	cps
Terbium	159-2	1625637	1503201	1460633	1529824	5.60	cps
Thallium	203-1	252428	255973	261503	256635	1.78	cps
Thallium	205-1	607528	608596	613540	609888	0.53	cps
Tin	118-1	133107	134016	133401	133508	0.35	cps
Titanium	47-1	281062	277486	285909	281486	1.50	cps
Uranium	238-1	774612	778988	771537	775046	0.48	cps
Vanadium	51-2	74112	74001	73103	73739	0.75	cps
Yttrium	89-1	5313982	4906558	5230960	5150500	4.18	cps
Yttrium	89-2	289744	273557	265101	276134	4.53	cps
Zinc	66-2	37451	38423	39135	38336	2.21	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-18DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01MS	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 16:08:24	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	457621	461126	460998	459915	0.43	cps
Zirconium	91-1	99883	103350	100546	101259	1.82	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-16ADLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD006-0612-01AD Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 16:11:48 DataFile Name : 065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	107695	108418	108344	108152	0.37	cps
Antimony	121-1	65076	64439	65144	64886	0.60	cps
Arsenic	75-2	11203	11092	11312	11202	0.98	cps
Barium	135-1	899208	893415	899505	897376	0.38	cps
Barium	137-1	1591945	1591546	1610907	1598133	0.69	cps
Beryllium	9-1	53670	54175	53432	53759	0.71	cps
Bismuth	209-1	2417461	2510711	2575827	2501333	3.18	cps
Bismuth	209-2	1067126	1053050	1018814	1046330	2.37	cps
Boron	10-1	6860	6577	6777	6738	2.16	cps
Boron	11-1	34242	34618	35094	34651	1.23	cps
Cadmium	111-1	114673	115547	114606	114942	0.46	cps
Cadmium	106-1	11989	12239	12415	12214	1.75	cps
Cadmium	108-1	7940	7698	7869	7836	1.59	cps
Calcium	43-1	226469	229298	228732	228167	0.66	cps
Calcium	44-1	3755717	3726727	3804653	3762366	1.05	cps
Chromium	52-2	104638	102937	104758	104111	0.98	cps
Cobalt	59-2	190599	187672	190013	189428	0.82	cps
Copper	63-2	332933	331965	334939	333279	0.46	cps
Dysprosium	156-1	6810	6852	6986	6883	1.33	cps
Dysprosium	156-2	2310	2527	2447	2428	4.51	cps
Erbium	164-1	5393	5977	5768	5713	5.18	cps
Erbium	164-2	1970	1890	1850	1904	3.21	cps
Gadolinium	160-1	6485	6435	6560	6494	0.97	cps
Gadolinium	160-2	2977	2904	2844	2908	2.30	cps
Holmium	165-1	4315892	4433372	4572872	4440712	2.90	cps
Holmium	165-2	1540832	1490545	1458736	1496704	2.77	cps
Indium	115-1	4145842	4317187	4410967	4291332	3.13	cps
Indium	115-2	325871	322743	306644	318419	3.24	cps
Iron	56-2	7593110	7647567	7653862	7631513	0.44	cps
Iron	57-2	190794	188732	191525	190350	0.76	cps
Krypton	83-1	597	563	540	567	5.03	cps
Lead	206-1	255577	260665	259156	258466	1.01	cps
Lead	207-1	224828	224776	225256	224954	0.12	cps
Lead	208-1	1025360	1030408	1028689	1028152	0.25	cps
Lithium	6-1	283391	295616	309221	296076	4.36	cps
Magnesium	24-2	420746	422125	419783	420885	0.28	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16ADLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01AD	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 16:11:48	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	248137	251761	252383	250760	0.91	cps
Molybdenum	94-1	778366	790301	790804	786490	0.90	cps
Molybdenum	95-1	1088360	1096335	1098498	1094398	0.49	cps
Molybdenum	96-1	1191218	1198236	1202842	1197432	0.49	cps
Molybdenum	97-1	679658	673302	686167	679709	0.95	cps
Molybdenum	98-1	1791512	1759470	1797274	1782752	1.14	cps
Neodymium	150-1	10078	10111	9844	10011	1.45	cps
Neodymium	150-2	2310	2187	2080	2192	5.25	cps
Nickel	60-2	59332	59798	59825	59652	0.46	cps
Phosphorus	31-2	342	283	333	319	9.88	cps
Potassium	39-2	126448	128509	126858	127272	0.86	cps
Rhodium	103-1	4310026	4372173	4633486	4438562	3.87	cps
Rhodium	103-2	1828356	1764505	1706424	1766428	3.45	cps
Scandium	45-1	3310103	3388744	3570011	3422953	3.89	cps
Scandium	45-2	47400	47654	45337	46797	2.72	cps
Selenium	77-2	140	93	80	104	30.16	cps
Selenium	78-2	320	311	357	330	7.43	cps
Selenium	82-1	8179	8331	8123	8211	1.31	cps
Silicon	28-1	8278598	8452724	8373060	8368127	1.04	cps
Silver	109-1	404871	405817	407681	406123	0.35	cps
Silver	107-1	427142	426323	434402	429289	1.04	cps
Sodium	23-2	820246	825342	826723	824104	0.41	cps
Strontium	86-1	205947	206404	205220	205857	0.29	cps
Strontium	88-1	1791514	1794342	1809956	1798604	0.55	cps
Sulfur	34-1	332224	338704	340210	337046	1.26	cps
Terbium	159-1	4529521	4659131	4823105	4670586	3.15	cps
Terbium	159-2	1554213	1551248	1463285	1522915	3.39	cps
Thallium	203-1	254277	255727	252767	254257	0.58	cps
Thallium	205-1	599299	607725	605292	604105	0.72	cps
Tin	118-1	132668	135280	137846	135264	1.91	cps
Titanium	47-1	283223	281623	282619	282489	0.29	cps
Uranium	238-1	760347	766944	771521	766271	0.73	cps
Vanadium	51-2	73482	72503	73254	73079	0.70	cps
Yttrium	89-1	5054040	5149364	5335732	5179712	2.77	cps
Yttrium	89-2	280522	277077	266195	274598	2.72	cps
Zinc	66-2	37167	39336	38938	38480	3.00	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-16ADLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD006-0612-01AD	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 16:11:48	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	451123	440767	456762	449551	1.80	cps
Zirconium	91-1	98749	98690	98916	98785	0.12	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 16:16:07	DataFile Name :	066CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	434220	435607	436881	435569	0.31	cps
Antimony	121-1	2413901	2419038	2391102	2408013	0.62	cps
Arsenic	75-2	60048	60167	60316	60177	0.22	cps
Barium	135-1	2363116	2352941	2316148	2344068	1.05	cps
Barium	137-1	4071182	4109129	3984731	4055014	1.57	cps
Beryllium	9-1	280039	281817	278653	280169	0.57	cps
Bismuth	209-1	2167177	2278796	2367955	2271309	4.43	cps
Bismuth	209-2	1009177	1024751	1013340	1015756	0.79	cps
Boron	10-1	39330	39622	39130	39360	0.63	cps
Boron	11-1	200753	204888	203112	202918	1.02	cps
Cadmium	111-1	544614	543086	538019	541906	0.64	cps
Cadmium	106-1	57892	59139	59432	58821	1.39	cps
Cadmium	108-1	39420	40766	39262	39816	2.08	cps
Calcium	43-1	3648823	3674278	3646870	3656657	0.42	cps
Calcium	44-1	57303176	57800956	58166067	57756733	0.75	cps
Chromium	52-2	481097	483058	488906	484354	0.84	cps
Cobalt	59-2	907546	907985	920491	912007	0.81	cps
Copper	63-2	1472355	1481861	1486403	1480206	0.48	cps
Dysprosium	156-1	67	92	83	81	15.80	cps
Dysprosium	156-2	10	0	10	7	86.60	cps
Erbium	164-1	33	17	25	25	33.32	cps
Erbium	164-2	17	17	10	14	26.66	cps
Gadolinium	160-1	50	67	17	44	57.28	cps
Gadolinium	160-2	20	27	3	17	72.13	cps
Holmium	165-1	3894878	4202064	4438682	4178541	6.53	cps
Holmium	165-2	1502175	1520362	1514689	1512409	0.62	cps
Indium	115-1	3714762	3954804	4101230	3923599	4.97	cps
Indium	115-2	311389	313795	314533	313239	0.52	cps
Iron	56-2	81516482	81759857	81629330	81635223	0.15	cps
Iron	57-2	2098310	2084388	2135341	2106013	1.25	cps
Krypton	83-1	537	563	490	530	7.00	cps
Lead	206-1	1046723	1028484	1019821	1031676	1.33	cps
Lead	207-1	946103	926841	927434	933459	1.17	cps
Lead	208-1	4364668	4283852	4232688	4293736	1.55	cps
Lithium	6-1	281988	299016	312053	297686	5.06	cps
Magnesium	24-2	9055189	8963332	9072818	9030446	0.65	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 16:16:07	DataFile Name :	066CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	289414	291753	296316	292494	1.20	cps
Molybdenum	94-1	4667131	4615444	4629384	4637320	0.58	cps
Molybdenum	95-1	5731716	5684978	5675076	5697257	0.53	cps
Molybdenum	96-1	6372410	6370371	6339338	6360707	0.29	cps
Molybdenum	97-1	3512580	3582782	3520379	3538580	1.09	cps
Molybdenum	98-1	8975649	9035753	9020195	9010532	0.35	cps
Neodymium	150-1	87	147	93	109	30.20	cps
Neodymium	150-2	10	7	23	13	66.12	cps
Nickel	60-2	267002	267722	267930	267551	0.18	cps
Phosphorus	31-2	6502	6969	7102	6857	4.60	cps
Potassium	39-2	2831597	2915573	2924616	2890595	1.77	cps
Rhodium	103-1	3689708	3942168	4159782	3930552	5.99	cps
Rhodium	103-2	1708156	1701700	1692036	1700631	0.48	cps
Scandium	45-1	3091255	3290236	3451384	3277625	5.50	cps
Scandium	45-2	48972	48216	48808	48665	0.82	cps
Selenium	77-2	357	380	437	391	10.52	cps
Selenium	78-2	1645	1674	1604	1641	2.15	cps
Selenium	82-1	40539	40218	40492	40416	0.43	cps
Silicon	28-1	1682341	1720152	1737921	1713471	1.66	cps
Silver	109-1	2540575	2546612	2532877	2540021	0.27	cps
Silver	107-1	2662673	2672232	2672265	2669056	0.21	cps
Sodium	23-2	21024896	21030246	20904490	20986544	0.34	cps
Strontium	86-1	719686	724199	719704	721197	0.36	cps
Strontium	88-1	6208490	6260997	6126951	6198813	1.09	cps
Sulfur	34-1	626883	635514	638570	633656	0.96	cps
Terbium	159-1	4142822	4439935	4600756	4394504	5.29	cps
Terbium	159-2	1514889	1529804	1527017	1523903	0.52	cps
Thallium	203-1	1299905	1297412	1289377	1295565	0.42	cps
Thallium	205-1	3211318	3199120	3168333	3192924	0.69	cps
Tin	118-1	1662015	1682696	1626797	1657169	1.71	cps
Titanium	47-1	1818212	1845879	1844147	1836079	0.84	cps
Uranium	238-1	3976597	3875924	3875607	3909376	1.49	cps
Vanadium	51-2	348903	347241	348736	348294	0.26	cps
Yttrium	89-1	4519274	4857606	5048092	4808324	5.57	cps
Yttrium	89-2	272648	273247	274267	273387	0.30	cps
Zinc	66-2	161005	163065	163561	162544	0.83	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 16:16:07	DataFile Name :	066CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3923070	3908367	3916829	3916089	0.19	cps
Zirconium	91-1	854363	850373	851964	852233	0.24	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : CCB15 Instrumnet Name : P8
 Client Sample ID : CCB15 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 16:23:19 DataFile Name : 067CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	65	73	82	27.78	cps
Antimony	121-1	583	842	992	806	25.64	cps
Arsenic	75-2	11	9	6	9	32.69	cps
Barium	135-1	75	183	42	100	74.08	cps
Barium	137-1	100	342	108	183	74.84	cps
Beryllium	9-1	47	37	63	49	27.55	cps
Bismuth	209-1	2348958	2365882	2429610	2381483	1.79	cps
Bismuth	209-2	1022037	1044817	1031110	1032655	1.11	cps
Boron	10-1	300	367	425	364	17.19	cps
Boron	11-1	1767	1650	1750	1722	3.66	cps
Cadmium	111-1	832	810	901	848	5.55	cps
Cadmium	106-1	1175	1117	1267	1186	6.38	cps
Cadmium	108-1	17	13	4	11	57.27	cps
Calcium	43-1	420	480	363	421	13.85	cps
Calcium	44-1	85555	86507	86209	86090	0.57	cps
Chromium	52-2	2070	2174	2277	2174	4.75	cps
Cobalt	59-2	130	110	103	114	12.12	cps
Copper	63-2	287	323	287	299	7.08	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	25	8	11	114.58	cps
Erbium	164-2	17	3	3	8	99.04	cps
Gadolinium	160-1	25	58	25	36	53.30	cps
Gadolinium	160-2	10	10	13	11	17.30	cps
Holmium	165-1	4151846	4104834	4219831	4158837	1.39	cps
Holmium	165-2	1451120	1492182	1455762	1466355	1.53	cps
Indium	115-1	4091221	4094379	4169958	4118519	1.08	cps
Indium	115-2	316163	326838	319496	320832	1.70	cps
Iron	56-2	6919	6769	6591	6759	2.43	cps
Iron	57-2	150	189	200	180	14.62	cps
Krypton	83-1	580	490	520	530	8.65	cps
Lead	206-1	289	383	400	357	16.77	cps
Lead	207-1	433	322	217	324	33.43	cps
Lead	208-1	1495	1517	1350	1454	6.23	cps
Lithium	6-1	296761	295196	299015	296991	0.65	cps
Magnesium	24-2	542	600	375	506	23.10	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 16:23:19	DataFile Name :	067CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	127	180	93	133	32.79	cps
Molybdenum	94-1	342	300	350	331	8.10	cps
Molybdenum	95-1	200	367	283	283	29.41	cps
Molybdenum	96-1	367	342	317	342	7.32	cps
Molybdenum	97-1	258	225	283	256	11.45	cps
Molybdenum	98-1	275	333	267	292	12.45	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	107	120	143	123	15.05	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	6610	7127	7152	6963	4.39	cps
Rhodium	103-1	4233282	4223440	4307505	4254742	1.08	cps
Rhodium	103-2	1755702	1797785	1766072	1773186	1.24	cps
Scandium	45-1	3292347	3268698	3371645	3310897	1.63	cps
Scandium	45-2	46554	48149	46908	47204	1.77	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	6	2	4	4	50.09	cps
Selenium	82-1	-47	1	-6	-17	-149.41	cps
Silicon	28-1	228819	231891	229893	230201	0.68	cps
Silver	109-1	150	142	200	164	19.25	cps
Silver	107-1	217	208	125	183	27.65	cps
Sodium	23-2	19105	18997	18580	18894	1.47	cps
Strontium	86-1	908	858	808	858	5.82	cps
Strontium	88-1	158	117	108	128	20.96	cps
Sulfur	34-1	400489	399625	396158	398757	0.57	cps
Terbium	159-1	4309168	4366308	4444391	4373289	1.55	cps
Terbium	159-2	1461163	1497112	1469965	1476080	1.27	cps
Thallium	203-1	92	142	58	97	43.14	cps
Thallium	205-1	317	258	150	242	35.00	cps
Tin	118-1	250	325	283	286	13.13	cps
Titanium	47-1	125	158	183	156	18.81	cps
Uranium	238-1	67	92	42	67	37.50	cps
Vanadium	51-2	27	30	20	26	19.92	cps
Yttrium	89-1	4876563	4838011	4987324	4900633	1.58	cps
Yttrium	89-2	266568	273089	267676	269111	1.30	cps
Zinc	66-2	117	123	117	119	3.24	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 16:23:19	DataFile Name :	067CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	408	475	458	447	7.76	cps
Zirconium	91-1	83	133	50	89	47.19	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6377-19DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SD007-0006-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-27 16:26:45 DataFile Name : 068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	56498	57256	56686	56814	0.69	cps
Antimony	121-1	300	425	367	364	17.19	cps
Arsenic	75-2	176	209	180	188	9.70	cps
Barium	135-1	300035	299337	300920	300097	0.26	cps
Barium	137-1	517721	519125	520652	519166	0.28	cps
Beryllium	9-1	197	193	213	201	5.33	cps
Bismuth	209-1	2422848	2475274	2481975	2460032	1.32	cps
Bismuth	209-2	1026330	1001164	989331	1005608	1.88	cps
Boron	10-1	417	233	333	328	28.00	cps
Boron	11-1	1659	1850	1734	1747	5.53	cps
Cadmium	111-1	1231	1214	1242	1229	1.14	cps
Cadmium	106-1	1392	1450	1458	1433	2.53	cps
Cadmium	108-1	50	38	42	43	14.78	cps
Calcium	43-1	59532	60473	59981	59995	0.78	cps
Calcium	44-1	1047294	1045570	1046028	1046297	0.09	cps
Chromium	52-2	6108	6355	6245	6236	1.98	cps
Cobalt	59-2	2930	2827	2810	2856	2.28	cps
Copper	63-2	12806	13080	12856	12914	1.13	cps
Dysprosium	156-1	9646	9579	9762	9662	0.96	cps
Dysprosium	156-2	3477	3290	3614	3461	4.69	cps
Erbium	164-1	5451	5535	5326	5438	1.93	cps
Erbium	164-2	1824	1800	1860	1828	1.65	cps
Gadolinium	160-1	8537	8370	8403	8436	1.05	cps
Gadolinium	160-2	3914	3837	3671	3807	3.27	cps
Holmium	165-1	4296344	4358641	4349634	4334873	0.78	cps
Holmium	165-2	1456442	1439772	1401127	1432447	1.98	cps
Indium	115-1	4195558	4216243	4234973	4215591	0.47	cps
Indium	115-2	313065	308477	298920	306821	2.35	cps
Iron	56-2	1743927	1752174	1747150	1747750	0.24	cps
Iron	57-2	42811	42421	41679	42304	1.36	cps
Krypton	83-1	550	510	547	536	4.14	cps
Lead	206-1	44730	44445	43737	44304	1.15	cps
Lead	207-1	36832	37216	37239	37096	0.62	cps
Lead	208-1	172559	173827	173008	173131	0.37	cps
Lithium	6-1	310533	308956	314487	311325	0.92	cps
Magnesium	24-2	32146	32663	33457	32755	2.02	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-19DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD007-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 16:26:45	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	177874	178049	177539	177821	0.15	cps
Molybdenum	94-1	3384	3317	3384	3362	1.15	cps
Molybdenum	95-1	567	742	758	689	15.41	cps
Molybdenum	96-1	1117	1258	1075	1150	8.36	cps
Molybdenum	97-1	592	567	433	531	16.04	cps
Molybdenum	98-1	1033	1042	908	995	7.51	cps
Neodymium	150-1	20824	20830	21098	20917	0.75	cps
Neodymium	150-2	4854	4811	5014	4893	2.19	cps
Nickel	60-2	2250	2264	2170	2228	2.27	cps
Phosphorus	31-2	367	417	392	392	6.38	cps
Potassium	39-2	22435	22143	22435	22338	0.75	cps
Rhodium	103-1	4404454	4439842	4449599	4431298	0.54	cps
Rhodium	103-2	1700613	1715640	1664877	1693710	1.54	cps
Scandium	45-1	3398046	3402070	3457122	3419079	0.97	cps
Scandium	45-2	46952	44999	44551	45500	2.81	cps
Selenium	77-2	43	40	20	34	36.64	cps
Selenium	78-2	6	15	13	11	44.06	cps
Selenium	82-1	30	59	24	38	50.02	cps
Silicon	28-1	3359940	3556465	3507402	3474602	2.94	cps
Silver	109-1	400	342	283	342	17.07	cps
Silver	107-1	400	400	350	383	7.53	cps
Sodium	23-2	32688	33474	34092	33418	2.10	cps
Strontium	86-1	43203	45075	44048	44109	2.13	cps
Strontium	88-1	374423	371577	371720	372573	0.43	cps
Sulfur	34-1	405247	395325	389398	396657	2.02	cps
Terbium	159-1	4586837	4629585	4586132	4600851	0.54	cps
Terbium	159-2	1474696	1439970	1425902	1446856	1.74	cps
Thallium	203-1	408	425	500	444	10.99	cps
Thallium	205-1	1167	1133	1275	1192	6.22	cps
Tin	118-1	775	842	567	728	19.71	cps
Titanium	47-1	7944	7986	8119	8016	1.14	cps
Uranium	238-1	2809	2667	2609	2695	3.82	cps
Vanadium	51-2	4071	4281	4057	4136	3.03	cps
Yttrium	89-1	5101373	5163132	5239134	5167879	1.34	cps
Yttrium	89-2	269100	263775	257090	263322	2.29	cps
Zinc	66-2	5074	5258	4961	5098	2.94	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6377-19DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SD007-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-27 16:26:45	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7961	8169	8019	8050	1.34	cps
Zirconium	91-1	1917	1525	1842	1761	11.81	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : J6386-10DL2X25 Instrumnet Name : P8
 Client Sample ID : P001-SS006-0612-01DL Dilution Factor : 25
 Date & Time Acquired :: 2018-12-27 16:30:11 DataFile Name : 069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	54595	54141	54394	54377	0.42	cps
Antimony	121-1	217	142	208	189	21.76	cps
Arsenic	75-2	376	398	352	375	6.17	cps
Barium	135-1	55300	56178	55309	55596	0.91	cps
Barium	137-1	98691	97281	94412	96795	2.25	cps
Beryllium	9-1	307	220	233	253	18.42	cps
Bismuth	209-1	2373284	2319870	2378439	2357198	1.38	cps
Bismuth	209-2	995201	988802	913601	965868	4.70	cps
Boron	10-1	258	267	308	278	9.64	cps
Boron	11-1	1233	1392	1225	1283	7.32	cps
Cadmium	111-1	1063	938	1042	1014	6.64	cps
Cadmium	106-1	1383	1225	1392	1333	7.04	cps
Cadmium	108-1	25	17	46	29	51.50	cps
Calcium	43-1	91267	92045	89177	90830	1.63	cps
Calcium	44-1	1618199	1598851	1579835	1598962	1.20	cps
Chromium	52-2	9527	9470	9583	9527	0.60	cps
Cobalt	59-2	10504	10524	10431	10486	0.47	cps
Copper	63-2	19204	19728	19494	19475	1.35	cps
Dysprosium	156-1	26252	26603	25543	26133	2.07	cps
Dysprosium	156-2	11105	10975	11152	11077	0.83	cps
Erbium	164-1	18873	19165	18230	18756	2.55	cps
Erbium	164-2	6342	6395	6295	6344	0.79	cps
Gadolinium	160-1	27271	28290	28282	27948	2.10	cps
Gadolinium	160-2	13277	13354	12730	13120	2.59	cps
Holmium	165-1	4187314	4038407	4183740	4136487	2.05	cps
Holmium	165-2	1430217	1431298	1286721	1382745	6.01	cps
Indium	115-1	4069131	4027198	4098640	4064990	0.88	cps
Indium	115-2	302383	305636	281276	296432	4.46	cps
Iron	56-2	9610968	9547104	9745968	9634680	1.05	cps
Iron	57-2	237603	234823	242380	238269	1.60	cps
Krypton	83-1	650	610	657	639	3.95	cps
Lead	206-1	89386	89183	87416	88662	1.22	cps
Lead	207-1	73982	73630	71485	73032	1.85	cps
Lead	208-1	344381	343325	336879	341528	1.19	cps
Lithium	6-1	293199	289778	297470	293482	1.31	cps
Magnesium	24-2	98516	98105	101268	99296	1.73	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6386-10DL2X25	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-0612-01DL	Dilution Factor :	25
Date & Time Acquired ::	2018-12-27 16:30:11	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	137711	137328	141683	138908	1.74	cps
Molybdenum	94-1	6902	6519	6744	6721	2.87	cps
Molybdenum	95-1	1000	892	983	958	6.09	cps
Molybdenum	96-1	1950	2242	1875	2022	9.58	cps
Molybdenum	97-1	642	742	742	708	8.15	cps
Molybdenum	98-1	1300	1225	1534	1353	11.89	cps
Neodymium	150-1	20290	19649	19328	19756	2.48	cps
Neodymium	150-2	4514	4581	4961	4685	5.14	cps
Nickel	60-2	6425	6365	6475	6422	0.86	cps
Phosphorus	31-2	1775	1717	1892	1795	4.97	cps
Potassium	39-2	11822	11922	11789	11844	0.59	cps
Rhodium	103-1	4115872	4098263	4186009	4133382	1.12	cps
Rhodium	103-2	1681200	1677964	1503601	1620921	6.27	cps
Scandium	45-1	3261853	3200528	3326934	3263105	1.94	cps
Scandium	45-2	45420	45133	41789	44114	4.58	cps
Selenium	77-2	43	27	63	44	41.30	cps
Selenium	78-2	46	59	50	52	12.87	cps
Selenium	82-1	-45	-29	-79	-51	-50.52	cps
Silicon	28-1	1372072	1376668	1341706	1363482	1.39	cps
Silver	109-1	108	117	208	144	38.41	cps
Silver	107-1	158	192	125	158	21.05	cps
Sodium	23-2	20757	21125	20632	20838	1.23	cps
Strontium	86-1	26669	26710	25717	26365	2.13	cps
Strontium	88-1	217194	219998	214786	217326	1.20	cps
Sulfur	34-1	362010	362912	360028	361650	0.41	cps
Terbium	159-1	4365855	4291886	4420811	4359518	1.48	cps
Terbium	159-2	1432579	1442794	1304904	1393426	5.51	cps
Thallium	203-1	142	100	117	119	17.56	cps
Thallium	205-1	175	233	233	214	15.75	cps
Tin	118-1	875	700	783	786	11.14	cps
Titanium	47-1	7761	7077	6919	7252	6.17	cps
Uranium	238-1	2050	1767	1834	1884	7.87	cps
Vanadium	51-2	5344	5061	5478	5294	4.02	cps
Yttrium	89-1	5141827	5121838	5291120	5184928	1.78	cps
Yttrium	89-2	279825	278973	259185	272661	4.28	cps
Zinc	66-2	10354	10431	11068	10618	3.69	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	J6386-10DL2X25	Instrumnet Name :	P8
Client Sample ID :	P001-SS006-0612-01DL1	Dilution Factor :	25
Date & Time Acquired ::	2018-12-27 16:30:11	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	17162	17170	16235	16856	3.19	cps
Zirconium	91-1	3892	3892	3376	3720	8.02	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : CCV16 Instrumnet Name : P8
 Client Sample ID : CCV16 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 16:33:37 DataFile Name : 070CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	435540	431456	442766	436587	1.31	cps
Antimony	121-1	2335727	2386170	2373981	2365293	1.11	cps
Arsenic	75-2	59857	59282	60597	59912	1.10	cps
Barium	135-1	2263742	2317554	2266845	2282714	1.32	cps
Barium	137-1	3881014	3979167	3952446	3937542	1.29	cps
Beryllium	9-1	276369	285575	283874	281939	1.74	cps
Bismuth	209-1	2242301	2171285	2321185	2244924	3.34	cps
Bismuth	209-2	932334	924208	1019506	958683	5.51	cps
Boron	10-1	38720	41018	40985	40241	3.27	cps
Boron	11-1	195838	206595	211235	204556	3.86	cps
Cadmium	111-1	522507	539062	528661	530077	1.58	cps
Cadmium	106-1	56779	58285	58435	57833	1.58	cps
Cadmium	108-1	38719	39387	38447	38851	1.25	cps
Calcium	43-1	3531144	3678236	3632882	3614087	2.08	cps
Calcium	44-1	56661789	58392209	57313586	57455861	1.52	cps
Chromium	52-2	483869	478007	492686	484854	1.52	cps
Cobalt	59-2	914972	897747	926647	913122	1.59	cps
Copper	63-2	1489661	1454044	1510449	1484718	1.92	cps
Dysprosium	156-1	75	42	33	50	44.10	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	33	8	50	31	68.64	cps
Erbium	164-2	7	13	7	9	43.25	cps
Gadolinium	160-1	92	25	25	47	81.51	cps
Gadolinium	160-2	3	20	13	12	68.66	cps
Holmium	165-1	4073585	3996149	4323919	4131218	4.15	cps
Holmium	165-2	1402892	1370628	1533835	1435785	6.02	cps
Indium	115-1	3886996	3733836	4062500	3894444	4.22	cps
Indium	115-2	291534	283858	320687	298693	6.51	cps
Iron	56-2	82382685	81047480	83272510	82234225	1.36	cps
Iron	57-2	2113446	2089541	2136135	2113040	1.10	cps
Krypton	83-1	667	587	507	587	13.64	cps
Lead	206-1	984367	1020467	1001579	1002138	1.80	cps
Lead	207-1	900410	914737	910578	908575	0.81	cps
Lead	208-1	4129088	4223960	4180646	4177898	1.14	cps
Lithium	6-1	301087	293411	314815	303104	3.58	cps
Magnesium	24-2	9015315	8937731	9227641	9060229	1.66	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 16:33:37	DataFile Name :	070CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	292546	287892	298105	292848	1.75	cps
Molybdenum	94-1	4440119	4563986	4575606	4526570	1.66	cps
Molybdenum	95-1	5450497	5674213	5589514	5571408	2.03	cps
Molybdenum	96-1	6000177	6250277	6244211	6164888	2.31	cps
Molybdenum	97-1	3392668	3517812	3502115	3470865	1.96	cps
Molybdenum	98-1	8639062	8975841	8729385	8781429	1.99	cps
Neodymium	150-1	153	113	120	129	16.63	cps
Neodymium	150-2	13	20	10	14	35.26	cps
Nickel	60-2	267214	262350	272774	267446	1.95	cps
Phosphorus	31-2	6585	6927	6860	6791	2.67	cps
Potassium	39-2	2912612	2886046	2968489	2922382	1.44	cps
Rhodium	103-1	3934464	3816427	4112797	3954563	3.77	cps
Rhodium	103-2	1556278	1512471	1681068	1583272	5.53	cps
Scandium	45-1	3243249	3223294	3436250	3300931	3.56	cps
Scandium	45-2	45585	44304	49728	46539	6.09	cps
Selenium	77-2	457	393	527	459	14.54	cps
Selenium	78-2	1637	1500	1619	1585	4.69	cps
Selenium	82-1	39098	40011	39632	39580	1.16	cps
Silicon	28-1	1668851	1754677	1751327	1724952	2.82	cps
Silver	109-1	2470113	2506063	2489955	2488710	0.72	cps
Silver	107-1	2611134	2653335	2664556	2643008	1.07	cps
Sodium	23-2	20943731	20798419	21310794	21017648	1.26	cps
Strontium	86-1	701668	717196	709954	709606	1.09	cps
Strontium	88-1	6069745	6124465	6091855	6095355	0.45	cps
Sulfur	34-1	636580	650250	649751	645527	1.20	cps
Terbium	159-1	4347018	4234867	4563854	4381913	3.82	cps
Terbium	159-2	1405193	1374691	1540635	1440173	6.13	cps
Thallium	203-1	1231932	1277418	1252630	1253993	1.82	cps
Thallium	205-1	3009201	3148398	3082481	3080027	2.26	cps
Tin	118-1	1615718	1636658	1614666	1622347	0.76	cps
Titanium	47-1	1783818	1821870	1804207	1803298	1.06	cps
Uranium	238-1	3792225	3855841	3795695	3814587	0.94	cps
Vanadium	51-2	350054	347374	360246	352558	1.93	cps
Yttrium	89-1	4736557	4656286	5021325	4804723	3.99	cps
Yttrium	89-2	254938	250045	277249	260744	5.56	cps
Zinc	66-2	161251	160837	166091	162727	1.80	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 16:33:37	DataFile Name :	070CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3766650	3870412	3826949	3821337	1.36	cps
Zirconium	91-1	814122	845865	831830	830606	1.92	cps

LB Number : LB100072 Operator : Jaswal
 Lab Sample ID : CCB16 Instrumnet Name : P8
 Client Sample ID : CCB16 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-27 16:39:20 DataFile Name : 071CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	78	45	95	73	35.00	cps
Antimony	121-1	775	700	992	822	18.42	cps
Arsenic	75-2	13	6	7	9	44.56	cps
Barium	135-1	50	50	33	44	21.66	cps
Barium	137-1	67	108	42	72	46.63	cps
Beryllium	9-1	43	43	60	49	19.69	cps
Bismuth	209-1	2417522	2474027	2444819	2445456	1.16	cps
Bismuth	209-2	1064748	1025220	1021467	1037145	2.31	cps
Boron	10-1	450	458	333	414	16.89	cps
Boron	11-1	2450	2292	2109	2284	7.49	cps
Cadmium	111-1	876	953	989	939	6.15	cps
Cadmium	106-1	1258	1358	1417	1345	5.96	cps
Cadmium	108-1	25	8	4	13	88.19	cps
Calcium	43-1	397	407	467	423	8.94	cps
Calcium	44-1	88902	88717	88144	88588	0.45	cps
Chromium	52-2	2260	2140	2154	2185	3.01	cps
Cobalt	59-2	97	70	120	96	26.18	cps
Copper	63-2	270	247	260	259	4.52	cps
Dysprosium	156-1	17	0	33	17	99.99	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	58	17	8	28	96.44	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	42	42	25	36	26.65	cps
Gadolinium	160-2	7	7	17	10	57.72	cps
Holmium	165-1	4248219	4235083	4290622	4257974	0.68	cps
Holmium	165-2	1512944	1462540	1472637	1482707	1.80	cps
Indium	115-1	4207807	4178156	4253544	4213169	0.90	cps
Indium	115-2	328631	320499	318811	322647	1.63	cps
Iron	56-2	5662	5829	5713	5735	1.49	cps
Iron	57-2	128	211	139	159	28.41	cps
Krypton	83-1	600	567	553	573	4.19	cps
Lead	206-1	411	394	356	387	7.37	cps
Lead	207-1	306	278	306	296	5.41	cps
Lead	208-1	1478	1483	1322	1428	6.41	cps
Lithium	6-1	318740	323549	317840	320043	0.96	cps
Magnesium	24-2	475	383	492	450	12.96	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 16:39:20	DataFile Name :	071CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	130	113	120	121	6.92	cps
Molybdenum	94-1	292	367	350	336	11.72	cps
Molybdenum	95-1	283	308	267	286	7.33	cps
Molybdenum	96-1	275	292	300	289	4.41	cps
Molybdenum	97-1	242	158	325	242	34.48	cps
Molybdenum	98-1	325	408	275	336	20.04	cps
Neodymium	150-1	7	27	0	11	124.89	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	153	97	120	123	23.09	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	6994	6777	7127	6966	2.54	cps
Rhodium	103-1	4298163	4344361	4380611	4341045	0.95	cps
Rhodium	103-2	1845646	1754811	1748962	1783140	3.04	cps
Scandium	45-1	3453003	3423980	3477889	3451624	0.78	cps
Scandium	45-2	49129	47052	46012	47398	3.35	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	0	4	4	2	86.60	cps
Selenium	82-1	-123	-98	-81	-101	-21.52	cps
Silicon	28-1	242261	239359	238901	240174	0.76	cps
Silver	109-1	117	108	125	117	7.14	cps
Silver	107-1	142	167	192	167	15.00	cps
Sodium	23-2	19623	20274	19564	19820	1.99	cps
Strontium	86-1	767	700	875	781	11.32	cps
Strontium	88-1	117	50	67	78	44.61	cps
Sulfur	34-1	417536	417167	412561	415755	0.67	cps
Terbium	159-1	4515570	4470562	4544200	4510111	0.82	cps
Terbium	159-2	1530043	1473321	1485564	1496309	1.99	cps
Thallium	203-1	117	200	117	144	33.31	cps
Thallium	205-1	225	300	300	275	15.75	cps
Tin	118-1	308	325	400	344	14.18	cps
Titanium	47-1	83	158	200	147	40.16	cps
Uranium	238-1	33	33	58	42	34.65	cps
Vanadium	51-2	20	23	0	14	87.37	cps
Yttrium	89-1	4924585	5029498	5095212	5016432	1.72	cps
Yttrium	89-2	277735	269924	268603	272087	1.81	cps
Zinc	66-2	147	97	130	124	20.46	cps

LB Number :	LB100072	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2018-12-27 16:39:20	DataFile Name :	071CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	400	517	475	464	12.75	cps
Zirconium	91-1	125	125	150	133	10.82	cps